

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT 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	220 18:08:18	32				INITIAL SPACECRAFT STATUS			00325:29:788F	00-220/09:42:23	2TI
2	220 18:08:18	32				RADIO STATUS			00325:29:788F	00-220/09:42:23	2TI
3	220 18:08:18	32			DC2AR	S-BAND RANGING OFF			00325:29:788F	00-220/09:42:23	2TI
4	220 18:08:18	32			DC2DR	S-BAND LO PWR			00325:29:788F	00-220/09:42:23	2TI
5	220 18:08:18	32			DC2HR	X-BAND LO PWR			00325:29:788F	00-220/09:42:23	2TI
6	220 18:08:18	32			DC2N	X-BAND RANGING ON			00325:29:788F	00-220/09:42:23	2TI
7	220 18:08:18	32			DC2P	2 WAY NON-COHERENT ON			00325:29:788F	00-220/09:42:23	2TI
8	220 18:08:18	32			DC2Q	USO ON			00325:29:788F	00-220/09:42:23	2TI
9	220 18:08:18	32			CC2BRP	S-BAND EXC-2 SEL			00325:29:788F	00-220/09:42:23	2TI
10	220 18:08:18	32			CC2CP	S-BAND TRANS-1 SEL			00325:29:788F	00-220/09:42:23	2TI
11	220 18:08:18	32			CC2FRP	RCVR-2 SEL			00325:29:788F	00-220/09:42:23	2TI
12	220 18:08:18	32			CC2JRP	X-BAND EXC-2 SEL			00325:29:788F	00-220/09:42:23	2TI
13	220 18:08:18	32			CC2GP	X-BAND ON			00325:29:788F	00-220/09:42:23	2TI
14	220 18:08:18	32			CC2KRP	S-BAND OFF			00325:29:788F	00-220/09:42:23	2TI
15	220 18:08:18	32			CC2LP	X-BAND TWTA-1 SEL			00325:29:788F	00-220/09:42:23	2TI
16	220 18:08:18	32			CC2MP	S-BAND EXC ON			00325:29:788F	00-220/09:42:23	2TI
17	220 18:08:18	32			DC2E	HGA SELECT			00325:29:788F	00-220/09:42:23	2TI
18	220 18:08:18	32			CC1T	BAY 1 HTR ON			00325:29:788F	00-220/09:42:23	2TI
19	220 18:08:18	32				MDS STATUS			00325:29:788F	00-220/09:42:23	2TI
20	220 18:08:18	32			CC3BP	TMU ON			00325:29:788F	00-220/09:42:23	2TI
21	220 18:08:18	32			CC3GP	TMU-A SEL			00325:29:788F	00-220/09:42:23	2TI
22	220 18:08:18	32			CC3HRP	CDU-B SEL			00325:29:788F	00-220/09:42:23	2TI
23	220 18:08:18	32			CC3A	32310 X-BAND			00325:29:788F	00-220/09:42:23	2TI

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24	220 18:08:18	32			CC3A	28301 S-BAND			00325:29:788F	00-220/09:42:23	2TI
25	220 18:08:18	32				POWER STATUS			00325:29:788F	00-220/09:42:23	2TI
26	220 18:08:18	32			CC4A	UNDERVOLTAGE TRIP RESET			00325:29:788F	00-220/09:42:23	2TI
27	220 18:08:18	32			CC4K	RTG-1 DIODE BYPASS ON			00325:29:788F	00-220/09:42:23	2TI
28	220 18:08:18	32			CC4L	RTG-2 DIODE BYPASS ON			00325:29:788F	00-220/09:42:23	2TI
29	220 18:08:18	32			CC4M	RTG-3 DIODE BYPASS ON			00325:29:788F	00-220/09:42:23	2TI
30	220 18:08:18	32				CCS STATUS			00325:29:788F	00-220/09:42:23	2TI
31	220 18:08:18	32			DC5AR	CCS TOL DET ENABLE			00325:29:788F	00-220/09:42:23	2TI
32	220 18:08:18	32				FDS STATUS			00325:29:788F	00-220/09:42:23	2TI
33	220 18:08:18	32			CC6CP	FDS ON/ISS PWR ENABLE			00325:29:788F	00-220/09:42:23	2TI
34	220 18:08:18	32			CC6AA	0 SVC-W1			00325:29:788F	00-220/09:42:23	2TI
35	220 18:08:18	32			CC6AD	2210 SVC-W4			00325:29:788F	00-220/09:42:23	2TI
36	220 18:08:18	32			CC6AE	30003 SVC-W5			00325:29:788F	00-220/09:42:23	2TI
37	220 18:08:18	32			CC6AP	FDS PWR CONV A SEL			00325:29:788F	00-220/09:42:23	2TI
38	220 18:08:18	32			CC6AB	01110 SVC-W2			00325:29:788F	00-220/09:42:23	2TI
39	220 18:08:18	32			SC06BB	530070 FDS DATA MODE			00325:29:788F	00-220/09:42:23	2TI
40	220 18:08:18	32				AACS STATUS			00325:29:788F	00-220/09:42:23	2TI
41	220 18:08:18	32			AC7PCG	14 HYBIC 2 PWR ON			00325:29:788F	00-220/09:42:23	2TI
42	220 18:08:18	32			CC7ML	05 CST ON			00325:29:788F	00-220/09:42:23	2TI
43	220 18:08:18	32			AC7CTG	10 376 CST HI GATE			00325:29:788F	00-220/09:42:23	2TI
44	220 18:08:18	32			AC7CTG	11 422 CST LO GATE			00325:29:788F	00-220/09:42:23	2TI
45	220 18:08:18	32			AC7GYP	000 GYRO PATTERN			00325:29:788F	00-220/09:42:23	2TI
46	220 18:08:18	32			AC7PCG	52 GYRO A OFF			00325:29:788F	00-220/09:42:23	2TI

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47	220 18:08:18	32			AC7PCG	62 GYRO B OFF			00325:29:788F	00-220/09:42:23	2TI
48	220 18:08:18	32			AC7PCG	72 GYRO C OFF			00325:29:788F	00-220/09:42:23	2TI
49	220 18:08:18	32			AC7DDB	000480 DEAD BAND CONTROL			00325:29:788F	00-220/09:42:23	2TI
50	220 18:08:18	32			AC7PAR	7530 000000 GYRO OFF NORM			00325:29:788F	00-220/09:42:23	2TI
51	220 18:08:18	32			AC7PAR	6740 000740 PITCH DEADBAND			00325:29:788F	00-220/09:42:23	2TI
52	220 18:08:18	32			AC7PAR	6741 001700 YAW DEADBAND			00325:29:788F	00-220/09:42:23	2TI
53	220 18:08:18	32			AC7PAR	6742 004540 ROLL DEADBAND			00325:29:788F	00-220/09:42:23	2TI
54	220 18:08:18	32			DEADBAND	DEAD BAND STATE: 05 10 25			00325:29:788F	00-220/09:42:23	2TI
55	220 18:08:18	32			CC7SS	1 AACS TO RAI			00325:29:788F	00-220/09:42:23	2TI
56	220 18:08:18	32			CC7CT	03 CST CONE ANGLE 3			00325:29:788F	00-220/09:42:23	2TI
57	220 18:08:18	32			CC7AHRP	SS HTR A OFF			00325:29:788F	00-220/09:42:23	2TI
58	220 18:08:18	32			CC7BHP	SS HTR B ON			00325:29:788F	00-220/09:42:23	2TI
59	220 18:08:18	32			CC7ML	01 FDS CHAN A			00325:29:788F	00-220/09:42:23	2TI
60	220 18:08:18	32			CC7ML	09 TCAPU FAULT ENA			00325:29:788F	00-220/09:42:23	2TI
61	220 18:08:18	32			AC7PCG	61 AACS BAY 6 HTR A OFF			00325:29:788F	00-220/09:42:23	2TI
62	220 18:08:18	32			AC7PCG	71 AACS BAY 6 HTR B OFF			00325:29:788F	00-220/09:42:23	2TI
63	220 18:08:18	32			CC7MMRP	PROC/MEM 2 SELECT			00325:29:788F	00-220/09:42:23	2TI
64	220 18:08:18	32			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			00325:29:788F	00-220/09:42:23	2TI
65	220 18:08:18	32			AC7PCG	22 CST SUN SHUTTER OFF			00325:29:788F	00-220/09:42:23	2TI
66	220 18:08:18	32			AC7PCG	10 ISO VALVE BRANCH 1 OFF			00325:29:788F	00-220/09:42:23	2TI
67	220 18:08:18	32			AC7PCG	20 ISO VALVE BRANCH 2 OFF			00325:29:788F	00-220/09:42:23	2TI
68	220 18:08:18	32			CC1PHRP	SCAN PLAT SUPL HTR OFF			00325:29:788F	00-220/09:42:23	2TI
69	220 18:08:18	32			CC77MRP	MAM OFF			00325:29:788F	00-220/09:42:23	2TI

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70	220 18:08:18	32			DC77PR	NON-PRIME FCP/MEM OFF			00325:29:788F	00-220/09:42:23	2TI
71	220 18:08:18	32			DC77XR	MAM COMMAND DISABLE			00325:29:788F	00-220/09:42:23	2TI
72	220 18:08:18	32				PYRO STATUS			00325:29:788F	00-220/09:42:23	2TI
73	220 18:08:18	32			CC8D	PSU INSTRUMENTATION ON			00325:29:788F	00-220/09:42:23	2TI
74	220 18:08:18	32			DC8XR	PYRO DISABLE			00325:29:788F	00-220/09:42:23	2TI
75	220 18:08:18	32				PROPULSION STATUS			00325:29:788F	00-220/09:42:23	2TI
76	220 18:08:18	32			CC10CRP	TCM HTR OFF			00325:29:788F	00-220/09:42:23	2TI
77	220 18:08:18	32			CC10DR	AP BR1 HTR OFF			00325:29:788F	00-220/09:42:23	2TI
78	220 18:08:18	32			CC10E	AP BR2 HTR ON			00325:29:788F	00-220/09:42:23	2TI
79	220 18:08:18	32			CC10TRP	TCM LINE HTRS OFF			00325:29:788F	00-220/09:42:23	2TI
80	220 18:08:18	32				DSS STATUS			00325:29:788F	00-220/09:42:23	2TI
81	220 18:08:18	32			CC16BR	DSS 10 W REPL HTR OFF			00325:29:788F	00-220/09:42:23	2TI
82	220 18:08:18	32			CC16AP	DSS ON			00325:29:788F	00-220/09:42:23	2TI
83	220 18:08:18	32			CC1DR	BAY 2 19 W HTR OFF			00325:29:788F	00-220/09:42:23	2TI
84	220 18:08:18	32			CC16C	7215 DSS CONTROL			00325:29:788F	00-220/09:42:23	2TI
85	220 18:08:18	32				SCIENCE PWR STATUS			00325:29:788F	00-220/09:42:23	2TI
86	220 18:08:18	32			CC1CR	MAG COIL OFF			00325:29:788F	00-220/09:42:23	2TI
87	220 18:08:18	32			CC21A	CRS ON			00325:29:788F	00-220/09:42:23	2TI
88	220 18:08:18	32			CC21B	CRS REPL HTR ON			00325:29:788F	00-220/09:42:23	2TI
89	220 18:08:18	32			CC21CR	CRS SUPP HTR OFF			00325:29:788F	00-220/09:42:23	2TI
90	220 18:08:18	32			CC22A	PRA ON			00325:29:788F	00-220/09:42:23	2TI
91	220 18:08:18	32			CC23A	PWS ON			00325:29:788F	00-220/09:42:23	2TI
92	220 18:08:18	32			CC25A	LECP ON			00325:29:788F	00-220/09:42:23	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	220 18:08:18	32			CC25B	LECP STEPPER MOTOR ON			00325:29:788F	00-220/09:42:23	2TI
94	220 18:08:18	32			CC25CR	LECP REPL HTR OFF			00325:29:788F	00-220/09:42:23	2TI
95	220 18:08:18	32			CC25D	LECP MAIN SUPP HTR ON			00325:29:788F	00-220/09:42:23	2TI
96	220 18:08:18	32			CC25E	LECP LEPT SUPP HTR ON			00325:29:788F	00-220/09:42:23	2TI
97	220 18:08:18	32			CC27BR	PPS SUPP HTR OFF			00325:29:788F	00-220/09:42:23	2TI
98	220 18:08:18	32			CC32A	PLS ON			00325:29:788F	00-220/09:42:23	2TI
99	220 18:08:18	32			CC32B	PLS SUPP HTR ON			00325:29:788F	00-220/09:42:23	2TI
100	220 18:08:18	32			CC32CR	PLS REPL HTR OFF			00325:29:788F	00-220/09:42:23	2TI
101	220 18:08:18	32			CC34AR	UVS OFF			00325:29:788F	00-220/09:42:23	2TI
102	220 18:08:18	32			CC34BR	UVS REPL HTR OFF			00325:29:788F	00-220/09:42:23	2TI
103	220 18:08:18	32			CC35AR	MAG OFF			00325:29:788F	00-220/09:42:23	2TI
104	220 18:08:18	32			CC35B	MAG STANDBY ON			00325:29:788F	00-220/09:42:23	2TI
105	220 18:08:18	32			CC35GR	MAG SENSOR HTR OFF			00325:29:788F	00-220/09:42:23	2TI
106	220 18:08:18	32			CC36GR	ISS WA VID REPL HTR OFF			00325:29:788F	00-220/09:42:23	2TI
107	220 18:08:18	32			CC36HR	ISS WA ELEC REPL HTR OFF			00325:29:788F	00-220/09:42:23	2TI
108	220 18:08:18	32			CC36CRP	ISS NA OPTICS HTR OFF			00325:29:788F	00-220/09:42:23	2TI
109	220 18:08:18	32			CC36FRP	ISS NA VID REPL HTR OFF			00325:29:788F	00-220/09:42:23	2TI
110	220 18:08:18	32			CC36JRP	ISS NA ELEC REPL HTR OFF			00325:29:788F	00-220/09:42:23	2TI
111	220 18:08:18	32			CC39DR	IRIS REPL HTR OFF			00325:29:788F	00-220/09:42:23	2TI
112	220 18:08:18	32			CC39FR	IRIS STANDBY A SUPPLY OFF			00325:29:788F	00-220/09:42:23	2TI
113	220 18:08:18	32			CC39BR	IRIS STANDBY B SUPPLY OFF			00325:29:788F	00-220/09:42:23	2TI
114	220 18:08:18	32				SCIENCE INSTRUMENT STATUS			00325:29:788F	00-220/09:42:23	2TI
115	220 18:08:18	32			SC21AF	01000 CRS CMD WORD			00325:29:788F	00-220/09:42:23	2TI

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116	220 18:08:18	32			SC21AF	02000 CRS CMD WORD			00325:29:788F	00-220/09:42:23	2TI
117	220 18:08:18	32			SC21AF	03010 CRS CMD WORD			00325:29:788F	00-220/09:42:23	2TI
118	220 18:08:18	32			SC21AF	04000 CRS CMD WORD			00325:29:788F	00-220/09:42:23	2TI
119	220 18:08:18	32			SC21AF	05202 CRS CMD WORD			00325:29:788F	00-220/09:42:23	2TI
120	220 18:08:18	32			SC21AF	06200 CRS CMD WORD			00325:29:788F	00-220/09:42:23	2TI
121	220 18:08:18	32			SC21AF	07000 CRS CMD WORD			00325:29:788F	00-220/09:42:23	2TI
122	220 18:08:18	32			SC21AF	08200 CRS CMD WORD			00325:29:788F	00-220/09:42:23	2TI
123	220 18:08:18	32			SC21AF	10000 CRS CMD WORD			00325:29:788F	00-220/09:42:23	2TI
124	220 18:08:18	32			SC21AF	11000 CRS CMD WORD			00325:29:788F	00-220/09:42:23	2TI
125	220 18:08:18	32			SC21AF	12000 CRS CMD WORD			00325:29:788F	00-220/09:42:23	2TI
126	220 18:08:18	32			SC21AF	13004 CRS CMD WORD			00325:29:788F	00-220/09:42:23	2TI
127	220 18:08:18	32			SC21AG	CRS HV FLAG			00325:29:788F	00-220/09:42:23	2TI
128	220 18:08:18	32			SC21AH	CRS CAL-ST FLAG			00325:29:788F	00-220/09:42:23	2TI
129	220 18:08:18	32			SC22AF	1347 PRA CONFIGURATION CMD			00325:29:788F	00-220/09:42:23	2TI
130	220 18:08:18	32			SC22NU	0000 PRA MODE SELECT			00325:29:788F	00-220/09:42:23	2TI
131	220 18:08:18	32			SC23AD	5 PWS CMD WORD			00325:29:788F	00-220/09:42:23	2TI
132	220 18:08:18	32			SC25AH	1677 LECP CMD WORD			00325:29:788F	00-220/09:42:23	2TI
133	220 18:08:18	32			SC25AH	3017 LECP CMD WORD			00325:29:788F	00-220/09:42:23	2TI
134	220 18:08:18	32			SC25AH	5600 LECP CMD WORD			00325:29:788F	00-220/09:42:23	2TI
135	220 18:08:18	32			SC25AH	6032 LECP CMD WORD			00325:29:788F	00-220/09:42:23	2TI
136	220 18:08:18	32			SC25AJ	1 LECP MOTOR STEP CMD			00325:29:788F	00-220/09:42:23	2TI
137	220 18:08:18	32			SC25AN	0 LECP NEAR/FAR ENC			00325:29:788F	00-220/09:42:23	2TI
138	220 18:08:18	32			SC25AQ	5200 LECP SAFE CMD			00325:29:788F	00-220/09:42:23	2TI

