



FINAL FLIGHT SOE

S/C 31

SEQUENCE ID A067AA DATE OF RELEASE March 26, 2008

EXECUTION PERIOD 04/14/2008 to 05/05/2008 (08-105 to 08-126)

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FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT 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	105 23:46:16	31				INITIAL SPACECRAFT STATUS			25143:44:785F	08-105/09:09:23	1TI
2	105 23:46:16	31				RADIO STATUS			25143:44:785F	08-105/09:09:23	1TI
3	105 23:46:16	31			DC2AR	S-BAND RANGING OFF			25143:44:785F	08-105/09:09:23	1TI
4	105 23:46:16	31			DC2DR	S-BAND LO PWR			25143:44:785F	08-105/09:09:23	1TI
5	105 23:46:16	31			DC2HR	X-BAND LO PWR			25143:44:785F	08-105/09:09:23	1TI
6	105 23:46:16	31			DC2N	X-BAND RANGING ON			25143:44:785F	08-105/09:09:23	1TI
7	105 23:46:16	31			DC2P	2 WAY NON-COHERENT ON			25143:44:785F	08-105/09:09:23	1TI
8	105 23:46:16	31			DC2QR	USO OFF			25143:44:785F	08-105/09:09:23	1TI
9	105 23:46:16	31			CC2BRP	S-BAND EXC-2 SEL			25143:44:785F	08-105/09:09:23	1TI
10	105 23:46:16	31			CC2CRP	S-BAND TRANS-2 SEL			25143:44:785F	08-105/09:09:23	1TI
11	105 23:46:16	31			CC2FP	RCVR-1 SEL			25143:44:785F	08-105/09:09:23	1TI
12	105 23:46:16	31			CC2JP	X-BAND EXC-1 SEL			25143:44:785F	08-105/09:09:23	1TI
13	105 23:46:16	31			CC2GP	X-BAND ON			25143:44:785F	08-105/09:09:23	1TI
14	105 23:46:16	31			CC2KRP	S-BAND OFF			25143:44:785F	08-105/09:09:23	1TI
15	105 23:46:16	31			CC2LP	X-BAND TWTA-1 SEL			25143:44:785F	08-105/09:09:23	1TI
16	105 23:46:16	31			CC2MP	S-BAND EXC ON			25143:44:785F	08-105/09:09:23	1TI
17	105 23:46:16	31			DC2E	HGA SELECT			25143:44:785F	08-105/09:09:23	1TI
18	105 23:46:16	31			CC1T	BAY 1 HTR ON			25143:44:785F	08-105/09:09:23	1TI
19	105 23:46:16	31				MDS STATUS			25143:44:785F	08-105/09:09:23	1TI
20	105 23:46:16	31			CC3BP	TMU ON			25143:44:785F	08-105/09:09:23	1TI
21	105 23:46:16	31			CC3GP	TMU-A SEL			25143:44:785F	08-105/09:09:23	1TI
22	105 23:46:16	31			CC3HP	CDU-A SEL			25143:44:785F	08-105/09:09:23	1TI
23	105 23:46:16	31			CC3A	32310 X-BAND			25143:44:785F	08-105/09:09:23	1TI

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT 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	105 23:46:16	31			CC3A	28301 S-BAND			25143:44:785F	08-105/09:09:23	1TI
25	105 23:46:16	31				POWER STATUS			25143:44:785F	08-105/09:09:23	1TI
26	105 23:46:16	31			CC4A	UNDERVOLTAGE TRIP RESET			25143:44:785F	08-105/09:09:23	1TI
27	105 23:46:16	31			CC4K	RTG-1 DIODE BYPASS ON			25143:44:785F	08-105/09:09:23	1TI
28	105 23:46:16	31			CC4L	RTG-2 DIODE BYPASS ON			25143:44:785F	08-105/09:09:23	1TI
29	105 23:46:16	31			CC4M	RTG-3 DIODE BYPASS ON			25143:44:785F	08-105/09:09:23	1TI
30	105 23:46:16	31				CCS STATUS			25143:44:785F	08-105/09:09:23	1TI
31	105 23:46:16	31			DC5AR	CCS TOL DET ENABLE			25143:44:785F	08-105/09:09:23	1TI
32	105 23:46:16	31				FDS STATUS			25143:44:785F	08-105/09:09:23	1TI
33	105 23:46:16	31			CC6CP	FDS ON/ISS PWR ENABLE			25143:44:785F	08-105/09:09:23	1TI
34	105 23:46:16	31			CC6AA	1 SVC-W1			25143:44:785F	08-105/09:09:23	1TI
35	105 23:46:16	31			CC6AD	3200 SVC-W4			25143:44:785F	08-105/09:09:23	1TI
36	105 23:46:16	31			CC6AE	30011 SVC-W5			25143:44:785F	08-105/09:09:23	1TI
37	105 23:46:16	31			CC6AP	FDS PWR CONV A SEL			25143:44:785F	08-105/09:09:23	1TI
38	105 23:46:16	31			CC6AB	01000 SVC-W2			25143:44:785F	08-105/09:09:23	1TI
39	105 23:46:16	31			SC06BB	530070 FDS DATA MODE			25143:44:785F	08-105/09:09:23	1TI
40	105 23:46:16	31				AACS STATUS			25143:44:785F	08-105/09:09:23	1TI
41	105 23:46:16	31			AC7PCG	14 HYBIC 2 PWR ON			25143:44:785F	08-105/09:09:23	1TI
42	105 23:46:16	31			CC7ML	05 CST ON			25143:44:785F	08-105/09:09:23	1TI
43	105 23:46:16	31			AC7CTG	10 394 CST HI GATE			25143:44:785F	08-105/09:09:23	1TI
44	105 23:46:16	31			AC7CTG	11 442 CST LO GATE			25143:44:785F	08-105/09:09:23	1TI
45	105 23:46:16	31			AC7GYP	111 GYRO PATTERN			25143:44:785F	08-105/09:09:23	1TI
46	105 23:46:16	31			AC7PCG	52 GYRO A OFF			25143:44:785F	08-105/09:09:23	1TI

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
47	105 23:46:16	31			AC7PCG	62 GYRO B OFF			25143:44:785F	08-105/09:09:23	1TI
48	105 23:46:16	31			AC7PCG	72 GYRO C OFF			25143:44:785F	08-105/09:09:23	1TI
49	105 23:46:16	31			AC7PAR	7530 000000 GYRO OFF NORM			25143:44:785F	08-105/09:09:23	1TI
50	105 23:46:16	31			AC7PAR	6740 000740 PITCH DEADBAND			25143:44:785F	08-105/09:09:23	1TI
51	105 23:46:16	31			AC7PAR	6741 001700 YAW DEADBAND			25143:44:785F	08-105/09:09:23	1TI
52	105 23:46:16	31			AC7PAR	6742 004540 ROLL DEADBAND			25143:44:785F	08-105/09:09:23	1TI
53	105 23:46:16	31			DEADBAND	DEAD BAND STATE: 05 10 05			25143:44:785F	08-105/09:09:23	1TI
54	105 23:46:16	31			CC7SS	1 AACS TO RAI			25143:44:785F	08-105/09:09:23	1TI
55	105 23:46:16	31			CC7CT	01 CST CONE ANGLE 1			25143:44:785F	08-105/09:09:23	1TI
56	105 23:46:16	31			AC7DDB	000480 DEAD BAND CONTROL			25143:44:785F	08-105/09:09:23	1TI
57	105 23:46:16	31			CC7AHRP	SS HTR A OFF			25143:44:785F	08-105/09:09:23	1TI
58	105 23:46:16	31			CC7BHP	SS HTR B ON			25143:44:785F	08-105/09:09:23	1TI
59	105 23:46:16	31			CC7ML	01 FDS CHAN A			25143:44:785F	08-105/09:09:23	1TI
60	105 23:46:16	31			CC7ML	09 TCAPU FAULT ENA			25143:44:785F	08-105/09:09:23	1TI
61	105 23:46:16	31			AC7PCG	61 AACS BAY 6 HTR A OFF			25143:44:785F	08-105/09:09:23	1TI
62	105 23:46:16	31			AC7PCG	71 AACS BAY 6 HTR B OFF			25143:44:785F	08-105/09:09:23	1TI
63	105 23:46:16	31			CC7MMRP	PROC/MEM 2 SELECT			25143:44:785F	08-105/09:09:23	1TI
64	105 23:46:16	31			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			25143:44:785F	08-105/09:09:23	1TI
65	105 23:46:16	31			AC7PCG	22 CST SUN SHUTTER OFF			25143:44:785F	08-105/09:09:23	1TI
66	105 23:46:16	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			25143:44:785F	08-105/09:09:23	1TI
67	105 23:46:16	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			25143:44:785F	08-105/09:09:23	1TI
68	105 23:46:16	31			CC1PHP	SCAN PLAT SUPL HTR ON			25143:44:785F	08-105/09:09:23	1TI
69	105 23:46:16	31			CC77MRP	MAM OFF			25143:44:785F	08-105/09:09:23	1TI

