



FINAL FLIGHT SOE

S/C 32

SEQUENCE ID B133BB DATE OF RELEASE August 4, 2006

EXECUTION PERIOD 8/21/06 to 11/20/2006 (06-233 to 06-324)

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

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FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT 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	191 20:41:10	32				INITIAL SPACECRAFT STATUS			65215:29:788F	06-191/09:42:23	2TI
2	191 20:41:10	32				RADIO STATUS			65215:29:788F	06-191/09:42:23	2TI
3	191 20:41:10	32			DC2AR	S-BAND RANGING OFF			65215:29:788F	06-191/09:42:23	2TI
4	191 20:41:10	32			DC2DR	S-BAND LO PWR			65215:29:788F	06-191/09:42:23	2TI
5	191 20:41:10	32			DC2HR	X-BAND LO PWR			65215:29:788F	06-191/09:42:23	2TI
6	191 20:41:10	32			DC2N	X-BAND RANGING ON			65215:29:788F	06-191/09:42:23	2TI
7	191 20:41:10	32			DC2P	2 WAY NON-COHERENT ON			65215:29:788F	06-191/09:42:23	2TI
8	191 20:41:10	32			DC2Q	USO ON			65215:29:788F	06-191/09:42:23	2TI
9	191 20:41:10	32			CC2BRP	S-BAND EXC-2 SEL			65215:29:788F	06-191/09:42:23	2TI
10	191 20:41:10	32			CC2CP	S-BAND TRANS-1 SEL			65215:29:788F	06-191/09:42:23	2TI
11	191 20:41:10	32			CC2FRP	RCVR-2 SEL			65215:29:788F	06-191/09:42:23	2TI
12	191 20:41:10	32			CC2JRP	X-BAND EXC-2 SEL			65215:29:788F	06-191/09:42:23	2TI
13	191 20:41:10	32			CC2GP	X-BAND ON			65215:29:788F	06-191/09:42:23	2TI
14	191 20:41:10	32			CC2KRP	S-BAND OFF			65215:29:788F	06-191/09:42:23	2TI
15	191 20:41:10	32			CC2LP	X-BAND TWTA-1 SEL			65215:29:788F	06-191/09:42:23	2TI
16	191 20:41:10	32			CC2MP	S-BAND EXC ON			65215:29:788F	06-191/09:42:23	2TI
17	191 20:41:10	32			DC2E	HGA SELECT			65215:29:788F	06-191/09:42:23	2TI
18	191 20:41:10	32			CC1T	BAY 1 HTR ON			65215:29:788F	06-191/09:42:23	2TI
19	191 20:41:10	32				MDS STATUS			65215:29:788F	06-191/09:42:23	2TI
20	191 20:41:10	32			CC3BP	TMU ON			65215:29:788F	06-191/09:42:23	2TI
21	191 20:41:10	32			CC3GP	TMU-A SEL			65215:29:788F	06-191/09:42:23	2TI
22	191 20:41:10	32			CC3HRP	CDU-B SEL			65215:29:788F	06-191/09:42:23	2TI
23	191 20:41:10	32			CC3A	32310 X-BAND			65215:29:788F	06-191/09:42:23	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
24	191 20:41:10	32			CC3A	28301 S-BAND			65215:29:788F	06-191/09:42:23	2TI
25	191 20:41:10	32				POWER STATUS			65215:29:788F	06-191/09:42:23	2TI
26	191 20:41:10	32			CC4A	UNDERVOLTAGE TRIP RESET			65215:29:788F	06-191/09:42:23	2TI
27	191 20:41:10	32			CC4K	RTG-1 DIODE BYPASS ON			65215:29:788F	06-191/09:42:23	2TI
28	191 20:41:10	32			CC4L	RTG-2 DIODE BYPASS ON			65215:29:788F	06-191/09:42:23	2TI
29	191 20:41:10	32			CC4M	RTG-3 DIODE BYPASS ON			65215:29:788F	06-191/09:42:23	2TI
30	191 20:41:10	32				CCS STATUS			65215:29:788F	06-191/09:42:23	2TI
31	191 20:41:10	32			DC5AR	CCS TOL DET ENABLE			65215:29:788F	06-191/09:42:23	2TI
32	191 20:41:10	32				FDS STATUS			65215:29:788F	06-191/09:42:23	2TI
33	191 20:41:10	32			CC6CP	FDS ON/ISS PWR ENABLE			65215:29:788F	06-191/09:42:23	2TI
34	191 20:41:10	32			CC6AA	0 SVC-W1			65215:29:788F	06-191/09:42:23	2TI
35	191 20:41:10	32			CC6AD	2210 SVC-W4			65215:29:788F	06-191/09:42:23	2TI
36	191 20:41:10	32			CC6AE	30003 SVC-W5			65215:29:788F	06-191/09:42:23	2TI
37	191 20:41:10	32			CC6AP	FDS PWR CONV A SEL			65215:29:788F	06-191/09:42:23	2TI
38	191 20:41:10	32			CC6AB	01110 SVC-W2			65215:29:788F	06-191/09:42:23	2TI
39	191 20:41:10	32			SC06BB	530070 FDS DATA MODE			65215:29:788F	06-191/09:42:23	2TI
40	191 20:41:10	32				AACS STATUS			65215:29:788F	06-191/09:42:23	2TI
41	191 20:41:10	32			AC7PCG	14 HYBIC 2 PWR ON			65215:29:788F	06-191/09:42:23	2TI
42	191 20:41:10	32			CC7ML	05 CST ON			65215:29:788F	06-191/09:42:23	2TI
43	191 20:41:10	32			AC7CTG	10 376 CST HI GATE			65215:29:788F	06-191/09:42:23	2TI
44	191 20:41:10	32			AC7CTG	11 422 CST LO GATE			65215:29:788F	06-191/09:42:23	2TI
45	191 20:41:10	32			AC7GYP	111 GYRO PATTERN			65215:29:788F	06-191/09:42:23	2TI
46	191 20:41:10	32			AC7PCG	52 GYRO A OFF			65215:29:788F	06-191/09:42:23	2TI

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47	191 20:41:10	32			AC7PCG	62 GYRO B OFF			65215:29:788F	06-191/09:42:23	2TI
48	191 20:41:10	32			AC7PCG	72 GYRO C OFF			65215:29:788F	06-191/09:42:23	2TI
49	191 20:41:10	32			AC7DDB	000480 DEAD BAND CONTROL			65215:29:788F	06-191/09:42:23	2TI
50	191 20:41:10	32			AC7PAR	7530 000000 GYRO OFF NORM			65215:29:788F	06-191/09:42:23	2TI
51	191 20:41:10	32			AC7PAR	6740 000740 PITCH DEADBAND			65215:29:788F	06-191/09:42:23	2TI
52	191 20:41:10	32			AC7PAR	6741 001700 YAW DEADBAND			65215:29:788F	06-191/09:42:23	2TI
53	191 20:41:10	32			AC7PAR	6742 004540 ROLL DEADBAND			65215:29:788F	06-191/09:42:23	2TI
54	191 20:41:10	32			DEADBAND	DEAD BAND STATE: 05 10 25			65215:29:788F	06-191/09:42:23	2TI
55	191 20:41:10	32			CC7SS	1 AACS TO RAI			65215:29:788F	06-191/09:42:23	2TI
56	191 20:41:10	32			CC7CT	03 CST CONE ANGLE 3			65215:29:788F	06-191/09:42:23	2TI
57	191 20:41:10	32			CC7AHRP	SS HTR A OFF			65215:29:788F	06-191/09:42:23	2TI
58	191 20:41:10	32			CC7BHP	SS HTR B ON			65215:29:788F	06-191/09:42:23	2TI
59	191 20:41:10	32			CC7ML	01 FDS CHAN A			65215:29:788F	06-191/09:42:23	2TI
60	191 20:41:10	32			CC7ML	09 TCAPU FAULT ENA			65215:29:788F	06-191/09:42:23	2TI
61	191 20:41:10	32			AC7PCG	61 AACS BAY 6 HTR A OFF			65215:29:788F	06-191/09:42:23	2TI
62	191 20:41:10	32			AC7PCG	71 AACS BAY 6 HTR B OFF			65215:29:788F	06-191/09:42:23	2TI
63	191 20:41:10	32			CC7MMRP	PROC/MEM 2 SELECT			65215:29:788F	06-191/09:42:23	2TI
64	191 20:41:10	32			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			65215:29:788F	06-191/09:42:23	2TI
65	191 20:41:10	32			AC7PCG	22 CST SUN SHUTTER OFF			65215:29:788F	06-191/09:42:23	2TI
66	191 20:41:10	32			AC7PCG	10 ISO VALVE BRANCH 1 OFF			65215:29:788F	06-191/09:42:23	2TI
67	191 20:41:10	32			AC7PCG	20 ISO VALVE BRANCH 2 OFF			65215:29:788F	06-191/09:42:23	2TI
68	191 20:41:10	32			CC1PHRP	SCAN PLAT SUPL HTR OFF			65215:29:788F	06-191/09:42:23	2TI
69	191 20:41:10	32			CC77MRP	MAM OFF			65215:29:788F	06-191/09:42:23	2TI

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70	191 20:41:10	32			DC77PR	NON-PRIME FCP/MEM OFF			65215:29:788F	06-191/09:42:23	2TI
71	191 20:41:10	32			DC77XR	MAM COMMAND DISABLE			65215:29:788F	06-191/09:42:23	2TI
72	191 20:41:10	32				PYRO STATUS			65215:29:788F	06-191/09:42:23	2TI
73	191 20:41:10	32			CC8D	PSU INSTRUMENTATION ON			65215:29:788F	06-191/09:42:23	2TI
74	191 20:41:10	32			DC8XR	PYRO DISABLE			65215:29:788F	06-191/09:42:23	2TI
75	191 20:41:10	32				PROPULSION STATUS			65215:29:788F	06-191/09:42:23	2TI
76	191 20:41:10	32			CC10CRP	TCM HTR OFF			65215:29:788F	06-191/09:42:23	2TI
77	191 20:41:10	32			CC10DR	AP BR1 HTR OFF			65215:29:788F	06-191/09:42:23	2TI
78	191 20:41:10	32			CC10E	AP BR2 HTR ON			65215:29:788F	06-191/09:42:23	2TI
79	191 20:41:10	32			CC10TRP	TCM LINE HTRS OFF			65215:29:788F	06-191/09:42:23	2TI
80	191 20:41:10	32				DSS STATUS			65215:29:788F	06-191/09:42:23	2TI
81	191 20:41:10	32			CC16BR	DSS 10 W REPL HTR OFF			65215:29:788F	06-191/09:42:23	2TI
82	191 20:41:10	32			CC16AP	DSS ON			65215:29:788F	06-191/09:42:23	2TI
83	191 20:41:10	32			CC1DR	BAY 2 19 W HTR OFF			65215:29:788F	06-191/09:42:23	2TI
84	191 20:41:10	32			CC16C	7224 DSS CONTROL			65215:29:788F	06-191/09:42:23	2TI
85	191 20:41:10	32				SCIENCE PWR STATUS			65215:29:788F	06-191/09:42:23	2TI
86	191 20:41:10	32			CC1CR	MAG COIL OFF			65215:29:788F	06-191/09:42:23	2TI
87	191 20:41:10	32			CC21A	CRS ON			65215:29:788F	06-191/09:42:23	2TI
88	191 20:41:10	32			CC21B	CRS REPL HTR ON			65215:29:788F	06-191/09:42:23	2TI
89	191 20:41:10	32			CC21CR	CRS SUPP HTR OFF			65215:29:788F	06-191/09:42:23	2TI
90	191 20:41:10	32			CC22A	PRA ON			65215:29:788F	06-191/09:42:23	2TI
91	191 20:41:10	32			CC23A	PWS ON			65215:29:788F	06-191/09:42:23	2TI
92	191 20:41:10	32			CC25A	LECP ON			65215:29:788F	06-191/09:42:23	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	191 20:41:10	32			CC25B	LECP STEPPER MOTOR ON			65215:29:788F	06-191/09:42:23	2TI
94	191 20:41:10	32			CC25CR	LECP REPL HTR OFF			65215:29:788F	06-191/09:42:23	2TI
95	191 20:41:10	32			CC25D	LECP MAIN SUPP HTR ON			65215:29:788F	06-191/09:42:23	2TI
96	191 20:41:10	32			CC25E	LECP LEPT SUPP HTR ON			65215:29:788F	06-191/09:42:23	2TI
97	191 20:41:10	32			CC27BR	PPS SUPP HTR OFF			65215:29:788F	06-191/09:42:23	2TI
98	191 20:41:10	32			CC32A	PLS ON			65215:29:788F	06-191/09:42:23	2TI
99	191 20:41:10	32			CC32B	PLS SUPP HTR ON			65215:29:788F	06-191/09:42:23	2TI
100	191 20:41:10	32			CC32CR	PLS REPL HTR OFF			65215:29:788F	06-191/09:42:23	2TI
101	191 20:41:10	32			CC34AR	UVS OFF			65215:29:788F	06-191/09:42:23	2TI
102	191 20:41:10	32			CC34BR	UVS REPL HTR OFF			65215:29:788F	06-191/09:42:23	2TI
103	191 20:41:10	32			CC35AR	MAG OFF			65215:29:788F	06-191/09:42:23	2TI
104	191 20:41:10	32			CC35B	MAG STANDBY ON			65215:29:788F	06-191/09:42:23	2TI
105	191 20:41:10	32			CC35GR	MAG SENSOR HTR OFF			65215:29:788F	06-191/09:42:23	2TI
106	191 20:41:10	32			CC36GR	ISS WA VID REPL HTR OFF			65215:29:788F	06-191/09:42:23	2TI
107	191 20:41:10	32			CC36HR	ISS WA ELEC REPL HTR OFF			65215:29:788F	06-191/09:42:23	2TI
108	191 20:41:10	32			CC36CRP	ISS NA OPTICS HTR OFF			65215:29:788F	06-191/09:42:23	2TI
109	191 20:41:10	32			CC36FRP	ISS NA VID REPL HTR OFF			65215:29:788F	06-191/09:42:23	2TI
110	191 20:41:10	32			CC36JRP	ISS NA ELEC REPL HTR OFF			65215:29:788F	06-191/09:42:23	2TI
111	191 20:41:10	32			CC39DR	IRIS REPL HTR OFF			65215:29:788F	06-191/09:42:23	2TI
112	191 20:41:10	32			CC39FR	IRIS STANDBY A SUPPLY OFF			65215:29:788F	06-191/09:42:23	2TI
113	191 20:41:10	32			CC39BR	IRIS STANDBY B SUPPLY OFF			65215:29:788F	06-191/09:42:23	2TI
114	191 20:41:10	32				SCIENCE INSTRUMENT STATUS			65215:29:788F	06-191/09:42:23	2TI
115	191 20:41:10	32			SC21AF	01000 CRS CMD WORD			65215:29:788F	06-191/09:42:23	2TI