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139	220 18:08:18	32			SC32AF	2 PLS E1 INT/AMP GAIN			00325:29:788F	00-220/09:42:23	2TI
140	220 18:08:18	32			SC32AG	2 PLS E2 INT/AMP GAIN			00325:29:788F	00-220/09:42:23	2TI
141	220 18:08:18	32			SC32AH	2 PLS M INT/AMP GAIN			00325:29:788F	00-220/09:42:23	2TI
142	220 18:08:18	32			SC32AJ	15 PLS CONFIG CMD			00325:29:788F	00-220/09:42:23	2TI
143	220 18:08:18	32			SC32AK	2 PLS L INT/AMP GAIN			00325:29:788F	00-220/09:42:23	2TI
144	220 18:08:18	32			SC32AL	216 PLS M START WORD 1			00325:29:788F	00-220/09:42:23	2TI
145	220 18:08:18	32			SC32AM	116 PLS M START WORD 2			00325:29:788F	00-220/09:42:23	2TI
146	220 18:08:18	32			SC32AN	2 PLS M MODE			00325:29:788F	00-220/09:42:23	2TI
147	220 18:08:18	32			SC32AP	3 PLS E1 SHRT			00325:29:788F	00-220/09:42:23	2TI
148	220 18:08:18	32			SC32AQ	3 PLS E2 SHRT			00325:29:788F	00-220/09:42:23	2TI
149	220 18:08:18	32			SC32AR	3 PLS L SHORT			00325:29:788F	00-220/09:42:23	2TI
150	220 18:08:18	32			SC32AS	2 PLS E1 LONG			00325:29:788F	00-220/09:42:23	2TI
151	220 18:08:18	32			SC32AT	2 PLS E2 LONG			00325:29:788F	00-220/09:42:23	2TI
152	220 18:08:18	32			SC32AU	2 PLS L LONG			00325:29:788F	00-220/09:42:23	2TI
153	220 18:08:18	32			SC34AE	13 UVS MODE/HV LEVEL			00325:29:788F	00-220/09:42:23	2TI
154	220 18:08:18	32			SC34AF	0 UVS READ OUT FLAG			00325:29:788F	00-220/09:42:23	2TI
155	220 18:08:18	32			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			00325:29:788F	00-220/09:42:23	2TI
156	220 18:08:18	32			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			00325:29:788F	00-220/09:42:23	2TI
157	220 18:08:19	32				BEGIN SEQUENCE B109 -- LOCK STAR			00325:30:001F	00-220/09:42:23	2T
158	220 20:24:52	32	40	SET		10 DEGREE SET DSC-40					2V
159	221 00:00:00	32				VGR-32 OWLT IS 08H 25M 57S					2L
160	221 04:37:08	32	40	RISE		10 DEGREE RISE DSC-40					2V
161	221 06:30:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-8412 (D/L ONLY)					2DP





FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
173	221 10:06:49	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		00345:28:002F	00-221/01:40:47	2ECs
174	221 10:06:50	32				B- DRCRUS			00345:28:018F	00-221/01:40:48	2TB
175	221 10:06:50	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		00345:28:025F	00-221/01:40:49	2ECF
176	221 10:07:37	32		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	00345:29:001F	00-221/01:41:35	2ESF
177	221 10:07:37	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		00345:29:001F	00-221/01:41:35	2ECd
178	221 10:07:37	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2030	DTR		00345:29:001F	00-221/01:41:35	2ESd
179	221 10:07:37	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		00345:29:002F	00-221/01:41:35	2ECs
180	221 10:07:38	32				END PWSREC			00345:29:018F	00-221/01:41:36	2T
181	221 12:00:00	32				VGR-32 OWLT IS 08H 26M 01S					2L
182	221 14:15:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-8412					2DP
183	221 20:20:52	32	40	SET		10 DEGREE SET DSC-40					2V
184	222 00:00:00	32				VGR-32 OWLT IS 08H 26M 05S					2L
185	222 04:33:06	32	40	RISE		10 DEGREE RISE DSC-40					2V
186	222 04:49:19	32			AC7SSB	(4 +174) SS BIAS CONTROL --- YAW	AACS		00368:51:003F	00-221/20:23:11	2ECa

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
187	222 06:55:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8413 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
188	222 12:00:00	32				VGR-32 OWLT IS 08H 26M 09S					2L
189	222 14:45:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8413					2DP
190	222 14:55:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8413 (D/L ONLY)					2DP
191	222 20:15:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8413					2DP
192	222 20:16:53	32	40 SET			10 DEGREE SET DSC-40					2V
193	223 00:00:00	32				VGR-32 OWLT IS 08H 26M 14S					2L
194	223 03:55:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-8414 (D/L ONLY)					2DP
195	223 04:29:05	32	40RISE			10 DEGREE RISE DSC-40					2V
196	223 10:00:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8414 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
197	223 10:10:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-8414					2DP
198	223 10:55:53	32			AC7SSB	(3 -018) SS BIAS CONTROL - PITCH	AACS		00406:29:003F	00-223/02:29:35	2ECa
199	223 12:00:00	32				VGR-32 OWLT IS 08H 26M 18S					2L
200	223 19:55:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8414					2DP
201	223 20:12:53	32	40 SET			10 DEGREE SET DSC-40					2V
202	224 00:00:00	32				VGR-32 OWLT IS 08H 26M 22S					2L
203	224 04:25:04	32	40RISE			10 DEGREE RISE DSC-40					2V
204	224 08:45:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-8415 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
205	224 12:00:00	32				VGR-32 OWLT IS 08H 26M 26S					2L
206	224 19:10:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-8415					2DP
207	224 20:08:53	32	40 SET			10 DEGREE SET DSC-40					2V
208	224 23:53:42	32			AC7SSB	(4 +175) SS BIAS CONTROL --- YAW	AACS		00452:41:003F	00-224/15:27:11	2ECa

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
209	225 00:00:00	32				VGR-32 OWLT IS 08H 26M 30S					2L
210	225 03:55:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-8416 (D/L ONLY)					2DP
211	225 04:21:03	32	40RISE			10 DEGREE RISE DSC-40					2V
212	225 10:10:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-8416					2DP
213	225 12:00:00	32				VGR-32 OWLT IS 08H 26M 34S					2L
214	225 20:04:53	32	40 SET			10 DEGREE SET DSC-40					2V
215	226 00:00:00	32				VGR-32 OWLT IS 08H 26M 39S					2L
216	226 03:45:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-8417 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
217	226 04:17:02	32	40RISE			10 DEGREE RISE DSC-40					2V
218	226 12:00:00	32				VGR-32 OWLT IS 08H 26M 43S					2L
219	226 15:25:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-8417					2DP
220	226 20:00:53	32	40 SET			10 DEGREE SET DSC-40					2V
221	227 00:00:00	32				VGR-32 OWLT IS 08H 26M 47S					2L
222	227 04:13:02	32	40RISE			10 DEGREE RISE DSC-40					2V
223	227 04:45:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8418 (D/L ONLY)					2DP
224	227 07:55:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8418					2DP
225	227 12:00:00	32				VGR-32 OWLT IS 08H 26M 52S					2L
226	227 12:00:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8418 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
227	227 14:30:05	32				B- MEMUPD			00530:56:001F	00-227/06:03:11	2TB
228	227 14:30:05	32				MEMUPD - CMDLOS CHANGE			00530:56:001F	00-227/06:03:11	2T
229	227 14:30:53	32				B- MEMUPD			00530:57:001F	00-227/06:03:59	2TB
230	227 14:30:53	32				MEMUPD - CHNG COUNTR TO 2			00530:57:001F	00-227/06:03:59	2T





FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
258	228 09:43:00	32				B- DRGS4B			00554:57:001F	00-228/01:15:59	2TB
259	228 09:43:00	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		00554:57:009F	00-228/01:16:00	2ECf
260	228 09:43:44	32				BEGIN RECORDING PWS DATA			00554:57:734F	00-228/01:16:43	2T
261	228 09:43:44	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		00554:57:735F	00-228/01:16:43	2ECd
262	228 09:43:44	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:2038	DTR		00554:57:735F	00-228/01:16:43	2ESd
263	228 09:43:48	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	00554:58:001F	00-228/01:16:47	2ESf
264	228 09:43:48	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		00554:58:002F	00-228/01:16:47	2ECs
265	228 09:43:49	32				B- DRCRUS			00554:58:018F	00-228/01:16:48	2TB
266	228 09:43:49	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		00554:58:025F	00-228/01:16:49	2ECf
267	228 09:44:36	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	00554:59:001F	00-228/01:17:35	2ESf
268	228 09:44:36	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		00554:59:001F	00-228/01:17:35	2ECd

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
269	228 09:44:36	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2328	DTR		00554:59:001F	00-228/01:17:35	2ESd
270	228 09:44:36	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		00554:59:002F	00-228/01:17:35	2ECs
271	228 09:44:37	32				END PWSREC			00554:59:018F	00-228/01:17:36	2T
272	228 12:00:00	32				VGR-32 OWLT IS 08H 27M 00S					2L
273	228 14:00:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8419					2DP
274	228 19:52:54	32	40 SET			10 DEGREE SET DSC-40					2V
275	229 00:00:00	32				VGR-32 OWLT IS 08H 27M 05S					2L
276	229 04:05:00	32	40RISE			10 DEGREE RISE DSC-40					2V
277	229 07:25:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8420 (D/L ONLY)					2DP
278	229 12:00:00	32				VGR-32 OWLT IS 08H 27M 09S					2L
279	229 14:30:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8420					2DP
280	229 19:04:00	32			AC7SSB	(3 -019) SS BIAS CONTROL - PITCH	AACS		00596:38:003F	00-229/10:36:47	2ECa
281	229 19:48:54	32	40 SET			10 DEGREE SET DSC-40					2V
282	230 00:00:00	32				VGR-32 OWLT IS 08H 27M 14S					2L
283	230 04:01:00	32	40RISE			10 DEGREE RISE DSC-40					2V
284	230 06:30:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8421 (D/L ONLY)					2DP
285	230 12:00:00	32				VGR-32 OWLT IS 08H 27M 18S					2L
286	230 14:00:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8421					2DP
287	230 14:02:31	32			AC7SSB	(4 +177) SS BIAS CONTROL --- YAW	AACS		00620:21:003F	00-230/05:35:11	2ECa

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
288	230 17:45:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8421 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
289	230 19:30:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8421					2DP
290	230 19:44:54	32	40 SET			10 DEGREE SET DSC-40					2V
291	231 00:00:00	32				VGR-32 OWLT IS 08H 27M 23S					2L
292	231 03:35:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8422 (D/L ONLY)					2DP
293	231 03:57:00	32	40RISE			10 DEGREE RISE DSC-40					2V
294	231 12:00:00	32				VGR-32 OWLT IS 08H 27M 27S					2L
295	231 19:40:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8422					2DP
296	231 19:40:54	32	40 SET			10 DEGREE SET DSC-40					2V
297	232 00:00:00	32				VGR-32 OWLT IS 08H 27M 32S					2L
298	232 03:52:59	32	40RISE			10 DEGREE RISE DSC-40					2V
299	232 06:15:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8423 (D/L ONLY)					2DP
300	232 12:00:00	32				VGR-32 OWLT IS 08H 27M 36S					2L
301	232 19:35:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8423					2DP
302	232 19:36:54	32	40 SET			10 DEGREE SET DSC-40					2V
303	233 00:00:00	32				VGR-32 OWLT IS 08H 27M 41S					2L
304	233 03:25:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8424 (D/L ONLY)					2DP
305	233 03:48:59	32	40RISE			10 DEGREE RISE DSC-40					2V
306	233 09:06:57	32			AC7SSB	(4 +178) SS BIAS CONTROL --- YAW	AACS		00704:11:003F	00-233/00:39:11	2ECa
307	233 12:00:00	32				VGR-32 OWLT IS 08H 27M 46S					2L
308	233 15:40:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8424					2DP
309	233 19:32:55	32	40 SET			10 DEGREE SET DSC-40					2V
310	234 00:00:00	32				VGR-32 OWLT IS 08H 27M 50S					2L





FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
328	235 09:20:47	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:2336	DTR		00764:27:735F	00-235/00:52:43	2ESd
329	235 09:20:51	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	00764:28:001F	00-235/00:52:47	2ESf
330	235 09:20:51	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		00764:28:002F	00-235/00:52:47	2ECs
331	235 09:20:52	32				B- DRCRUS			00764:28:018F	00-235/00:52:48	2TB
332	235 09:20:52	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		00764:28:025F	00-235/00:52:49	2ECf
333	235 09:21:39	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	00764:29:001F	00-235/00:53:35	2ESf
334	235 09:21:39	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		00764:29:001F	00-235/00:53:35	2ECd
335	235 09:21:39	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2626	DTR		00764:29:001F	00-235/00:53:35	2ESd
336	235 09:21:39	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		00764:29:002F	00-235/00:53:35	2ECs





FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
367	237 00:00:00	32				VGR-32 OWLT IS 08H 28M 19S					2L
368	237 03:32:59	32	40RISE			10 DEGREE RISE DSC-40					2V
369	237 09:30:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8428 (D/L ONLY)					2DP
370	237 12:00:00	32				VGR-32 OWLT IS 08H 28M 24S					2L
371	237 19:15:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8428					2DP
372	237 19:16:56	32	40 SET			10 DEGREE SET DSC-40					2V
373	238 00:00:00	32				VGR-32 OWLT IS 08H 28M 29S					2L
374	238 03:29:00	32	40RISE			10 DEGREE RISE DSC-40					2V
375	238 12:00:00	32				VGR-32 OWLT IS 08H 28M 33S					2L
376	238 14:05:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8429 (D/L ONLY)					2DP
377	238 18:05:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8429					2DP
378	238 19:12:56	32	40 SET			10 DEGREE SET DSC-40					2V
379	238 23:15:50	32			AC7SSB	(4 +180) SS BIAS CONTROL --- YAW	AACS		00871:51:003F	00-238/14:47:11	2ECa
380	239 00:00:00	32				VGR-32 OWLT IS 08H 28M 38S					2L
381	239 03:25:00	32	40RISE			10 DEGREE RISE DSC-40					2V
382	239 05:20:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8430 (D/L ONLY)					2DP
383	239 12:00:00	32				VGR-32 OWLT IS 08H 28M 43S					2L
384	239 15:20:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8430					2DP
385	239 19:08:56	32	40 SET			10 DEGREE SET DSC-40					2V
386	240 00:00:00	32				VGR-32 OWLT IS 08H 28M 48S					2L
387	240 03:21:00	32	40RISE			10 DEGREE RISE DSC-40					2V
388	240 07:50:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8431 (D/L ONLY)					2DP
389	240 12:00:00	32				VGR-32 OWLT IS 08H 28M 53S					2L



FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
409	242 08:57:12	32			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		00973:57:009F	00-242/00:28:00	2ECf
410	242 08:57:56	32				BEGIN RECORDING PWS DATA			00973:57:734F	00-242/00:28:43	2T
411	242 08:57:56	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		00973:57:735F	00-242/00:28:43	2ECd
412	242 08:57:56	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:2634	DTR		00973:57:735F	00-242/00:28:43	2ESd
413	242 08:58:00	32		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PB/FDS11 SA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	00973:58:001F	00-242/00:28:47	2ESf
414	242 08:58:00	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		00973:58:002F	00-242/00:28:47	2ECs
415	242 08:58:01	32				B- DRCRUS			00973:58:018F	00-242/00:28:48	2TB
416	242 08:58:01	32			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		00973:58:025F	00-242/00:28:49	2ECf
417	242 08:58:48	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	00973:59:001F	00-242/00:29:35	2ESf
418	242 08:58:48	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		00973:59:001F	00-242/00:29:35	2ECd