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70	105 23:46:16	31			DC77PR	NON-PRIME FCP/MEM OFF			25143:44:785F	08-105/09:09:23	1TI
71	105 23:46:16	31			DC77XR	MAM COMMAND DISABLE			25143:44:785F	08-105/09:09:23	1TI
72	105 23:46:16	31				PYRO STATUS			25143:44:785F	08-105/09:09:23	1TI
73	105 23:46:16	31			CC8D	PSU INSTRUMENTATION ON			25143:44:785F	08-105/09:09:23	1TI
74	105 23:46:16	31			DC8XR	PYRO DISABLE			25143:44:785F	08-105/09:09:23	1TI
75	105 23:46:16	31				PROPULSION STATUS			25143:44:785F	08-105/09:09:23	1TI
76	105 23:46:16	31			CC10CRP	TCM HTR OFF			25143:44:785F	08-105/09:09:23	1TI
77	105 23:46:16	31			CC10DR	AP BR1 HTR OFF			25143:44:785F	08-105/09:09:23	1TI
78	105 23:46:16	31			CC10ER	AP BR2 HTR OFF			25143:44:785F	08-105/09:09:23	1TI
79	105 23:46:16	31			CC10TRP	TCM LINE HTRS OFF			25143:44:785F	08-105/09:09:23	1TI
80	105 23:46:16	31				DSS STATUS			25143:44:785F	08-105/09:09:23	1TI
81	105 23:46:16	31			CC16BR	DSS 10 W REPL HTR OFF			25143:44:785F	08-105/09:09:23	1TI
82	105 23:46:16	31			CC16AP	DSS ON			25143:44:785F	08-105/09:09:23	1TI
83	105 23:46:16	31			CC1DR	BAY 2 19 W HTR OFF			25143:44:785F	08-105/09:09:23	1TI
84	105 23:46:16	31			CC16C	7213 DSS CONTROL			25143:44:785F	08-105/09:09:23	1TI
85	105 23:46:16	31				SCIENCE PWR STATUS			25143:44:785F	08-105/09:09:23	1TI
86	105 23:46:16	31			CC1CR	MAG COIL OFF			25143:44:785F	08-105/09:09:23	1TI
87	105 23:46:16	31			CC21A	CRS ON			25143:44:785F	08-105/09:09:23	1TI
88	105 23:46:16	31			CC21B	CRS REPL HTR ON			25143:44:785F	08-105/09:09:23	1TI
89	105 23:46:16	31			CC21CR	CRS SUPP HTR OFF			25143:44:785F	08-105/09:09:23	1TI
90	105 23:46:16	31			CC22A	PRA ON			25143:44:785F	08-105/09:09:23	1TI
91	105 23:46:16	31			CC23A	PWS ON			25143:44:785F	08-105/09:09:23	1TI
92	105 23:46:16	31			CC25A	LECP ON			25143:44:785F	08-105/09:09:23	1TI

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT 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	105 23:46:16	31			CC25B	LECP STEPPER MOTOR ON			25143:44:785F	08-105/09:09:23	1TI
94	105 23:46:16	31			CC25CR	LECP REPL HTR OFF			25143:44:785F	08-105/09:09:23	1TI
95	105 23:46:16	31			CC25D	LECP MAIN SUPP HTR ON			25143:44:785F	08-105/09:09:23	1TI
96	105 23:46:16	31			CC25E	LECP LEPT SUPP HTR ON			25143:44:785F	08-105/09:09:23	1TI
97	105 23:46:16	31			CC27BR	PPS SUPP HTR OFF			25143:44:785F	08-105/09:09:23	1TI
98	105 23:46:16	31			CC32A	PLS ON			25143:44:785F	08-105/09:09:23	1TI
99	105 23:46:16	31			CC32BR	PLS SUPP HTR OFF			25143:44:785F	08-105/09:09:23	1TI
100	105 23:46:16	31			CC32C	PLS REPL HTR ON			25143:44:785F	08-105/09:09:23	1TI
101	105 23:46:16	31			CC34A	UVS ON			25143:44:785F	08-105/09:09:23	1TI
102	105 23:46:16	31			CC34B	UVS REPL HTR ON			25143:44:785F	08-105/09:09:23	1TI
103	105 23:46:16	31			CC35AR	MAG OFF			25143:44:785F	08-105/09:09:23	1TI
104	105 23:46:16	31			CC35B	MAG STANDBY ON			25143:44:785F	08-105/09:09:23	1TI
105	105 23:46:16	31			CC35GR	MAG SENSOR HTR OFF			25143:44:785F	08-105/09:09:23	1TI
106	105 23:46:16	31			CC36GR	ISS WA VID REPL HTR OFF			25143:44:785F	08-105/09:09:23	1TI
107	105 23:46:16	31			CC36HR	ISS WA ELEC REPL HTR OFF			25143:44:785F	08-105/09:09:23	1TI
108	105 23:46:16	31			CC36CRP	ISS NA OPTICS HTR OFF			25143:44:785F	08-105/09:09:23	1TI
109	105 23:46:16	31			CC36FRP	ISS NA VID REPL HTR OFF			25143:44:785F	08-105/09:09:23	1TI
110	105 23:46:16	31			CC36JP	ISS NA ELEC REPL HTR ON			25143:44:785F	08-105/09:09:23	1TI
111	105 23:46:16	31			CC39D	IRIS REPL HTR ON			25143:44:785F	08-105/09:09:23	1TI
112	105 23:46:16	31			CC39FR	IRIS STANDBY A SUPPLY OFF			25143:44:785F	08-105/09:09:23	1TI
113	105 23:46:16	31			CC39BR	IRIS STANDBY B SUPPLY OFF			25143:44:785F	08-105/09:09:23	1TI
114	105 23:46:16	31				SCIENCE INSTRUMENT STATUS			25143:44:785F	08-105/09:09:23	1TI
115	105 23:46:16	31			SC21AF	01000 CRS CMD WORD			25143:44:785F	08-105/09:09:23	1TI

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
116	105 23:46:16	31			SC21AF	02000 CRS CMD WORD			25143:44:785F	08-105/09:09:23	1TI
117	105 23:46:16	31			SC21AF	03000 CRS CMD WORD			25143:44:785F	08-105/09:09:23	1TI
118	105 23:46:16	31			SC21AF	04000 CRS CMD WORD			25143:44:785F	08-105/09:09:23	1TI
119	105 23:46:16	31			SC21AF	05300 CRS CMD WORD			25143:44:785F	08-105/09:09:23	1TI
120	105 23:46:16	31			SC21AF	06000 CRS CMD WORD			25143:44:785F	08-105/09:09:23	1TI
121	105 23:46:16	31			SC21AF	07200 CRS CMD WORD			25143:44:785F	08-105/09:09:23	1TI
122	105 23:46:16	31			SC21AF	08200 CRS CMD WORD			25143:44:785F	08-105/09:09:23	1TI
123	105 23:46:16	31			SC21AF	10000 CRS CMD WORD			25143:44:785F	08-105/09:09:23	1TI
124	105 23:46:16	31			SC21AF	11000 CRS CMD WORD			25143:44:785F	08-105/09:09:23	1TI
125	105 23:46:16	31			SC21AF	12000 CRS CMD WORD			25143:44:785F	08-105/09:09:23	1TI
126	105 23:46:16	31			SC21AF	13012 CRS CMD WORD			25143:44:785F	08-105/09:09:23	1TI
127	105 23:46:16	31			SC21AG	CRS HV FLAG			25143:44:785F	08-105/09:09:23	1TI
128	105 23:46:16	31			SC21AH	CRS CAL-ST FLAG			25143:44:785F	08-105/09:09:23	1TI
129	105 23:46:16	31			SC22AF	1347 PRA CONFIGURATION CMD			25143:44:785F	08-105/09:09:23	1TI
130	105 23:46:16	31			SC22NU	0000 PRA MODE SELECT			25143:44:785F	08-105/09:09:23	1TI
131	105 23:46:16	31			SC23AD	5 PWS CMD WORD			25143:44:785F	08-105/09:09:23	1TI
132	105 23:46:16	31			SC25AH	1777 LECP CMD WORD			25143:44:785F	08-105/09:09:23	1TI
133	105 23:46:16	31			SC25AH	2417 LECP CMD WORD			25143:44:785F	08-105/09:09:23	1TI
134	105 23:46:16	31			SC25AH	5600 LECP CMD WORD			25143:44:785F	08-105/09:09:23	1TI
135	105 23:46:16	31			SC25AH	6032 LECP CMD WORD			25143:44:785F	08-105/09:09:23	1TI
136	105 23:46:16	31			SC25AJ	1 LECP MOTOR STEP CMD			25143:44:785F	08-105/09:09:23	1TI
137	105 23:46:16	31			SC25AN	0 LECP NEAR/FAR ENC			25143:44:785F	08-105/09:09:23	1TI
138	105 23:46:16	31			SC25AQ	5200 LECP SAFE CMD			25143:44:785F	08-105/09:09:23	1TI