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116	191 20:41:10	32			SC21AF	02000 CRS CMD WORD			65215:29:788F	06-191/09:42:23	2TI
117	191 20:41:10	32			SC21AF	03010 CRS CMD WORD			65215:29:788F	06-191/09:42:23	2TI
118	191 20:41:10	32			SC21AF	04000 CRS CMD WORD			65215:29:788F	06-191/09:42:23	2TI
119	191 20:41:10	32			SC21AF	05302 CRS CMD WORD			65215:29:788F	06-191/09:42:23	2TI
120	191 20:41:10	32			SC21AF	06200 CRS CMD WORD			65215:29:788F	06-191/09:42:23	2TI
121	191 20:41:10	32			SC21AF	07000 CRS CMD WORD			65215:29:788F	06-191/09:42:23	2TI
122	191 20:41:10	32			SC21AF	08200 CRS CMD WORD			65215:29:788F	06-191/09:42:23	2TI
123	191 20:41:10	32			SC21AF	10000 CRS CMD WORD			65215:29:788F	06-191/09:42:23	2TI
124	191 20:41:10	32			SC21AF	11000 CRS CMD WORD			65215:29:788F	06-191/09:42:23	2TI
125	191 20:41:10	32			SC21AF	12000 CRS CMD WORD			65215:29:788F	06-191/09:42:23	2TI
126	191 20:41:10	32			SC21AF	13004 CRS CMD WORD			65215:29:788F	06-191/09:42:23	2TI
127	191 20:41:10	32			SC21AG	CRS HV FLAG			65215:29:788F	06-191/09:42:23	2TI
128	191 20:41:10	32			SC21AH	CRS CAL-ST FLAG			65215:29:788F	06-191/09:42:23	2TI
129	191 20:41:10	32			SC22AF	1347 PRA CONFIGURATION CMD			65215:29:788F	06-191/09:42:23	2TI
130	191 20:41:10	32			SC22NU	0000 PRA MODE SELECT			65215:29:788F	06-191/09:42:23	2TI
131	191 20:41:10	32			SC23AD	5 PWS CMD WORD			65215:29:788F	06-191/09:42:23	2TI
132	191 20:41:10	32			SC25AH	1677 LECP CMD WORD			65215:29:788F	06-191/09:42:23	2TI
133	191 20:41:10	32			SC25AH	3017 LECP CMD WORD			65215:29:788F	06-191/09:42:23	2TI
134	191 20:41:10	32			SC25AH	5600 LECP CMD WORD			65215:29:788F	06-191/09:42:23	2TI
135	191 20:41:10	32			SC25AH	6032 LECP CMD WORD			65215:29:788F	06-191/09:42:23	2TI
136	191 20:41:10	32			SC25AJ	1 LECP MOTOR STEP CMD			65215:29:788F	06-191/09:42:23	2TI
137	191 20:41:10	32			SC25AN	0 LECP NEAR/FAR ENC			65215:29:788F	06-191/09:42:23	2TI
138	191 20:41:10	32			SC25AQ	5200 LECP SAFE CMD			65215:29:788F	06-191/09:42:23	2TI

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139	191 20:41:10	32			SC32AF	2 PLS E1 INT/AMP GAIN			65215:29:788F	06-191/09:42:23	2TI
140	191 20:41:10	32			SC32AG	2 PLS E2 INT/AMP GAIN			65215:29:788F	06-191/09:42:23	2TI
141	191 20:41:10	32			SC32AH	2 PLS M INT/AMP GAIN			65215:29:788F	06-191/09:42:23	2TI
142	191 20:41:10	32			SC32AJ	15 PLS CONFIG CMD			65215:29:788F	06-191/09:42:23	2TI
143	191 20:41:10	32			SC32AK	2 PLS L INT/AMP GAIN			65215:29:788F	06-191/09:42:23	2TI
144	191 20:41:10	32			SC32AL	216 PLS M START WORD 1			65215:29:788F	06-191/09:42:23	2TI
145	191 20:41:10	32			SC32AM	116 PLS M START WORD 2			65215:29:788F	06-191/09:42:23	2TI
146	191 20:41:10	32			SC32AN	2 PLS M MODE			65215:29:788F	06-191/09:42:23	2TI
147	191 20:41:10	32			SC32AP	3 PLS E1 SHRT			65215:29:788F	06-191/09:42:23	2TI
148	191 20:41:10	32			SC32AQ	3 PLS E2 SHRT			65215:29:788F	06-191/09:42:23	2TI
149	191 20:41:10	32			SC32AR	3 PLS L SHORT			65215:29:788F	06-191/09:42:23	2TI
150	191 20:41:10	32			SC32AS	2 PLS E1 LONG			65215:29:788F	06-191/09:42:23	2TI
151	191 20:41:10	32			SC32AT	2 PLS E2 LONG			65215:29:788F	06-191/09:42:23	2TI
152	191 20:41:10	32			SC32AU	2 PLS L LONG			65215:29:788F	06-191/09:42:23	2TI
153	191 20:41:10	32			SC34AE	13 UVS MODE/HV LEVEL			65215:29:788F	06-191/09:42:23	2TI
154	191 20:41:10	32			SC34AF	0 UVS READ OUT FLAG			65215:29:788F	06-191/09:42:23	2TI
155	191 20:41:10	32			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			65215:29:788F	06-191/09:42:23	2TI
156	191 20:41:10	32			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			65215:29:788F	06-191/09:42:23	2TI
157	192 00:00:00	32				VGR-32 OWLT IS 10H 58M 48S					2L
158	192 12:00:00	32				VGR-32 OWLT IS 10H 58M 50S					2L
159	193 00:00:00	32				VGR-32 OWLT IS 10H 58M 52S					2L
160	193 12:00:00	32				VGR-32 OWLT IS 10H 58M 54S					2L
161	194 00:00:00	32				VGR-32 OWLT IS 10H 58M 57S					2L

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
162	194 12:00:00	32				VGR-32 OWLT IS 10H 58M 59S					2L
163	195 00:00:00	32				VGR-32 OWLT IS 10H 59M 01S					2L
164	195 12:00:00	32				VGR-32 OWLT IS 10H 59M 04S					2L
165	196 00:00:00	32				VGR-32 OWLT IS 10H 59M 06S					2L
166	196 12:00:00	32				VGR-32 OWLT IS 10H 59M 08S					2L
167	197 00:00:00	32				VGR-32 OWLT IS 10H 59M 11S					2L
168	197 12:00:00	32				VGR-32 OWLT IS 10H 59M 13S					2L
169	198 00:00:00	32				VGR-32 OWLT IS 10H 59M 16S					2L
170	198 12:00:00	32				VGR-32 OWLT IS 10H 59M 18S					2L
171	199 00:00:00	32				VGR-32 OWLT IS 10H 59M 21S					2L
172	199 12:00:00	32				VGR-32 OWLT IS 10H 59M 24S					2L
173	200 00:00:00	32				VGR-32 OWLT IS 10H 59M 26S					2L
174	200 12:00:00	32				VGR-32 OWLT IS 10H 59M 29S					2L
175	201 00:00:00	32				VGR-32 OWLT IS 10H 59M 32S					2L
176	201 12:00:00	32				VGR-32 OWLT IS 10H 59M 34S					2L
177	202 00:00:00	32				VGR-32 OWLT IS 10H 59M 37S					2L
178	202 12:00:00	32				VGR-32 OWLT IS 10H 59M 40S					2L
179	203 00:00:00	32				VGR-32 OWLT IS 10H 59M 43S					2L
180	203 12:00:00	32				VGR-32 OWLT IS 10H 59M 46S					2L
181	204 00:00:00	32				VGR-32 OWLT IS 10H 59M 48S					2L
182	204 12:00:00	32				VGR-32 OWLT IS 10H 59M 51S					2L
183	205 00:00:00	32				VGR-32 OWLT IS 10H 59M 54S					2L
184	205 12:00:00	32				VGR-32 OWLT IS 10H 59M 57S					2L

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
185	206 00:00:00	32				VGR-32 OWLT IS 11H 00M 00S					2L
186	206 12:00:00	32				VGR-32 OWLT IS 11H 00M 03S					2L
187	207 00:00:00	32				VGR-32 OWLT IS 11H 00M 06S					2L
188	207 12:00:00	32				VGR-32 OWLT IS 11H 00M 10S					2L
189	208 00:00:00	32				VGR-32 OWLT IS 11H 00M 13S					2L
190	208 12:00:00	32				VGR-32 OWLT IS 11H 00M 16S					2L
191	209 00:00:00	32				VGR-32 OWLT IS 11H 00M 19S					2L
192	209 12:00:00	32				VGR-32 OWLT IS 11H 00M 22S					2L
193	210 00:00:00	32				VGR-32 OWLT IS 11H 00M 25S					2L
194	210 12:00:00	32				VGR-32 OWLT IS 11H 00M 29S					2L
195	211 00:00:00	32				VGR-32 OWLT IS 11H 00M 32S					2L
196	211 12:00:00	32				VGR-32 OWLT IS 11H 00M 35S					2L
197	212 00:00:00	32				VGR-32 OWLT IS 11H 00M 39S					2L
198	212 12:00:00	32				VGR-32 OWLT IS 11H 00M 42S					2L
199	213 00:00:00	32				VGR-32 OWLT IS 11H 00M 46S					2L
200	213 12:00:00	32				VGR-32 OWLT IS 11H 00M 49S					2L
201	214 00:00:00	32				VGR-32 OWLT IS 11H 00M 52S					2L
202	214 12:00:00	32				VGR-32 OWLT IS 11H 00M 56S					2L
203	215 00:00:00	32				VGR-32 OWLT IS 11H 00M 59S					2L
204	215 12:00:00	32				VGR-32 OWLT IS 11H 01M 03S					2L
205	216 00:00:00	32				VGR-32 OWLT IS 11H 01M 07S					2L
206	216 12:00:00	32				VGR-32 OWLT IS 11H 01M 10S					2L
207	217 00:00:00	32				VGR-32 OWLT IS 11H 01M 14S					2L

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
208	217 12:00:00	32				VGR-32 OWLT IS 11H 01M 18S					2L
209	218 00:00:00	32				VGR-32 OWLT IS 11H 01M 21S					2L
210	218 12:00:00	32				VGR-32 OWLT IS 11H 01M 25S					2L
211	219 00:00:00	32				VGR-32 OWLT IS 11H 01M 29S					2L
212	219 10:56:32	32		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
213	219 11:01:32	32		ACE	OPCH		FDS	CR-5T	00507:22:005F	06-219/00:00:00	2ESf
						FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11					
214	219 11:01:32	32					DTR		00507:22:005F	06-219/00:00:00	2ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1740					
215	219 11:01:32	32					AACS		00507:22:005F	06-219/00:00:00	2ESa
						AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: OFF					
216	219 12:00:00	32				VGR-32 OWLT IS 11H 01M 33S					2L
217	220 00:00:00	32				VGR-32 OWLT IS 11H 01M 36S					2L
218	220 11:01:28	32		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
219	220 11:01:28	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
220	220 11:02:16	32		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
230	220 11:07:16	32					DTR		00537:29:001F	06-220/00:05:35	2ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2030					
231	220 11:07:16	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		00537:29:002F	06-220/00:05:35	2ECs
232	220 12:00:00	32				VGR-32 OWLT IS 11H 01M 40S					2L
233	221 00:00:00	32				VGR-32 OWLT IS 11H 01M 44S					2L
234	221 12:00:00	32				VGR-32 OWLT IS 11H 01M 48S					2L
235	222 00:00:00	32				VGR-32 OWLT IS 11H 01M 52S					2L
236	222 12:00:00	32				VGR-32 OWLT IS 11H 01M 56S					2L
237	222 12:29:08	32				B- DREL40.1			00599:11:001F	06-222/01:27:11	2TB
238	222 12:50:44	32				B133 UPLINK WINDOW OPEN			00599:38:001F	06-222/01:48:47	2T
239	222 13:05:56	32				CCS SINGLE ID MRO FOR CHECKSUM			00599:57:001F	06-222/02:03:59	2T
240	222 13:19:20	32		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
241	222 13:19:20	32		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
242	222 13:24:09	32			SC06BB	(32 0 07 0) FDS MODE TO: EL-40 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		00600:19:626F	06-222/02:22:13	2ECf
243	222 13:24:20	32		ACE	OPCH		FDS	CE-40	00600:20:001F	06-222/02:22:23	2ESf
						FDS STATUS EL-40/X40/S40 MEM:PB/FDS11 SA/FDS11					

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
244	222 13:24:20	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		00600:20:002F	06-222/02:22:23	2ECs
245	222 13:29:08	32				B- DRCR5T.1			00600:26:001F	06-222/02:27:11	2TB
246	222 13:29:08	32				BR6-A (CR5T MI=32) BY RTC			00600:26:001F	06-222/02:27:11	2T
247	222 14:19:21	32		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESF
248	222 14:19:21	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
249	222 14:24:11	32			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACCS READOUT MODE : TELEMETRY	FDS		00601:34:631F	06-222/03:22:13	2ECF
250	222 14:24:21	32		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	00601:35:001F	06-222/03:22:23	2ESF
251	222 14:24:21	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		00601:35:002F	06-222/03:22:23	2ECs
252	222 16:45:57	32			AC7SSB	(4 +172) SS BIAS CONTROL --- YAW	AACS		00604:32:003F	06-222/05:43:59	2ECa
253	223 00:00:00	32				VGR-32 OWLT IS 11H 02M 00S					2L
254	223 12:00:00	32				VGR-32 OWLT IS 11H 02M 04S					2L
255	224 00:00:00	32				VGR-32 OWLT IS 11H 02M 08S					2L
256	224 12:00:00	32				VGR-32 OWLT IS 11H 02M 12S					2L
257	225 00:00:00	32				VGR-32 OWLT IS 11H 02M 16S					2L

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT 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	225 12:00:00	32				VGR-32 OWLT IS 11H 02M 20S					2L
259	226 00:00:00	32				VGR-32 OWLT IS 11H 02M 24S					2L
260	226 07:54:27	32			AC7SSB	(4 +173) SS BIAS CONTROL --- YAW	AACS		00713:27:003F	06-225/20:51:59	2ECa
261	226 12:00:00	32				VGR-32 OWLT IS 11H 02M 28S					2L
262	227 00:00:00	32				VGR-32 OWLT IS 11H 02M 33S					2L
263	227 10:38:24	32		ACE	OPCH	>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
264	227 10:38:24	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
265	227 10:39:12	32		ACE	OPCH	>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
266	227 10:39:12	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
267	227 10:42:36	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		00746:57:009F	06-226/23:40:00	2ECf
268	227 10:43:20	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		00746:57:735F	06-226/23:40:43	2ECd
269	227 10:43:20	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:2038	DTR		00746:57:735F	06-226/23:40:43	2ESd

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
270	227 10:43:24	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	00746:58:001F	06-226/23:40:47	2ESf
271	227 10:43:24	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		00746:58:002F	06-226/23:40:47	2ECs
272	227 10:43:25	32			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		00746:58:025F	06-226/23:40:49	2ECf
273	227 10:44:12	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	00746:59:001F	06-226/23:41:35	2ESf
274	227 10:44:12	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		00746:59:001F	06-226/23:41:35	2ECd
275	227 10:44:12	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2328	DTR		00746:59:001F	06-226/23:41:35	2ESd
276	227 10:44:12	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		00746:59:002F	06-226/23:41:35	2ECs
277	227 12:00:00	32				VGR-32 OWLT IS 11H 02M 37S					2L
278	228 00:00:00	32				VGR-32 OWLT IS 11H 02M 41S					2L
279	228 12:00:00	32				VGR-32 OWLT IS 11H 02M 45S					2L
280	229 00:00:00	32				VGR-32 OWLT IS 11H 02M 50S					2L