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
419	242 08:58:48	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2924	DTR		00973:59:001F	00-242/00:29:35	2ESd
420	242 08:58:48	32			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		00973:59:002F	00-242/00:29:35	2ECs
421	242 08:58:49	32				END PWSREC			00973:59:018F	00-242/00:29:36	2T
422	242 11:45:00	32	34	AO	OPCH ACE	AOS DSS-34 PASS-8433 (D/L ONLY)					2DP
423	242 12:00:00	32				VGR-32 OWLT IS 08H 29M 13S					2L
424	242 18:25:00	32	34	LO	OPCH ACE	LOS DSS-34 PASS-8433					2DP
425	242 18:56:58	32	40	SET		10 DEGREE SET DSC-40					2V
426	243 00:00:00	32				VGR-32 OWLT IS 08H 29M 18S					2L
427	243 03:09:03	32	40	RISE		10 DEGREE RISE DSC-40					2V
428	243 06:05:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-8434 (D/L ONLY)					2DP
429	243 12:00:00	32				VGR-32 OWLT IS 08H 29M 24S					2L
430	243 17:15:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-8434					2DP
431	243 18:52:58	32	40	SET		10 DEGREE SET DSC-40					2V
432	244 00:00:00	32				VGR-32 OWLT IS 08H 29M 29S					2L
433	244 03:05:04	32	40	RISE		10 DEGREE RISE DSC-40					2V
434	244 09:30:00	32	34	AO	OPCH ACE	AOS DSS-34 PASS-8435 (D/L ONLY)					2DP
435	244 12:00:00	32				VGR-32 OWLT IS 08H 29M 34S					2L
436	244 18:30:00	32	34	LO	OPCH ACE	LOS DSS-34 PASS-8435					2DP
437	244 18:48:59	32	40	SET		10 DEGREE SET DSC-40					2V
438	244 20:30:25	32			AC7SSB	(4 +182) SS BIAS CONTROL --- YAW	AACS		01048:23:003F	00-244/12:00:47	2ECa



FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
439	245 00:00:00	32				VGR-32 OWLT IS 08H 29M 39S					2L
440	245 02:55:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8436 (D/L ONLY)					2DP
441	245 03:01:05	32	40RISE			10 DEGREE RISE DSC-40					2V
442	245 12:00:00	32				VGR-32 OWLT IS 08H 29M 44S					2L
443	245 15:15:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8436					2DP
444	245 18:44:59	32	40 SET			10 DEGREE SET DSC-40					2V
445	246 00:00:00	32				VGR-32 OWLT IS 08H 29M 49S					2L
446	246 02:57:06	32	40RISE			10 DEGREE RISE DSC-40					2V
447	246 03:45:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8437 (D/L ONLY)					2DP
448	246 06:45:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8437					2DP
449	246 12:00:00	32				VGR-32 OWLT IS 08H 29M 55S					2L
450	246 14:30:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8437 (D/L ONLY)					2DP
451	246 17:30:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8437					2DP
452	246 18:41:00	32	40 SET			10 DEGREE SET DSC-40					2V
453	247 00:00:00	32				VGR-32 OWLT IS 08H 30M 00S					2L
454	247 02:53:07	32	40RISE			10 DEGREE RISE DSC-40					2V
455	247 09:35:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8438 (D/L ONLY)					2DP
456	247 12:00:00	32				VGR-32 OWLT IS 08H 30M 05S					2L
457	247 18:20:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8438					2DP
458	247 18:37:00	32	40 SET			10 DEGREE SET DSC-40					2V
459	248 00:00:00	32				VGR-32 OWLT IS 08H 30M 10S					2L
460	248 02:49:09	32	40RISE			10 DEGREE RISE DSC-40					2V
461	248 06:30:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8439 (D/L ONLY)					2DP



FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
479	249 08:35:09	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		01183:27:735F	00-249/00:04:43	2ECd
480	249 08:35:09	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:2932	DTR		01183:27:735F	00-249/00:04:43	2ESd
481	249 08:35:13	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	01183:28:001F	00-249/00:04:47	2ESf
482	249 08:35:13	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		01183:28:002F	00-249/00:04:47	2ECs
483	249 08:35:14	32				B- DRCRUS			01183:28:018F	00-249/00:04:48	2TB
484	249 08:35:14	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		01183:28:025F	00-249/00:04:49	2ECf
485	249 08:36:01	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	01183:29:001F	00-249/00:05:35	2ESf
486	249 08:36:01	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		01183:29:001F	00-249/00:05:35	2ECd
487	249 08:36:01	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:3222	DTR		01183:29:001F	00-249/00:05:35	2ESd





FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
522	250 07:06:35	32			SC06BB	(12 0 07 0) FDS MODE TO: PB-14 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		01211:37:009F	00-249/22:36:00	2ECf
523	250 07:07:23	32				BEGIN PLAYBACK			01211:38:001F	00-249/22:36:47	2T
524	250 07:07:23	32		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PB/FDS11 SA/FDS11	FDS	PB-14	01211:38:001F	00-249/22:36:47	2ESf
525	250 07:07:23	32			CC3A	(39310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=39 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		01211:38:002F	00-249/22:36:47	2ECs
526	250 07:07:23	32			CC6AD	(2 2 1 2) SVC-W4 FDS MEM B WRT PROTECT	FDS		01211:38:002F	00-249/22:36:47	2ECf
527	250 07:07:23	32		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PB/FDS11 SA/FDS11	FDS	PB-14	01211:38:002F	00-249/22:36:47	2ESf
528	250 07:07:23	32			CC16C	(1210) DTR STATE SELECT:PLAYBACK	DTR		01211:38:005F	00-249/22:36:48	2ECd
529	250 07:07:23	32				DTR STATUS MODE:PLAY RATE:007.2K DIR:F TRK:3 TIC:1705	DTR		01211:38:005F	00-249/22:36:48	2ESd
530	250 07:07:24	32				END DDPB1432			01211:38:018F	00-249/22:36:48	2T
531	250 08:36:38	32			EOT	END OF TAPE			01213:29:444F	00-250/00:06:02	2Ed
532	250 08:36:39	32			EOT	END OF TAPE			01213:29:448F	00-250/00:06:02	2Ed
533	250 11:15:37	32			BOT	BEGIN OF TAPE			01216:48:200F	00-250/02:44:59	2Ed
534	250 11:15:37	32			BOT	BEGIN OF TAPE			01216:48:204F	00-250/02:44:59	2Ed



FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
546	250 13:42:38	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	01219:52:003F	00-250/05:11:59	2ESf
547	250 13:42:39	32				END PLAYBACK			01219:52:018F	00-250/05:12:00	2T
548	250 13:57:02	32				B- YAWDB			01220:10:001F	00-250/05:26:23	2TB
549	250 13:57:02	32				YAWDB - .10			01220:10:001F	00-250/05:26:23	2T
550	250 13:57:02	32			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		01220:10:004F	00-250/05:26:23	2ECa
551	250 18:10:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8441					2DP
552	250 18:25:03	32	40 SET			10 DEGREE SET DSC-40					2V
553	251 00:00:00	32				VGR-32 OWLT IS 08H 30M 42S					2L
554	251 02:37:13	32	40RISE			10 DEGREE RISE DSC-40					2V
555	251 05:30:45	32				TAPPOS-0550			01239:37:001F	00-250/20:59:59	2T
556	251 05:30:45	32			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		01239:37:002F	00-250/20:59:59	2ECd
557	251 05:30:45	32				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3375	DTR		01239:37:002F	00-250/20:59:59	2ESd
558	251 06:30:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8442 (D/L ONLY)					2DP
559	251 07:41:31	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		01242:20:360F	00-250/23:10:45	2ECd
560	251 07:41:31	32				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0550	DTR		01242:20:360F	00-250/23:10:45	2ESd
561	251 08:18:46	32				FWD/TRK 1			01243:07:001F	00-250/23:47:59	2T
562	251 08:18:46	32			CC16C	(7011) DTR STATE SELECT: READY	DTR		01243:07:002F	00-250/23:47:59	2ECd





FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT 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	252 06:16:32	32			CC7GARP	GYRO A OFF	PWR		01270:34:006F	00-251/21:45:36	2ECp
580	252 06:16:32	32			CC7PC	(352) GYRO A OFF	AACS		01270:34:008F	00-251/21:45:36	2ECa
581	252 06:16:32	32			CC7GCP	GYRO C ON	PWR		01270:34:009F	00-251/21:45:36	2ECp
582	252 06:16:32	32					AACS		01270:34:009F	00-251/21:45:36	2ESa
						AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: ON					
583	252 06:16:32	32			CC7GCP	GYRO C ON	PWR		01270:34:011F	00-251/21:45:36	2ECp
584	252 06:16:32	32			CC7PC	(373) GYRO C ON	AACS		01270:34:013F	00-251/21:45:36	2ECa
585	252 06:16:33	32			CC7GBP	GYRO B ON	PWR		01270:34:013F	00-251/21:45:36	2ECp
586	252 06:16:33	32					AACS		01270:34:013F	00-251/21:45:36	2ESa
						AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON					
587	252 06:16:33	32			CC7GBP	GYRO B ON	PWR		01270:34:015F	00-251/21:45:36	2ECp
588	252 06:16:33	32			CC7PC	(363) GYRO B ON	AACS		01270:34:018F	00-251/21:45:36	2ECa
589	252 06:17:01	32				DRIRU INITIALIZATION			01270:34:484F	00-251/21:46:04	2T
590	252 06:17:02	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		01270:34:501F	00-251/21:46:05	2ECa
591	252 06:17:31	32				SET CALIB			01270:35:184F	00-251/21:46:34	2T
592	252 06:17:32	32			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		01270:35:203F	00-251/21:46:35	2ECa
593	252 06:26:31	32				START GYRO FAULT TEST			01270:46:384F	00-251/21:55:34	2T
594	252 06:26:32	32			CC7GY	(4) DRIRU FAULT TEST START	AACS		01270:46:401F	00-251/21:55:35	2ECa
595	252 06:26:33	32				END GYONBC32			01270:46:418F	00-251/21:55:36	2T
596	252 07:16:33	32				B- CCSTIMB			01271:49:001F	00-251/22:45:35	2TB

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
597	252 07:16:33	32				EXECUTE CCSTIMB FINE			01271:49:001F	00-251/22:45:35	2T
598	252 12:00:00	32				VGR-32 OWLT IS 08H 30M 59S					2L
599	252 17:45:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8443					2DP
600	252 18:17:04	32	40 SET			10 DEGREE SET DSC-40					2V
601	253 00:00:00	32				VGR-32 OWLT IS 08H 31M 04S					2L
602	253 02:29:17	32	40RISE			10 DEGREE RISE DSC-40					2V
603	253 05:55:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8444 (D/L ONLY)					2DP
604	253 12:00:00	32				VGR-32 OWLT IS 08H 31M 10S					2L
605	253 13:14:23	32		ACE ALL		END S/C-32 COMMAND MORATORIUM					2T
606	253 17:55:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8444					2DP
607	253 18:13:05	32	40 SET			10 DEGREE SET DSC-40					2V
608	253 18:44:49	32			AC7SSB	(4 +184) SS BIAS CONTROL --- YAW	AACS		01316:09:003F	00-253/10:13:35	2ECa
609	254 00:00:00	32				VGR-32 OWLT IS 08H 31M 15S					2L
610	254 02:25:19	32	40RISE			10 DEGREE RISE DSC-40					2V
611	254 05:55:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8445 (D/L ONLY)					2DP
612	254 12:00:00	32				VGR-32 OWLT IS 08H 31M 21S					2L
613	254 17:50:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8445					2DP
614	254 18:09:06	32	40 SET			10 DEGREE SET DSC-40					2V
615	255 00:00:00	32				VGR-32 OWLT IS 08H 31M 26S					2L
616	255 02:21:21	32	40RISE			10 DEGREE RISE DSC-40					2V
617	255 06:30:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8446 (D/L ONLY)					2DP
618	255 12:00:00	32				VGR-32 OWLT IS 08H 31M 32S					2L



FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
631	256 07:18:05	32		ACE OPCH		FDS STATUS EL-40/X40/S40 MEM:PB/FDS11 SA/FDS11	FDS	CE-40	01391:50:001F	00-255/22:46:23	2ESf
632	256 07:18:05	32			CC3A	(30310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		01391:50:002F	00-255/22:46:23	2ECs
633	256 07:33:17	32				.05 ALL AXES DEADBAND			01392:09:001F	00-255/23:01:35	2T
634	256 07:33:17	32			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		01392:09:003F	00-255/23:01:35	2ECa
635	256 07:49:17	32			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		01392:29:002F	00-255/23:17:35	2ECa
636	256 07:49:17	32				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		01392:29:002F	00-255/23:17:35	2ESa
637	256 07:49:17	32			CC7GARP	GYRO A OFF	PWR		01392:29:003F	00-255/23:17:35	2ECp
638	256 07:49:17	32			CC7GARP	GYRO A OFF	PWR		01392:29:005F	00-255/23:17:35	2ECp
639	256 07:49:17	32			CC7PC	(352) GYRO A OFF	AACS		01392:29:007F	00-255/23:17:36	2ECa
640	256 07:49:17	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		01392:29:007F	00-255/23:17:36	2ECp
641	256 07:49:17	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		01392:29:009F	00-255/23:17:36	2ECp
642	256 07:49:17	32			CC7PC	(312) DUMMY PWR CMD	AACS		01392:29:012F	00-255/23:17:36	2ECa
643	256 07:50:04	32	45	OPCH 45		ASCAL =====					2TD
644	256 07:50:05	32				START FIRST YAW DRIFT TURN			01392:30:001F	00-255/23:18:23	2T
645	256 07:50:05	32			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		01392:30:003F	00-255/23:18:23	2ECa

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
646	256 07:54:05	32			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		01392:35:003F	00-255/23:22:23	2ECa
647	256 08:02:05	32			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		01392:45:003F	00-255/23:30:23	2ECa
648	256 08:06:05	32			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		01392:50:003F	00-255/23:34:23	2ECa
649	256 08:06:05	32	45	OPCH 45		ASCAL =====					2TD
						END YAW DRIFT TURNS					
650	256 08:06:06	32				END THIRD YAW DRIFT TURN			01392:50:018F	00-255/23:34:24	2T
651	256 08:06:52	32	45	OPCH 45		ASCAL =====					2TD
						START PITCH DRIFT TURNS					
652	256 08:06:53	32				START FIRST PITCH DRIFT TURN			01392:51:001F	00-255/23:35:11	2T
653	256 08:06:53	32			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		01392:51:003F	00-255/23:35:11	2ECa
654	256 08:10:53	32			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		01392:56:003F	00-255/23:39:11	2ECa
655	256 08:18:53	32			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		01393:06:003F	00-255/23:47:11	2ECa
656	256 08:22:53	32			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		01393:11:003F	00-255/23:51:11	2ECa
657	256 08:22:53	32	45	OPCH 45		ASCAL =====					2TD
						END PITCH DRIFT TURNS					
658	256 08:22:54	32				END THIRD PITCH DRIFT TURN			01393:11:018F	00-255/23:51:12	2T
659	256 08:24:29	32			CC7SS	(1) SS SEARCH ENABLE	AACS		01393:13:001F	00-255/23:52:47	2ECa
660	256 08:24:29	32				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS	01393:13:001F	00-255/23:52:47	2ESa	



FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
678	256 08:30:05	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	01393:20:001F	00-255/23:58:23	2ESf
679	256 08:30:05	32			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		01393:20:002F	00-255/23:58:23	2ECs
680	256 08:35:41	32				B- YAWDB			01393:27:001F	00-256/00:03:59	2TB
681	256 08:35:41	32				YAWDB - .10			01393:27:001F	00-256/00:03:59	2T
682	256 08:35:41	32				B- ROLLDB			01393:27:001F	00-256/00:03:59	2TB
683	256 08:35:41	32				ROLLDB - .25			01393:27:001F	00-256/00:03:59	2T
684	256 08:35:41	32			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		01393:27:003F	00-256/00:03:59	2ECa
685	256 08:35:41	32			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		01393:27:005F	00-256/00:04:00	2ECa
686	256 08:35:42	32	45	OPCH 45		END ASCAL					2TD
687	256 08:37:17	32				RESTART GYRO FAULT TEST			01393:29:001F	00-256/00:05:35	2T
688	256 08:37:17	32			CC7GY	(4) DRIRU FAULT TEST START	AACS		01393:29:001F	00-256/00:05:35	2ECa
689	256 09:45:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-8447					2DP
690	256 12:00:00	32				VGR-32 OWLT IS 08H 31M 43S					2L
691	256 14:15:00	32	34	AO	OPCH ACE	AOS DSS-34 PASS-8447 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
692	256 17:45:00	32	34	LO	OPCH ACE	LOS DSS-34 PASS-8447					2DP
693	256 18:01:08	32	40	SET		10 DEGREE SET DSC-40					2V
694	257 00:00:00	32				VGR-32 OWLT IS 08H 31M 48S					2L
695	257 02:13:26	32	40	RISE		10 DEGREE RISE DSC-40					2V





FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
711	257 04:36:38	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	01418:28:001F	00-256/20:04:47	2ESf
712	257 04:36:38	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		01418:28:001F	00-256/20:04:47	2ECs
713	257 04:36:39	32				B- DRCRUS			01418:28:018F	00-256/20:04:48	2TB
714	257 04:36:39	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		01418:28:025F	00-256/20:04:49	2ECf
715	257 04:37:26	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	01418:29:001F	00-256/20:05:35	2ESf
716	257 04:37:26	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		01418:29:001F	00-256/20:05:35	2ECd
717	257 04:37:26	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0841	DTR		01418:29:001F	00-256/20:05:35	2ESd
718	257 04:37:26	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		01418:29:002F	00-256/20:05:35	2ECs
719	257 04:37:27	32				END PWSREC			01418:29:018F	00-256/20:05:36	2T
720	257 09:30:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8448 (D/L ONLY)					2DP
721	257 12:00:00	32				VGR-32 OWLT IS 08H 31M 54S					2L





FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT 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	259 07:30:51	32			AC7TCD	(322 033167) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		01482:05:219F	00-258/22:58:36	2ECa
757	259 11:55:51	32			SC32AJ	(10) PLS CONFIG CMD	FDS		01487:36:392F	00-259/03:23:35	2ECf
758	259 12:00:00	32				VGR-32 OWLT IS 08H 32M 16S					2L
759	259 12:28:59	32			SC32AJ	(11) PLS CONFIG CMD	FDS		01488:17:708F	00-259/03:56:42	2ECf
760	259 13:02:08	32				ROLL TURN COMPLETE (NOMINAL)			01488:59:251F	00-259/04:29:50	2T
761	259 13:04:34	32			CC7PC	(345) CMDED TURN COMPLETE	AACS		01489:02:290F	00-259/04:32:17	2ECa
762	259 13:09:54	32			SC32AJ	(15) PLS CONFIG CMD	FDS		01489:09:025F	00-259/04:37:37	2ECf
763	259 13:18:54	32				RESET CALIB			01489:20:218F	00-259/04:46:36	2T
764	259 13:18:54	32			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		01489:20:220F	00-259/04:46:36	2ECa
765	259 13:19:24	32			CC7SS	(1) SS SEARCH ENABLE	AACS		01489:20:718F	00-259/04:47:06	2ECa
766	259 13:19:24	32				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		01489:20:718F	00-259/04:47:06	2ESa
767	259 13:19:24	32			CC7PC	(327) IDET ACQUIRED	AACS		01489:20:719F	00-259/04:47:06	2ECa
768	259 13:19:24	32			CC7GARP	GYRO A OFF	PWR		01489:20:719F	00-259/04:47:06	2ECp
769	259 13:19:24	32			CC7GARP	GYRO A OFF	PWR		01489:20:721F	00-259/04:47:07	2ECp
770	259 13:19:24	32			CC7PC	(352) GYRO A OFF	AACS		01489:20:724F	00-259/04:47:07	2ECa
771	259 13:19:24	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		01489:20:724F	00-259/04:47:07	2ECp
772	259 13:19:24	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		01489:20:726F	00-259/04:47:07	2ECp
773	259 13:19:24	32			CC7PC	(312) DUMMY PWR CMD	AACS		01489:20:728F	00-259/04:47:07	2ECa
774	259 13:25:24	32			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		01489:28:318F	00-259/04:53:06	2ECa
775	259 13:26:29	32				GYROS OFF			01489:29:601F	00-259/04:54:11	2T

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
776	259 13:26:29	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		01489:29:601F	00-259/04:54:11	2ESa
777	259 13:26:29	32			CC7PC	(307) STAR ACQUIRED	AACS		01489:29:602F	00-259/04:54:11	2ECa
778	259 13:26:29	32			CC7GCRP	GYRO C OFF	PWR		01489:29:602F	00-259/04:54:11	2ECp
779	259 13:26:29	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF	AACS		01489:29:602F	00-259/04:54:11	2ESa
780	259 13:26:29	32			CC7GCRP	GYRO C OFF	PWR		01489:29:605F	00-259/04:54:11	2ECp
781	259 13:26:29	32			CC7PC	(372) GYRO C OFF	AACS		01489:29:607F	00-259/04:54:12	2ECa
782	259 13:26:29	32			CC7GBRP	GYRO B OFF	PWR		01489:29:607F	00-259/04:54:12	2ECp
783	259 13:26:29	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: OFF	AACS		01489:29:607F	00-259/04:54:12	2ESa
784	259 13:26:29	32			CC7GBRP	GYRO B OFF	PWR		01489:29:609F	00-259/04:54:12	2ECp
785	259 13:26:29	32			CC7PC	(362) GYRO B OFF	AACS		01489:29:611F	00-259/04:54:12	2ECa
786	259 13:26:29	32			CC7GARP	GYRO A OFF	PWR		01489:29:612F	00-259/04:54:12	2ECp
787	259 13:26:30	32			CC7GARP	GYRO A OFF	PWR		01489:29:614F	00-259/04:54:12	2ECp
788	259 13:26:30	32			CC7PC	(352) GYRO A OFF	AACS		01489:29:616F	00-259/04:54:12	2ECa
789	259 13:26:30	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		01489:29:617F	00-259/04:54:12	2ECp
790	259 13:26:30	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		01489:29:619F	00-259/04:54:12	2ECp
791	259 13:26:30	32			CC7PC	(312) DUMMY PWR CMD	AACS		01489:29:621F	00-259/04:54:12	2ECa



FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
808	260 14:25:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8451					2DP
809	260 17:45:13	32	40 SET			10 DEGREE SET DSC-40					2V
810	260 20:21:37	32		ACE ALL		END S/C-32 COMMAND MORATORIUM					2T
811	261 00:00:00	32				VGR-32 OWLT IS 08H 32M 33S					2L
812	261 01:57:37	32	40RISE			10 DEGREE RISE DSC-40					2V
813	261 05:50:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8452 (D/L ONLY)					2DP
814	261 12:00:00	32				VGR-32 OWLT IS 08H 32M 39S					2L
815	261 13:26:51	32				END GAIN32			01549:29:584F	00-261/04:54:10	2T
816	261 17:25:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8452					2DP
817	261 17:41:14	32	40 SET			10 DEGREE SET DSC-40					2V
818	262 00:00:00	32				VGR-32 OWLT IS 08H 32M 45S					2L
819	262 01:53:40	32	40RISE			10 DEGREE RISE DSC-40					2V
820	262 07:55:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8453 (D/L ONLY)					2DP
821	262 12:00:00	32				VGR-32 OWLT IS 08H 32M 51S					2L
822	262 16:30:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8453					2DP
823	262 16:59:17	32			AC7SSB	(4 +186) SS BIAS CONTROL --- YAW	AACS		01583:55:003F	00-262/08:26:23	2ECa
824	262 17:37:16	32	40 SET			10 DEGREE SET DSC-40					2V
825	263 00:00:00	32				VGR-32 OWLT IS 08H 32M 56S					2L
826	263 01:49:43	32	40RISE			10 DEGREE RISE DSC-40					2V
827	263 09:45:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8454 (D/L ONLY)					2DP
828	263 12:00:00	32				VGR-32 OWLT IS 08H 33M 02S					2L
829	263 16:45:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8454					2DP





FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
844	264 04:13:54	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:0848	DTR		01627:57:735F	00-263/19:40:43	2ESd
845	264 04:13:58	32		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PB/FDS11 SA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	01627:58:001F	00-263/19:40:47	2ESf
846	264 04:13:58	32			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		01627:58:002F	00-263/19:40:47	2ECs
847	264 04:13:59	32				B- DRCRUS			01627:58:018F	00-263/19:40:48	2TB
848	264 04:13:59	32			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		01627:58:025F	00-263/19:40:49	2ECf
849	264 04:14:46	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	01627:59:001F	00-263/19:41:35	2ESf
850	264 04:14:46	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		01627:59:001F	00-263/19:41:35	2ECd
851	264 04:14:46	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1139	DTR		01627:59:001F	00-263/19:41:35	2ESd
852	264 04:14:46	32			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		01627:59:002F	00-263/19:41:35	2ECs





FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
882	264 14:05:15	32			CC1T	BAY 1 HTR ON	PWR		01640:17:001F	00-264/05:31:59	2ECp
883	264 14:30:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8455 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
884	264 17:10:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8455					2DP
885	264 17:29:18	32	40 SET			10 DEGREE SET DSC-40					2V
886	265 00:00:00	32				VGR-32 OWLT IS 08H 33M 19S					2L
887	265 01:41:50	32	40RISE			10 DEGREE RISE DSC-40					2V
888	265 06:30:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8456 (D/L ONLY)					2DP
889	265 12:00:00	32				VGR-32 OWLT IS 08H 33M 25S					2L
890	265 17:10:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8456					2DP
891	265 17:25:20	32	40 SET			10 DEGREE SET DSC-40					2V
892	265 20:58:28	32		ACE ALL		END S/C-32 COMMAND MORATORIUM					2T
893	266 00:00:00	32				VGR-32 OWLT IS 08H 33M 31S					2L
894	266 01:37:53	32	40RISE			10 DEGREE RISE DSC-40					2V
895	266 06:45:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8457 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
896	266 12:00:00	32				VGR-32 OWLT IS 08H 33M 37S					2L
897	266 14:05:39	32				END BASLIN			01700:17:018F	00-266/05:32:00	2T
898	266 16:50:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8457					2DP
899	266 17:21:22	32	40 SET			10 DEGREE SET DSC-40					2V
900	267 00:00:00	32				VGR-32 OWLT IS 08H 33M 43S					2L
901	267 01:33:57	32	40RISE			10 DEGREE RISE DSC-40					2V
902	267 03:45:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8458 (D/L ONLY)					2DP

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
903	267 04:06:33	32			AC7SSB	(4 +187) SS BIAS CONTROL --- YAW	AACS		01717:48:003F	00-266/19:32:47	2ECa
904	267 12:00:00	32				VGR-32 OWLT IS 08H 33M 48S					2L
905	267 17:00:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8458					2DP
906	267 17:17:23	32	40 SET			10 DEGREE SET DSC-40					2V
907	268 00:00:00	32				VGR-32 OWLT IS 08H 33M 54S					2L
908	268 01:30:00	32	40RISE			10 DEGREE RISE DSC-40					2V
909	268 06:30:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8459 (D/L ONLY)					2DP
910	268 12:00:00	32				VGR-32 OWLT IS 08H 34M 00S					2L
911	268 16:55:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8459					2DP
912	268 17:13:25	32	40 SET			10 DEGREE SET DSC-40					2V
913	269 00:00:00	32				VGR-32 OWLT IS 08H 34M 06S					2L
914	269 01:26:04	32	40RISE			10 DEGREE RISE DSC-40					2V
915	269 08:10:58	32			AC7SSB	(3 -018) SS BIAS CONTROL - PITCH	AACS		01782:53:003F	00-268/23:36:47	2ECa
916	269 08:15:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8460 (D/L ONLY)					2DP
917	269 12:00:00	32				VGR-32 OWLT IS 08H 34M 12S					2L
918	269 17:05:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8460					2DP
919	269 17:09:27	32	40 SET			10 DEGREE SET DSC-40					2V
920	270 00:00:00	32				VGR-32 OWLT IS 08H 34M 18S					2L
921	270 01:22:08	32	40RISE			10 DEGREE RISE DSC-40					2V
922	270 07:00:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8461 (D/L ONLY)					2DP
923	270 12:00:00	32				VGR-32 OWLT IS 08H 34M 24S					2L
924	270 15:45:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8461					2DP
925	270 17:05:29	32	40 SET			10 DEGREE SET DSC-40					2V



FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
938	271 03:51:19	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	01837:28:001F	00-270/19:16:47	2ESf
939	271 03:51:19	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		01837:28:002F	00-270/19:16:47	2ECs
940	271 03:51:20	32				B- DRCRUS			01837:28:018F	00-270/19:16:48	2TB
941	271 03:51:20	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		01837:28:025F	00-270/19:16:49	2ECf
942	271 03:52:07	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	01837:29:001F	00-270/19:17:35	2ESf
943	271 03:52:07	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		01837:29:001F	00-270/19:17:35	2ECd
944	271 03:52:07	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1437	DTR		01837:29:001F	00-270/19:17:35	2ESd
945	271 03:52:07	32			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		01837:29:002F	00-270/19:17:35	2ECs
946	271 03:52:08	32				END PWSREC			01837:29:018F	00-270/19:17:36	2T
947	271 08:30:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8462 (D/L ONLY)					2DP
948	271 12:00:00	32				VGR-32 OWLT IS 08H 34M 35S					2L



FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
949	271 15:13:49	32			AC7SSB	(4 +188) SS BIAS CONTROL --- YAW	AACS		01851:41:003F	00-271/06:39:11	2ECa
950	271 16:45:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8462					2DP
951	271 17:01:31	32	40 SET			10 DEGREE SET DSC-40					2V
952	272 00:00:00	32				VGR-32 OWLT IS 08H 34M 41S					2L
953	272 01:14:16	32	40RISE			10 DEGREE RISE DSC-40					2V
954	272 10:00:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8463 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
955	272 12:00:00	32				VGR-32 OWLT IS 08H 34M 47S					2L
956	272 14:55:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8463					2DP
957	272 16:57:33	32	40 SET			10 DEGREE SET DSC-40					2V
958	273 00:00:00	32				VGR-32 OWLT IS 08H 34M 53S					2L
959	273 01:10:20	32	40RISE			10 DEGREE RISE DSC-40					2V
960	273 05:40:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8464 (D/L ONLY)					2DP
961	273 12:00:00	32				VGR-32 OWLT IS 08H 34M 59S					2L
962	273 16:50:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8464					2DP
963	273 16:53:35	32	40 SET			10 DEGREE SET DSC-40					2V
964	274 00:00:00	32				VGR-32 OWLT IS 08H 35M 05S					2L
965	274 01:06:25	32	40RISE			10 DEGREE RISE DSC-40					2V
966	274 05:40:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8465 (D/L ONLY)					2DP
967	274 12:00:00	32				VGR-32 OWLT IS 08H 35M 11S					2L
968	274 16:30:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8465					2DP
969	274 16:49:37	32	40 SET			10 DEGREE SET DSC-40					2V
970	275 00:00:00	32				VGR-32 OWLT IS 08H 35M 17S					2L
971	275 01:02:29	32	40RISE			10 DEGREE RISE DSC-40					2V

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
972	275 05:40:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8466 (D/L ONLY)					2DP
973	275 12:00:00	32				VGR-32 OWLT IS 08H 35M 23S					2L
974	275 16:30:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8466					2DP
975	275 16:45:39	32	40 SET			10 DEGREE SET DSC-40					2V
976	275 18:45:02	32			AC7SSB	(3 -017) SS BIAS CONTROL - PITCH	AACS		01976:04:003F	00-275/10:09:35	2ECa
977	276 00:00:00	32				VGR-32 OWLT IS 08H 35M 29S					2L
978	276 00:35:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8467 (D/L ONLY)					2DP
979	276 00:58:34	32	40RISE			10 DEGREE RISE DSC-40					2V
980	276 02:21:06	32			AC7SSB	(4 +189) SS BIAS CONTROL --- YAW	AACS		01985:34:003F	00-275/17:45:35	2ECa
981	276 05:05:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8467					2DP
982	276 05:30:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8467 (D/L ONLY)					2DP
983	276 12:00:00	32				VGR-32 OWLT IS 08H 35M 35S					2L
984	276 14:35:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8467					2DP
985	276 16:41:42	32	40 SET			10 DEGREE SET DSC-40					2V
986	277 00:00:00	32				VGR-32 OWLT IS 08H 35M 40S					2L
987	277 00:54:39	32	40RISE			10 DEGREE RISE DSC-40					2V
988	277 03:40:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8468 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
989	277 12:00:00	32				VGR-32 OWLT IS 08H 35M 46S					2L
990	277 14:30:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8468					2DP
991	277 16:37:44	32	40 SET			10 DEGREE SET DSC-40					2V
992	278 00:00:00	32				VGR-32 OWLT IS 08H 35M 52S					2L
993	278 00:50:43	32	40RISE			10 DEGREE RISE DSC-40					2V



FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1005	278 03:28:42	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		02046:58:002F	00-277/18:52:47	2ECs
1006	278 03:28:43	32				B- DRCRUS			02046:58:018F	00-277/18:52:48	2TB
1007	278 03:28:43	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		02046:58:025F	00-277/18:52:49	2ECF
1008	278 03:29:30	32		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	02046:59:001F	00-277/18:53:35	2ESF
1009	278 03:29:30	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		02046:59:001F	00-277/18:53:35	2ECd
1010	278 03:29:30	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1735	DTR		02046:59:001F	00-277/18:53:35	2ESd
1011	278 03:29:30	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		02046:59:002F	00-277/18:53:35	2ECs
1012	278 03:29:31	32				END PWSREC			02046:59:018F	00-277/18:53:36	2T
1013	278 08:25:00	32	34	AO	OPCH ACE	AOS DSS-34 PASS-8469 (D/L ONLY)					2DP
1014	278 12:00:00	32				VGR-32 OWLT IS 08H 35M 58S					2L
1015	278 14:30:00	32	34	LO	OPCH ACE	LOS DSS-34 PASS-8469					2DP
1016	278 16:33:46	32	40	SET		10 DEGREE SET DSC-40					2V
1017	279 00:00:00	32				VGR-32 OWLT IS 08H 36M 04S					2L
1018	279 00:46:48	32	40	RISE		10 DEGREE RISE DSC-40					2V

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1019	279 02:15:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8470 (D/L ONLY)					2DP
1020	279 06:15:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8470					2DP
1021	279 09:15:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8470 (D/L ONLY)					2DP
1022	279 12:00:00	32				VGR-32 OWLT IS 08H 36M 10S					2L
1023	279 14:25:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8470					2DP
1024	279 16:29:49	32	40 SET			10 DEGREE SET DSC-40					2V
1025	280 00:00:00	32				VGR-32 OWLT IS 08H 36M 16S					2L
1026	280 00:42:54	32	40RISE			10 DEGREE RISE DSC-40					2V
1027	280 08:00:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8471 (D/L ONLY)					2DP
1028	280 12:00:00	32				VGR-32 OWLT IS 08H 36M 22S					2L
1029	280 14:20:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8471					2DP
1030	280 16:25:52	32	40 SET			10 DEGREE SET DSC-40					2V
1031	281 00:00:00	32				VGR-32 OWLT IS 08H 36M 28S					2L
1032	281 00:38:59	32	40RISE			10 DEGREE RISE DSC-40					2V
1033	281 02:05:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8472 (D/L ONLY)					2DP
1034	281 12:00:00	32				VGR-32 OWLT IS 08H 36M 34S					2L
1035	281 14:15:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8472					2DP
1036	281 16:21:54	32	40 SET			10 DEGREE SET DSC-40					2V
1037	282 00:00:00	32				VGR-32 OWLT IS 08H 36M 40S					2L
1038	282 00:35:04	32	40RISE			10 DEGREE RISE DSC-40					2V
1039	282 02:00:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8473 (D/L ONLY)					2DP
1040	282 05:19:07	32			AC7SSB	(3 -016) SS BIAS CONTROL - PITCH	AACS		02169:15:003F	00-281/20:42:23	2ECa
1041	282 07:40:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8473					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
1073	285 03:06:53	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	02256:29:001F	00-284/18:29:35	2ESf
1074	285 03:06:53	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		02256:29:001F	00-284/18:29:35	2ECd
1075	285 03:06:53	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2033	DTR		02256:29:001F	00-284/18:29:35	2ESd
1076	285 03:06:53	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		02256:29:002F	00-284/18:29:35	2ECs
1077	285 03:06:54	32				END PWSREC			02256:29:018F	00-284/18:29:36	2T
1078	285 04:50:00	32	34	LO OPCH ACE		LOS DSS-34 PASS-8476					2DP
1079	285 08:55:00	32	45	AO OPCH ACE		AOS DSS-45 PASS-8476 (D/L ONLY)					2DP
1080	285 12:00:00	32				VGR-32 OWLT IS 08H 37M 22S					2L
1081	285 13:55:00	32	45	LO OPCH ACE		LOS DSS-45 PASS-8476					2DP
1082	285 16:06:06	32	40	SET		10 DEGREE SET DSC-40					2V
1083	286 00:00:00	32				VGR-32 OWLT IS 08H 37M 28S					2L
1084	286 00:19:26	32	40	RISE		10 DEGREE RISE DSC-40					2V
1085	286 02:25:00	32	34	AO OPCH ACE		AOS DSS-34 PASS-8477 (D/L ONLY)					2DP
1086	286 11:15:00	32	34	LO OPCH ACE		LOS DSS-34 PASS-8477					2DP
1087	286 12:00:00	32				VGR-32 OWLT IS 08H 37M 34S					2L
1088	286 16:02:09	32	40	SET		10 DEGREE SET DSC-40					2V
1089	287 00:00:00	32				VGR-32 OWLT IS 08H 37M 40S					2L
1090	287 00:15:32	32	40	RISE		10 DEGREE RISE DSC-40					2V



FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1091	287 05:15:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8478 (D/L ONLY)					2DP
1092	287 12:00:00	32				VGR-32 OWLT IS 08H 37M 46S					2L
1093	287 13:40:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8478					2DP
1094	287 15:58:12	32	40 SET			10 DEGREE SET DSC-40					2V
1095	288 00:00:00	32				VGR-32 OWLT IS 08H 37M 52S					2L
1096	288 00:11:38	32	40RISE			10 DEGREE RISE DSC-40					2V
1097	288 05:25:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8479 (D/L ONLY)					2DP
1098	288 12:00:00	32				VGR-32 OWLT IS 08H 37M 58S					2L
1099	288 13:35:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8479					2DP
1100	288 15:53:12	32			AC7SSB	(3 -015) SS BIAS CONTROL - PITCH	AACS		02362:26:003F	00-288/07:15:11	2ECa
1101	288 15:54:16	32	40 SET			10 DEGREE SET DSC-40					2V
1102	289 00:00:00	32				VGR-32 OWLT IS 08H 38M 04S					2L
1103	289 00:07:44	32	40RISE			10 DEGREE RISE DSC-40					2V
1104	289 01:05:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8480 (D/L ONLY)					2DP
1105	289 12:00:00	32				VGR-32 OWLT IS 08H 38M 09S					2L
1106	289 15:20:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8480					2DP
1107	289 15:50:19	32	40 SET			10 DEGREE SET DSC-40					2V
1108	290 00:00:00	32				VGR-32 OWLT IS 08H 38M 15S					2L
1109	290 00:03:50	32	40RISE			10 DEGREE RISE DSC-40					2V
1110	290 06:30:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8481 (D/L ONLY)					2DP
1111	290 12:00:00	32				VGR-32 OWLT IS 08H 38M 21S					2L
1112	290 13:25:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8481					2DP
1113	290 13:27:10	32			AC7SSB	(4 +190) SS BIAS CONTROL --- YAW	AACS		02419:23:003F	00-290/04:48:47	2ECa



FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT 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	292 02:42:40	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		02465:57:009F	00-291/18:04:00	2ECf
1133	292 02:43:24	32				BEGIN RECORDING PWS DATA			02465:57:734F	00-291/18:04:43	2T
1134	292 02:43:24	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		02465:57:735F	00-291/18:04:43	2ECd
1135	292 02:43:24	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2040	DTR		02465:57:735F	00-291/18:04:43	2ESd
1136	292 02:43:29	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	02465:58:001F	00-291/18:04:47	2ESf
1137	292 02:43:29	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		02465:58:002F	00-291/18:04:47	2ECs
1138	292 02:43:30	32				B- DRCRUS			02465:58:018F	00-291/18:04:48	2TB
1139	292 02:43:30	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		02465:58:025F	00-291/18:04:49	2ECf
1140	292 02:44:17	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	02465:59:001F	00-291/18:05:35	2ESf
1141	292 02:44:17	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		02465:59:001F	00-291/18:05:35	2ECd





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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1169	293 03:15:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8484 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
1170	293 12:00:00	32				VGR-32 OWLT IS 08H 38M 57S					2L
1171	293 13:05:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8484					2DP
1172	293 15:34:33	32	40 SET			10 DEGREE SET DSC-40					2V
1173	293 23:48:16	32	40RISE			10 DEGREE RISE DSC-40					2V
1174	294 00:00:00	32				VGR-32 OWLT IS 08H 39M 03S					2L
1175	294 04:35:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8485 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
1176	294 12:00:00	32				VGR-32 OWLT IS 08H 39M 09S					2L
1177	294 13:00:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8485					2DP
1178	294 15:30:37	32	40 SET			10 DEGREE SET DSC-40					2V
1179	294 23:44:23	32	40RISE			10 DEGREE RISE DSC-40					2V
1180	295 00:00:00	32				VGR-32 OWLT IS 08H 39M 15S					2L
1181	295 02:27:16	32			AC7SSB	(3 -014) SS BIAS CONTROL - PITCH	AACS		02555:37:003F	00-294/17:47:59	2ECa
1182	295 05:05:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8486 (D/L ONLY)					2DP
1183	295 12:00:00	32				VGR-32 OWLT IS 08H 39M 20S					2L
1184	295 15:05:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8486					2DP
1185	295 15:26:41	32	40 SET			10 DEGREE SET DSC-40					2V
1186	295 23:40:29	32	40RISE			10 DEGREE RISE DSC-40					2V
1187	296 00:00:00	32				VGR-32 OWLT IS 08H 39M 26S					2L
1188	296 01:20:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8487 (D/L ONLY)					2DP
1189	296 05:20:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8487					2DP
1190	296 12:00:00	32				VGR-32 OWLT IS 08H 39M 32S					2L



FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1210	299 02:20:03	32				BEGIN PWSREC			02675:27:001F	00-298/17:39:59	2T
1211	299 02:20:03	32				B- DRGS4B			02675:27:001F	00-298/17:39:59	2TB
1212	299 02:20:03	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		02675:27:009F	00-298/17:40:00	2ECf
1213	299 02:20:47	32				BEGIN RECORDING PWS DATA			02675:27:734F	00-298/17:40:43	2T
1214	299 02:20:47	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		02675:27:735F	00-298/17:40:43	2ECd
1215	299 02:20:47	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2338	DTR		02675:27:735F	00-298/17:40:43	2ESd
1216	299 02:20:51	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	02675:28:001F	00-298/17:40:47	2ESf
1217	299 02:20:51	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		02675:28:002F	00-298/17:40:47	2ECs
1218	299 02:20:52	32				B- DRCRUS			02675:28:018F	00-298/17:40:48	2TB
1219	299 02:20:52	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		02675:28:025F	00-298/17:40:49	2ECf
1220	299 02:21:39	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	02675:29:001F	00-298/17:41:35	2ESf



FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT 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	299 02:21:39	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		02675:29:001F	00-298/17:41:35	2ECd
1222	299 02:21:39	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2629	DTR	02675:29:001F	00-298/17:41:35	2ESd	
1223	299 02:21:39	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	02675:29:002F	00-298/17:41:35	2ECs	
1224	299 02:21:40	32				END PWSREC		02675:29:018F	00-298/17:41:36	2T	
1225	299 02:30:00	32	34	AO	OPCH ACE	AOS DSS-34 PASS-8490 (D/L ONLY)				2DP	
1226	299 12:00:00	32				VGR-32 OWLT IS 08H 40M 07S				2L	
1227	299 12:20:00	32	34	LO	OPCH ACE	LOS DSS-34 PASS-8490				2DP	
1228	299 15:10:57	32	40	SET		10 DEGREE SET DSC-40				2V	
1229	299 23:24:57	32	40	RISE		10 DEGREE RISE DSC-40				2V	
1230	300 00:00:00	32				VGR-32 OWLT IS 08H 40M 13S				2L	
1231	300 06:30:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-8491 (D/L ONLY)				2DP	
1232	300 12:00:00	32				VGR-32 OWLT IS 08H 40M 19S				2L	
1233	300 14:50:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-8491				2DP	
1234	300 15:07:02	32	40	SET		10 DEGREE SET DSC-40				2V	
1235	300 23:21:05	32	40	RISE		10 DEGREE RISE DSC-40				2V	
1236	301 00:00:00	32				VGR-32 OWLT IS 08H 40M 25S				2L	
1237	301 03:05:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-8492 (D/L ONLY)				2DP	
1238	301 12:00:00	32				VGR-32 OWLT IS 08H 40M 31S				2L	
1239	301 13:01:19	32			AC7SSB	(3 -013) SS BIAS CONTROL - PITCH	AACS	02748:48:002F	00-301/04:20:47	2ECa	
1240	301 14:45:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-8492				2DP	

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1241	301 15:03:06	32	40	SET		10 DEGREE SET DSC-40					2V
1242	301 23:17:12	32	40	RISE		10 DEGREE RISE DSC-40					2V
1243	302 00:00:00	32				VGR-32 OWLT IS 08H 40M 36S					2L
1244	302 05:15:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-8493 (D/L ONLY)					2DP
1245	302 12:00:00	32				VGR-32 OWLT IS 08H 40M 42S					2L
1246	302 14:40:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-8493					2DP
1247	302 14:59:11	32	40	SET		10 DEGREE SET DSC-40					2V
1248	302 23:13:20	32	40	RISE		10 DEGREE RISE DSC-40					2V
1249	303 00:00:00	32				VGR-32 OWLT IS 08H 40M 48S					2L
1250	303 07:15:00	32	34	AO	OPCH ACE	AOS DSS-34 PASS-8494 (D/L ONLY)					2DP
1251	303 11:45:00	32	34	LO	OPCH ACE	LOS DSS-34 PASS-8494					2DP
1252	303 12:00:00	32				VGR-32 OWLT IS 08H 40M 54S					2L
1253	303 14:55:15	32	40	SET		10 DEGREE SET DSC-40					2V
1254	303 23:09:27	32	40	RISE		10 DEGREE RISE DSC-40					2V
1255	304 00:00:00	32				VGR-32 OWLT IS 08H 40M 59S					2L
1256	304 07:30:00	32	34	AO	OPCH ACE	AOS DSS-34 PASS-8495 (D/L ONLY)					2DP
1257	304 12:00:00	32				VGR-32 OWLT IS 08H 41M 05S					2L
1258	304 14:20:00	32	34	LO	OPCH ACE	LOS DSS-34 PASS-8495					2DP
1259	304 14:51:20	32	40	SET		10 DEGREE SET DSC-40					2V
1260	304 23:05:35	32	40	RISE		10 DEGREE RISE DSC-40					2V
1261	305 00:00:00	32				VGR-32 OWLT IS 08H 41M 11S					2L
1262	305 02:53:12	32			AC7SSB	(3 -012) SS BIAS CONTROL - PITCH	AACS		02856:07:003F	00-304/18:11:59	2ECa
1263	305 05:10:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-8496 (D/L ONLY)					2DP



FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1279	306 01:58:11	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	02884:58:001F	00-305/17:16:47	2ESf
1280	306 01:58:11	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		02884:58:002F	00-305/17:16:47	2ECs
1281	306 01:58:12	32				B- DRCRUS			02884:58:018F	00-305/17:16:48	2TB
1282	306 01:58:12	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		02884:58:025F	00-305/17:16:49	2ECf
1283	306 01:58:59	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	02884:59:001F	00-305/17:17:35	2ESf
1284	306 01:58:59	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		02884:59:001F	00-305/17:17:35	2ECd
1285	306 01:58:59	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2927	DTR		02884:59:001F	00-305/17:17:35	2ESd
1286	306 01:58:59	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		02884:59:002F	00-305/17:17:35	2ECs
1287	306 01:59:00	32				END PWSREC			02884:59:018F	00-305/17:17:36	2T
1288	306 03:20:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8497 (D/L ONLY)					2DP
1289	306 12:00:00	32				VGR-32 OWLT IS 08H 41M 28S					2L