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139	105 23:46:16	31			SC32AF	2 PLS E1 INT/AMP GAIN			25143:44:785F	08-105/09:09:23	1TI
140	105 23:46:16	31			SC32AG	2 PLS E2 INT/AMP GAIN			25143:44:785F	08-105/09:09:23	1TI
141	105 23:46:16	31			SC32AH	3 PLS M INT/AMP GAIN			25143:44:785F	08-105/09:09:23	1TI
142	105 23:46:16	31			SC32AJ	13 PLS CONFIG CMD			25143:44:785F	08-105/09:09:23	1TI
143	105 23:46:16	31			SC32AK	2 PLS L INT/AMP GAIN			25143:44:785F	08-105/09:09:23	1TI
144	105 23:46:16	31			SC32AL	216 PLS M START WORD 1			25143:44:785F	08-105/09:09:23	1TI
145	105 23:46:16	31			SC32AM	216 PLS M START WORD 2			25143:44:785F	08-105/09:09:23	1TI
146	105 23:46:16	31			SC32AN	2 PLS M MODE			25143:44:785F	08-105/09:09:23	1TI
147	105 23:46:16	31			SC32AP	3 PLS E1 SHRT			25143:44:785F	08-105/09:09:23	1TI
148	105 23:46:16	31			SC32AQ	3 PLS E2 SHRT			25143:44:785F	08-105/09:09:23	1TI
149	105 23:46:16	31			SC32AR	3 PLS L SHORT			25143:44:785F	08-105/09:09:23	1TI
150	105 23:46:16	31			SC32AS	2 PLS E1 LONG			25143:44:785F	08-105/09:09:23	1TI
151	105 23:46:16	31			SC32AT	2 PLS E2 LONG			25143:44:785F	08-105/09:09:23	1TI
152	105 23:46:16	31			SC32AU	2 PLS L LONG			25143:44:785F	08-105/09:09:23	1TI
153	105 23:46:16	31			SC34AE	13 UVS MODE/HV LEVEL			25143:44:785F	08-105/09:09:23	1TI
154	105 23:46:16	31			SC34AF	0 UVS READ OUT FLAG			25143:44:785F	08-105/09:09:23	1TI
155	105 23:46:16	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			25143:44:785F	08-105/09:09:23	1TI
156	105 23:46:16	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			25143:44:785F	08-105/09:09:23	1TI
157	105 23:46:17	31				BEGIN SEQUENCE A067 -- LOCK STAR			25143:45:001F	08-105/09:09:23	1T
158	106 00:00:00	31				VGR-31 OWLT IS 14H 36M 53S					1L
159	106 01:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-1210 (D/L ONLY)					1DP
160	106 01:30:00	31				CFG CODES					1DP
161	106 05:36:02	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
179	106 17:19:00	31				BEGIN RECORDING PWS DATA			25165:40:734F	08-106/02:42:07	1T
180	106 17:19:00	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		25165:40:735F	08-106/02:42:07	1ECd
181	106 17:19:00	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:1147	DTR		25165:40:735F	08-106/02:42:07	1ESd
182	106 17:19:04	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	25165:41:001F	08-106/02:42:11	1ESf
183	106 17:19:04	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		25165:41:002F	08-106/02:42:12	1ECs
184	106 17:19:05	31				B- DRCRUS			25165:41:018F	08-106/02:42:12	1TB
185	106 17:19:05	31			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		25165:41:026F	08-106/02:42:13	1ECf
186	106 17:19:52	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	25165:42:001F	08-106/02:42:59	1ESF
187	106 17:19:52	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25165:42:002F	08-106/02:43:00	1ECd
188	106 17:19:52	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1440	DTR		25165:42:002F	08-106/02:43:00	1ESd

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
189	106 17:19:52	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		25165:42:002F	08-106/02:43:00	1ECs
190	106 17:20:41	31				END PWSREC.31			25165:43:018F	08-106/02:43:48	1T
191	106 21:59:17	31	60RISE			10.2 DEGREE RISE DSC-60					1V
192	106 22:06:34	31	40 SET			10.2 DEGREE SET DSC-40					1V
193	107 00:00:00	31				VGR-31 OWLT IS 14H 36M 52S					1L
194	107 01:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-1211 (D/L ONLY)					1DP
195	107 01:10:00	31				CFG CODES					1DP
196	107 05:32:04	31	10RISE			10.2 DEGREE RISE DSC-10					1V
197	107 07:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-1211					1DP
198	107 08:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-1212 (D/L ONLY)					1DP
199	107 08:30:00	31				CFG CODES					1DP
200	107 09:07:10	31	60 SET			15.3 DEGREE SET DSC-60					1V
201	107 09:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-1212 (D/L ONLY)					1DP
202	107 09:30:00	31				CFG CODES					1DP
203	107 09:50:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-1212					1DP
204	107 12:00:00	31				VGR-31 OWLT IS 14H 36M 52S					1L
205	107 13:00:27	31	40RISE			10.2 DEGREE RISE DSC-40					1V
206	107 17:00:03	31	10 SET			10.2 DEGREE SET DSC-10					1V
207	107 17:20:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-1212					1DP
208	107 21:55:19	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
209	107 22:02:36	31	40 SET			10.2 DEGREE SET DSC-40					1V
210	108 00:00:00	31				VGR-31 OWLT IS 14H 36M 52S					1L
211	108 02:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-1212 (D/L ONLY)					1DP
212	108 02:00:00	31				CFG CODES					1DP
213	108 05:28:06	31	10RISE			10.2 DEGREE RISE DSC-10					1V
214	108 07:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-1212					1DP
215	108 09:03:11	31	60 SET			15.3 DEGREE SET DSC-60					1V
216	108 12:00:00	31				VGR-31 OWLT IS 14H 36M 52S					1L
217	108 12:56:31	31	40RISE			10.2 DEGREE RISE DSC-40					1V
218	108 16:56:06	31	10 SET			10.2 DEGREE SET DSC-10					1V
219	108 21:51:21	31	60RISE			10.2 DEGREE RISE DSC-60					1V
220	108 21:58:38	31	40 SET			10.2 DEGREE SET DSC-40					1V
221	108 22:59:04	31			AC7SSB	(4 +155) SS BIAS CONTROL --- YAW	AACS		25232:46:003F	08-108/08:22:12	1ECa
222	109 00:00:00	31				VGR-31 OWLT IS 14H 36M 52S					1L
223	109 01:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-1213 (D/L ONLY)					1DP
224	109 01:05:00	31				CFG CODES					1DP
225	109 05:24:08	31	10RISE			10.2 DEGREE RISE DSC-10					1V
226	109 07:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-1213					1DP
227	109 08:45:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-1214 (D/L ONLY)					1DP
228	109 08:45:00	31				CFG CODES					1DP
229	109 08:59:13	31	60 SET			15.3 DEGREE SET DSC-60					1V
230	109 12:00:00	31				VGR-31 OWLT IS 14H 36M 51S					1L

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
246	109 23:16:39	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		25263:08:002F	08-109/08:39:48	1ECd
247	109 23:16:39	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1457	DTR		25263:08:002F	08-109/08:39:48	1ESd
248	109 23:17:27	31				AHELII PWSREC 14			25263:09:001F	08-109/08:40:35	1T
249	109 23:17:27	31				B- PWSREC.31			25263:09:001F	08-109/08:40:35	1TB
250	109 23:17:27	31				BEGIN PWSREC.31			25263:09:001F	08-109/08:40:35	1T
251	109 23:18:15	31				B- DRGS4B			25263:10:001F	08-109/08:41:23	1TB
252	109 23:18:15	31			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		25263:10:009F	08-109/08:41:24	1ECf
253	109 23:18:59	31				BEGIN RECORDING PWS DATA			25263:10:734F	08-109/08:42:07	1T
254	109 23:18:59	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		25263:10:735F	08-109/08:42:07	1ECd
255	109 23:18:59	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:1457	DTR		25263:10:735F	08-109/08:42:07	1ESd
256	109 23:19:03	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	25263:11:001F	08-109/08:42:11	1ESf
257	109 23:19:03	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		25263:11:002F	08-109/08:42:12	1ECs
258	109 23:19:04	31				B- DRCRUS			25263:11:018F	08-109/08:42:12	1TB

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
259	109 23:19:04	31			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		25263:11:026F	08-109/08:42:13	1ECf
260	109 23:19:51	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	25263:12:001F	08-109/08:42:59	1ESf
261	109 23:19:51	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25263:12:002F	08-109/08:43:00	1ECd
262	109 23:19:51	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1749	DTR		25263:12:002F	08-109/08:43:00	1ESd
263	109 23:19:51	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		25263:12:002F	08-109/08:43:00	1ECs
264	109 23:20:40	31				END PWSREC.31			25263:13:018F	08-109/08:43:48	1T
265	110 00:00:00	31				VGR-31 OWLT IS 14H 36M 51S					1L
266	110 01:05:00	31	65 AOS	OPCH	ACE	AOS DSS-65 PASS-1214 (D/L ONLY)					1DP
267	110 01:05:00	31				CFG CODES					1DP
268	110 01:26:15	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		25265:50:002F	08-109/10:49:24	1ECd
269	110 01:26:15	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:1756	DTR		25265:50:002F	08-109/10:49:24	1ESd
270	110 01:40:34	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25266:07:717F	08-109/11:03:42	1ECd