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
310	234 10:20:27	32				B- DRCSR			00956:28:018F	06-233/23:16:48	2TB
311	234 10:20:27	32			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		00956:28:025F	06-233/23:16:49	2ECf
312	234 10:21:14	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	00956:29:001F	06-233/23:17:35	2ESf
313	234 10:21:14	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		00956:29:001F	06-233/23:17:35	2ECd
314	234 10:21:14	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2626	DTR		00956:29:001F	06-233/23:17:35	2ESd
315	234 10:21:14	32			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		00956:29:002F	06-233/23:17:35	2ECs
316	234 10:21:15	32				END PWSREC			00956:29:018F	06-233/23:17:36	2T
317	234 11:21:50	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESF
318	234 11:21:50	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
319	234 11:22:02	32				BEGIN PMPCALLR			00957:45:001F	06-234/00:18:23	2T
320	234 11:26:02	32				B- DRCSR5T			00957:50:001F	06-234/00:22:23	2TB
321	234 11:26:02	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		00957:50:009F	06-234/00:22:24	2ECf

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
334	234 14:54:52	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	00962:11:001F	06-234/03:51:11	2ESf
335	234 14:54:52	32			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		00962:11:002F	06-234/03:51:11	2ECs
336	234 14:54:53	32				END PMPCALLR			00962:11:018F	06-234/03:51:12	2T
337	235 00:00:00	32				VGR-32 OWLT IS 11H 03M 43S					2L
338	235 12:00:00	32				VGR-32 OWLT IS 11H 03M 48S					2L
339	236 00:00:00	32				VGR-32 OWLT IS 11H 03M 52S					2L
340	236 12:00:00	32				VGR-32 OWLT IS 11H 03M 57S					2L
341	237 00:00:00	32				VGR-32 OWLT IS 11H 04M 02S					2L
342	237 05:20:04	32			AC7SSB	(4 +176) SS BIAS CONTROL --- YAW	AACS		01040:12:003F	06-236/18:15:59	2ECa
343	237 12:00:00	32				VGR-32 OWLT IS 11H 04M 06S					2L
344	238 00:00:00	32				VGR-32 OWLT IS 11H 04M 11S					2L
345	238 12:00:00	32				VGR-32 OWLT IS 11H 04M 16S					2L
346	239 00:00:00	32				VGR-32 OWLT IS 11H 04M 21S					2L
347	239 12:00:00	32				VGR-32 OWLT IS 11H 04M 25S					2L
348	240 00:00:00	32				VGR-32 OWLT IS 11H 04M 30S					2L
349	240 02:59:51	32	40RISE			10.2 DEGREE RISE DSC-40					2V
350	240 12:00:00	32				VGR-32 OWLT IS 11H 04M 35S					2L
351	240 19:44:01	32	40 SET			10.2 DEGREE SET DSC-40					2V
352	240 20:28:38	32			AC7SSB	(4 +177) SS BIAS CONTROL --- YAW	AACS		01149:07:003F	06-240/09:23:59	2ECa
353	241 00:00:00	32				VGR-32 OWLT IS 11H 04M 40S					2L

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
354	241 02:55:53	32	40RISE			10.2 DEGREE RISE DSC-40					2V
355	241 09:52:32	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
356	241 09:52:32	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
357	241 09:53:20	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
358	241 09:53:20	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
359	241 09:56:44	32				BEGIN PWSREC			01165:57:001F	06-240/22:51:59	2T
360	241 09:56:44	32				B- DRGS4B			01165:57:001F	06-240/22:51:59	2TB
361	241 09:56:44	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		01165:57:009F	06-240/22:52:00	2ECf
362	241 09:57:28	32				BEGIN RECORDING PWS DATA			01165:57:734F	06-240/22:52:43	2T
363	241 09:57:28	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		01165:57:735F	06-240/22:52:43	2ECd
364	241 09:57:28	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:2634	DTR		01165:57:735F	06-240/22:52:43	2ESd
365	241 09:57:32	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	01165:58:001F	06-240/22:52:47	2ESf

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
379	242 02:51:54	32	40RISE			10.2 DEGREE RISE DSC-40					2V
380	242 12:00:00	32				VGR-32 OWLT IS 11H 04M 55S					2L
381	242 15:00:08	32				B- GYONAB.32			01202:16:001F	06-242/03:55:11	2TB
382	242 15:00:08	32				BEGIN GYONAB32			01202:16:001F	06-242/03:55:11	2T
383	242 15:00:08	32			AC7GYP	(000) DRIRU PATTERN CONTROL GYRO/AXIS=A/PITCH & YAW B/ROLL	AACS		01202:16:003F	06-242/03:55:11	2ECa
384	242 15:00:08	32			CC7GCRP	GYRO C OFF	PWR		01202:16:004F	06-242/03:55:11	2ECp
385	242 15:00:08	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: OFF	AACS		01202:16:004F	06-242/03:55:11	2ESa
386	242 15:00:08	32			CC7GCRP	GYRO C OFF	PWR		01202:16:006F	06-242/03:55:12	2ECp
387	242 15:00:08	32			CC7PC	(372) GYRO C OFF	AACS		01202:16:008F	06-242/03:55:12	2ECa
388	242 15:00:08	32			CC7GBP	GYRO B ON	PWR		01202:16:009F	06-242/03:55:12	2ECp
389	242 15:00:08	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF	AACS		01202:16:009F	06-242/03:55:12	2ESa
390	242 15:00:08	32			CC7GBP	GYRO B ON	PWR		01202:16:011F	06-242/03:55:12	2ECp
391	242 15:00:08	32			CC7PC	(363) GYRO B ON	AACS		01202:16:013F	06-242/03:55:12	2ECa
392	242 15:00:09	32			CC7GAP	GYRO A ON	PWR		01202:16:014F	06-242/03:55:12	2ECp
393	242 15:00:09	32				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF	AACS		01202:16:014F	06-242/03:55:12	2ESa

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
394	242 15:00:09	32			CC7GAP	GYRO A ON	PWR		01202:16:016F	06-242/03:55:12	2ECp
395	242 15:00:09	32			CC7PC	(353) GYRO A ON	AACS		01202:16:018F	06-242/03:55:12	2ECa
396	242 15:00:37	32				DRIRU INITIALIZATION			01202:16:484F	06-242/03:55:40	2T
397	242 15:00:38	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		01202:16:501F	06-242/03:55:41	2ECa
398	242 15:01:07	32				SET CALIB			01202:17:184F	06-242/03:56:10	2T
399	242 15:01:08	32			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		01202:17:203F	06-242/03:56:11	2ECa
400	242 15:10:07	32				START GYRO FAULT TEST			01202:28:384F	06-242/04:05:10	2T
401	242 15:10:08	32			CC7GY	(4) DRIRU FAULT TEST START	AACS		01202:28:401F	06-242/04:05:11	2ECa
402	242 15:10:09	32				END GYONAB32			01202:28:418F	06-242/04:05:12	2T
403	242 19:36:02	32	40 SET			10.2 DEGREE SET DSC-40					2V
404	243 00:00:00	32				VGR-32 OWLT IS 11H 05M 00S					2L
405	243 02:47:56	32	40RISE			10.2 DEGREE RISE DSC-40					2V
406	243 12:00:00	32				VGR-32 OWLT IS 11H 05M 04S					2L
407	243 16:50:02	32		ACE ALL		END S/C-32 COMMAND MORATORIUM					2T
408	243 19:32:02	32	40 SET			10.2 DEGREE SET DSC-40					2V
409	244 00:00:00	32				VGR-32 OWLT IS 11H 05M 09S					2L
410	244 02:43:58	32	40RISE			10.2 DEGREE RISE DSC-40					2V
411	244 11:37:14	32			AC7SSB	(4 +178) SS BIAS CONTROL --- YAW	AACS		01258:02:003F	06-244/00:31:59	2ECa
412	244 12:00:00	32				VGR-32 OWLT IS 11H 05M 14S					2L
413	244 15:00:28	32				B- MISCMD			01262:16:001F	06-244/03:55:11	2TB
414	244 15:00:28	32				MISCMD - GYRO INIT			01262:16:001F	06-244/03:55:11	2T
415	244 15:00:28	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		01262:16:001F	06-244/03:55:11	2ECa

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
448	248 09:34:42	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		01375:28:002F	06-247/22:28:47	2ECs
449	248 09:34:43	32				B- DRCRUS			01375:28:018F	06-247/22:28:48	2TB
450	248 09:34:43	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		01375:28:025F	06-247/22:28:49	2ECF
451	248 09:35:30	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	01375:29:001F	06-247/22:29:35	2ESF
452	248 09:35:30	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		01375:29:001F	06-247/22:29:35	2ECd
453	248 09:35:30	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:3222	DTR		01375:29:001F	06-247/22:29:35	2ESd
454	248 09:35:30	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		01375:29:002F	06-247/22:29:35	2ECs
455	248 09:35:31	32				END PWSREC			01375:29:018F	06-247/22:29:36	2T
456	248 12:00:00	32				VGR-32 OWLT IS 11H 05M 55S					2L
457	248 15:01:08	32				B- MISCMD			01382:16:001F	06-248/03:55:11	2TB
458	248 15:01:08	32				MISCMD - GYRO INIT			01382:16:001F	06-248/03:55:11	2T
459	248 15:01:08	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		01382:16:001F	06-248/03:55:11	2ECa
460	248 19:12:04	32	40 SET			10.2 DEGREE SET DSC-40					2V
461	249 00:00:00	32				VGR-32 OWLT IS 11H 06M 00S					2L

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
492	249 08:06:52	32		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PB/FDS11 SA/FDS11	FDS	PB-14	01403:38:002F	06-248/21:00:47	2ESf
493	249 08:06:52	32			CC16C	(1210) DTR STATE SELECT:PLAYBACK	DTR		01403:38:005F	06-248/21:00:48	2ECd
494	249 08:06:52	32				DTR STATUS MODE:PLAY RATE:007.2K DIR:F TRK:3 TIC:1705	DTR		01403:38:005F	06-248/21:00:48	2ESd
495	249 08:06:53	32				END DDPB1432			01403:38:018F	06-248/21:00:48	2T
496	249 09:36:06	32			EOT	END OF TAPE			01405:29:444F	06-248/22:30:02	2Ed
497	249 09:36:07	32			EOT	END OF TAPE			01405:29:448F	06-248/22:30:02	2Ed
498	249 12:00:00	32				VGR-32 OWLT IS 11H 06M 05S					2L
499	249 12:15:06	32			BOT	BEGIN OF TAPE			01408:48:200F	06-249/01:08:59	2Ed
500	249 12:15:06	32			BOT	BEGIN OF TAPE			01408:48:204F	06-249/01:08:59	2Ed
501	249 14:37:07	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
502	249 14:37:07	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
503	249 14:37:07	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
504	249 14:41:19	32				B- DRCRUS			01411:51:001F	06-249/03:35:11	2TB
505	249 14:41:19	32			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		01411:51:009F	06-249/03:35:12	2ECf

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
506	249 14:42:07	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	01411:52:001F	06-249/03:35:59	2ESf
507	249 14:42:07	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		01411:52:002F	06-249/03:35:59	2ECs
508	249 14:42:07	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		01411:52:002F	06-249/03:35:59	2ECd
509	249 14:42:07	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:3375	DTR		01411:52:002F	06-249/03:35:59	2ESd
510	249 14:42:07	32			CC6AD	(2 2 1 0) SVC-W4 FDS MEM B WRT PROTECT	FDS		01411:52:003F	06-249/03:35:59	2ECf
511	249 14:42:07	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	01411:52:003F	06-249/03:35:59	2ESf
512	249 14:42:08	32				END PLAYBACK			01411:52:018F	06-249/03:36:00	2T
513	249 14:56:31	32				B- YAWDB			01412:10:001F	06-249/03:50:23	2TB
514	249 14:56:31	32				YAWDB - .10			01412:10:001F	06-249/03:50:23	2T
515	249 14:56:31	32			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		01412:10:004F	06-249/03:50:23	2ECa
516	249 19:08:05	32	40 SET			10.2 DEGREE SET DSC-40					2V
517	250 00:00:00	32				VGR-32 OWLT IS 11H 06M 11S					2L
518	250 02:20:10	32	40RISE			10.2 DEGREE RISE DSC-40					2V
519	250 06:30:13	32				TAPPOS-0550			01431:37:001F	06-249/19:23:59	2T
520	250 06:30:13	32			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		01431:37:002F	06-249/19:23:59	2ECd

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
536	251 07:16:00	32				BEGIN GYONBC32			01462:34:001F	06-250/20:09:35	2T
537	251 07:16:00	32			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		01462:34:003F	06-250/20:09:35	2ECa
538	251 07:16:00	32			CC7GARP	GYRO A OFF	PWR		01462:34:004F	06-250/20:09:35	2ECp
539	251 07:16:00	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF	AACS		01462:34:004F	06-250/20:09:35	2ESa
540	251 07:16:00	32			CC7GARP	GYRO A OFF	PWR		01462:34:006F	06-250/20:09:36	2ECp
541	251 07:16:00	32			CC7PC	(352) GYRO A OFF	AACS		01462:34:008F	06-250/20:09:36	2ECa
542	251 07:16:00	32			CC7GCP	GYRO C ON	PWR		01462:34:009F	06-250/20:09:36	2ECp
543	251 07:16:00	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		01462:34:009F	06-250/20:09:36	2ESa
544	251 07:16:00	32			CC7GCP	GYRO C ON	PWR		01462:34:011F	06-250/20:09:36	2ECp
545	251 07:16:00	32			CC7PC	(373) GYRO C ON	AACS		01462:34:013F	06-250/20:09:36	2ECa
546	251 07:16:29	32				DRIRU INITIALIZATION			01462:34:484F	06-250/20:10:04	2T
547	251 07:16:30	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		01462:34:501F	06-250/20:10:05	2ECa
548	251 07:16:59	32				SET CALIB			01462:35:184F	06-250/20:10:34	2T
549	251 07:17:00	32			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		01462:35:203F	06-250/20:10:35	2ECa
550	251 07:25:59	32				START GYRO FAULT TEST			01462:46:384F	06-250/20:19:34	2T
551	251 07:26:00	32			CC7GY	(4) DRIRU FAULT TEST START	AACS		01462:46:401F	06-250/20:19:35	2ECa
552	251 07:26:01	32				END GYONBC32			01462:46:418F	06-250/20:19:36	2T
553	251 08:16:01	32				B- CCSTIMB			01463:49:001F	06-250/21:09:35	2TB