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT 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	306 14:10:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8497					2DP
1291	306 14:43:29	32	40 SET			10 DEGREE SET DSC-40					2V
1292	306 15:52:42	32			AC7SSB	(4 +189) SS BIAS CONTROL --- YAW	AACS		02902:21:003F	00-306/07:11:11	2ECa
1293	306 22:57:50	32	40RISE			10 DEGREE RISE DSC-40					2V
1294	307 00:00:00	32				VGR-32 OWLT IS 08H 41M 33S					2L
1295	307 08:15:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8498 (D/L ONLY)					2DP
1296	307 12:00:00	32				VGR-32 OWLT IS 08H 41M 39S					2L
1297	307 14:25:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8498					2DP
1298	307 14:39:34	32	40 SET			10 DEGREE SET DSC-40					2V
1299	307 22:53:58	32	40RISE			10 DEGREE RISE DSC-40					2V
1300	308 00:00:00	32				VGR-32 OWLT IS 08H 41M 45S					2L
1301	308 04:50:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8499 (D/L ONLY)					2DP
1302	308 12:00:00	32				VGR-32 OWLT IS 08H 41M 50S					2L
1303	308 14:05:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8499					2DP
1304	308 14:35:39	32	40 SET			10 DEGREE SET DSC-40					2V
1305	308 22:04:19	32			AC7SSB	(3 -011) SS BIAS CONTROL - PITCH	AACS		02970:05:003F	00-308/13:22:23	2ECa
1306	308 22:50:06	32	40RISE			10 DEGREE RISE DSC-40					2V
1307	309 00:00:00	32				VGR-32 OWLT IS 08H 41M 56S					2L
1308	309 04:00:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8500 (D/L ONLY)					2DP
1309	309 12:00:00	32				VGR-32 OWLT IS 08H 42M 01S					2L
1310	309 14:00:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8500					2DP
1311	309 14:31:45	32	40 SET			10 DEGREE SET DSC-40					2V
1312	309 22:46:14	32	40RISE			10 DEGREE RISE DSC-40					2V





FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1346	313 01:35:30	32				B- DRCSR			03094:28:018F	00-312/16:52:48	2TB
1347	313 01:35:30	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		03094:28:025F	00-312/16:52:49	2ECf
1348	313 01:36:17	32		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	03094:29:001F	00-312/16:53:35	2ESf
1349	313 01:36:17	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		03094:29:001F	00-312/16:53:35	2ECd
1350	313 01:36:17	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3225	DTR		03094:29:001F	00-312/16:53:35	2ESd
1351	313 01:36:17	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		03094:29:002F	00-312/16:53:35	2ECs
1352	313 01:36:18	32				END PWSREC			03094:29:018F	00-312/16:53:36	2T
1353	313 12:00:00	32				VGR-32 OWLT IS 08H 42M 46S					2L
1354	313 13:50:00	32	34	LO	OPCH ACE	LOS DSS-34 PASS-8504					2DP
1355	313 14:16:06	32	40	SET		10 DEGREE SET DSC-40					2V
1356	313 22:30:47	32	40	RISE		10 DEGREE RISE DSC-40					2V
1357	314 00:00:00	32				VGR-32 OWLT IS 08H 42M 51S					2L
1358	314 05:30:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-8505 (D/L ONLY)					2DP
1359	314 12:00:00	32				VGR-32 OWLT IS 08H 42M 56S					2L
1360	314 13:20:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-8505					2DP
1361	314 14:12:12	32	40	SET		10 DEGREE SET DSC-40					2V



FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1362	314 22:26:56	32	40RISE			10 DEGREE RISE DSC-40					2V
1363	314 23:15:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8506 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
1364	315 00:00:00	32				VGR-32 OWLT IS 08H 43M 02S					2L
1365	315 11:45:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8506					2DP
1366	315 12:00:00	32				VGR-32 OWLT IS 08H 43M 07S					2L
1367	315 14:08:17	32	40 SET			10 DEGREE SET DSC-40					2V
1368	315 22:23:04	32	40RISE			10 DEGREE RISE DSC-40					2V
1369	316 00:00:00	32				VGR-32 OWLT IS 08H 43M 13S					2L
1370	316 00:50:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8507 (D/L ONLY)					2DP
1371	316 12:00:00	32				VGR-32 OWLT IS 08H 43M 18S					2L
1372	316 12:26:30	32			AC7SSB	(3 -009) SS BIAS CONTROL - PITCH	AACS		03198:01:003F	00-316/03:43:11	2ECa
1373	316 13:35:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8507					2DP
1374	316 14:04:23	32	40 SET			10 DEGREE SET DSC-40					2V
1375	316 22:19:13	32	40RISE			10 DEGREE RISE DSC-40					2V
1376	317 00:00:00	32				VGR-32 OWLT IS 08H 43M 23S					2L
1377	317 00:50:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8508 (D/L ONLY)					2DP
1378	317 12:00:00	32				VGR-32 OWLT IS 08H 43M 29S					2L
1379	317 13:30:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8508					2DP
1380	317 14:00:29	32	40 SET			10 DEGREE SET DSC-40					2V
1381	317 22:15:22	32	40RISE			10 DEGREE RISE DSC-40					2V
1382	318 00:00:00	32				VGR-32 OWLT IS 08H 43M 34S					2L
1383	318 08:00:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-8509 (D/L ONLY)					2DP
1384	318 12:00:00	32				VGR-32 OWLT IS 08H 43M 39S					2L



FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1402	320 01:11:55	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		03303:57:009F	00-319/16:28:00	2ECf
1403	320 01:12:39	32				BEGIN RECORDING PWS DATA			03303:57:734F	00-319/16:28:43	2T
1404	320 01:12:39	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		03303:57:735F	00-319/16:28:43	2ECd
1405	320 01:12:39	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:3232	DTR		03303:57:735F	00-319/16:28:43	2ESd
1406	320 01:12:43	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	03303:58:001F	00-319/16:28:47	2ESf
1407	320 01:12:43	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		03303:58:002F	00-319/16:28:47	2ECs
1408	320 01:12:44	32				B- DRCRUS			03303:58:018F	00-319/16:28:48	2TB
1409	320 01:12:44	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		03303:58:025F	00-319/16:28:49	2ECf
1410	320 01:13:31	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	03303:59:001F	00-319/16:29:35	2ESf
1411	320 01:13:31	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		03303:59:001F	00-319/16:29:35	2ECd

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1412	320 01:13:31	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3523	DTR		03303:59:001F	00-319/16:29:35	2ESd
1413	320 01:13:31	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		03303:59:002F	00-319/16:29:35	2ECs
1414	320 01:13:32	32				END PWSREC			03303:59:018F	00-319/16:29:36	2T
1415	320 01:23:55	32				B- DTRMA-1.32			03304:12:001F	00-319/16:39:59	2TB
1416	320 01:23:55	32				BEGIN DTRMA132			03304:12:001F	00-319/16:39:59	2T
1417	320 01:23:55	32			CC16C	(2217) DTR STATE SELECT: SLEW	DTR		03304:12:002F	00-319/16:39:59	2ECd
1418	320 01:23:55	32				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:7 TIC:3530	DTR		03304:12:002F	00-319/16:39:59	2ESd
1419	320 01:28:41	32			EOT	END OF TAPE			03304:17:759F	00-319/16:44:45	2Ed
1420	320 02:38:08	32		ACE	OPCH	>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1421	320 02:38:08	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
1422	320 02:38:20	32				BEGIN PMPCALLR			03305:45:001F	00-319/17:54:23	2T
1423	320 02:42:20	32				B- DR5T			03305:50:001F	00-319/17:58:23	2TB
1424	320 02:42:20	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		03305:50:009F	00-319/17:58:24	2ECf



FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1438	320 06:10:22	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		03310:10:009F	00-319/21:26:24	2ECf
1439	320 06:11:10	32		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	03310:11:001F	00-319/21:27:11	2ESf
1440	320 06:11:10	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		03310:11:002F	00-319/21:27:11	2ECs
1441	320 06:11:11	32				END PMPCALLR			03310:11:018F	00-319/21:27:12	2T
1442	320 06:46:55	32			BOT	BEGIN OF TAPE			03310:55:562F	00-319/22:02:57	2Ed
1443	320 06:50:12	32				TAPE AT BOT			03310:59:634F	00-319/22:06:13	2T
1444	320 06:50:12	32				END DTRMA132			03310:59:634F	00-319/22:06:13	2T
1445	320 06:51:58	32				TAPPOS-3540			03311:02:001F	00-319/22:07:59	2T
1446	320 06:51:58	32			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		03311:02:002F	00-319/22:07:59	2ECd
1447	320 06:51:58	32				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0199	DTR		03311:02:002F	00-319/22:07:59	2ESd
1448	320 06:51:58	32			BOT	BEGIN OF TAPE			03311:02:010F	00-319/22:08:00	2Ed
1449	320 07:37:34	32			AC7SSB	(3 -008) SS BIAS CONTROL - PITCH	AACS		03311:59:003F	00-319/22:53:35	2ECa
1450	320 09:26:37	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		03314:15:239F	00-320/00:42:38	2ECd
1451	320 09:26:37	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3540	DTR		03314:15:239F	00-320/00:42:38	2ESd

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1452	320 09:39:59	32				REV/TRK 2			03314:32:001F	00-320/00:55:59	2T
1453	320 09:39:59	32			CC16C	(7022) DTR STATE SELECT: READY	DTR		03314:32:002F	00-320/00:55:59	2ECd
1454	320 09:39:59	32				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:3540	DTR		03314:32:002F	00-320/00:55:59	2ESd
1455	320 12:00:00	32				VGR-32 OWLT IS 08H 44M 00S					2L
1456	320 13:30:00	32	34	LO	OPCH ACE	LOS DSS-34 PASS-8511					2DP
1457	320 13:48:47	32	40	SET		10 DEGREE SET DSC-40					2V
1458	320 22:03:48	32	40	RISE		10 DEGREE RISE DSC-40					2V
1459	321 00:00:00	32				VGR-32 OWLT IS 08H 44M 05S					2L
1460	321 03:30:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-8512 (D/L ONLY)					2DP
1461	321 10:10:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-8512					2DP
1462	321 12:00:00	32				VGR-32 OWLT IS 08H 44M 10S					2L
1463	321 13:44:53	32	40	SET		10 DEGREE SET DSC-40					2V
1464	321 21:59:57	32	40	RISE		10 DEGREE RISE DSC-40					2V
1465	321 22:15:00	32	34	AO	OPCH ACE	AOS DSS-34 PASS-8513 (D/L ONLY)					2DP
1466	322 00:00:00	32				VGR-32 OWLT IS 08H 44M 16S					2L
1467	322 11:45:00	32	34	LO	OPCH ACE	LOS DSS-34 PASS-8513					2DP
1468	322 12:00:00	32				VGR-32 OWLT IS 08H 44M 21S					2L
1469	322 13:41:00	32	40	SET		10 DEGREE SET DSC-40					2V
1470	322 18:17:59	32			AC7SSB	(4 +188) SS BIAS CONTROL --- YAW	AACS		03385:19:002F	00-322/09:33:35	2ECa
1471	322 21:56:06	32	40	RISE		10 DEGREE RISE DSC-40					2V
1472	323 00:00:00	32				VGR-32 OWLT IS 08H 44M 26S					2L

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1473	323 00:50:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8514 (D/L ONLY)					2DP
1474	323 12:00:00	32				VGR-32 OWLT IS 08H 44M 31S					2L
1475	323 13:20:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8514					2DP
1476	323 13:37:06	32	40 SET			10 DEGREE SET DSC-40					2V
1477	323 21:52:16	32	40RISE			10 DEGREE RISE DSC-40					2V
1478	324 00:00:00	32				VGR-32 OWLT IS 08H 44M 36S					2L
1479	324 00:50:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8515 (D/L ONLY)					2DP
1480	324 02:48:37	32			AC7SSB	(3 -007) SS BIAS CONTROL - PITCH	AACS		03425:57:003F	00-323/18:03:59	2ECa
1481	324 12:00:00	32				VGR-32 OWLT IS 08H 44M 41S					2L
1482	324 13:15:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8515					2DP
1483	324 13:33:13	32	40 SET			10 DEGREE SET DSC-40					2V
1484	324 21:48:25	32	40RISE			10 DEGREE RISE DSC-40					2V
1485	325 00:00:00	32				VGR-32 OWLT IS 08H 44M 46S					2L
1486	325 05:30:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8516 (D/L ONLY)					2DP
1487	325 12:00:00	32				VGR-32 OWLT IS 08H 44M 51S					2L
1488	325 12:55:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8516					2DP
1489	325 13:29:19	32	40 SET			10 DEGREE SET DSC-40					2V
1490	325 21:44:34	32	40RISE			10 DEGREE RISE DSC-40					2V
1491	326 00:00:00	32				VGR-32 OWLT IS 08H 44M 56S					2L
1492	326 05:45:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-8517 (D/L ONLY)					2DP
1493	326 12:00:00	32				VGR-32 OWLT IS 08H 45M 01S					2L
1494	326 13:25:26	32	40 SET			10 DEGREE SET DSC-40					2V
1495	326 13:40:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-8517					2DP



FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1496	326 21:40:43	32	40RISE			10 DEGREE RISE DSC-40					2V
1497	327 00:00:00	32				VGR-32 OWLT IS 08H 45M 06S					2L
1498	327 00:44:54	32		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1499	327 00:44:54	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
1500	327 00:45:42	32		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1501	327 00:45:42	32		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
1502	327 00:49:06	32				BEGIN PWSREC			03513:27:001F	00-326/16:03:59	2T
1503	327 00:49:06	32				B- DRGS4B			03513:27:001F	00-326/16:03:59	2TB
1504	327 00:49:06	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			03513:27:009F	00-326/16:04:00	2ECf
1505	327 00:49:50	32				BEGIN RECORDING PWS DATA			03513:27:734F	00-326/16:04:43	2T
1506	327 00:49:50	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		03513:27:735F	00-326/16:04:43	2ECd
1507	327 00:49:50	32				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:2 TIC:3540	DTR		03513:27:735F	00-326/16:04:43	2ESd

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1508	327 00:49:54	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	03513:28:001F	00-326/16:04:47	2ESf
1509	327 00:49:54	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		03513:28:002F	00-326/16:04:47	2ECs
1510	327 00:49:55	32				B- DRCRUS			03513:28:018F	00-326/16:04:48	2TB
1511	327 00:49:55	32			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		03513:28:025F	00-326/16:04:49	2ECf
1512	327 00:50:42	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	03513:29:001F	00-326/16:05:35	2ESf
1513	327 00:50:42	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		03513:29:001F	00-326/16:05:35	2ECd
1514	327 00:50:42	32				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:3249	DTR		03513:29:001F	00-326/16:05:35	2ESd
1515	327 00:50:42	32			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		03513:29:002F	00-326/16:05:35	2ECs
1516	327 00:50:43	32				END PWSREC			03513:29:018F	00-326/16:05:36	2T
1517	327 04:50:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8518 (D/L ONLY)					2DP
1518	327 12:00:00	32				VGR-32 OWLT IS 08H 45M 11S					2L

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1519	327 13:10:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8518					2DP
1520	327 13:21:33	32	40 SET			10 DEGREE SET DSC-40					2V
1521	327 18:06:49	32			AC7SSB	(4 +187) SS BIAS CONTROL --- YAW	AACS		03535:04:003F	00-327/09:21:35	2ECa
1522	327 21:36:53	32	40RISE			10 DEGREE RISE DSC-40					2V
1523	327 21:59:39	32			AC7SSB	(3 -006) SS BIAS CONTROL - PITCH	AACS		03539:55:003F	00-327/13:14:23	2ECa
1524	328 00:00:00	32				VGR-32 OWLT IS 08H 45M 16S					2L
1525	328 00:45:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8519 (D/L ONLY)					2DP
1526	328 07:45:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8519					2DP
1527	328 12:00:00	32				VGR-32 OWLT IS 08H 45M 20S					2L
1528	328 13:17:39	32	40 SET			10 DEGREE SET DSC-40					2V
1529	328 21:33:02	32	40RISE			10 DEGREE RISE DSC-40					2V
1530	328 22:10:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8520 (D/L ONLY)					2DP
1531	329 00:00:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8520					2DP
1532	329 00:00:00	32				VGR-32 OWLT IS 08H 45M 25S					2L
1533	329 04:45:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8520 (D/L ONLY)					2DP
1534	329 12:00:00	32				VGR-32 OWLT IS 08H 45M 30S					2L
1535	329 13:00:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8520					2DP
1536	329 13:13:46	32	40 SET			10 DEGREE SET DSC-40					2V
1537	329 21:29:11	32	40RISE			10 DEGREE RISE DSC-40					2V
1538	329 22:10:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8521 (D/L ONLY)					2DP
1539	330 00:00:00	32				VGR-32 OWLT IS 08H 45M 35S					2L
1540	330 03:25:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8521					2DP
1541	330 04:45:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8521 (D/L ONLY)					2DP