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
271	110 01:40:34	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1446	DTR		25266:07:717F	08-109/11:03:42	1ESd
272	110 04:26:15	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		25269:35:002F	08-109/13:49:24	1ECd
273	110 04:26:15	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1446	DTR		25269:35:002F	08-109/13:49:24	1ESd
274	110 05:20:10	31	10RISE			10.2 DEGREE RISE DSC-10					1V
275	110 07:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-1214					1DP
276	110 08:25:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-1215 (D/L ONLY)					1DP
277	110 08:25:00	31				CFG CODES					1DP
278	110 08:55:14	31	60 SET			15.3 DEGREE SET DSC-60					1V
279	110 12:00:00	31				VGR-31 OWLT IS 14H 36M 51S					1L
280	110 12:48:39	31	40RISE			10.2 DEGREE RISE DSC-40					1V
281	110 14:25:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-1215					1DP
282	110 16:48:13	31	10 SET			10.2 DEGREE SET DSC-10					1V
283	110 21:43:25	31	60RISE			10.2 DEGREE RISE DSC-60					1V
284	110 21:50:42	31	40 SET			10.2 DEGREE SET DSC-40					1V
285	111 00:00:00	31				VGR-31 OWLT IS 14H 36M 51S					1L
286	111 01:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-1215 (D/L ONLY)					1DP
287	111 01:05:00	31				CFG CODES					1DP
288	111 05:16:12	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
289	111 07:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-1215					1DP
290	111 08:35:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-1216 (D/L ONLY)					1DP
291	111 08:35:00	31				CFG CODES					1DP
292	111 08:51:16	31	60 SET			15.3 DEGREE SET DSC-60					1V
293	111 12:00:00	31				VGR-31 OWLT IS 14H 36M 51S					1L
294	111 12:44:42	31	40RISE			10.2 DEGREE RISE DSC-40					1V
295	111 13:20:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-1216					1DP
296	111 16:44:17	31	10 SET			10.2 DEGREE SET DSC-10					1V
297	111 21:39:27	31	60RISE			10.2 DEGREE RISE DSC-60					1V
298	111 21:46:44	31	40 SET			10.2 DEGREE SET DSC-40					1V
299	112 00:00:00	31				VGR-31 OWLT IS 14H 36M 51S					1L
300	112 01:05:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-1216 (D/L ONLY)					1DP
301	112 01:05:00	31				CFG CODES					1DP
302	112 05:12:14	31	10RISE			10.2 DEGREE RISE DSC-10					1V
303	112 08:47:17	31	60 SET			15.3 DEGREE SET DSC-60					1V
304	112 09:15:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-1217 (D/L ONLY)					1DP
305	112 09:15:00	31				CFG CODES					1DP
306	112 09:35:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-1216					1DP
307	112 12:00:00	31				VGR-31 OWLT IS 14H 36M 51S					1L
308	112 12:10:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-1217					1DP
309	112 12:40:46	31	40RISE			10.2 DEGREE RISE DSC-40					1V
310	112 13:07:51	31			AC7SSB	(3 -007) SS BIAS CONTROL - PITCH	AACS		25340:27:003F	08-111/22:31:00	1ECa

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
311	112 14:36:52	31				A067B UPLINK WINDOW OPEN			25342:18:218F	08-112/00:00:00	1T
312	112 15:15:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-1217 (D/L ONLY)					1DP
313	112 15:15:00	31				CFG CODES					1DP
314	112 16:40:20	31	10 SET			10.2 DEGREE SET DSC-10					1V
315	112 16:55:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-1217					1DP
316	112 21:35:28	31	60RISE			10.2 DEGREE RISE DSC-60					1V
317	112 21:42:45	31	40 SET			10.2 DEGREE SET DSC-40					1V
318	113 00:00:00	31				VGR-31 OWLT IS 14H 36M 51S					1L
319	113 05:08:16	31	10RISE			10.2 DEGREE RISE DSC-10					1V
320	113 07:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-1218 (D/L ONLY)					1DP
321	113 07:30:00	31				CFG CODES					1DP
322	113 08:30:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-1218 (D/L ONLY)					1DP
323	113 08:30:00	31				CFG CODES					1DP
324	113 08:43:18	31	60 SET			15.3 DEGREE SET DSC-60					1V
325	113 08:50:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-1218					1DP
326	113 12:00:00	31				VGR-31 OWLT IS 14H 36M 51S					1L
327	113 12:36:50	31	40RISE			10.2 DEGREE RISE DSC-40					1V
328	113 13:15:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-1218					1DP
329	113 14:20:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-1218 (D/L ONLY)					1DP
330	113 14:20:00	31				CFG CODES					1DP
331	113 16:36:24	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
332	113 16:50:03	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
333	113 16:50:03	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
334	113 16:50:51	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
335	113 16:50:51	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
336	113 16:53:27	31				BEGIN PWSREC.31			25375:09:001F	08-113/02:16:35	1T
337	113 16:54:15	31				B- DRGS4B			25375:10:001F	08-113/02:17:23	1TB
338	113 16:54:15	31			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		25375:10:009F	08-113/02:17:24	1ECf
339	113 16:54:59	31				BEGIN RECORDING PWS DATA			25375:10:734F	08-113/02:18:07	1T
340	113 16:54:59	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		25375:10:735F	08-113/02:18:07	1ECd
341	113 16:54:59	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:1446	DTR		25375:10:735F	08-113/02:18:07	1ESd
342	113 16:55:03	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	25375:11:001F	08-113/02:18:11	1ESf

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
343	113 16:55:03	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		25375:11:002F	08-113/02:18:12	1ECs
344	113 16:55:04	31				B- DRCRUS			25375:11:018F	08-113/02:18:12	1TB
345	113 16:55:04	31			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		25375:11:026F	08-113/02:18:13	1ECF
346	113 16:55:51	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	25375:12:001F	08-113/02:18:59	1ESF
347	113 16:55:51	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25375:12:002F	08-113/02:19:00	1ECD
348	113 16:55:51	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1739	DTR		25375:12:002F	08-113/02:19:00	1ESd
349	113 16:55:51	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		25375:12:002F	08-113/02:19:00	1ECs
350	113 16:56:40	31				END PWSREC.31			25375:13:018F	08-113/02:19:48	1T
351	113 19:00:00	31	45 LOS	OPCH	ACE	LOS DSS-45 PASS-1218					1DP
352	113 21:31:30	31	60RISE			10.2 DEGREE RISE DSC-60					1V
353	113 21:38:47	31	40 SET			10.2 DEGREE SET DSC-40					1V
354	114 00:00:00	31				VGR-31 OWLT IS 14H 36M 51S					1L
355	114 00:45:00	31	65 AOS	OPCH	ACE	AOS DSS-65 PASS-1218 (D/L ONLY)					1DP
356	114 00:45:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
357	114 05:04:18	31	10RISE			10.2 DEGREE RISE DSC-10					1V
358	114 07:20:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-1219 (D/L ONLY)					1DP
359	114 07:20:00	31				CFG CODES					1DP
360	114 07:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-1218					1DP
361	114 07:43:52	31				TAPPOS-0210			25393:42:001F	08-113/17:06:59	1T
362	114 07:43:52	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		25393:42:002F	08-113/17:07:00	1ECd
363	114 07:43:52	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:1745	DTR		25393:42:002F	08-113/17:07:00	1ESd
364	114 08:34:04	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
365	114 08:34:04	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
366	114 08:34:16	31				BEGIN PMPCALLR			25394:45:001F	08-113/17:57:23	1T
367	114 08:38:16	31				B- DRRC5T			25394:50:001F	08-113/18:01:23	1TB
368	114 08:38:16	31			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		25394:50:009F	08-113/18:01:24	1ECf
369	114 08:39:04	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	25394:51:001F	08-113/18:02:11	1ESf

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
419	115 07:39:52	31				B- DRPBDB.31			25423:37:001F	08-114/17:02:59	1TB
420	115 07:39:52	31				BEGIN DDPB1431			25423:37:001F	08-114/17:02:59	1T
421	115 07:39:52	31			SC06BB	(12 0 07 0) FDS MODE TO: PB-14 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		25423:37:009F	08-114/17:03:00	1ECf
422	115 07:40:40	31				BEGIN PLAYBACK			25423:38:001F	08-114/17:03:47	1T
423	115 07:40:40	31		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PA/FDS11	FDS	PB-14	25423:38:001F	08-114/17:03:47	1ESf
424	115 07:40:40	31			CC3A	(39310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=39 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		25423:38:002F	08-114/17:03:48	1ECs
425	115 07:40:40	31			CC6AD	(3 2 0 2) SVC-W4 FDS MEM B WRT PROTECT	FDS		25423:38:003F	08-114/17:03:48	1ECf
426	115 07:40:40	31		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PA/FDS11	FDS	PB-14	25423:38:003F	08-114/17:03:48	1ESf
427	115 07:40:40	31			CC16C	(1210) DTR STATE SELECT:PLAYBACK	DTR		25423:38:005F	08-114/17:03:48	1ECd
428	115 07:40:40	31				DTR STATUS MODE:PLAY RATE:007.2K DIR:F TRK:1 TIC:0210	DTR		25423:38:005F	08-114/17:03:48	1ESd
429	115 07:40:41	31				END DDPB1431			25423:38:018F	08-114/17:03:48	1T
430	115 08:35:21	31	60 SET			15.4 DEGREE SET DSC-60					1V
431	115 10:16:55	31			EOT	END OF TAPE			25426:53:244F	08-114/19:40:02	1Ed