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
588	255 08:48:44	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		01584:29:009F	06-254/21:41:36	2ECp
589	255 08:48:44	32			CC7PC	(312) DUMMY PWR CMD	AACS		01584:29:012F	06-254/21:41:36	2ECa
590	255 08:49:32	32				START FIRST YAW DRIFT TURN			01584:30:001F	06-254/21:42:23	2T
591	255 08:49:32	32			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		01584:30:004F	06-254/21:42:23	2ECa
592	255 08:53:32	32			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		01584:35:003F	06-254/21:46:23	2ECa
593	255 09:01:32	32			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		01584:45:003F	06-254/21:54:23	2ECa
594	255 09:05:32	32			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		01584:50:004F	06-254/21:58:23	2ECa
595	255 09:05:33	32				END THIRD YAW DRIFT TURN			01584:50:018F	06-254/21:58:24	2T
596	255 09:06:20	32				START FIRST PITCH DRIFT TURN			01584:51:001F	06-254/21:59:11	2T
597	255 09:06:20	32			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		01584:51:003F	06-254/21:59:11	2ECa
598	255 09:10:20	32			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		01584:56:004F	06-254/22:03:11	2ECa
599	255 09:18:20	32			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		01585:06:004F	06-254/22:11:11	2ECa
600	255 09:22:20	32			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		01585:11:003F	06-254/22:15:11	2ECa
601	255 09:22:21	32				END THIRD PITCH DRIFT TURN			01585:11:018F	06-254/22:15:12	2T
602	255 09:23:56	32			CC7SS	(1) SS SEARCH ENABLE	AACS		01585:13:001F	06-254/22:16:47	2ECa
603	255 09:23:56	32				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS	01585:13:001F	06-254/22:16:47	2ESa	
604	255 09:23:56	32			CC7PC	(327) IDET ACQUIRED	AACS		01585:13:002F	06-254/22:16:47	2ECa
605	255 09:23:56	32			CC7GARP	GYRO A OFF	PWR		01585:13:003F	06-254/22:16:47	2ECp
606	255 09:23:56	32			CC7GARP	GYRO A OFF	PWR		01585:13:005F	06-254/22:16:48	2ECp
607	255 09:23:56	32			CC7PC	(352) GYRO A OFF	AACS		01585:13:007F	06-254/22:16:48	2ECa
608	255 09:23:56	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		01585:13:008F	06-254/22:16:48	2ECp

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
652	256 05:36:05	32			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		01610:28:001F	06-255/18:28:47	2ECs
653	256 05:36:06	32				B- DRCRUS			01610:28:018F	06-255/18:28:48	2TB
654	256 05:36:06	32			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		01610:28:025F	06-255/18:28:49	2ECF
655	256 05:36:53	32		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	01610:29:001F	06-255/18:29:35	2ESF
656	256 05:36:53	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		01610:29:001F	06-255/18:29:35	2ECd
657	256 05:36:53	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0841	DTR		01610:29:001F	06-255/18:29:35	2ESd
658	256 05:36:53	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		01610:29:002F	06-255/18:29:35	2ECs
659	256 05:36:54	32				END PWSREC			01610:29:018F	06-255/18:29:36	2T
660	256 09:38:31	32			AC7SSB	(4 +181) SS BIAS CONTROL --- YAW	AACS		01615:31:003F	06-255/22:31:11	2ECa
661	256 12:00:00	32				VGR-32 OWLT IS 11H 07M 20S					2L
662	256 18:40:09	32	40	SET		10.2 DEGREE SET DSC-40					2V
663	257 00:00:00	32				VGR-32 OWLT IS 11H 07M 25S					2L
664	257 01:52:30	32	40	RISE		10.2 DEGREE RISE DSC-40					2V
665	257 12:00:00	32				VGR-32 OWLT IS 11H 07M 31S					2L

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
681	258 08:18:52	32			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		01673:51:002F	06-257/21:11:11	2ECs
682	258 08:25:17	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR COMMANDED TURN D/L AGC VARIATIONS EXPECTED					22EC
683	258 08:27:17	32			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		01674:01:419F	06-257/21:19:36	2ECa
684	258 08:27:17	32				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS	01674:01:419F	06-257/21:19:36	2ESa	
685	258 08:27:17	32			CC7GARP	GYRO A OFF	PWR		01674:01:419F	06-257/21:19:36	2ECp
686	258 08:27:17	32			CC7GARP	GYRO A OFF	PWR		01674:01:421F	06-257/21:19:36	2ECp
687	258 08:27:17	32			CC7PC	(352) GYRO A OFF	AACS		01674:01:423F	06-257/21:19:37	2ECa
688	258 08:27:17	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		01674:01:424F	06-257/21:19:37	2ECp
689	258 08:27:17	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		01674:01:426F	06-257/21:19:37	2ECp
690	258 08:27:17	32			CC7PC	(312) DUMMY PWR CMD	AACS		01674:01:428F	06-257/21:19:37	2ECa
691	258 08:30:17	32			AC7TCD	(322 033167) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		01674:05:219F	06-257/21:22:36	2ECa
692	258 12:00:00	32				VGR-32 OWLT IS 11H 07M 42S					2L
693	258 12:55:17	32			SC32AJ	(10) PLS CONFIG CMD	FDS		01679:36:392F	06-258/01:47:35	2ECf
694	258 13:28:24	32			SC32AJ	(11) PLS CONFIG CMD	FDS		01680:17:708F	06-258/02:20:42	2ECf
695	258 14:01:33	32				ROLL TURN COMPLETE (NOMINAL)			01680:59:251F	06-258/02:53:50	2T
696	258 14:03:59	32			CC7PC	(345) CMDED TURN COMPLETE	AACS		01681:02:290F	06-258/02:56:17	2ECa
697	258 14:09:19	32			SC32AJ	(15) PLS CONFIG CMD	FDS		01681:09:025F	06-258/03:01:37	2ECf
698	258 14:18:20	32				RESET CALIB			01681:20:218F	06-258/03:10:36	2T

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
699	258 14:18:20	32			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		01681:20:220F	06-258/03:10:36	2ECa
700	258 14:18:50	32			CC7SS	(1) SS SEARCH ENABLE	AACS		01681:20:718F	06-258/03:11:06	2ECa
701	258 14:18:50	32				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS	01681:20:718F	06-258/03:11:06	2ESa	
702	258 14:18:50	32			CC7PC	(327) IDET ACQUIRED	AACS		01681:20:719F	06-258/03:11:06	2ECa
703	258 14:18:50	32			CC7GARP	GYRO A OFF	PWR		01681:20:719F	06-258/03:11:06	2ECp
704	258 14:18:50	32			CC7GARP	GYRO A OFF	PWR		01681:20:721F	06-258/03:11:07	2ECp
705	258 14:18:50	32			CC7PC	(352) GYRO A OFF	AACS		01681:20:724F	06-258/03:11:07	2ECa
706	258 14:18:50	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		01681:20:724F	06-258/03:11:07	2ECp
707	258 14:18:50	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		01681:20:726F	06-258/03:11:07	2ECp
708	258 14:18:50	32			CC7PC	(312) DUMMY PWR CMD	AACS		01681:20:728F	06-258/03:11:07	2ECa
709	258 14:24:50	32			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		01681:28:318F	06-258/03:17:06	2ECa
710	258 14:25:55	32				GYROS OFF			01681:29:601F	06-258/03:18:11	2T
711	258 14:25:55	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS	01681:29:601F	06-258/03:18:11	2ESa	
712	258 14:25:55	32			CC7PC	(307) STAR ACQUIRED	AACS		01681:29:602F	06-258/03:18:11	2ECa
713	258 14:25:55	32			CC7GCRP	GYRO C OFF	PWR		01681:29:602F	06-258/03:18:11	2ECp
714	258 14:25:55	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF	AACS	01681:29:602F	06-258/03:18:11	2ESa	

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
733	258 14:37:20	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		01681:44:026F	06-258/03:29:37	2ECf
734	258 14:38:07	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	01681:45:001F	06-258/03:30:23	2ESf
735	258 14:38:07	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		01681:45:002F	06-258/03:30:23	2ECs
736	258 14:38:08	32				END MAGROLBC32			01681:45:018F	06-258/03:30:24	2T
737	258 18:32:10	32	40 SET			10.2 DEGREE SET DSC-40					2V
738	259 00:00:00	32				VGR-32 OWLT IS 11H 07M 47S					2L
739	259 01:44:36	32	40RISE			10.2 DEGREE RISE DSC-40					2V
740	259 12:00:00	32				VGR-32 OWLT IS 11H 07M 52S					2L
741	259 16:10:14	32		ACE ALL		END S/C-32 COMMAND MORATORIUM					2T
742	259 18:28:11	32	40 SET			10.2 DEGREE SET DSC-40					2V
743	260 00:00:00	32				VGR-32 OWLT IS 11H 07M 58S					2L
744	260 01:40:40	32	40RISE			10.2 DEGREE RISE DSC-40					2V
745	260 12:00:00	32				VGR-32 OWLT IS 11H 08M 04S					2L
746	260 14:26:16	32				END GAIN32			01741:29:584F	06-260/03:18:10	2T
747	260 18:24:12	32	40 SET			10.2 DEGREE SET DSC-40					2V
748	261 00:00:00	32				VGR-32 OWLT IS 11H 08M 09S					2L
749	261 01:36:43	32	40RISE			10.2 DEGREE RISE DSC-40					2V

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
767	263 05:12:34	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		01819:57:009F	06-262/18:04:00	2ECf
768	263 05:13:18	32				BEGIN RECORDING PWS DATA			01819:57:734F	06-262/18:04:43	2T
769	263 05:13:18	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		01819:57:735F	06-262/18:04:43	2ECd
770	263 05:13:18	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:0848	DTR		01819:57:735F	06-262/18:04:43	2ESd
771	263 05:13:22	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	01819:58:001F	06-262/18:04:47	2ESf
772	263 05:13:22	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		01819:58:002F	06-262/18:04:47	2ECs
773	263 05:13:23	32				B- DRCRUS			01819:58:018F	06-262/18:04:48	2TB
774	263 05:13:23	32			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		01819:58:025F	06-262/18:04:49	2ECf
775	263 05:14:10	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	01819:59:001F	06-262/18:05:35	2ESf
776	263 05:14:10	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		01819:59:001F	06-262/18:05:35	2ECd

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
843	270 04:49:53	32				B- DRGS4B			02029:27:001F	06-269/17:39:59	2TB
844	270 04:49:53	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		02029:27:009F	06-269/17:40:00	2ECf
845	270 04:50:37	32				BEGIN RECORDING PWS DATA			02029:27:734F	06-269/17:40:43	2T
846	270 04:50:37	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		02029:27:735F	06-269/17:40:43	2ECd
847	270 04:50:37	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:1146	DTR		02029:27:735F	06-269/17:40:43	2ESd
848	270 04:50:41	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	02029:28:001F	06-269/17:40:47	2ESf
849	270 04:50:41	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		02029:28:002F	06-269/17:40:47	2ECs
850	270 04:50:42	32				B- DRCRUS			02029:28:018F	06-269/17:40:48	2TB
851	270 04:50:42	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		02029:28:025F	06-269/17:40:49	2ECf
852	270 04:51:29	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	02029:29:001F	06-269/17:41:35	2ESf
853	270 04:51:29	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		02029:29:001F	06-269/17:41:35	2ECd

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
854	270 04:51:29	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1437	DTR		02029:29:001F	06-269/17:41:35	2ESd
855	270 04:51:29	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		02029:29:002F	06-269/17:41:35	2ECs
856	270 04:51:30	32				END PWSREC			02029:29:018F	06-269/17:41:36	2T
857	270 12:00:00	32				VGR-32 OWLT IS 11H 09M 56S					2L
858	270 17:44:20	32	40	SET		10.2 DEGREE SET DSC-40					2V
859	271 00:00:00	32				VGR-32 OWLT IS 11H 10M 02S					2L
860	271 00:57:22	32	40	RISE		10.2 DEGREE RISE DSC-40					2V
861	271 12:00:00	32				VGR-32 OWLT IS 11H 10M 08S					2L
862	271 17:40:22	32	40	SET		10.2 DEGREE SET DSC-40					2V
863	272 00:00:00	32				VGR-32 OWLT IS 11H 10M 13S					2L
864	272 00:53:27	32	40	RISE		10.2 DEGREE RISE DSC-40					2V
865	272 02:26:15	32			AC7SSB	(3 -014) SS BIAS CONTROL - PITCH	AACS		02086:27:003F	06-271/15:15:59	2ECa
866	272 12:00:00	32				VGR-32 OWLT IS 11H 10M 19S					2L
867	272 17:36:23	32	40	SET		10.2 DEGREE SET DSC-40					2V
868	273 00:00:00	32				VGR-32 OWLT IS 11H 10M 25S					2L
869	273 00:49:32	32	40	RISE		10.2 DEGREE RISE DSC-40					2V
870	273 12:00:00	32				VGR-32 OWLT IS 11H 10M 31S					2L
871	273 17:32:24	32	40	SET		10.2 DEGREE SET DSC-40					2V
872	274 00:00:00	32				VGR-32 OWLT IS 11H 10M 36S					2L
873	274 00:45:37	32	40	RISE		10.2 DEGREE RISE DSC-40					2V

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
893	277 04:27:13	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		02238:57:009F	06-276/17:16:00	2ECf
894	277 04:27:57	32				BEGIN RECORDING PWS DATA			02238:57:734F	06-276/17:16:43	2T
895	277 04:27:57	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		02238:57:735F	06-276/17:16:43	2ECd
896	277 04:27:57	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:1444	DTR		02238:57:735F	06-276/17:16:43	2ESd
897	277 04:28:01	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	02238:58:001F	06-276/17:16:47	2ESf
898	277 04:28:01	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		02238:58:002F	06-276/17:16:47	2ECs
899	277 04:28:02	32				B- DRCRUS			02238:58:018F	06-276/17:16:48	2TB
900	277 04:28:02	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		02238:58:025F	06-276/17:16:49	2ECf
901	277 04:28:49	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	02238:59:001F	06-276/17:17:35	2ESf
902	277 04:28:49	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		02238:59:001F	06-276/17:17:35	2ECd

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT 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	277 04:28:49	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1735	DTR		02238:59:001F	06-276/17:17:35	2ESd
904	277 04:28:49	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		02238:59:002F	06-276/17:17:35	2ECs
905	277 04:28:50	32				END PWSREC			02238:59:018F	06-276/17:17:36	2T
906	277 12:00:00	32				VGR-32 OWLT IS 11H 11M 17S					2L
907	277 17:16:31	32	40	SET		10.2 DEGREE SET DSC-40					2V
908	278 00:00:00	32				VGR-32 OWLT IS 11H 11M 23S					2L
909	278 00:29:57	32	40	RISE		10.2 DEGREE RISE DSC-40					2V
910	278 12:00:00	32				VGR-32 OWLT IS 11H 11M 29S					2L
911	278 17:12:32	32	40	SET		10.2 DEGREE SET DSC-40					2V
912	279 00:00:00	32				VGR-32 OWLT IS 11H 11M 34S					2L
913	279 00:26:03	32	40	RISE		10.2 DEGREE RISE DSC-40					2V
914	279 12:00:00	32				VGR-32 OWLT IS 11H 11M 40S					2L
915	279 17:08:34	32	40	SET		10.2 DEGREE SET DSC-40					2V
916	280 00:00:00	32				VGR-32 OWLT IS 11H 11M 46S					2L
917	280 00:22:08	32	40	RISE		10.2 DEGREE RISE DSC-40					2V
918	280 12:00:00	32				VGR-32 OWLT IS 11H 11M 52S					2L
919	280 17:04:36	32	40	SET		10.2 DEGREE SET DSC-40					2V
920	281 00:00:00	32				VGR-32 OWLT IS 11H 11M 58S					2L
921	281 00:18:14	32	40	RISE		10.2 DEGREE RISE DSC-40					2V
922	281 10:34:27	32			AC7SSB	(3 -013) SS BIAS CONTROL - PITCH	AACS		02366:35:003F	06-280/23:22:23	2ECa