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1542	330 12:00:00	32				VGR-32 OWLT IS 08H 45M 40S					2L
1543	330 12:55:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8521					2DP
1544	330 13:09:53	32	40 SET			10 DEGREE SET DSC-40					2V
1545	330 21:25:21	32	40RISE			10 DEGREE RISE DSC-40					2V
1546	331 00:00:00	32				VGR-32 OWLT IS 08H 45M 44S					2L
1547	331 01:15:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8522 (D/L ONLY)					2DP
1548	331 03:20:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8522					2DP
1549	331 04:05:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8522 (D/L ONLY)					2DP
1550	331 09:30:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8522					2DP
1551	331 12:00:00	32				VGR-32 OWLT IS 08H 45M 49S					2L
1552	331 13:06:00	32	40 SET			10 DEGREE SET DSC-40					2V
1553	331 17:10:39	32			AC7SSB	(3 -005) SS BIAS CONTROL - PITCH	AACS		03653:53:003F	00-331/08:24:47	2ECa
1554	331 21:21:31	32	40RISE			10 DEGREE RISE DSC-40					2V
1555	332 00:00:00	32				VGR-32 OWLT IS 08H 45M 54S					2L
1556	332 01:44:18	32			AC7SSB	(4 +186) SS BIAS CONTROL --- YAW	AACS		03664:35:003F	00-331/16:58:23	2ECa
1557	332 07:30:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8523 (D/L ONLY)					2DP
1558	332 12:00:00	32				VGR-32 OWLT IS 08H 45M 58S					2L
1559	332 12:45:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8523					2DP
1560	332 13:02:08	32	40 SET			10 DEGREE SET DSC-40					2V
1561	332 21:17:40	32	40RISE			10 DEGREE RISE DSC-40					2V
1562	333 00:00:00	32				VGR-32 OWLT IS 08H 46M 03S					2L
1563	333 05:45:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-8524 (D/L ONLY)					2DP
1564	333 12:00:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-8524					2DP



FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1579	334 00:27:00	32		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PB/FDS11 SA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	03722:58:001F	00-333/15:40:47	2ESf
1580	334 00:27:00	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		03722:58:002F	00-333/15:40:47	2ECs
1581	334 00:27:01	32				B- DRCRUS			03722:58:018F	00-333/15:40:48	2TB
1582	334 00:27:01	32			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		03722:58:025F	00-333/15:40:49	2ECf
1583	334 00:27:48	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	03722:59:001F	00-333/15:41:35	2ESf
1584	334 00:27:48	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		03722:59:001F	00-333/15:41:35	2ECd
1585	334 00:27:48	32				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:2951	DTR		03722:59:001F	00-333/15:41:35	2ESd
1586	334 00:27:48	32			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		03722:59:002F	00-333/15:41:35	2ECs
1587	334 00:27:49	32				END PWSREC			03722:59:018F	00-333/15:41:36	2T
1588	334 04:45:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8525 (D/L ONLY)					2DP
1589	334 12:00:00	32				VGR-32 OWLT IS 08H 46M 17S					2L

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1590	334 12:45:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8525					2DP
1591	334 12:54:22	32	40 SET			10 DEGREE SET DSC-40					2V
1592	334 21:10:00	32	40RISE			10 DEGREE RISE DSC-40					2V
1593	335 00:00:00	32				VGR-32 OWLT IS 08H 46M 21S					2L
1594	335 05:30:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8526 (D/L ONLY)					2DP
1595	335 12:00:00	32				VGR-32 OWLT IS 08H 46M 26S					2L
1596	335 12:21:38	32			AC7SSB	(3 -004) SS BIAS CONTROL - PITCH	AACS		03767:51:003F	00-335/03:35:11	2ECa
1597	335 12:45:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8526					2DP
1598	335 12:50:30	32	40 SET			10 DEGREE SET DSC-40					2V
1599	335 21:06:09	32	40RISE			10 DEGREE RISE DSC-40					2V
1600	336 00:00:00	32				VGR-32 OWLT IS 08H 46M 30S					2L
1601	336 05:45:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8527 (D/L ONLY)					2DP
1602	336 09:21:46	32			AC7SSB	(4 +185) SS BIAS CONTROL --- YAW	AACS		03794:06:003F	00-336/00:35:11	2ECa
1603	336 11:55:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8527					2DP
1604	336 12:00:00	32				VGR-32 OWLT IS 08H 46M 35S					2L
1605	336 12:46:37	32	40 SET			10 DEGREE SET DSC-40					2V
1606	336 21:02:19	32	40RISE			10 DEGREE RISE DSC-40					2V
1607	337 00:00:00	32				VGR-32 OWLT IS 08H 46M 39S					2L
1608	337 04:45:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8528 (D/L ONLY)					2DP
1609	337 12:00:00	32				VGR-32 OWLT IS 08H 46M 43S					2L
1610	337 12:30:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8528					2DP
1611	337 12:42:45	32	40 SET			10 DEGREE SET DSC-40					2V
1612	337 20:58:29	32	40RISE			10 DEGREE RISE DSC-40					2V









FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1657	342 06:40:09	32		ACE ALL		BEGIN S/C-32 COMMAND MORATORIUM					2T
1658	342 12:00:00	32				VGR-32 OWLT IS 08H 47M 26S					2L
1659	342 12:23:24	32	40 SET			10 DEGREE SET DSC-40					2V
1660	342 20:39:19	32	40RISE			10 DEGREE RISE DSC-40					2V
1661	342 23:45:06	32				B- GAIN.32			03992:04:001F	00-342/14:57:35	2TB
1662	342 23:45:06	32				BEGIN GAIN32			03992:04:001F	00-342/14:57:35	2T
1663	342 23:45:06	32				B- GYONAB.32			03992:04:001F	00-342/14:57:35	2TB
1664	342 23:45:06	32				BEGIN GYONAB32			03992:04:001F	00-342/14:57:35	2T
1665	342 23:45:06	32			AC7GYP	(000) DRIRU PATTERN CONTROL GYRO/AXIS=A/PITCH & YAW B/ROLL	AACS		03992:04:003F	00-342/14:57:35	2ECa
1666	342 23:45:06	32			CC7GCRP	GYRO C OFF	PWR		03992:04:004F	00-342/14:57:35	2ECp
1667	342 23:45:06	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: OFF	AACS		03992:04:004F	00-342/14:57:35	2ESa
1668	342 23:45:06	32			CC7GCRP	GYRO C OFF	PWR		03992:04:006F	00-342/14:57:36	2ECp
1669	342 23:45:06	32			CC7PC	(372) GYRO C OFF	AACS		03992:04:008F	00-342/14:57:36	2ECa
1670	342 23:45:06	32			CC7GBP	GYRO B ON	PWR		03992:04:009F	00-342/14:57:36	2ECp
1671	342 23:45:06	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF	AACS		03992:04:009F	00-342/14:57:36	2ESa
1672	342 23:45:06	32			CC7GBP	GYRO B ON	PWR		03992:04:011F	00-342/14:57:36	2ECp
1673	342 23:45:06	32			CC7PC	(363) GYRO B ON	AACS		03992:04:013F	00-342/14:57:36	2ECa

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1674	342 23:45:07	32			CC7GAP	GYRO A ON	PWR		03992:04:014F	00-342/14:57:36	2ECp
1675	342 23:45:07	32				<p style="text-align: center;">AACS STATUS</p> <p>MODE : CRU    GYRO A: ON  HYBIC: 2      GYRO B: ON  CST : ON      GRYO C: OFF</p>	AACS	03992:04:014F	00-342/14:57:36	2ESa	
1676	342 23:45:07	32			CC7GAP	GYRO A ON	PWR		03992:04:016F	00-342/14:57:36	2ECp
1677	342 23:45:07	32			CC7PC	(353) GYRO A ON	AACS		03992:04:018F	00-342/14:57:36	2ECa
1678	342 23:45:35	32				DRIRU INITIALIZATION			03992:04:484F	00-342/14:58:04	2T
1679	342 23:45:36	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		03992:04:501F	00-342/14:58:05	2ECa
1680	342 23:46:05	32				SET CALIB			03992:05:184F	00-342/14:58:34	2T
1681	342 23:46:06	32			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		03992:05:203F	00-342/14:58:35	2ECa
1682	342 23:55:05	32				START GYRO FAULT TEST			03992:16:384F	00-342/15:07:34	2T
1683	342 23:55:06	32			CC7GY	(4) DRIRU FAULT TEST START	AACS		03992:16:401F	00-342/15:07:35	2ECa
1684	342 23:55:07	32				END GYONAB32			03992:16:418F	00-342/15:07:36	2T
1685	342 23:58:42	32				B- MISCMD			03992:21:001F	00-342/15:11:11	2TB
1686	342 23:58:42	32				MISCMD - DIS GYRO FAULT CK			03992:21:001F	00-342/15:11:11	2T
1687	342 23:58:42	32			CC7GY	(5) DRIRU FAULT TEST STOP	AACS		03992:21:001F	00-342/15:11:11	2ECa
1688	342 23:59:30	32				B- GYONBC.32			03992:22:001F	00-342/15:11:59	2TB
1689	342 23:59:30	32				BEGIN GYONBC32			03992:22:001F	00-342/15:11:59	2T
1690	342 23:59:30	32			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		03992:22:003F	00-342/15:11:59	2ECa
1691	342 23:59:30	32			CC7GARP	GYRO A OFF	PWR		03992:22:004F	00-342/15:11:59	2ECp

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1692	342 23:59:30	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF	AACS		03992:22:004F	00-342/15:11:59	2ESa
1693	342 23:59:30	32			CC7GARP	GYRO A OFF	PWR		03992:22:006F	00-342/15:12:00	2ECp
1694	342 23:59:30	32			CC7PC	(352) GYRO A OFF	AACS		03992:22:008F	00-342/15:12:00	2ECa
1695	342 23:59:30	32			CC7GCP	GYRO C ON	PWR		03992:22:009F	00-342/15:12:00	2ECp
1696	342 23:59:30	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		03992:22:009F	00-342/15:12:00	2ESa
1697	342 23:59:30	32			CC7GCP	GYRO C ON	PWR		03992:22:011F	00-342/15:12:00	2ECp
1698	342 23:59:30	32			CC7PC	(373) GYRO C ON	AACS		03992:22:013F	00-342/15:12:00	2ECa
1699	342 23:59:59	32				DRIRU INITIALIZATION			03992:22:484F	00-342/15:12:28	2T
1700	343 00:00:00	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		03992:22:501F	00-342/15:12:29	2ECa
1701	343 00:00:00	32				VGR-32 OWLT IS 08H 47M 30S					2L
1702	343 00:00:29	32				SET CALIB			03992:23:184F	00-342/15:12:58	2T
1703	343 00:00:30	32			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		03992:23:203F	00-342/15:12:59	2ECa
1704	343 00:09:29	32				START GYRO FAULT TEST			03992:34:384F	00-342/15:21:58	2T
1705	343 00:09:30	32			CC7GY	(4) DRIRU FAULT TEST START	AACS		03992:34:401F	00-342/15:21:59	2ECa
1706	343 00:09:31	32				END GYONBC32			03992:34:418F	00-342/15:22:00	2T
1707	343 00:45:06	32				B- CCSTIMB			03993:19:001F	00-342/15:57:35	2TB
1708	343 00:45:06	32				EXECUTE CCSTIMB FINE			03993:19:001F	00-342/15:57:35	2T
1709	343 02:43:31	32			AC7SSB	(3 -002) SS BIAS CONTROL - PITCH	AACS		03995:47:003F	00-342/17:55:59	2ECa

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1710	343 12:00:00	32				VGR-32 OWLT IS 08H 47M 34S					2L
1711	343 12:19:32	32	40 SET			10 DEGREE SET DSC-40					2V
1712	343 20:35:29	32	40RISE			10 DEGREE RISE DSC-40					2V
1713	344 00:00:00	32				VGR-32 OWLT IS 08H 47M 38S					2L
1714	344 06:24:17	32		ACE ALL		END S/C-32 COMMAND MORATORIUM					2T
1715	344 12:00:00	32				VGR-32 OWLT IS 08H 47M 42S					2L
1716	344 12:15:40	32	40 SET			10 DEGREE SET DSC-40					2V
1717	344 20:31:39	32	40RISE			10 DEGREE RISE DSC-40					2V
1718	345 00:00:00	32				VGR-32 OWLT IS 08H 47M 46S					2L
1719	345 00:36:34	32			AC7SSB	(4 +183) SS BIAS CONTROL --- YAW	AACS		04053:08:003F	00-344/15:48:47	2ECa
1720	345 12:00:00	32				VGR-32 OWLT IS 08H 47M 50S					2L
1721	345 12:11:49	32	40 SET			10 DEGREE SET DSC-40					2V
1722	345 20:27:49	32	40RISE			10 DEGREE RISE DSC-40					2V
1723	346 00:00:00	32				VGR-32 OWLT IS 08H 47M 54S					2L
1724	346 12:00:00	32				VGR-32 OWLT IS 08H 47M 58S					2L
1725	346 12:07:57	32	40 SET			10 DEGREE SET DSC-40					2V
1726	346 18:30:23	32				FINAL SPACECRAFT STATUS			04105:29:788F	00-346/09:42:23	2TI
1727	346 18:30:23	32				RADIO STATUS			04105:29:788F	00-346/09:42:23	2TI
1728	346 18:30:23	32			DC2AR	S-BAND RANGING OFF			04105:29:788F	00-346/09:42:23	2TI
1729	346 18:30:23	32			DC2DR	S-BAND LO PWR			04105:29:788F	00-346/09:42:23	2TI
1730	346 18:30:23	32			DC2HR	X-BAND LO PWR			04105:29:788F	00-346/09:42:23	2TI
1731	346 18:30:23	32			DC2N	X-BAND RANGING ON			04105:29:788F	00-346/09:42:23	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
1732	346 18:30:23	32			DC2P	2 WAY NON-COHERENT ON			04105:29:788F	00-346/09:42:23	2TI
1733	346 18:30:23	32			DC2Q	USO ON			04105:29:788F	00-346/09:42:23	2TI
1734	346 18:30:23	32			CC2BRP	S-BAND EXC-2 SEL			04105:29:788F	00-346/09:42:23	2TI
1735	346 18:30:23	32			CC2CP	S-BAND TRANS-1 SEL			04105:29:788F	00-346/09:42:23	2TI
1736	346 18:30:23	32			CC2FRP	RCVR-2 SEL			04105:29:788F	00-346/09:42:23	2TI
1737	346 18:30:23	32			CC2JRP	X-BAND EXC-2 SEL			04105:29:788F	00-346/09:42:23	2TI
1738	346 18:30:23	32			CC2GP	X-BAND ON			04105:29:788F	00-346/09:42:23	2TI
1739	346 18:30:23	32			CC2KRP	S-BAND OFF			04105:29:788F	00-346/09:42:23	2TI
1740	346 18:30:23	32			CC2LP	X-BAND TWTA-1 SEL			04105:29:788F	00-346/09:42:23	2TI
1741	346 18:30:23	32			CC2MP	S-BAND EXC ON			04105:29:788F	00-346/09:42:23	2TI
1742	346 18:30:23	32			DC2E	HGA SELECT			04105:29:788F	00-346/09:42:23	2TI
1743	346 18:30:23	32			CC1T	BAY 1 HTR ON			04105:29:788F	00-346/09:42:23	2TI
1744	346 18:30:23	32				MDS STATUS			04105:29:788F	00-346/09:42:23	2TI
1745	346 18:30:23	32			CC3BP	TMU ON			04105:29:788F	00-346/09:42:23	2TI
1746	346 18:30:23	32			CC3GP	TMU-A SEL			04105:29:788F	00-346/09:42:23	2TI
1747	346 18:30:23	32			CC3HRP	CDU-B SEL			04105:29:788F	00-346/09:42:23	2TI
1748	346 18:30:23	32			CC3A	32310 X-BAND			04105:29:788F	00-346/09:42:23	2TI
1749	346 18:30:23	32			CC3A	28301 S-BAND			04105:29:788F	00-346/09:42:23	2TI
1750	346 18:30:23	32				POWER STATUS			04105:29:788F	00-346/09:42:23	2TI
1751	346 18:30:23	32			CC4A	UNDERVOLTAGE TRIP RESET			04105:29:788F	00-346/09:42:23	2TI
1752	346 18:30:23	32			CC4K	RTG-1 DIODE BYPASS ON			04105:29:788F	00-346/09:42:23	2TI
1753	346 18:30:23	32			CC4L	RTG-2 DIODE BYPASS ON			04105:29:788F	00-346/09:42:23	2TI
1754	346 18:30:23	32			CC4M	RTG-3 DIODE BYPASS ON			04105:29:788F	00-346/09:42:23	2TI