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
447	115 14:15:52	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1975	DTR		25431:52:003F	08-114/23:39:00	1ESd
448	115 14:15:52	31			CC6AD	(3 2 0 0) SVC-W4 FDS MEM B WRT PROTECT	FDS		25431:52:003F	08-114/23:39:00	1ECf
449	115 14:15:52	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	25431:52:003F	08-114/23:39:00	1ESf
450	115 14:15:53	31				END PLAYBACK			25431:52:018F	08-114/23:39:00	1T
451	115 14:30:16	31				B- YAWDB			25432:10:001F	08-114/23:53:23	1TB
452	115 14:30:16	31				YAWDB - .10			25432:10:001F	08-114/23:53:23	1T
453	115 14:30:16	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		25432:10:004F	08-114/23:53:24	1ECa
454	115 16:28:30	31	10 SET			10.2 DEGREE SET DSC-10					1V
455	115 21:23:34	31	60RISE			10.2 DEGREE RISE DSC-60					1V
456	115 21:30:51	31	40 SET			10.2 DEGREE SET DSC-40					1V
457	116 00:00:00	31				VGR-31 OWLT IS 14H 36M 52S					1L
458	116 00:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-1220 (D/L ONLY)					1DP
459	116 00:50:00	31				CFG CODES					1DP
460	116 04:56:22	31	10RISE			10.2 DEGREE RISE DSC-10					1V
461	116 06:03:52	31				TAPPOS-2045			25451:37:001F	08-115/15:26:59	1T
462	116 06:03:52	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		25451:37:001F	08-115/15:26:59	1ECd

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
463	116 06:03:52	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1976	DTR		25451:37:001F	08-115/15:26:59	1ESd
464	116 06:07:04	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25451:40:794F	08-115/15:30:11	1ECd
465	116 06:07:04	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2045	DTR		25451:40:794F	08-115/15:30:11	1ESd
466	116 06:25:28	31				B- GYONBC.31			25452:04:001F	08-115/15:48:35	1TB
467	116 06:25:28	31				BEGIN GYONBC31			25452:04:001F	08-115/15:48:35	1T
468	116 06:25:28	31			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		25452:04:003F	08-115/15:48:36	1ECa
469	116 06:25:28	31			CC7GARP	GYRO A OFF	PWR		25452:04:004F	08-115/15:48:36	1ECp
470	116 06:25:28	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		25452:04:004F	08-115/15:48:36	1ESa
471	116 06:25:28	31			CC7GARP	GYRO A OFF	PWR		25452:04:006F	08-115/15:48:36	1ECp
472	116 06:25:28	31			CC7PC	(352) GYRO A OFF	AACS		25452:04:008F	08-115/15:48:36	1ECa
473	116 06:25:28	31			CC7GCP	GYRO C ON	PWR		25452:04:009F	08-115/15:48:36	1ECp
474	116 06:25:28	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: ON	AACS		25452:04:009F	08-115/15:48:36	1ESa
475	116 06:25:29	31			CC7GCP	GYRO C ON	PWR		25452:04:011F	08-115/15:48:36	1ECp
476	116 06:25:29	31			CC7PC	(373) GYRO C ON	AACS		25452:04:013F	08-115/15:48:36	1ECa

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
477	116 06:25:29	31			CC7GBP	GYRO B ON	PWR		25452:04:014F	08-115/15:48:36	1ECp
478	116 06:25:29	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		25452:04:014F	08-115/15:48:36	1ESa
479	116 06:25:29	31			CC7GBP	GYRO B ON	PWR		25452:04:016F	08-115/15:48:36	1ECp
480	116 06:25:29	31			CC7PC	(363) GYRO B ON	AACS		25452:04:018F	08-115/15:48:36	1ECa
481	116 06:25:57	31				DRIRU INITIALIZATION			25452:04:484F	08-115/15:49:04	1T
482	116 06:25:58	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		25452:04:502F	08-115/15:49:05	1ECa
483	116 06:26:27	31				SET CALIB			25452:05:184F	08-115/15:49:34	1T
484	116 06:26:28	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		25452:05:204F	08-115/15:49:36	1ECa
485	116 06:35:27	31				START GYRO FAULT TEST			25452:16:384F	08-115/15:58:34	1T
486	116 06:35:28	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		25452:16:402F	08-115/15:58:35	1ECa
487	116 06:35:29	31				END GYONBC31			25452:16:418F	08-115/15:58:36	1T
488	116 06:55:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-1220 (D/L ONLY)					1DP
489	116 06:55:00	31				CFG CODES					1DP
490	116 07:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-1220					1DP
491	116 07:25:28	31				B- CCSTIMB			25453:19:001F	08-115/16:48:35	1TB
492	116 07:25:28	31				EXECUTE CCSTIMB FINE			25453:19:001F	08-115/16:48:35	1T
493	116 08:31:22	31	60 SET			15.4 DEGREE SET DSC-60					1V
494	116 08:51:52	31				FWD/TRK 3			25455:07:001F	08-115/18:14:59	1T
495	116 08:51:52	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		25455:07:002F	08-115/18:14:59	1ECd

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
496	116 08:51:52	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2045	DTR		25455:07:002F	08-115/18:14:59	1ESd
497	116 09:00:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-1221 (D/L ONLY)					1DP
498	116 09:00:00	31				CFG CODES					1DP
499	116 09:20:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-1220					1DP
500	116 12:00:00	31				VGR-31 OWLT IS 14H 36M 52S					1L
501	116 12:25:00	31	40RISE			10.2 DEGREE RISE DSC-40					1V
502	116 14:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-1221					1DP
503	116 15:25:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-1221 (D/L ONLY)					1DP
504	116 15:25:00	31				CFG CODES					1DP
505	116 16:24:34	31	10 SET			10.2 DEGREE SET DSC-10					1V
506	116 16:55:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-1221					1DP
507	116 19:52:40	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		25468:53:002F	08-116/05:15:48	1ECd
508	116 19:52:40	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2045	DTR		25468:53:002F	08-116/05:15:48	1ESd
509	116 20:06:00	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25469:09:543F	08-116/05:29:08	1ECd
510	116 20:06:00	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1756	DTR		25469:09:543F	08-116/05:29:08	1ESd
511	116 21:19:36	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
526	116 22:55:01	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:1756	DTR		25472:40:735F	08-116/08:18:07	1ESd
527	116 22:55:05	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	25472:41:001F	08-116/08:18:11	1ESf
528	116 22:55:05	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		25472:41:002F	08-116/08:18:12	1ECs
529	116 22:55:06	31				B- DRCRUS			25472:41:018F	08-116/08:18:12	1TB
530	116 22:55:06	31			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		25472:41:026F	08-116/08:18:13	1ECf
531	116 22:55:53	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	25472:42:001F	08-116/08:18:59	1ESf
532	116 22:55:53	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25472:42:002F	08-116/08:19:00	1ECd
533	116 22:55:53	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2049	DTR		25472:42:002F	08-116/08:19:00	1ESd
534	116 22:55:53	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		25472:42:002F	08-116/08:19:00	1ECs

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
535	116 22:56:42	31				END PWSREC.31			25472:43:018F	08-116/08:19:48	1T
536	116 23:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-1221 (D/L ONLY)					1DP
537	116 23:30:00	31				CFG CODES					1DP
538	117 00:00:00	31				VGR-31 OWLT IS 14H 36M 53S					1L
539	117 01:02:17	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		25475:20:002F	08-116/10:25:24	1ECd
540	117 01:02:17	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2055	DTR		25475:20:002F	08-116/10:25:24	1ESd
541	117 01:02:44	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25475:20:455F	08-116/10:25:51	1ECd
542	117 01:02:44	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2045	DTR		25475:20:455F	08-116/10:25:51	1ESd
543	117 01:10:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-1221 (U/L PASS)					1DP
544	117 01:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-1221					1DP
545	117 04:02:17	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		25479:05:002F	08-116/13:25:23	1ECd
546	117 04:02:17	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2045	DTR		25479:05:002F	08-116/13:25:23	1ESd
547	117 04:52:24	31	10RISE			10.2 DEGREE RISE DSC-10					1V
548	117 08:27:24	31	60 SET			15.4 DEGREE SET DSC-60					1V
549	117 08:55:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-1222 (D/L ONLY)					1DP
550	117 08:55:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
598	119 08:05:00	31				CFG CODES					1DP
599	119 08:19:26	31	60	SET		15.4 DEGREE SET DSC-60					1V
600	119 12:00:00	31				VGR-31 OWLT IS 14H 36M 54S					1L
601	119 12:13:10	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
602	119 12:50:00	31	24	LOS	OPCH ACE	LOS DSS-24 PASS-1224					1DP
603	119 16:12:43	31	10	SET		10.2 DEGREE SET DSC-10					1V
604	119 21:07:41	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
605	119 21:14:58	31	40	SET		10.2 DEGREE SET DSC-40					1V
606	119 23:05:30	31			AC7SSB	(4 +153) SS BIAS CONTROL --- YAW	AACS		25562:54:003F	08-119/08:28:36	1ECa
607	120 00:00:00	31				VGR-31 OWLT IS 14H 36M 54S					1L
608	120 00:40:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-1224 (D/L ONLY)					1DP
609	120 00:40:00	31				CFG CODES					1DP
610	120 04:40:29	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
611	120 06:45:00	31	14	AOS	OPCH ACE	AOS DSS-14 PASS-1225 (D/L ONLY)					1DP
612	120 06:45:00	31				CFG CODES					1DP
613	120 07:00:00	31	65	LOS	OPCH ACE	LOS DSS-65 PASS-1224					1DP
614	120 07:10:31	31	14	TRK	DSS	ASCAL PREP ===== ANTENNA DRIVE TO PRECISION ONE (70 METER STATION ONLY) PRIME DATA SOURCE=X BAND AGC ===== TURN CONSCAN -----> OFF (IF ON)				1TD	