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
953	284 04:06:11	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	02448:29:001F	06-283/16:53:35	2ESf
954	284 04:06:11	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		02448:29:001F	06-283/16:53:35	2ECd
955	284 04:06:11	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2033	DTR		02448:29:001F	06-283/16:53:35	2ESd
956	284 04:06:11	32			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		02448:29:002F	06-283/16:53:35	2ECs
957	284 04:06:12	32				END PWSREC			02448:29:018F	06-283/16:53:36	2T
958	284 08:25:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-0673 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
959	284 12:00:00	32				VGR-32 OWLT IS 11H 12M 38S					2L
960	284 14:15:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-0673 (D/L ONLY)					2DP
961	284 14:15:00	32				CFG CODES					2DP
962	284 14:25:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-0673					2DP
963	284 16:48:44	32	40 SET			10.2 DEGREE SET DSC-40					2V
964	284 16:55:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-0673					2DP
965	285 00:00:00	32				VGR-32 OWLT IS 11H 12M 44S					2L
966	285 00:02:37	32	40RISE			10.2 DEGREE RISE DSC-40					2V
967	285 06:50:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-0674 (D/L ONLY)					2DP
968	285 06:50:00	32				CFG CODES					2DP

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
969	285 10:55:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-0674					2DP
970	285 12:00:00	32				VGR-32 OWLT IS 11H 12M 50S					2L
971	285 16:44:46	32	40 SET			10.2 DEGREE SET DSC-40					2V
972	285 23:58:44	32	40RISE			10.2 DEGREE RISE DSC-40					2V
973	286 00:00:00	32				VGR-32 OWLT IS 11H 12M 56S					2L
974	286 08:30:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-0675 (D/L ONLY)					2DP
975	286 08:30:00	32				CFG CODES					2DP
976	286 12:00:00	32				VGR-32 OWLT IS 11H 13M 02S					2L
977	286 16:40:48	32	40 SET			10.2 DEGREE SET DSC-40					2V
978	286 16:50:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-0675					2DP
979	286 23:54:50	32	40RISE			10.2 DEGREE RISE DSC-40					2V
980	287 00:00:00	32				VGR-32 OWLT IS 11H 13M 07S					2L
981	287 08:10:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-0676 (D/L ONLY)					2DP
982	287 08:10:00	32				CFG CODES					2DP
983	287 12:00:00	32				VGR-32 OWLT IS 11H 13M 13S					2L
984	287 14:45:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-0676					2DP
985	287 16:36:50	32	40 SET			10.2 DEGREE SET DSC-40					2V
986	287 23:50:56	32	40RISE			10.2 DEGREE RISE DSC-40					2V
987	288 00:00:00	32				VGR-32 OWLT IS 11H 13M 19S					2L
988	288 08:35:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-0677 (D/L ONLY)					2DP
989	288 08:35:00	32				CFG CODES					2DP
990	288 12:00:00	32				VGR-32 OWLT IS 11H 13M 25S					2L

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1047	291 08:41:10	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		02664:11:002F	06-290/21:27:11	2ECs
1048	291 08:41:11	32				END PMPCALLR			02664:11:018F	06-290/21:27:12	2T
1049	291 12:00:00	32				VGR-32 OWLT IS 11H 14M 00S					2L
1050	291 13:15:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-0680					2DP
1051	291 13:25:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-0680 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
1052	291 16:21:00	32	40 SET			10.2 DEGREE SET DSC-40					2V
1053	291 17:00:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-0680					2DP
1054	291 23:35:22	32	40RISE			10.2 DEGREE RISE DSC-40					2V
1055	292 00:00:00	32				VGR-32 OWLT IS 11H 14M 06S					2L
1056	292 06:30:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-0681 (D/L ONLY)					2DP
1057	292 06:30:00	32				CFG CODES					2DP
1058	292 12:00:00	32				VGR-32 OWLT IS 11H 14M 11S					2L
1059	292 16:17:02	32	40 SET			10.2 DEGREE SET DSC-40					2V
1060	292 16:25:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-0681					2DP
1061	292 23:31:29	32	40RISE			10.2 DEGREE RISE DSC-40					2V
1062	293 00:00:00	32				VGR-32 OWLT IS 11H 14M 17S					2L
1063	293 02:00:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-0682 (D/L ONLY)					2DP
1064	293 02:00:00	32				CFG CODES					2DP
1065	293 12:00:00	32				VGR-32 OWLT IS 11H 14M 23S					2L
1066	293 16:13:05	32	40 SET			10.2 DEGREE SET DSC-40					2V

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1067	293 16:25:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-0682					2DP
1068	293 23:20:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-0683 (D/L ONLY)					2DP
1069	293 23:20:00	32				CFG CODES					2DP
1070	293 23:27:36	32	40RISE			10.2 DEGREE RISE DSC-40					2V
1071	294 00:00:00	32				VGR-32 OWLT IS 11H 14M 29S					2L
1072	294 12:00:00	32				VGR-32 OWLT IS 11H 14M 35S					2L
1073	294 16:09:08	32	40 SET			10.2 DEGREE SET DSC-40					2V
1074	294 16:20:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-0683					2DP
1075	294 23:23:43	32	40RISE			10.2 DEGREE RISE DSC-40					2V
1076	295 00:00:00	32				VGR-32 OWLT IS 11H 14M 40S					2L
1077	295 00:35:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-0684 (D/L ONLY)					2DP
1078	295 00:35:00	32				CFG CODES					2DP
1079	295 12:00:00	32				VGR-32 OWLT IS 11H 14M 46S					2L
1080	295 16:05:11	32	40 SET			10.2 DEGREE SET DSC-40					2V
1081	295 16:15:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-0684					2DP
1082	295 23:19:50	32	40RISE			10.2 DEGREE RISE DSC-40					2V
1083	296 00:00:00	32				VGR-32 OWLT IS 11H 14M 52S					2L
1084	296 06:30:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-0685 (D/L ONLY)					2DP
1085	296 06:30:00	32				CFG CODES					2DP
1086	296 12:00:00	32				VGR-32 OWLT IS 11H 14M 58S					2L
1087	296 12:15:46	32			AC7SSB	(3 -011) SS BIAS CONTROL - PITCH	AACS		02818:38:003F	06-296/01:00:47	2ECa
1088	296 13:45:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-0685					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
1136	298 03:20:52	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	02867:29:001F	06-297/16:05:35	2ESf
1137	298 03:20:52	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		02867:29:001F	06-297/16:05:35	2ECd
1138	298 03:20:52	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2629	DTR		02867:29:001F	06-297/16:05:35	2ESd
1139	298 03:20:52	32			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		02867:29:002F	06-297/16:05:35	2ECs
1140	298 03:20:53	32				END PWSREC			02867:29:018F	06-297/16:05:36	2T
1141	298 08:40:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-0687 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
1142	298 12:00:00	32				VGR-32 OWLT IS 11H 15M 21S					2L
1143	298 14:29:22	32		ACE ALL		END S/C-32 COMMAND MORATORIUM					2T
1144	298 15:53:20	32	40 SET			10.2 DEGREE SET DSC-40					2V
1145	298 16:35:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-0687					2DP
1146	298 23:08:12	32	40RISE			10.2 DEGREE RISE DSC-40					2V
1147	299 00:00:00	32				VGR-32 OWLT IS 11H 15M 26S					2L
1148	299 07:55:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-0688 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
1149	299 12:00:00	32				VGR-32 OWLT IS 11H 15M 32S					2L
1150	299 13:10:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-0688 (D/L ONLY)					2DP

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1151	299 13:10:00	32				CFG CODES					2DP
1152	299 13:30:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-0688					2DP
1153	299 15:49:23	32	40 SET			10.2 DEGREE SET DSC-40					2V
1154	299 16:00:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-0688					2DP
1155	299 23:04:19	32	40RISE			10.2 DEGREE RISE DSC-40					2V
1156	300 00:00:00	32				VGR-32 OWLT IS 11H 15M 38S					2L
1157	300 07:45:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-0689 (D/L ONLY)					2DP
1158	300 07:45:00	32				CFG CODES					2DP
1159	300 12:00:00	32				VGR-32 OWLT IS 11H 15M 43S					2L
1160	300 13:35:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-0689 (D/L ONLY)					2DP
1161	300 13:35:00	32				CFG CODES					2DP
1162	300 13:55:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-0689					2DP
1163	300 15:25:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-0689					2DP
1164	300 15:45:26	32	40 SET			10.2 DEGREE SET DSC-40					2V
1165	300 23:00:26	32	40RISE			10.2 DEGREE RISE DSC-40					2V
1166	301 00:00:00	32				VGR-32 OWLT IS 11H 15M 49S					2L
1167	301 06:15:52	32			AC7SSB	(3 -010) SS BIAS CONTROL - PITCH	AACS		02961:07:003F	06-300/18:59:59	2ECa
1168	301 07:55:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-0690 (D/L ONLY)					2DP
1169	301 07:55:00	32				CFG CODES					2DP
1170	301 12:00:00	32				VGR-32 OWLT IS 11H 15M 55S					2L
1171	301 13:00:43	32				B- MISCMD			02969:33:001F	06-301/01:44:47	2TB

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1172	301 13:00:43	32				MISCMD - GYRO INIT			02969:33:001F	06-301/01:44:47	2T
1173	301 13:00:43	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		02969:33:001F	06-301/01:44:47	2ECa
1174	301 13:05:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-0690 (D/L ONLY)					2DP
1175	301 13:05:00	32				CFG CODES					2DP
1176	301 13:25:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-0690					2DP
1177	301 15:41:29	32	40 SET			10.2 DEGREE SET DSC-40					2V
1178	301 15:50:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-0690					2DP
1179	301 22:56:34	32	40RISE			10.2 DEGREE RISE DSC-40					2V
1180	302 00:00:00	32				VGR-32 OWLT IS 11H 16M 00S					2L
1181	302 07:55:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-0691 (D/L ONLY)					2DP
1182	302 07:55:00	32				CFG CODES					2DP
1183	302 12:00:00	32				VGR-32 OWLT IS 11H 16M 06S					2L
1184	302 13:25:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-0691 (D/L ONLY)					2DP
1185	302 13:25:00	32				CFG CODES					2DP
1186	302 13:45:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-0691					2DP
1187	302 15:37:32	32	40 SET			10.2 DEGREE SET DSC-40					2V
1188	302 15:45:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-0691					2DP
1189	302 22:52:42	32	40RISE			10.2 DEGREE RISE DSC-40					2V
1190	303 00:00:00	32				VGR-32 OWLT IS 11H 16M 12S					2L
1191	303 10:00:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-0692 (D/L ONLY)					2DP
1192	303 10:00:00	32				CFG CODES					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
1212	304 06:29:14	32			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		03051:23:004F	06-303/19:12:47	2ECa
1213	304 06:30:03	32			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		03051:24:025F	06-303/19:13:37	2ECf
1214	304 06:30:50	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	03051:25:001F	06-303/19:14:23	2ESf
1215	304 06:30:50	32			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		03051:25:002F	06-303/19:14:23	2ECs
1216	304 06:37:15	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR COMMANDED TURN D/L AGC VARIATIONS EXPECTED					22EC
1217	304 06:39:15	32			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		03051:35:419F	06-303/19:22:48	2ECa
1218	304 06:39:15	32				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		03051:35:419F	06-303/19:22:48	2ESa
1219	304 06:39:15	32			CC7GARP	GYRO A OFF	PWR		03051:35:419F	06-303/19:22:48	2ECp
1220	304 06:39:15	32			CC7GARP	GYRO A OFF	PWR		03051:35:421F	06-303/19:22:48	2ECp
1221	304 06:39:15	32			CC7PC	(352) GYRO A OFF	AACS		03051:35:423F	06-303/19:22:49	2ECa
1222	304 06:39:15	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		03051:35:424F	06-303/19:22:49	2ECp
1223	304 06:39:15	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		03051:35:426F	06-303/19:22:49	2ECp
1224	304 06:39:15	32			CC7PC	(312) DUMMY PWR CMD	AACS		03051:35:428F	06-303/19:22:49	2ECa
1225	304 06:42:15	32			AC7TCD	(322 033167) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		03051:39:219F	06-303/19:25:48	2ECa

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1226	304 10:13:31	32				ROLL TURN COMPLETE (NOMINAL)			03056:03:251F	06-303/22:57:02	2T
1227	304 10:30:17	32				RESET CALIB			03056:24:218F	06-303/23:13:48	2T
1228	304 10:37:52	32				GYROS OFF			03056:33:601F	06-303/23:21:23	2T
1229	304 10:46:17	32				B- YAWDB			03056:44:218F	06-303/23:29:48	2TB
1230	304 10:46:17	32				YAWDB - .10			03056:44:218F	06-303/23:29:48	2T
1231	304 10:49:17	32				B- DRCSR			03056:48:018F	06-303/23:32:48	2TB
1232	304 10:50:05	32				END MAGROLBC32			03056:49:018F	06-303/23:33:36	2T
1233	304 11:07:15	32			SC32AJ	(10) PLS CONFIG CMD	FDS		03057:10:392F	06-303/23:50:47	2ECf
1234	304 11:40:22	32			SC32AJ	(11) PLS CONFIG CMD	FDS		03057:51:708F	06-304/00:23:54	2ECf
1235	304 12:00:00	32				VGR-32 OWLT IS 11H 16M 28S					2L
1236	304 12:15:58	32			CC7PC	(345) CMDED TURN COMPLETE	AACS		03058:36:290F	06-304/00:59:29	2ECa
1237	304 12:21:18	32			SC32AJ	(15) PLS CONFIG CMD	FDS		03058:43:025F	06-304/01:04:49	2ECf
1238	304 12:30:18	32			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		03058:54:220F	06-304/01:13:48	2ECa
1239	304 12:30:48	32			CC7SS	(1) SS SEARCH ENABLE	AACS		03058:54:718F	06-304/01:14:18	2ECa
1240	304 12:30:48	32				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS	03058:54:718F	06-304/01:14:18	2ESa	
1241	304 12:30:48	32			CC7PC	(327) IDET ACQUIRED	AACS		03058:54:719F	06-304/01:14:18	2ECa
1242	304 12:30:48	32			CC7GARP	GYRO A OFF	PWR		03058:54:719F	06-304/01:14:18	2ECp
1243	304 12:30:48	32			CC7GARP	GYRO A OFF	PWR		03058:54:721F	06-304/01:14:19	2ECp
1244	304 12:30:48	32			CC7PC	(352) GYRO A OFF	AACS		03058:54:724F	06-304/01:14:19	2ECa
1245	304 12:30:48	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		03058:54:724F	06-304/01:14:19	2ECp
1246	304 12:30:48	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		03058:54:726F	06-304/01:14:19	2ECp