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1755	346 18:30:23	32				CCS STATUS			04105:29:788F	00-346/09:42:23	2TI
1756	346 18:30:23	32			DC5AR	CCS TOL DET ENABLE			04105:29:788F	00-346/09:42:23	2TI
1757	346 18:30:23	32				FDS STATUS			04105:29:788F	00-346/09:42:23	2TI
1758	346 18:30:23	32			CC6CP	FDS ON/ISS PWR ENABLE			04105:29:788F	00-346/09:42:23	2TI
1759	346 18:30:23	32			CC6AA	0 SVC-W1			04105:29:788F	00-346/09:42:23	2TI
1760	346 18:30:23	32			CC6AD	2210 SVC-W4			04105:29:788F	00-346/09:42:23	2TI
1761	346 18:30:23	32			CC6AE	30003 SVC-W5			04105:29:788F	00-346/09:42:23	2TI
1762	346 18:30:23	32			CC6AP	FDS PWR CONV A SEL			04105:29:788F	00-346/09:42:23	2TI
1763	346 18:30:23	32			CC6AB	01110 SVC-W2			04105:29:788F	00-346/09:42:23	2TI
1764	346 18:30:23	32			SC06BB	530070 FDS DATA MODE			04105:29:788F	00-346/09:42:23	2TI
1765	346 18:30:23	32				AACS STATUS			04105:29:788F	00-346/09:42:23	2TI
1766	346 18:30:23	32			AC7PCG	14 HYBIC 2 PWR ON			04105:29:788F	00-346/09:42:23	2TI
1767	346 18:30:23	32			CC7ML	05 CST ON			04105:29:788F	00-346/09:42:23	2TI
1768	346 18:30:23	32			AC7CTG	10 376 CST HI GATE			04105:29:788F	00-346/09:42:23	2TI
1769	346 18:30:23	32			AC7CTG	11 422 CST LO GATE			04105:29:788F	00-346/09:42:23	2TI
1770	346 18:30:23	32			AC7GYP	111 GYRO PATTERN			04105:29:788F	00-346/09:42:23	2TI
1771	346 18:30:23	32			AC7PCG	52 GYRO A OFF			04105:29:788F	00-346/09:42:23	2TI
1772	346 18:30:23	32			AC7PCG	62 GYRO B OFF			04105:29:788F	00-346/09:42:23	2TI
1773	346 18:30:23	32			AC7PCG	72 GYRO C OFF			04105:29:788F	00-346/09:42:23	2TI
1774	346 18:30:23	32			AC7DDB	000480 DEAD BAND CONTROL			04105:29:788F	00-346/09:42:23	2TI
1775	346 18:30:23	32			AC7PAR	7530 000000 GYRO OFF NORM			04105:29:788F	00-346/09:42:23	2TI
1776	346 18:30:23	32			AC7PAR	6740 000740 PITCH DEADBAND			04105:29:788F	00-346/09:42:23	2TI
1777	346 18:30:23	32			AC7PAR	6741 001700 YAW DEADBAND			04105:29:788F	00-346/09:42:23	2TI



FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1778	346 18:30:23	32			AC7PAR	6742 004540 ROLL DEADBAND			04105:29:788F	00-346/09:42:23	2TI
1779	346 18:30:23	32			DEADBAND	DEAD BAND STATE: 05 10 25			04105:29:788F	00-346/09:42:23	2TI
1780	346 18:30:23	32			CC7SS	1 AACS TO RAI			04105:29:788F	00-346/09:42:23	2TI
1781	346 18:30:23	32			CC7CT	03 CST CONE ANGLE 3			04105:29:788F	00-346/09:42:23	2TI
1782	346 18:30:23	32			CC7AHRP	SS HTR A OFF			04105:29:788F	00-346/09:42:23	2TI
1783	346 18:30:23	32			CC7BHP	SS HTR B ON			04105:29:788F	00-346/09:42:23	2TI
1784	346 18:30:23	32			CC7ML	01 FDS CHAN A			04105:29:788F	00-346/09:42:23	2TI
1785	346 18:30:23	32			CC7ML	09 TCAPU FAULT ENA			04105:29:788F	00-346/09:42:23	2TI
1786	346 18:30:23	32			AC7PCG	61 AACS BAY 6 HTR A OFF			04105:29:788F	00-346/09:42:23	2TI
1787	346 18:30:23	32			AC7PCG	71 AACS BAY 6 HTR B OFF			04105:29:788F	00-346/09:42:23	2TI
1788	346 18:30:23	32			CC7MMRP	PROC/MEM 2 SELECT			04105:29:788F	00-346/09:42:23	2TI
1789	346 18:30:23	32			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			04105:29:788F	00-346/09:42:23	2TI
1790	346 18:30:23	32			AC7PCG	22 CST SUN SHUTTER OFF			04105:29:788F	00-346/09:42:23	2TI
1791	346 18:30:23	32			AC7PCG	10 ISO VALVE BRANCH 1 OFF			04105:29:788F	00-346/09:42:23	2TI
1792	346 18:30:23	32			AC7PCG	20 ISO VALVE BRANCH 2 OFF			04105:29:788F	00-346/09:42:23	2TI
1793	346 18:30:23	32			CC1PHRP	SCAN PLAT SUPL HTR OFF			04105:29:788F	00-346/09:42:23	2TI
1794	346 18:30:23	32			CC77MRP	MAM OFF			04105:29:788F	00-346/09:42:23	2TI
1795	346 18:30:23	32			DC77PR	NON-PRIME FCP/MEM OFF			04105:29:788F	00-346/09:42:23	2TI
1796	346 18:30:23	32			DC77XR	MAM COMMAND DISABLE			04105:29:788F	00-346/09:42:23	2TI
1797	346 18:30:23	32				PYRO STATUS			04105:29:788F	00-346/09:42:23	2TI
1798	346 18:30:23	32			CC8D	PSU INSTRUMENTATION ON			04105:29:788F	00-346/09:42:23	2TI
1799	346 18:30:23	32			DC8XR	PYRO DISABLE			04105:29:788F	00-346/09:42:23	2TI
1800	346 18:30:23	32				PROPULSION STATUS			04105:29:788F	00-346/09:42:23	2TI

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1801	346 18:30:23	32			CC10CRP	TCM HTR OFF			04105:29:788F	00-346/09:42:23	2TI
1802	346 18:30:23	32			CC10DR	AP BR1 HTR OFF			04105:29:788F	00-346/09:42:23	2TI
1803	346 18:30:23	32			CC10E	AP BR2 HTR ON			04105:29:788F	00-346/09:42:23	2TI
1804	346 18:30:23	32			CC10TRP	TCM LINE HTRS OFF			04105:29:788F	00-346/09:42:23	2TI
1805	346 18:30:23	32				DSS STATUS			04105:29:788F	00-346/09:42:23	2TI
1806	346 18:30:23	32			CC16BR	DSS 10 W REPL HTR OFF			04105:29:788F	00-346/09:42:23	2TI
1807	346 18:30:23	32			CC16AP	DSS ON			04105:29:788F	00-346/09:42:23	2TI
1808	346 18:30:23	32			CC1DR	BAY 2 19 W HTR OFF			04105:29:788F	00-346/09:42:23	2TI
1809	346 18:30:23	32			CC16C	7222 DSS CONTROL			04105:29:788F	00-346/09:42:23	2TI
1810	346 18:30:23	32				SCIENCE PWR STATUS			04105:29:788F	00-346/09:42:23	2TI
1811	346 18:30:23	32			CC1CR	MAG COIL OFF			04105:29:788F	00-346/09:42:23	2TI
1812	346 18:30:23	32			CC21A	CRS ON			04105:29:788F	00-346/09:42:23	2TI
1813	346 18:30:23	32			CC21B	CRS REPL HTR ON			04105:29:788F	00-346/09:42:23	2TI
1814	346 18:30:23	32			CC21CR	CRS SUPP HTR OFF			04105:29:788F	00-346/09:42:23	2TI
1815	346 18:30:23	32			CC22A	PRA ON			04105:29:788F	00-346/09:42:23	2TI
1816	346 18:30:23	32			CC23A	PWS ON			04105:29:788F	00-346/09:42:23	2TI
1817	346 18:30:23	32			CC25A	LECP ON			04105:29:788F	00-346/09:42:23	2TI
1818	346 18:30:23	32			CC25B	LECP STEPPER MOTOR ON			04105:29:788F	00-346/09:42:23	2TI
1819	346 18:30:23	32			CC25CR	LECP REPL HTR OFF			04105:29:788F	00-346/09:42:23	2TI
1820	346 18:30:23	32			CC25D	LECP MAIN SUPP HTR ON			04105:29:788F	00-346/09:42:23	2TI
1821	346 18:30:23	32			CC25E	LECP LEPT SUPP HTR ON			04105:29:788F	00-346/09:42:23	2TI
1822	346 18:30:23	32			CC27BR	PPS SUPP HTR OFF			04105:29:788F	00-346/09:42:23	2TI
1823	346 18:30:23	32			CC32A	PLS ON			04105:29:788F	00-346/09:42:23	2TI

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1824	346 18:30:23	32			CC32B	PLS SUPP HTR ON			04105:29:788F	00-346/09:42:23	2TI
1825	346 18:30:23	32			CC32CR	PLS REPL HTR OFF			04105:29:788F	00-346/09:42:23	2TI
1826	346 18:30:23	32			CC34AR	UVS OFF			04105:29:788F	00-346/09:42:23	2TI
1827	346 18:30:23	32			CC34BR	UVS REPL HTR OFF			04105:29:788F	00-346/09:42:23	2TI
1828	346 18:30:23	32			CC35AR	MAG OFF			04105:29:788F	00-346/09:42:23	2TI
1829	346 18:30:23	32			CC35B	MAG STANDBY ON			04105:29:788F	00-346/09:42:23	2TI
1830	346 18:30:23	32			CC35GR	MAG SENSOR HTR OFF			04105:29:788F	00-346/09:42:23	2TI
1831	346 18:30:23	32			CC36GR	ISS WA VID REPL HTR OFF			04105:29:788F	00-346/09:42:23	2TI
1832	346 18:30:23	32			CC36HR	ISS WA ELEC REPL HTR OFF			04105:29:788F	00-346/09:42:23	2TI
1833	346 18:30:23	32			CC36CRP	ISS NA OPTICS HTR OFF			04105:29:788F	00-346/09:42:23	2TI
1834	346 18:30:23	32			CC36FRP	ISS NA VID REPL HTR OFF			04105:29:788F	00-346/09:42:23	2TI
1835	346 18:30:23	32			CC36JRP	ISS NA ELEC REPL HTR OFF			04105:29:788F	00-346/09:42:23	2TI
1836	346 18:30:23	32			CC39DR	IRIS REPL HTR OFF			04105:29:788F	00-346/09:42:23	2TI
1837	346 18:30:23	32			CC39FR	IRIS STANDBY A SUPPLY OFF			04105:29:788F	00-346/09:42:23	2TI
1838	346 18:30:23	32			CC39BR	IRIS STANDBY B SUPPLY OFF			04105:29:788F	00-346/09:42:23	2TI
1839	346 18:30:23	32				SCIENCE INSTRUMENT STATUS			04105:29:788F	00-346/09:42:23	2TI
1840	346 18:30:23	32			SC21AF	01000 CRS CMD WORD			04105:29:788F	00-346/09:42:23	2TI
1841	346 18:30:23	32			SC21AF	02000 CRS CMD WORD			04105:29:788F	00-346/09:42:23	2TI
1842	346 18:30:23	32			SC21AF	03010 CRS CMD WORD			04105:29:788F	00-346/09:42:23	2TI
1843	346 18:30:23	32			SC21AF	04000 CRS CMD WORD			04105:29:788F	00-346/09:42:23	2TI
1844	346 18:30:23	32			SC21AF	05202 CRS CMD WORD			04105:29:788F	00-346/09:42:23	2TI
1845	346 18:30:23	32			SC21AF	06200 CRS CMD WORD			04105:29:788F	00-346/09:42:23	2TI
1846	346 18:30:23	32			SC21AF	07000 CRS CMD WORD			04105:29:788F	00-346/09:42:23	2TI

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1847	346 18:30:23	32			SC21AF	08200 CRS CMD WORD			04105:29:788F	00-346/09:42:23	2TI
1848	346 18:30:23	32			SC21AF	10000 CRS CMD WORD			04105:29:788F	00-346/09:42:23	2TI
1849	346 18:30:23	32			SC21AF	11000 CRS CMD WORD			04105:29:788F	00-346/09:42:23	2TI
1850	346 18:30:23	32			SC21AF	12000 CRS CMD WORD			04105:29:788F	00-346/09:42:23	2TI
1851	346 18:30:23	32			SC21AF	13004 CRS CMD WORD			04105:29:788F	00-346/09:42:23	2TI
1852	346 18:30:23	32			SC21AG	CRS HV FLAG			04105:29:788F	00-346/09:42:23	2TI
1853	346 18:30:23	32			SC21AH	CRS CAL-ST FLAG			04105:29:788F	00-346/09:42:23	2TI
1854	346 18:30:23	32			SC22AF	1347 PRA CONFIGURATION CMD			04105:29:788F	00-346/09:42:23	2TI
1855	346 18:30:23	32			SC22NU	0000 PRA MODE SELECT			04105:29:788F	00-346/09:42:23	2TI
1856	346 18:30:23	32			SC23AD	5 PWS CMD WORD			04105:29:788F	00-346/09:42:23	2TI
1857	346 18:30:23	32			SC25AH	1677 LECP CMD WORD			04105:29:788F	00-346/09:42:23	2TI
1858	346 18:30:23	32			SC25AH	3017 LECP CMD WORD			04105:29:788F	00-346/09:42:23	2TI
1859	346 18:30:23	32			SC25AH	5600 LECP CMD WORD			04105:29:788F	00-346/09:42:23	2TI
1860	346 18:30:23	32			SC25AH	6032 LECP CMD WORD			04105:29:788F	00-346/09:42:23	2TI
1861	346 18:30:23	32			SC25AJ	1 LECP MOTOR STEP CMD			04105:29:788F	00-346/09:42:23	2TI
1862	346 18:30:23	32			SC25AN	0 LECP NEAR/FAR ENC			04105:29:788F	00-346/09:42:23	2TI
1863	346 18:30:23	32			SC25AQ	5200 LECP SAFE CMD			04105:29:788F	00-346/09:42:23	2TI
1864	346 18:30:23	32			SC32AF	2 PLS E1 INT/AMP GAIN			04105:29:788F	00-346/09:42:23	2TI
1865	346 18:30:23	32			SC32AG	2 PLS E2 INT/AMP GAIN			04105:29:788F	00-346/09:42:23	2TI
1866	346 18:30:23	32			SC32AH	2 PLS M INT/AMP GAIN			04105:29:788F	00-346/09:42:23	2TI
1867	346 18:30:23	32			SC32AJ	15 PLS CONFIG CMD			04105:29:788F	00-346/09:42:23	2TI
1868	346 18:30:23	32			SC32AK	2 PLS L INT/AMP GAIN			04105:29:788F	00-346/09:42:23	2TI
1869	346 18:30:23	32			SC32AL	216 PLS M START WORD 1			04105:29:788F	00-346/09:42:23	2TI

FINAL SEQUENCE FOR JSX B109 (TOL/B109F - EVTSDR/B109AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1870	346 18:30:23	32			SC32AM	116 PLS M START WORD 2			04105:29:788F	00-346/09:42:23	2TI
1871	346 18:30:23	32			SC32AN	2 PLS M MODE			04105:29:788F	00-346/09:42:23	2TI
1872	346 18:30:23	32			SC32AP	3 PLS E1 SHRT			04105:29:788F	00-346/09:42:23	2TI
1873	346 18:30:23	32			SC32AQ	3 PLS E2 SHRT			04105:29:788F	00-346/09:42:23	2TI
1874	346 18:30:23	32			SC32AR	3 PLS L SHORT			04105:29:788F	00-346/09:42:23	2TI
1875	346 18:30:23	32			SC32AS	2 PLS E1 LONG			04105:29:788F	00-346/09:42:23	2TI
1876	346 18:30:23	32			SC32AT	2 PLS E2 LONG			04105:29:788F	00-346/09:42:23	2TI
1877	346 18:30:23	32			SC32AU	2 PLS L LONG			04105:29:788F	00-346/09:42:23	2TI
1878	346 18:30:23	32			SC34AE	13 UVS MODE/HV LEVEL			04105:29:788F	00-346/09:42:23	2TI
1879	346 18:30:23	32			SC34AF	0 UVS READ OUT FLAG			04105:29:788F	00-346/09:42:23	2TI
1880	346 18:30:23	32			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			04105:29:788F	00-346/09:42:23	2TI
1881	346 18:30:23	32			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			04105:29:788F	00-346/09:42:23	2TI