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
626	120 07:57:31	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		25573:59:002F	08-119/17:20:36	1ESa
627	120 07:57:31	31			CC7GARP	GYRO A OFF	PWR		25573:59:003F	08-119/17:20:36	1ECp
628	120 07:57:31	31			CC7GARP	GYRO A OFF	PWR		25573:59:005F	08-119/17:20:36	1ECp
629	120 07:57:31	31			CC7PC	(352) GYRO A OFF	AACS		25573:59:007F	08-119/17:20:36	1ECa
630	120 07:57:31	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		25573:59:008F	08-119/17:20:36	1ECp
631	120 07:57:31	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		25573:59:010F	08-119/17:20:36	1ECp
632	120 07:57:32	31			CC7PC	(312) DUMMY PWR CMD	AACS		25573:59:012F	08-119/17:20:36	1ECa
633	120 07:58:18	31	14	OPCH 14		ASCAL =====					1TD
						START YAW DRIFT TURNS					
634	120 07:58:19	31				START FIRST YAW DRIFT TURN			25574:00:001F	08-119/17:21:23	1T
635	120 07:58:19	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		25574:00:003F	08-119/17:21:24	1ECa
636	120 08:02:19	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		25574:05:003F	08-119/17:25:24	1ECa
637	120 08:10:19	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		25574:15:003F	08-119/17:33:24	1ECa
638	120 08:14:19	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		25574:20:003F	08-119/17:37:24	1ECa
639	120 08:14:19	31	14	OPCH 14		ASCAL =====					1TD
						END YAW DRIFT TURNS					
640	120 08:14:20	31				END THIRD YAW DRIFT TURN			25574:20:018F	08-119/17:37:24	1T

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
641	120 08:15:06	31	14	OPCH 14		ASCAL =====					1TD
						START PITCH DRIFT TURNS					
642	120 08:15:07	31				START FIRST PITCH DRIFT TURN			25574:21:001F	08-119/17:38:11	1T
643	120 08:15:07	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		25574:21:003F	08-119/17:38:12	1ECa
644	120 08:15:27	31	60 SET			15.4 DEGREE SET DSC-60					1V
645	120 08:19:07	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		25574:26:003F	08-119/17:42:12	1ECa
646	120 08:27:07	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		25574:36:003F	08-119/17:50:12	1ECa
647	120 08:31:07	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		25574:41:003F	08-119/17:54:12	1ECa
648	120 08:31:07	31	14	OPCH 14		ASCAL =====					1TD
						END PITCH DRIFT TURNS					
649	120 08:31:08	31				END THIRD PITCH DRIFT TURN			25574:41:018F	08-119/17:54:12	1T
650	120 08:32:43	31			CC7SS	(1) SS SEARCH ENABLE	AACS		25574:43:001F	08-119/17:55:47	1ECa
651	120 08:32:43	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	25574:43:001F	08-119/17:55:47	1ESa	
652	120 08:32:43	31			CC7PC	(327) IDET ACQUIRED	AACS		25574:43:002F	08-119/17:55:48	1ECa
653	120 08:32:43	31			CC7GARP	GYRO A OFF	PWR		25574:43:003F	08-119/17:55:48	1ECp
654	120 08:32:43	31			CC7GARP	GYRO A OFF	PWR		25574:43:005F	08-119/17:55:48	1ECp
655	120 08:32:43	31			CC7PC	(352) GYRO A OFF	AACS		25574:43:007F	08-119/17:55:48	1ECa
656	120 08:32:43	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		25574:43:008F	08-119/17:55:48	1ECp
657	120 08:32:43	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		25574:43:010F	08-119/17:55:48	1ECp

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
701	120 16:31:55	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	25584:42:001F	08-120/01:54:59	1ESf
702	120 16:31:55	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25584:42:002F	08-120/01:54:59	1ECd
703	120 16:31:55	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2338	DTR		25584:42:002F	08-120/01:54:59	1ESd
704	120 16:31:55	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		25584:42:002F	08-120/01:55:00	1ECs
705	120 16:32:44	31				END PWSREC.31			25584:43:018F	08-120/01:55:48	1T
706	120 21:03:42	31	60RISE			10.2 DEGREE RISE DSC-60					1V
707	120 21:10:59	31	40 SET			10.2 DEGREE SET DSC-40					1V
708	120 22:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-1225 (D/L ONLY)					1DP
709	120 22:45:00	31				CFG CODES					1DP
710	121 00:00:00	31				VGR-31 OWLT IS 14H 36M 55S					1L
711	121 04:36:31	31	10RISE			10.2 DEGREE RISE DSC-10					1V
712	121 06:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-1225					1DP
713	121 07:55:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-1226 (D/L ONLY)					1DP
714	121 07:55:00	31				CFG CODES					1DP
715	121 08:11:29	31	60 SET			15.4 DEGREE SET DSC-60					1V
716	121 12:00:00	31				VGR-31 OWLT IS 14H 36M 56S					1L
717	121 12:05:17	31	40RISE			10.2 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
718	121 12:45:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-1226					1DP
719	121 12:45:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-1226 (U/L PASS)					1DP
720	121 14:00:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-1226					1DP
721	121 16:04:50	31	10 SET			10.2 DEGREE SET DSC-10					1V
722	121 20:59:44	31	60RISE			10.2 DEGREE RISE DSC-60					1V
723	121 21:07:01	31	40 SET			10.2 DEGREE SET DSC-40					1V
724	121 22:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-1226 (D/L ONLY)					1DP
725	121 22:50:00	31				CFG CODES					1DP
726	122 00:00:00	31				VGR-31 OWLT IS 14H 36M 56S					1L
727	122 04:32:33	31	10RISE			10.2 DEGREE RISE DSC-10					1V
728	122 06:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-1226					1DP
729	122 07:55:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-1227 (D/L ONLY)					1DP
730	122 07:55:00	31				CFG CODES					1DP
731	122 08:07:30	31	60 SET			15.4 DEGREE SET DSC-60					1V
732	122 12:00:00	31				VGR-31 OWLT IS 14H 36M 57S					1L
733	122 12:01:20	31	40RISE			10.2 DEGREE RISE DSC-40					1V
734	122 12:10:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-1227					1DP
735	122 16:00:53	31	10 SET			10.2 DEGREE SET DSC-10					1V
736	122 18:36:45	31			AC7SSB	(3 -006) SS BIAS CONTROL - PITCH	AACS		25647:18:003F	08-122/03:59:48	1ECa
737	122 20:55:46	31	60RISE			10.2 DEGREE RISE DSC-60					1V
738	122 21:03:03	31	40 SET			10.2 DEGREE SET DSC-40					1V
739	123 00:00:00	31				VGR-31 OWLT IS 14H 36M 57S					1L

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
756	123 07:27:10	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		25663:21:002F	08-122/16:50:11	1ECs
757	123 07:33:35	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR COMMANDED TURN D/L AGC VARIATIONS EXPECTED					11EC
758	123 07:35:35	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		25663:31:419F	08-122/16:58:37	1ECa
759	123 07:35:35	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	25663:31:419F	08-122/16:58:37	1ESa	
760	123 07:35:35	31			CC7GARP	GYRO A OFF	PWR		25663:31:420F	08-122/16:58:37	1ECp
761	123 07:35:35	31			CC7GARP	GYRO A OFF	PWR		25663:31:422F	08-122/16:58:37	1ECp
762	123 07:35:35	31			CC7PC	(352) GYRO A OFF	AACS		25663:31:424F	08-122/16:58:37	1ECa
763	123 07:35:35	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		25663:31:425F	08-122/16:58:37	1ECp
764	123 07:35:35	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		25663:31:427F	08-122/16:58:37	1ECp
765	123 07:35:36	31			CC7PC	(312) DUMMY PWR CMD	AACS		25663:31:429F	08-122/16:58:37	1ECa
766	123 07:38:35	31			AC7TCD	(322 033478) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		25663:35:220F	08-122/17:01:37	1ECa
767	123 08:03:31	31	60 SET			15.4 DEGREE SET DSC-60					1V
768	123 11:57:23	31	40RISE			10.2 DEGREE RISE DSC-40					1V
769	123 12:00:00	31				VGR-31 OWLT IS 14H 36M 58S					1L
770	123 13:15:22	31				ROLL TURN COMPLETE (NOMINAL)			25670:36:201F	08-122/22:38:23	1T
771	123 13:15:22	31			CC7PC	(345) CMDED TURN COMPLETE	AACS		25670:36:200F	08-122/22:38:23	1ECa
772	123 13:26:35	31				RESET CALIB			25670:50:218F	08-122/22:49:36	1T
773	123 13:26:35	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		25670:50:220F	08-122/22:49:37	1ECa