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1247	304 12:30:48	32			CC7PC	(312) DUMMY PWR CMD	AACS		03058:54:728F	06-304/01:14:19	2ECa
1248	304 12:36:48	32			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		03059:02:318F	06-304/01:20:18	2ECa
1249	304 12:37:53	32					AACS		03059:03:601F	06-304/01:21:23	2ESa
						AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON					
1250	304 12:37:53	32			CC7PC	(307) STAR ACQUIRED	AACS		03059:03:602F	06-304/01:21:23	2ECa
1251	304 12:37:53	32			CC7GCRP	GYRO C OFF	PWR		03059:03:602F	06-304/01:21:23	2ECp
1252	304 12:37:53	32					AACS		03059:03:602F	06-304/01:21:23	2ESa
						AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF					
1253	304 12:37:53	32			CC7GCRP	GYRO C OFF	PWR		03059:03:605F	06-304/01:21:23	2ECp
1254	304 12:37:53	32			CC7PC	(372) GYRO C OFF	AACS		03059:03:607F	06-304/01:21:24	2ECa
1255	304 12:37:53	32			CC7GBRP	GYRO B OFF	PWR		03059:03:607F	06-304/01:21:24	2ECp
1256	304 12:37:53	32					AACS		03059:03:607F	06-304/01:21:24	2ESa
						AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: OFF					
1257	304 12:37:53	32			CC7GBRP	GYRO B OFF	PWR		03059:03:609F	06-304/01:21:24	2ECp
1258	304 12:37:53	32			CC7PC	(362) GYRO B OFF	AACS		03059:03:611F	06-304/01:21:24	2ECa
1259	304 12:37:53	32			CC7GARP	GYRO A OFF	PWR		03059:03:612F	06-304/01:21:24	2ECp
1260	304 12:37:54	32			CC7GARP	GYRO A OFF	PWR		03059:03:614F	06-304/01:21:24	2ECp
1261	304 12:37:54	32			CC7PC	(352) GYRO A OFF	AACS		03059:03:616F	06-304/01:21:24	2ECa
1262	304 12:37:54	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		03059:03:617F	06-304/01:21:24	2ECp

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1263	304 12:37:54	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		03059:03:619F	06-304/01:21:24	2ECp
1264	304 12:37:54	32			CC7PC	(312) DUMMY PWR CMD	AACS		03059:03:621F	06-304/01:21:24	2ECa
1265	304 12:45:05	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1266	304 12:45:05	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
1267	304 12:46:18	32			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		03059:14:220F	06-304/01:29:48	2ECa
1268	304 12:49:18	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		03059:18:026F	06-304/01:32:49	2ECf
1269	304 12:50:05	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	03059:19:001F	06-304/01:33:35	2ESf
1270	304 12:50:05	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		03059:19:002F	06-304/01:33:35	2ECs
1271	304 13:05:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-0693 (D/L ONLY)					2DP
1272	304 13:05:00	32				CFG CODES					2DP
1273	304 13:10:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-0693					2DP
1274	304 14:30:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-0693					2DP
1275	304 15:29:39	32	40 SET			10.2 DEGREE SET DSC-40					2V
1276	304 22:44:57	32	40RISE			10.2 DEGREE RISE DSC-40					2V
1277	305 00:00:00	32				VGR-32 OWLT IS 11H 16M 34S					2L

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1278	305 02:52:23	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1279	305 02:52:23	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
1280	305 02:53:11	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1281	305 02:53:11	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
1282	305 02:56:35	32				BEGIN PWSREC			03076:57:001F	06-304/15:39:59	2T
1283	305 02:56:35	32				B- DRGS4B			03076:57:001F	06-304/15:39:59	2TB
1284	305 02:56:35	32			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACCS READOUT MODE : TELEMETRY	FDS		03076:57:010F	06-304/15:40:00	2ECf
1285	305 02:57:19	32				BEGIN RECORDING PWS DATA			03076:57:734F	06-304/15:40:43	2T
1286	305 02:57:19	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		03076:57:735F	06-304/15:40:43	2ECd
1287	305 02:57:19	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2636	DTR		03076:57:735F	06-304/15:40:43	2ESd
1288	305 02:57:23	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	03076:58:001F	06-304/15:40:47	2ESf

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1289	305 02:57:23	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		03076:58:002F	06-304/15:40:47	2ECs
1290	305 02:57:24	32				B- DRCRUS			03076:58:018F	06-304/15:40:48	2TB
1291	305 02:57:24	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		03076:58:025F	06-304/15:40:49	2ECF
1292	305 02:58:11	32		ACE	OPCH		FDS	CR-5T	03076:59:001F	06-304/15:41:35	2ESF
						FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11					
1293	305 02:58:11	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		03076:59:001F	06-304/15:41:35	2ECd
1294	305 02:58:11	32					DTR		03076:59:001F	06-304/15:41:35	2ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2927					
1295	305 02:58:11	32			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		03076:59:002F	06-304/15:41:35	2ECs
1296	305 02:58:12	32				END PWSREC			03076:59:018F	06-304/15:41:36	2T
1297	305 07:40:00	32	45 AOS	OPCH	ACE	AOS DSS-45 PASS-0694 (D/L ONLY)					2DP
1298	305 07:40:00	32				CFG CODES					2DP
1299	305 12:00:00	32				VGR-32 OWLT IS 11H 16M 40S					2L
1300	305 12:04:40	32		ACE	ALL						2T
						END S/C-32 COMMAND MORATORIUM					
1301	305 14:30:00	32	45 LOS	OPCH	ACE	LOS DSS-45 PASS-0694					2DP

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1302	305 15:25:43	32	40 SET			10.2 DEGREE SET DSC-40					2V
1303	305 22:41:05	32	40RISE			10.2 DEGREE RISE DSC-40					2V
1304	306 00:00:00	32				VGR-32 OWLT IS 11H 16M 45S					2L
1305	306 00:15:57	32			AC7SSB	(3 -009) SS BIAS CONTROL - PITCH	AACS		03103:36:003F	06-305/12:59:11	2ECa
1306	306 08:05:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-0695 (D/L ONLY)					2DP
1307	306 08:05:00	32				CFG CODES					2DP
1308	306 12:00:00	32				VGR-32 OWLT IS 11H 16M 51S					2L
1309	306 13:30:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-0695					2DP
1310	306 13:45:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-0695 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
1311	306 13:56:40	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1312	306 13:59:04	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1313	306 14:00:04	32				B- MISCMD			03120:46:001F	06-306/02:43:11	2TB
1314	306 14:00:04	32				MISCMD - DELINK APPW PCH			03120:46:001F	06-306/02:43:11	2T
1315	306 14:00:04	32				B- MISCMD			03120:46:001F	06-306/02:43:11	2TB
1316	306 14:00:04	32				MISCMD - DELINK APPW PCH			03120:46:001F	06-306/02:43:11	2T
1317	306 14:00:04	32				B- MISCMD			03120:46:001F	06-306/02:43:11	2TB
1318	306 14:00:04	32				MISCMD - RT C PCH SSPOS TO E-192			03120:46:001F	06-306/02:43:11	2T
1319	306 14:00:04	32				B- MISCMD			03120:46:001F	06-306/02:43:11	2TB
1320	306 14:00:04	32				MISCMD - RT C YAW SSPOS TO E-193			03120:46:001F	06-306/02:43:11	2T
1321	306 14:00:04	32				B- MISCMD			03120:46:001F	06-306/02:43:11	2TB
1322	306 14:00:04	32				MISCMD - RD ANA CH23 SPG INTO E-			03120:46:001F	06-306/02:43:11	2T

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1323	306 14:00:04	32			AC7PAR	(2334 746222) PARAMETER LOAD	AACS		03120:46:003F	06-306/02:43:11	2ECa
1324	306 14:00:04	32			AC7PAR	(2336 132750) PARAMETER LOAD	AACS		03120:46:005F	06-306/02:43:12	2ECa
1325	306 14:00:04	32			AC7PAR	(7351 673410) PARAMETER LOAD	AACS		03120:46:007F	06-306/02:43:12	2ECa
1326	306 14:00:04	32			AC7PAR	(7352 673510) PARAMETER LOAD	AACS		03120:46:009F	06-306/02:43:12	2ECa
1327	306 14:00:04	32			AC7PAR	(7354 002302) PARAMETER LOAD	AACS		03120:46:011F	06-306/02:43:12	2ECa
1328	306 14:00:52	32				B- MISCMD			03120:47:001F	06-306/02:43:59	2TB
1329	306 14:00:52	32				MISCMD - AACS MRO			03120:47:001F	06-306/02:43:59	2T
1330	306 14:00:52	32			SC06BB	(53 0 07 1) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : MEMORY	FDS		03120:47:009F	06-306/02:44:00	2ECf
1331	306 14:01:40	32				B- MISCMD			03120:48:001F	06-306/02:44:47	2TB
1332	306 14:01:40	32				MISCMD - MRO OF APPW PATCH DELIN			03120:48:001F	06-306/02:44:47	2T
1333	306 14:01:40	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	03120:48:001F	06-306/02:44:47	2ESf
1334	306 14:01:40	32			AC7MLD	(2330) MISC LOGIC CNTL MEM DUMP	AACS		03120:48:003F	06-306/02:44:47	2ECa
1335	306 14:02:28	32				B- MISCMD			03120:49:001F	06-306/02:45:35	2TB
1336	306 14:02:28	32				MISCMD - MRO OF E-0192 E-0193 AN			03120:49:001F	06-306/02:45:35	2T
1337	306 14:02:28	32			AC7MLD	(7350) MISC LOGIC CNTL MEM DUMP	AACS		03120:49:003F	06-306/02:45:35	2ECa
1338	306 14:03:16	32				B- MISCMD			03120:50:001F	06-306/02:46:23	2TB
1339	306 14:03:16	32				MISCMD - AACS TLM			03120:50:001F	06-306/02:46:23	2T

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1340	306 14:03:16	32			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		03120:50:009F	06-306/02:46:24	2ECf
1341	306 14:04:04	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	03120:51:001F	06-306/02:47:11	2ESf
1342	306 15:21:47	32	40 SET			10.2 DEGREE SET DSC-40					2V
1343	306 15:40:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-0695					2DP
1344	306 22:37:13	32	40RISE			10.2 DEGREE RISE DSC-40					2V
1345	307 00:00:00	32				VGR-32 OWLT IS 11H 16M 56S					2L
1346	307 06:40:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-0696 (D/L ONLY)					2DP
1347	307 06:40:00	32				CFG CODES					2DP
1348	307 06:54:24	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN S-BD D/L CONFIG MOD INDEX=28 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
1349	307 06:59:24	32				B- MISCMD			03142:00:001F	06-306/19:42:23	2TB
1350	307 06:59:24	32				MISCMD - SB HR DATA CH SELECT			03142:00:001F	06-306/19:42:23	2T
1351	307 06:59:24	32			CC3A	(28311) S-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=28 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		03142:00:002F	06-306/19:42:23	2ECs
1352	307 07:59:24	32				B- MEMUPD			03143:15:001F	06-306/20:42:23	2TB
1353	307 07:59:24	32				MEMUPD - TEMPORARILY DISA ALL BL			03143:15:001F	06-306/20:42:23	2T
1354	307 08:55:13	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1355	307 08:55:13	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=39 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
1356	307 08:59:25	32				B- FULMRO			03144:30:001F	06-306/21:42:23	2TB
1357	307 08:59:25	32				BEGIN FULMRO			03144:30:001F	06-306/21:42:23	2T
1358	307 08:59:25	32			SC06BB	(16 0 14 0) FDS MODE TO: EH-12 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : MOD CRUISE AACS READOUT MODE : TELEMETRY	FDS		03144:30:009F	06-306/21:42:24	2ECF
1359	307 09:00:13	32		ACE OPCH		FDS STATUS EH-12/X1.2K/S(N/A) MEM:PB/FDS11 SA/FDS11	FDS	MC-12	03144:31:001F	06-306/21:43:11	2ESF
1360	307 09:00:13	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		03144:31:001F	06-306/21:43:11	2ECs
1361	307 09:09:37	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1362	307 09:13:49	32			SC06BB	(16 0 14 1) FDS MODE TO: EH-12 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : MOD CRUISE AACS READOUT MODE : MEMORY	FDS		03144:48:009F	06-306/21:56:48	2ECF
1363	307 09:14:36	32				START AACS MEM R/O			03144:48:784F	06-306/21:57:34	2T
1364	307 09:14:37	32		ACE OPCH		FDS STATUS EH-12/X1.2K/S(N/A) MEM:PB/FDS11 SA/FDS11	FDS	AA-12	03144:49:001F	06-306/21:57:35	2ESF
1365	307 09:14:37	32			AC7MLD	(0000) MISC LOGIC CNTL MEM DUMP	AACS		03144:49:003F	06-306/21:57:35	2ECa

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1394	308 00:00:00	32				VGR-32 OWLT IS 11H 17M 07S					2L
1395	308 08:15:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-0697 (D/L ONLY)					2DP
1396	308 08:15:00	32				CFG CODES					2DP
1397	308 12:00:00	32				VGR-32 OWLT IS 11H 17M 13S					2L
1398	308 15:13:54	32	40 SET			10.2 DEGREE SET DSC-40					2V
1399	308 15:25:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-0697					2DP
1400	308 22:29:29	32	40RISE			10.2 DEGREE RISE DSC-40					2V
1401	309 00:00:00	32				VGR-32 OWLT IS 11H 17M 18S					2L
1402	309 08:15:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-0698 (D/L ONLY)					2DP
1403	309 08:15:00	32				CFG CODES					2DP
1404	309 12:00:00	32				VGR-32 OWLT IS 11H 17M 24S					2L
1405	309 12:50:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-0698					2DP
1406	309 15:09:58	32	40 SET			10.2 DEGREE SET DSC-40					2V
1407	309 22:25:37	32	40RISE			10.2 DEGREE RISE DSC-40					2V
1408	310 00:00:00	32				VGR-32 OWLT IS 11H 17M 29S					2L
1409	310 08:15:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-0699 (D/L ONLY)					2DP
1410	310 08:15:00	32				CFG CODES					2DP
1411	310 09:50:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-0699 (D/L ONLY)					2DP
1412	310 09:50:00	32				CFG CODES					2DP
1413	310 10:10:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-0699					2DP
1414	310 11:17:36	32				B134 UPLINK WINDOW OPEN			03237:22:018F	06-310/00:00:00	2T

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1445	312 02:35:28	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	03286:29:001F	06-311/15:17:35	2ESf
1446	312 02:35:28	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		03286:29:001F	06-311/15:17:35	2ECd
1447	312 02:35:28	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3225	DTR		03286:29:001F	06-311/15:17:35	2ESd
1448	312 02:35:28	32			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		03286:29:002F	06-311/15:17:35	2ECs
1449	312 02:35:29	32				END PWSREC			03286:29:018F	06-311/15:17:36	2T
1450	312 08:15:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-0701 (D/L ONLY)					2DP
1451	312 08:15:00	32				CFG CODES					2DP
1452	312 09:25:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-0701 (D/L ONLY)					2DP
1453	312 09:25:00	32				CFG CODES					2DP
1454	312 09:45:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-0701					2DP
1455	312 12:00:00	32				VGR-32 OWLT IS 11H 17M 57S					2L
1456	312 13:10:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-0701					2DP
1457	312 14:58:10	32	40 SET			10.2 DEGREE SET DSC-40					2V
1458	312 22:14:02	32	40RISE			10.2 DEGREE RISE DSC-40					2V
1459	313 00:00:00	32				VGR-32 OWLT IS 11H 18M 02S					2L
1460	313 08:15:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-0702 (D/L ONLY)					2DP

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1461	313 08:15:00	32				CFG CODES					2DP
1462	313 12:00:00	32				VGR-32 OWLT IS 11H 18M 07S					2L
1463	313 13:05:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-0702					2DP
1464	313 14:54:14	32	40 SET			10.2 DEGREE SET DSC-40					2V
1465	313 22:10:11	32	40RISE			10.2 DEGREE RISE DSC-40					2V
1466	314 00:00:00	32				VGR-32 OWLT IS 11H 18M 13S					2L
1467	314 07:10:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-0703 (D/L ONLY)					2DP
1468	314 07:10:00	32				CFG CODES					2DP
1469	314 12:00:00	32				VGR-32 OWLT IS 11H 18M 18S					2L
1470	314 13:00:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-0703					2DP
1471	314 14:50:19	32	40 SET			10.2 DEGREE SET DSC-40					2V
1472	314 22:06:19	32	40RISE			10.2 DEGREE RISE DSC-40					2V
1473	315 00:00:00	32				VGR-32 OWLT IS 11H 18M 23S					2L
1474	315 08:15:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-0704 (D/L ONLY)					2DP
1475	315 08:15:00	32				CFG CODES					2DP
1476	315 12:00:00	32				VGR-32 OWLT IS 11H 18M 29S					2L
1477	315 12:16:05	32			AC7SSB	(3 -007) SS BIAS CONTROL - PITCH	AACS		03388:34:003F	06-315/00:57:35	2ECa
1478	315 12:35:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-0704 (D/L ONLY)					2DP
1479	315 12:35:00	32				CFG CODES					2DP
1480	315 12:55:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-0704					2DP
1481	315 14:46:23	32	40 SET			10.2 DEGREE SET DSC-40					2V

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1482	315 15:30:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-0704					2DP
1483	315 22:02:28	32	40RISE			10.2 DEGREE RISE DSC-40					2V
1484	316 00:00:00	32				VGR-32 OWLT IS 11H 18M 34S					2L
1485	316 07:10:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-0705 (D/L ONLY)					2DP
1486	316 07:10:00	32				CFG CODES					2DP
1487	316 12:00:00	32				VGR-32 OWLT IS 11H 18M 39S					2L
1488	316 12:50:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-0705					2DP
1489	316 14:42:28	32	40 SET			10.2 DEGREE SET DSC-40					2V
1490	316 21:58:36	32	40RISE			10.2 DEGREE RISE DSC-40					2V
1491	317 00:00:00	32				VGR-32 OWLT IS 11H 18M 45S					2L
1492	317 08:10:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-0706 (D/L ONLY)					2DP
1493	317 08:10:00	32				CFG CODES					2DP
1494	317 09:15:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-0706 (D/L ONLY)					2DP
1495	317 09:15:00	32				CFG CODES					2DP
1496	317 09:35:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-0706					2DP
1497	317 11:03:49	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESF
1498	317 11:08:49	32					DTR		03447:09:405F	06-316/23:50:00	2ESd
							DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3232				

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1528	319 02:11:55	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		03495:58:025F	06-318/14:52:49	2ECf
1529	319 02:12:42	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	03495:59:001F	06-318/14:53:35	2ESf
1530	319 02:12:42	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		03495:59:001F	06-318/14:53:35	2ECd
1531	319 02:12:42	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3523	DTR		03495:59:001F	06-318/14:53:35	2ESd
1532	319 02:12:42	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		03495:59:002F	06-318/14:53:35	2ECs
1533	319 02:12:43	32				END PWSREC			03495:59:018F	06-318/14:53:36	2T
1534	319 02:23:06	32				B- DTRMA-1.32			03496:12:001F	06-318/15:03:59	2TB
1535	319 02:23:06	32				BEGIN DTRMA132			03496:12:001F	06-318/15:03:59	2T
1536	319 02:23:06	32			CC16C	(2217) DTR STATE SELECT: SLEW	DTR		03496:12:002F	06-318/15:03:59	2ECd
1537	319 02:23:06	32				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:7 TIC:3530	DTR		03496:12:002F	06-318/15:03:59	2ESd
1538	319 02:27:51	32			EOT	END OF TAPE			03496:17:759F	06-318/15:08:45	2Ed
1539	319 03:00:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-0708 (D/L ONLY)					2DP
1540	319 03:00:00	32				CFG CODES					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
1541	319 03:37:19	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1542	319 03:37:19	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
1543	319 03:37:31	32				BEGIN PMPCALLR			03497:45:001F	06-318/16:18:23	2T
1544	319 03:41:31	32				B- DRCR5T			03497:50:001F	06-318/16:22:23	2TB
1545	319 03:41:31	32			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		03497:50:009F	06-318/16:22:24	2ECf
1546	319 03:42:19	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	03497:51:001F	06-318/16:23:11	2ESf
1547	319 03:42:19	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		03497:51:001F	06-318/16:23:11	2ECs
1548	319 03:48:43	32			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		03497:59:009F	06-318/16:29:36	2ECf
1549	319 03:49:31	32				BEGIN PLS/MAG/PESCAL			03498:00:001F	06-318/16:30:23	2T
1550	319 05:07:08	32			CC16C	(2228) DTR STATE SELECT: SLEW	DTR		03499:37:001F	06-318/17:47:59	2ECd
1551	319 05:07:08	32				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:8 TIC:3633	DTR		03499:37:001F	06-318/17:47:59	2ESd
1552	319 05:07:08	32			EOT	END OF TAPE			03499:37:010F	06-318/17:48:00	2Ed

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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
1553	319 05:31:56	32				END PLSCAL			03500:08:001F	06-318/18:12:47	2T
1554	319 06:51:56	32				END MAGCAL			03501:48:001F	06-318/19:32:47	2T
1555	319 07:05:20	32		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1556	319 07:05:20	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
1557	319 07:09:32	32				END PESCAL			03502:10:001F	06-318/19:50:23	2T
1558	319 07:09:32	32				B- DRCRUS			03502:10:001F	06-318/19:50:23	2TB
1559	319 07:09:32	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		03502:10:009F	06-318/19:50:24	2ECf
1560	319 07:10:20	32		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	03502:11:001F	06-318/19:51:11	2ESf
1561	319 07:10:20	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		03502:11:002F	06-318/19:51:11	2ECs
1562	319 07:10:21	32				END PMPCALLR			03502:11:018F	06-318/19:51:12	2T
1563	319 07:46:06	32			BOT	BEGIN OF TAPE			03502:55:562F	06-318/20:26:57	2Ed
1564	319 07:49:23	32				TAPE AT BOT			03502:59:634F	06-318/20:30:13	2T
1565	319 07:49:23	32				END DTRMA132			03502:59:634F	06-318/20:30:13	2T
1566	319 07:51:09	32				TAPPOS-3540			03503:02:001F	06-318/20:31:59	2T
1567	319 07:51:09	32			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		03503:02:002F	06-318/20:31:59	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
1568	319 07:51:09	32				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0199	DTR		03503:02:002F	06-318/20:31:59	2ESd
1569	319 07:51:09	32			BOT	BEGIN OF TAPE			03503:02:010F	06-318/20:32:00	2Ed
1570	319 09:45:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-0708					2DP
1571	319 10:25:48	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		03506:15:239F	06-318/23:06:38	2ECd
1572	319 10:25:48	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3540	DTR		03506:15:239F	06-318/23:06:38	2ESd
1573	319 10:39:10	32				REV/TRK 2			03506:32:001F	06-318/23:19:59	2T
1574	319 10:39:10	32			CC16C	(7022) DTR STATE SELECT: READY	DTR		03506:32:002F	06-318/23:19:59	2ECd
1575	319 10:39:10	32				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:3540	DTR		03506:32:002F	06-318/23:19:59	2ESd
1576	319 12:00:00	32				VGR-32 OWLT IS 11H 19M 11S					2L
1577	319 14:30:42	32	40 SET			10.2 DEGREE SET DSC-40					2V
1578	319 21:47:03	32	40RISE			10.2 DEGREE RISE DSC-40					2V
1579	320 00:00:00	32				VGR-32 OWLT IS 11H 19M 16S					2L
1580	320 06:16:06	32			AC7SSB	(3 -006) SS BIAS CONTROL - PITCH	AACS		03531:03:003F	06-319/18:56:47	2ECa
1581	320 08:00:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-0709 (D/L ONLY)					2DP
1582	320 08:00:00	32				CFG CODES					2DP
1583	320 12:00:00	32				VGR-32 OWLT IS 11H 19M 21S					2L
1584	320 14:26:46	32	40 SET			10.2 DEGREE SET DSC-40					2V

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1585	320 15:10:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-0709					2DP
1586	320 21:43:12	32	40RISE			10.2 DEGREE RISE DSC-40					2V
1587	321 00:00:00	32				VGR-32 OWLT IS 11H 19M 26S					2L
1588	321 08:10:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-0710 (D/L ONLY)					2DP
1589	321 08:10:00	32				CFG CODES					2DP
1590	321 12:00:00	32				VGR-32 OWLT IS 11H 19M 31S					2L
1591	321 12:30:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-0710					2DP
1592	321 14:22:51	32	40 SET			10.2 DEGREE SET DSC-40					2V
1593	321 21:39:20	32	40RISE			10.2 DEGREE RISE DSC-40					2V
1594	322 00:00:00	32				VGR-32 OWLT IS 11H 19M 36S					2L
1595	322 08:10:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-0711 (D/L ONLY)					2DP
1596	322 08:10:00	32				CFG CODES					2DP
1597	322 12:00:00	32				VGR-32 OWLT IS 11H 19M 41S					2L
1598	322 12:30:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-0711					2DP
1599	322 14:18:56	32	40 SET			10.2 DEGREE SET DSC-40					2V
1600	322 21:35:29	32	40RISE			10.2 DEGREE RISE DSC-40					2V
1601	323 00:00:00	32				VGR-32 OWLT IS 11H 19M 46S					2L
1602	323 01:24:35	32			AC7SSB	(4 +184) SS BIAS CONTROL --- YAW	AACS		03614:58:003F	06-322/14:04:47	2ECa
1603	323 07:05:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-0712 (D/L ONLY)					2DP
1604	323 07:05:00	32				CFG CODES					2DP
1605	323 12:00:00	32				VGR-32 OWLT IS 11H 19M 51S					2L
1606	323 12:25:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-0712					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
1607	323 14:15:01	32	40 SET			10.2 DEGREE SET DSC-40					2V
1608	323 21:31:38	32	40RISE			10.2 DEGREE RISE DSC-40					2V
1609	324 00:00:00	32				VGR-32 OWLT IS 11H 19M 56S					2L
1610	324 07:35:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-0713 (D/L ONLY)					2DP
1611	324 07:35:00	32				CFG CODES					2DP
1612	324 12:00:00	32				VGR-32 OWLT IS 11H 20M 01S					2L
1613	324 12:20:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-0713					2DP
1614	324 14:11:06	32	40 SET			10.2 DEGREE SET DSC-40					2V
1615	324 20:32:06	32				B134 UPLINK			03668:52:018F	06-324/09:12:00	2T
1616	324 21:02:28	32				FINAL SPACECRAFT STATUS			03669:29:788F	06-324/09:42:23	2TI
1617	324 21:02:28	32				RADIO STATUS			03669:29:788F	06-324/09:42:23	2TI
1618	324 21:02:28	32			DC2AR	S-BAND RANGING OFF			03669:29:788F	06-324/09:42:23	2TI
1619	324 21:02:28	32			DC2DR	S-BAND LO PWR			03669:29:788F	06-324/09:42:23	2TI
1620	324 21:02:28	32			DC2HR	X-BAND LO PWR			03669:29:788F	06-324/09:42:23	2TI
1621	324 21:02:28	32			DC2N	X-BAND RANGING ON			03669:29:788F	06-324/09:42:23	2TI
1622	324 21:02:28	32			DC2P	2 WAY NON-COHERENT ON			03669:29:788F	06-324/09:42:23	2TI
1623	324 21:02:28	32			DC2Q	USO ON			03669:29:788F	06-324/09:42:23	2TI
1624	324 21:02:28	32			CC2BRP	S-BAND EXC-2 SEL			03669:29:788F	06-324/09:42:23	2TI
1625	324 21:02:28	32			CC2CP	S-BAND TRANS-1 SEL			03669:29:788F	06-324/09:42:23	2TI
1626	324 21:02:28	32			CC2FRP	RCVR-2 SEL			03669:29:788F	06-324/09:42:23	2TI
1627	324 21:02:28	32			CC2JRP	X-BAND EXC-2 SEL			03669:29:788F	06-324/09:42:23	2TI
1628	324 21:02:28	32			CC2GP	X-BAND ON			03669:29:788F	06-324/09:42:23	2TI
1629	324 21:02:28	32			CC2KRP	S-BAND OFF			03669:29:788F	06-324/09:42:23	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
1630	324 21:02:28	32			CC2LP	X-BAND TWTA-1 SEL			03669:29:788F	06-324/09:42:23	2TI
1631	324 21:02:28	32			CC2MP	S-BAND EXC ON			03669:29:788F	06-324/09:42:23	2TI
1632	324 21:02:28	32			DC2E	HGA SELECT			03669:29:788F	06-324/09:42:23	2TI
1633	324 21:02:28	32			CC1T	BAY 1 HTR ON			03669:29:788F	06-324/09:42:23	2TI
1634	324 21:02:28	32				MDS STATUS			03669:29:788F	06-324/09:42:23	2TI
1635	324 21:02:28	32			CC3BP	TMU ON			03669:29:788F	06-324/09:42:23	2TI
1636	324 21:02:28	32			CC3GP	TMU-A SEL			03669:29:788F	06-324/09:42:23	2TI
1637	324 21:02:28	32			CC3HRP	CDU-B SEL			03669:29:788F	06-324/09:42:23	2TI
1638	324 21:02:28	32			CC3A	32310 X-BAND			03669:29:788F	06-324/09:42:23	2TI
1639	324 21:02:28	32			CC3A	28311 S-BAND			03669:29:788F	06-324/09:42:23	2TI
1640	324 21:02:28	32				POWER STATUS			03669:29:788F	06-324/09:42:23	2TI
1641	324 21:02:28	32			CC4A	UNDERVOLTAGE TRIP RESET			03669:29:788F	06-324/09:42:23	2TI
1642	324 21:02:28	32			CC4K	RTG-1 DIODE BYPASS ON			03669:29:788F	06-324/09:42:23	2TI
1643	324 21:02:28	32			CC4L	RTG-2 DIODE BYPASS ON			03669:29:788F	06-324/09:42:23	2TI
1644	324 21:02:28	32			CC4M	RTG-3 DIODE BYPASS ON			03669:29:788F	06-324/09:42:23	2TI
1645	324 21:02:28	32				CCS STATUS			03669:29:788F	06-324/09:42:23	2TI
1646	324 21:02:28	32			DC5AR	CCS TOL DET ENABLE			03669:29:788F	06-324/09:42:23	2TI
1647	324 21:02:28	32				FDS STATUS			03669:29:788F	06-324/09:42:23	2TI
1648	324 21:02:28	32			CC6CP	FDS ON/ISS PWR ENABLE			03669:29:788F	06-324/09:42:23	2TI
1649	324 21:02:28	32			CC6AA	0 SVC-W1			03669:29:788F	06-324/09:42:23	2TI
1650	324 21:02:28	32			CC6AD	2210 SVC-W4			03669:29:788F	06-324/09:42:23	2TI
1651	324 21:02:28	32			CC6AE	30003 SVC-W5			03669:29:788F	06-324/09:42:23	2TI
1652	324 21:02:28	32			CC6AP	FDS PWR CONV A SEL			03669:29:788F	06-324/09:42:23	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
1653	324 21:02:28	32			CC6AB	01110 SVC-W2			03669:29:788F	06-324/09:42:23	2TI
1654	324 21:02:28	32			SC06BB	530070 FDS DATA MODE			03669:29:788F	06-324/09:42:23	2TI
1655	324 21:02:28	32				AACS STATUS			03669:29:788F	06-324/09:42:23	2TI
1656	324 21:02:28	32			AC7PCG	14 HYBIC 2 PWR ON			03669:29:788F	06-324/09:42:23	2TI
1657	324 21:02:28	32			CC7ML	05 CST ON			03669:29:788F	06-324/09:42:23	2TI
1658	324 21:02:28	32			AC7CTG	10 376 CST HI GATE			03669:29:788F	06-324/09:42:23	2TI
1659	324 21:02:28	32			AC7CTG	11 422 CST LO GATE			03669:29:788F	06-324/09:42:23	2TI
1660	324 21:02:28	32			AC7GYP	111 GYRO PATTERN			03669:29:788F	06-324/09:42:23	2TI
1661	324 21:02:28	32			AC7PCG	52 GYRO A OFF			03669:29:788F	06-324/09:42:23	2TI
1662	324 21:02:28	32			AC7PCG	62 GYRO B OFF			03669:29:788F	06-324/09:42:23	2TI
1663	324 21:02:28	32			AC7PCG	72 GYRO C OFF			03669:29:788F	06-324/09:42:23	2TI
1664	324 21:02:28	32			AC7DDB	000480 DEAD BAND CONTROL			03669:29:788F	06-324/09:42:23	2TI
1665	324 21:02:28	32			AC7PAR	7530 000000 GYRO OFF NORM			03669:29:788F	06-324/09:42:23	2TI
1666	324 21:02:28	32			AC7PAR	6740 000740 PITCH DEADBAND			03669:29:788F	06-324/09:42:23	2TI
1667	324 21:02:28	32			AC7PAR	6741 001700 YAW DEADBAND			03669:29:788F	06-324/09:42:23	2TI
1668	324 21:02:28	32			AC7PAR	6742 004540 ROLL DEADBAND			03669:29:788F	06-324/09:42:23	2TI
1669	324 21:02:28	32			DEADBAND	DEAD BAND STATE: 05 10 25			03669:29:788F	06-324/09:42:23	2TI
1670	324 21:02:28	32			CC7SS	1 AACS TO RAI			03669:29:788F	06-324/09:42:23	2TI
1671	324 21:02:28	32			CC7CT	03 CST CONE ANGLE 3			03669:29:788F	06-324/09:42:23	2TI
1672	324 21:02:28	32			CC7AHRP	SS HTR A OFF			03669:29:788F	06-324/09:42:23	2TI
1673	324 21:02:28	32			CC7BHP	SS HTR B ON			03669:29:788F	06-324/09:42:23	2TI
1674	324 21:02:28	32			CC7ML	01 FDS CHAN A			03669:29:788F	06-324/09:42:23	2TI
1675	324 21:02:28	32			CC7ML	09 TCAPU FAULT ENA			03669:29:788F	06-324/09:42:23	2TI