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
774	123 13:27:05	31			CC7SS	(1) SS SEARCH ENABLE	AACS		25670:50:719F	08-122/22:50:06	1ECa
775	123 13:27:05	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	25670:50:719F	08-122/22:50:06	1ESa	
776	123 13:27:05	31			CC7PC	(327) IDET ACQUIRED	AACS		25670:50:719F	08-122/22:50:07	1ECa
777	123 13:27:05	31			CC7GARP	GYRO A OFF	PWR		25670:50:720F	08-122/22:50:07	1ECp
778	123 13:27:05	31			CC7GARP	GYRO A OFF	PWR		25670:50:722F	08-122/22:50:07	1ECp
779	123 13:27:05	31			CC7PC	(352) GYRO A OFF	AACS		25670:50:724F	08-122/22:50:07	1ECa
780	123 13:27:05	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		25670:50:725F	08-122/22:50:07	1ECp
781	123 13:27:05	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		25670:50:727F	08-122/22:50:07	1ECp
782	123 13:27:06	31			CC7PC	(312) DUMMY PWR CMD	AACS		25670:50:729F	08-122/22:50:07	1ECa
783	123 13:33:05	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		25670:58:319F	08-122/22:56:06	1ECa
784	123 13:34:10	31				GYROS OFF			25670:59:601F	08-122/22:57:11	1T
785	123 13:34:10	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	25670:59:602F	08-122/22:57:11	1ESa	
786	123 13:34:10	31			CC7PC	(307) STAR ACQUIRED	AACS		25670:59:602F	08-122/22:57:12	1ECa
787	123 13:34:10	31			CC7GCRP	GYRO C OFF	PWR		25670:59:603F	08-122/22:57:12	1ECp
788	123 13:34:10	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS	25670:59:603F	08-122/22:57:12	1ESa	
789	123 13:34:10	31			CC7GCRP	GYRO C OFF	PWR		25670:59:605F	08-122/22:57:12	1ECp

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
790	123 13:34:10	31			CC7PC	(372) GYRO C OFF	AACS		25670:59:607F	08-122/22:57:12	1ECa
791	123 13:34:10	31			CC7GBRP	GYRO B OFF	PWR		25670:59:608F	08-122/22:57:12	1ECp
792	123 13:34:10	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS	25670:59:608F	08-122/22:57:12	1ESa	
793	123 13:34:10	31			CC7GBRP	GYRO B OFF	PWR		25670:59:610F	08-122/22:57:12	1ECp
794	123 13:34:11	31			CC7PC	(362) GYRO B OFF	AACS		25670:59:612F	08-122/22:57:12	1ECa
795	123 13:34:11	31			CC7GARP	GYRO A OFF	PWR		25670:59:613F	08-122/22:57:12	1ECp
796	123 13:34:11	31			CC7GARP	GYRO A OFF	PWR		25670:59:615F	08-122/22:57:12	1ECp
797	123 13:34:11	31			CC7PC	(352) GYRO A OFF	AACS		25670:59:617F	08-122/22:57:12	1ECa
798	123 13:34:11	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		25670:59:617F	08-122/22:57:12	1ECp
799	123 13:34:11	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		25670:59:619F	08-122/22:57:13	1ECp
800	123 13:34:11	31			CC7PC	(312) DUMMY PWR CMD	AACS		25670:59:622F	08-122/22:57:13	1ECa
801	123 13:41:22	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
802	123 13:41:22	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
803	123 13:42:35	31				B- YAWDB			25671:10:218F	08-122/23:05:36	1TB
804	123 13:42:35	31				YAWDB - .10			25671:10:218F	08-122/23:05:36	1T
805	123 13:42:35	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		25671:10:221F	08-122/23:05:37	1ECa
806	123 13:45:35	31				B- DRCSRUS			25671:14:018F	08-122/23:08:36	1TB

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
807	123 13:45:35	31			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		25671:14:026F	08-122/23:08:37	1ECf
808	123 13:46:22	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	25671:15:001F	08-122/23:09:23	1ESf
809	123 13:46:22	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		25671:15:002F	08-122/23:09:24	1ECs
810	123 13:46:23	31				END MAGROLBC31			25671:15:018F	08-122/23:09:24	1T
811	123 13:46:23	31				END GAIN31			25671:15:018F	08-122/23:09:24	1T
812	123 14:05:00	31	43 AOS	OPCH	ACE	AOS DSS-43 PASS-1228 (D/L ONLY)					1DP
813	123 14:05:00	31				CFG CODES					1DP
814	123 14:45:00	31	14 LOS	OPCH	ACE	LOS DSS-14 PASS-1228					1DP
815	123 15:56:56	31	10 SET			10.2 DEGREE SET DSC-10					1V
816	123 17:45:00	31	43 LOS	OPCH	ACE	LOS DSS-43 PASS-1228					1DP
817	123 19:28:46	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		25678:23:002F	08-123/04:51:48	1ECd
818	123 19:28:46	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2344	DTR		25678:23:002F	08-123/04:51:48	1ESd
819	123 19:42:08	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25678:39:571F	08-123/05:05:10	1ECd

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
835	123 22:30:22	31			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		25682:10:009F	08-123/07:53:24	1ECf
836	123 22:31:06	31				BEGIN RECORDING PWS DATA			25682:10:734F	08-123/07:54:07	1T
837	123 22:31:06	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		25682:10:735F	08-123/07:54:07	1ECd
838	123 22:31:06	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2055	DTR		25682:10:735F	08-123/07:54:07	1ESd
839	123 22:31:10	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	25682:11:001F	08-123/07:54:11	1ESf
840	123 22:31:10	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		25682:11:002F	08-123/07:54:11	1ECs
841	123 22:31:11	31				B- DRCRUS			25682:11:018F	08-123/07:54:12	1TB
842	123 22:31:11	31			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		25682:11:026F	08-123/07:54:13	1ECf
843	123 22:31:58	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	25682:12:001F	08-123/07:54:59	1ESf
844	123 22:31:58	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25682:12:002F	08-123/07:55:00	1ECd

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
845	123 22:31:58	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2348	DTR		25682:12:002F	08-123/07:55:00	1ESd
846	123 22:31:58	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		25682:12:002F	08-123/07:55:00	1ECs
847	123 22:32:47	31				END PWSREC.31			25682:13:018F	08-123/07:55:48	1T
848	124 00:00:00	31				VGR-31 OWLT IS 14H 36M 58S					1L
849	124 00:38:22	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		25684:50:002F	08-123/10:01:24	1ECD
850	124 00:38:22	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2354	DTR		25684:50:002F	08-123/10:01:24	1ESd
851	124 00:38:49	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25684:50:455F	08-123/10:01:51	1ECD
852	124 00:38:49	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2344	DTR		25684:50:455F	08-123/10:01:51	1ESd
853	124 03:38:23	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		25688:35:002F	08-123/13:01:23	1ECD
854	124 03:38:23	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2344	DTR		25688:35:002F	08-123/13:01:23	1ESd
855	124 04:24:37	31	10RISE			10.2 DEGREE RISE DSC-10					1V
856	124 06:25:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-1228 (D/L ONLY)					1DP
857	124 06:25:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
858	124 06:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-1228					1DP
859	124 07:59:33	31	60 SET			15.4 DEGREE SET DSC-60					1V
860	124 08:25:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-1229 (D/L ONLY)					1DP
861	124 08:25:00	31				CFG CODES					1DP
862	124 08:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-1228					1DP
863	124 11:53:27	31	40RISE			10.2 DEGREE RISE DSC-40					1V
864	124 12:00:00	31				VGR-31 OWLT IS 14H 36M 59S					1L
865	124 12:10:00	31	43 AOS	OPCH ACE		AOS DSS-43 PASS-1229 (D/L ONLY)					1DP
866	124 12:10:00	31				CFG CODES					1DP
867	124 12:30:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-1229					1DP
868	124 14:25:00	31	43 LOS	OPCH ACE		LOS DSS-43 PASS-1229					1DP
869	124 15:52:59	31	10 SET			10.2 DEGREE SET DSC-10					1V
870	124 20:47:49	31	60RISE			10.2 DEGREE RISE DSC-60					1V
871	124 20:55:06	31	40 SET			10.2 DEGREE SET DSC-40					1V
872	125 00:00:00	31				VGR-31 OWLT IS 14H 37M 00S					1L
873	125 00:10:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-1229 (D/L ONLY)					1DP
874	125 00:10:00	31				CFG CODES					1DP
875	125 04:20:38	31	10RISE			10.2 DEGREE RISE DSC-10					1V
876	125 05:10:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-1229					1DP
877	125 07:55:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-1230 (U/L PASS)					1DP
878	125 07:55:34	31	60 SET			15.4 DEGREE SET DSC-60					1V
879	125 11:08:48	31			AC7SSB	(4 +152) SS BIAS CONTROL --- YAW	AACS		25727:58:003F	08-124/20:31:48	1ECa