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1676	324 21:02:28	32			AC7PCG	61 AACS BAY 6 HTR A OFF			03669:29:788F	06-324/09:42:23	2TI
1677	324 21:02:28	32			AC7PCG	71 AACS BAY 6 HTR B OFF			03669:29:788F	06-324/09:42:23	2TI
1678	324 21:02:28	32			CC7MMRP	PROC/MEM 2 SELECT			03669:29:788F	06-324/09:42:23	2TI
1679	324 21:02:28	32			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			03669:29:788F	06-324/09:42:23	2TI
1680	324 21:02:28	32			AC7PCG	22 CST SUN SHUTTER OFF			03669:29:788F	06-324/09:42:23	2TI
1681	324 21:02:28	32			AC7PCG	10 ISO VALVE BRANCH 1 OFF			03669:29:788F	06-324/09:42:23	2TI
1682	324 21:02:28	32			AC7PCG	20 ISO VALVE BRANCH 2 OFF			03669:29:788F	06-324/09:42:23	2TI
1683	324 21:02:28	32			CC1PHRP	SCAN PLAT SUPL HTR OFF			03669:29:788F	06-324/09:42:23	2TI
1684	324 21:02:28	32			CC77MRP	MAM OFF			03669:29:788F	06-324/09:42:23	2TI
1685	324 21:02:28	32			DC77PR	NON-PRIME FCP/MEM OFF			03669:29:788F	06-324/09:42:23	2TI
1686	324 21:02:28	32			DC77XR	MAM COMMAND DISABLE			03669:29:788F	06-324/09:42:23	2TI
1687	324 21:02:28	32				PYRO STATUS			03669:29:788F	06-324/09:42:23	2TI
1688	324 21:02:28	32			CC8D	PSU INSTRUMENTATION ON			03669:29:788F	06-324/09:42:23	2TI
1689	324 21:02:28	32			DC8XR	PYRO DISABLE			03669:29:788F	06-324/09:42:23	2TI
1690	324 21:02:28	32				PROPULSION STATUS			03669:29:788F	06-324/09:42:23	2TI
1691	324 21:02:28	32			CC10CRP	TCM HTR OFF			03669:29:788F	06-324/09:42:23	2TI
1692	324 21:02:28	32			CC10DR	AP BR1 HTR OFF			03669:29:788F	06-324/09:42:23	2TI
1693	324 21:02:28	32			CC10E	AP BR2 HTR ON			03669:29:788F	06-324/09:42:23	2TI
1694	324 21:02:28	32			CC10TRP	TCM LINE HTRS OFF			03669:29:788F	06-324/09:42:23	2TI
1695	324 21:02:28	32				DSS STATUS			03669:29:788F	06-324/09:42:23	2TI
1696	324 21:02:28	32			CC16BR	DSS 10 W REPL HTR OFF			03669:29:788F	06-324/09:42:23	2TI
1697	324 21:02:28	32			CC16AP	DSS ON			03669:29:788F	06-324/09:42:23	2TI
1698	324 21:02:28	32			CC1DR	BAY 2 19 W HTR OFF			03669:29:788F	06-324/09:42:23	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
1699	324 21:02:28	32			CC16C	7222 DSS CONTROL			03669:29:788F	06-324/09:42:23	2TI
1700	324 21:02:28	32				SCIENCE PWR STATUS			03669:29:788F	06-324/09:42:23	2TI
1701	324 21:02:28	32			CC1CR	MAG COIL OFF			03669:29:788F	06-324/09:42:23	2TI
1702	324 21:02:28	32			CC21A	CRS ON			03669:29:788F	06-324/09:42:23	2TI
1703	324 21:02:28	32			CC21B	CRS REPL HTR ON			03669:29:788F	06-324/09:42:23	2TI
1704	324 21:02:28	32			CC21CR	CRS SUPP HTR OFF			03669:29:788F	06-324/09:42:23	2TI
1705	324 21:02:28	32			CC22A	PRA ON			03669:29:788F	06-324/09:42:23	2TI
1706	324 21:02:28	32			CC23A	PWS ON			03669:29:788F	06-324/09:42:23	2TI
1707	324 21:02:28	32			CC25A	LECP ON			03669:29:788F	06-324/09:42:23	2TI
1708	324 21:02:28	32			CC25B	LECP STEPPER MOTOR ON			03669:29:788F	06-324/09:42:23	2TI
1709	324 21:02:28	32			CC25CR	LECP REPL HTR OFF			03669:29:788F	06-324/09:42:23	2TI
1710	324 21:02:28	32			CC25D	LECP MAIN SUPP HTR ON			03669:29:788F	06-324/09:42:23	2TI
1711	324 21:02:28	32			CC25E	LECP LEPT SUPP HTR ON			03669:29:788F	06-324/09:42:23	2TI
1712	324 21:02:28	32			CC27BR	PPS SUPP HTR OFF			03669:29:788F	06-324/09:42:23	2TI
1713	324 21:02:28	32			CC32A	PLS ON			03669:29:788F	06-324/09:42:23	2TI
1714	324 21:02:28	32			CC32B	PLS SUPP HTR ON			03669:29:788F	06-324/09:42:23	2TI
1715	324 21:02:28	32			CC32CR	PLS REPL HTR OFF			03669:29:788F	06-324/09:42:23	2TI
1716	324 21:02:28	32			CC34AR	UVS OFF			03669:29:788F	06-324/09:42:23	2TI
1717	324 21:02:28	32			CC34BR	UVS REPL HTR OFF			03669:29:788F	06-324/09:42:23	2TI
1718	324 21:02:28	32			CC35AR	MAG OFF			03669:29:788F	06-324/09:42:23	2TI
1719	324 21:02:28	32			CC35B	MAG STANDBY ON			03669:29:788F	06-324/09:42:23	2TI
1720	324 21:02:28	32			CC35GR	MAG SENSOR HTR OFF			03669:29:788F	06-324/09:42:23	2TI
1721	324 21:02:28	32			CC36GR	ISS WA VID REPL HTR OFF			03669:29:788F	06-324/09:42:23	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
1722	324 21:02:28	32			CC36HR	ISS WA ELEC REPL HTR OFF			03669:29:788F	06-324/09:42:23	2TI
1723	324 21:02:28	32			CC36CRP	ISS NA OPTICS HTR OFF			03669:29:788F	06-324/09:42:23	2TI
1724	324 21:02:28	32			CC36FRP	ISS NA VID REPL HTR OFF			03669:29:788F	06-324/09:42:23	2TI
1725	324 21:02:28	32			CC36JRP	ISS NA ELEC REPL HTR OFF			03669:29:788F	06-324/09:42:23	2TI
1726	324 21:02:28	32			CC39DR	IRIS REPL HTR OFF			03669:29:788F	06-324/09:42:23	2TI
1727	324 21:02:28	32			CC39FR	IRIS STANDBY A SUPPLY OFF			03669:29:788F	06-324/09:42:23	2TI
1728	324 21:02:28	32			CC39BR	IRIS STANDBY B SUPPLY OFF			03669:29:788F	06-324/09:42:23	2TI
1729	324 21:02:28	32				SCIENCE INSTRUMENT STATUS			03669:29:788F	06-324/09:42:23	2TI
1730	324 21:02:28	32			SC21AF	01000 CRS CMD WORD			03669:29:788F	06-324/09:42:23	2TI
1731	324 21:02:28	32			SC21AF	02000 CRS CMD WORD			03669:29:788F	06-324/09:42:23	2TI
1732	324 21:02:28	32			SC21AF	03010 CRS CMD WORD			03669:29:788F	06-324/09:42:23	2TI
1733	324 21:02:28	32			SC21AF	04000 CRS CMD WORD			03669:29:788F	06-324/09:42:23	2TI
1734	324 21:02:28	32			SC21AF	05302 CRS CMD WORD			03669:29:788F	06-324/09:42:23	2TI
1735	324 21:02:28	32			SC21AF	06200 CRS CMD WORD			03669:29:788F	06-324/09:42:23	2TI
1736	324 21:02:28	32			SC21AF	07000 CRS CMD WORD			03669:29:788F	06-324/09:42:23	2TI
1737	324 21:02:28	32			SC21AF	08200 CRS CMD WORD			03669:29:788F	06-324/09:42:23	2TI
1738	324 21:02:28	32			SC21AF	10000 CRS CMD WORD			03669:29:788F	06-324/09:42:23	2TI
1739	324 21:02:28	32			SC21AF	11000 CRS CMD WORD			03669:29:788F	06-324/09:42:23	2TI
1740	324 21:02:28	32			SC21AF	12000 CRS CMD WORD			03669:29:788F	06-324/09:42:23	2TI
1741	324 21:02:28	32			SC21AF	13004 CRS CMD WORD			03669:29:788F	06-324/09:42:23	2TI
1742	324 21:02:28	32			SC21AG	CRS HV FLAG			03669:29:788F	06-324/09:42:23	2TI
1743	324 21:02:28	32			SC21AH	CRS CAL-ST FLAG			03669:29:788F	06-324/09:42:23	2TI
1744	324 21:02:28	32			SC22AF	1347 PRA CONFIGURATION CMD			03669:29:788F	06-324/09:42:23	2TI

FINAL SEQUENCE FOR JSX B133 (TOL/B133F - EVTSDR/B133BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1745	324 21:02:28	32			SC22NU	0000 PRA MODE SELECT			03669:29:788F	06-324/09:42:23	2TI
1746	324 21:02:28	32			SC23AD	5 PWS CMD WORD			03669:29:788F	06-324/09:42:23	2TI
1747	324 21:02:28	32			SC25AH	1677 LECP CMD WORD			03669:29:788F	06-324/09:42:23	2TI
1748	324 21:02:28	32			SC25AH	3017 LECP CMD WORD			03669:29:788F	06-324/09:42:23	2TI
1749	324 21:02:28	32			SC25AH	5600 LECP CMD WORD			03669:29:788F	06-324/09:42:23	2TI
1750	324 21:02:28	32			SC25AH	6032 LECP CMD WORD			03669:29:788F	06-324/09:42:23	2TI
1751	324 21:02:28	32			SC25AJ	1 LECP MOTOR STEP CMD			03669:29:788F	06-324/09:42:23	2TI
1752	324 21:02:28	32			SC25AN	0 LECP NEAR/FAR ENC			03669:29:788F	06-324/09:42:23	2TI
1753	324 21:02:28	32			SC25AQ	5200 LECP SAFE CMD			03669:29:788F	06-324/09:42:23	2TI
1754	324 21:02:28	32			SC32AF	2 PLS E1 INT/AMP GAIN			03669:29:788F	06-324/09:42:23	2TI
1755	324 21:02:28	32			SC32AG	2 PLS E2 INT/AMP GAIN			03669:29:788F	06-324/09:42:23	2TI
1756	324 21:02:28	32			SC32AH	2 PLS M INT/AMP GAIN			03669:29:788F	06-324/09:42:23	2TI
1757	324 21:02:28	32			SC32AJ	15 PLS CONFIG CMD			03669:29:788F	06-324/09:42:23	2TI
1758	324 21:02:28	32			SC32AK	2 PLS L INT/AMP GAIN			03669:29:788F	06-324/09:42:23	2TI
1759	324 21:02:28	32			SC32AL	216 PLS M START WORD 1			03669:29:788F	06-324/09:42:23	2TI
1760	324 21:02:28	32			SC32AM	116 PLS M START WORD 2			03669:29:788F	06-324/09:42:23	2TI
1761	324 21:02:28	32			SC32AN	2 PLS M MODE			03669:29:788F	06-324/09:42:23	2TI
1762	324 21:02:28	32			SC32AP	3 PLS E1 SHRT			03669:29:788F	06-324/09:42:23	2TI
1763	324 21:02:28	32			SC32AQ	3 PLS E2 SHRT			03669:29:788F	06-324/09:42:23	2TI
1764	324 21:02:28	32			SC32AR	3 PLS L SHORT			03669:29:788F	06-324/09:42:23	2TI
1765	324 21:02:28	32			SC32AS	2 PLS E1 LONG			03669:29:788F	06-324/09:42:23	2TI
1766	324 21:02:28	32			SC32AT	2 PLS E2 LONG			03669:29:788F	06-324/09:42:23	2TI
1767	324 21:02:28	32			SC32AU	2 PLS L LONG			03669:29:788F	06-324/09:42:23	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
1768	324 21:02:28	32			SC34AE	13 UVS MODE/HV LEVEL			03669:29:788F	06-324/09:42:23	2TI
1769	324 21:02:28	32			SC34AF	0 UVS READ OUT FLAG			03669:29:788F	06-324/09:42:23	2TI
1770	324 21:02:28	32			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			03669:29:788F	06-324/09:42:23	2TI
1771	324 21:02:28	32			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			03669:29:788F	06-324/09:42:23	2TI