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
880	125 11:49:30	31	40RISE			10.2 DEGREE RISE DSC-40					1V
881	125 12:00:00	31				VGR-31 OWLT IS 14H 37M 00S					1L
882	125 15:40:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-1230					1DP
883	125 15:49:02	31	10 SET			10.2 DEGREE SET DSC-10					1V
884	125 20:43:51	31	60RISE			10.2 DEGREE RISE DSC-60					1V
885	125 20:51:08	31	40 SET			10.2 DEGREE SET DSC-40					1V
886	126 00:00:00	31				VGR-31 OWLT IS 14H 37M 01S					1L
887	126 02:40:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-1230 (D/L ONLY)					1DP
888	126 02:40:00	31				CFG CODES					1DP
889	126 04:16:40	31	10RISE			10.2 DEGREE RISE DSC-10					1V
890	126 06:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-1230					1DP
891	126 07:51:35	31	60 SET			15.4 DEGREE SET DSC-60					1V
892	126 08:10:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-1231 (D/L ONLY)					1DP
893	126 08:10:00	31				CFG CODES					1DP
894	126 11:45:33	31	40RISE			10.2 DEGREE RISE DSC-40					1V
895	126 12:00:00	31				VGR-31 OWLT IS 14H 37M 02S					1L
896	126 12:25:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-1231					1DP
897	126 15:45:05	31	10 SET			10.2 DEGREE SET DSC-10					1V
898	126 20:39:52	31	60RISE			10.2 DEGREE RISE DSC-60					1V
899	126 20:47:09	31	40 SET			10.2 DEGREE SET DSC-40					1V
900	126 23:16:50	31				A067B UPLINK			25773:08:001F	08-126/08:39:47	1T
901	126 23:46:25	31				FINAL SPACECRAFT STATUS			25773:44:785F	08-126/09:09:23	1TI

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
902	126 23:46:25	31				RADIO STATUS			25773:44:785F	08-126/09:09:23	1TI
903	126 23:46:25	31			DC2AR	S-BAND RANGING OFF			25773:44:785F	08-126/09:09:23	1TI
904	126 23:46:25	31			DC2DR	S-BAND LO PWR			25773:44:785F	08-126/09:09:23	1TI
905	126 23:46:25	31			DC2HR	X-BAND LO PWR			25773:44:785F	08-126/09:09:23	1TI
906	126 23:46:25	31			DC2N	X-BAND RANGING ON			25773:44:785F	08-126/09:09:23	1TI
907	126 23:46:25	31			DC2P	2 WAY NON-COHERENT ON			25773:44:785F	08-126/09:09:23	1TI
908	126 23:46:25	31			DC2QR	USO OFF			25773:44:785F	08-126/09:09:23	1TI
909	126 23:46:25	31			CC2BRP	S-BAND EXC-2 SEL			25773:44:785F	08-126/09:09:23	1TI
910	126 23:46:25	31			CC2CRP	S-BAND TRANS-2 SEL			25773:44:785F	08-126/09:09:23	1TI
911	126 23:46:25	31			CC2FP	RCVR-1 SEL			25773:44:785F	08-126/09:09:23	1TI
912	126 23:46:25	31			CC2JP	X-BAND EXC-1 SEL			25773:44:785F	08-126/09:09:23	1TI
913	126 23:46:25	31			CC2GP	X-BAND ON			25773:44:785F	08-126/09:09:23	1TI
914	126 23:46:25	31			CC2KRP	S-BAND OFF			25773:44:785F	08-126/09:09:23	1TI
915	126 23:46:25	31			CC2LP	X-BAND TWTA-1 SEL			25773:44:785F	08-126/09:09:23	1TI
916	126 23:46:25	31			CC2MP	S-BAND EXC ON			25773:44:785F	08-126/09:09:23	1TI
917	126 23:46:25	31			DC2E	HGA SELECT			25773:44:785F	08-126/09:09:23	1TI
918	126 23:46:25	31			CC1T	BAY 1 HTR ON			25773:44:785F	08-126/09:09:23	1TI
919	126 23:46:25	31				MDS STATUS			25773:44:785F	08-126/09:09:23	1TI
920	126 23:46:25	31			CC3BP	TMU ON			25773:44:785F	08-126/09:09:23	1TI
921	126 23:46:25	31			CC3GP	TMU-A SEL			25773:44:785F	08-126/09:09:23	1TI
922	126 23:46:25	31			CC3HP	CDU-A SEL			25773:44:785F	08-126/09:09:23	1TI
923	126 23:46:25	31			CC3A	32310 X-BAND			25773:44:785F	08-126/09:09:23	1TI
924	126 23:46:25	31			CC3A	28301 S-BAND			25773:44:785F	08-126/09:09:23	1TI

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
925	126 23:46:25	31				POWER STATUS			25773:44:785F	08-126/09:09:23	1TI
926	126 23:46:25	31			CC4A	UNDERVOLTAGE TRIP RESET			25773:44:785F	08-126/09:09:23	1TI
927	126 23:46:25	31			CC4K	RTG-1 DIODE BYPASS ON			25773:44:785F	08-126/09:09:23	1TI
928	126 23:46:25	31			CC4L	RTG-2 DIODE BYPASS ON			25773:44:785F	08-126/09:09:23	1TI
929	126 23:46:25	31			CC4M	RTG-3 DIODE BYPASS ON			25773:44:785F	08-126/09:09:23	1TI
930	126 23:46:25	31				CCS STATUS			25773:44:785F	08-126/09:09:23	1TI
931	126 23:46:25	31			DC5AR	CCS TOL DET ENABLE			25773:44:785F	08-126/09:09:23	1TI
932	126 23:46:25	31				FDS STATUS			25773:44:785F	08-126/09:09:23	1TI
933	126 23:46:25	31			CC6CP	FDS ON/ISS PWR ENABLE			25773:44:785F	08-126/09:09:23	1TI
934	126 23:46:25	31			CC6AA	1 SVC-W1			25773:44:785F	08-126/09:09:23	1TI
935	126 23:46:25	31			CC6AD	3200 SVC-W4			25773:44:785F	08-126/09:09:23	1TI
936	126 23:46:25	31			CC6AE	30011 SVC-W5			25773:44:785F	08-126/09:09:23	1TI
937	126 23:46:25	31			CC6AP	FDS PWR CONV A SEL			25773:44:785F	08-126/09:09:23	1TI
938	126 23:46:25	31			CC6AB	01000 SVC-W2			25773:44:785F	08-126/09:09:23	1TI
939	126 23:46:25	31			SC06BB	530070 FDS DATA MODE			25773:44:785F	08-126/09:09:23	1TI
940	126 23:46:25	31				AACS STATUS			25773:44:785F	08-126/09:09:23	1TI
941	126 23:46:25	31			AC7PCG	14 HYBIC 2 PWR ON			25773:44:785F	08-126/09:09:23	1TI
942	126 23:46:25	31			CC7ML	05 CST ON			25773:44:785F	08-126/09:09:23	1TI
943	126 23:46:25	31			AC7CTG	10 394 CST HI GATE			25773:44:785F	08-126/09:09:23	1TI
944	126 23:46:25	31			AC7CTG	11 442 CST LO GATE			25773:44:785F	08-126/09:09:23	1TI
945	126 23:46:25	31			AC7GYP	111 GYRO PATTERN			25773:44:785F	08-126/09:09:23	1TI
946	126 23:46:25	31			AC7PCG	52 GYRO A OFF			25773:44:785F	08-126/09:09:23	1TI
947	126 23:46:25	31			AC7PCG	62 GYRO B OFF			25773:44:785F	08-126/09:09:23	1TI

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
948	126 23:46:25	31			AC7PCG	72 GYRO C OFF			25773:44:785F	08-126/09:09:23	1TI
949	126 23:46:25	31			AC7PAR	7530 000000 GYRO OFF NORM			25773:44:785F	08-126/09:09:23	1TI
950	126 23:46:25	31			AC7PAR	6740 000740 PITCH DEADBAND			25773:44:785F	08-126/09:09:23	1TI
951	126 23:46:25	31			AC7PAR	6741 001700 YAW DEADBAND			25773:44:785F	08-126/09:09:23	1TI
952	126 23:46:25	31			AC7PAR	6742 004540 ROLL DEADBAND			25773:44:785F	08-126/09:09:23	1TI
953	126 23:46:25	31			DEADBAND	DEAD BAND STATE: 05 10 25			25773:44:785F	08-126/09:09:23	1TI
954	126 23:46:25	31			CC7SS	1 AACS TO RAI			25773:44:785F	08-126/09:09:23	1TI
955	126 23:46:25	31			CC7CT	01 CST CONE ANGLE 1			25773:44:785F	08-126/09:09:23	1TI
956	126 23:46:25	31			AC7DDB	000480 DEAD BAND CONTROL			25773:44:785F	08-126/09:09:23	1TI
957	126 23:46:25	31			CC7AHRP	SS HTR A OFF			25773:44:785F	08-126/09:09:23	1TI
958	126 23:46:25	31			CC7BHP	SS HTR B ON			25773:44:785F	08-126/09:09:23	1TI
959	126 23:46:25	31			CC7ML	01 FDS CHAN A			25773:44:785F	08-126/09:09:23	1TI
960	126 23:46:25	31			CC7ML	09 TCAPU FAULT ENA			25773:44:785F	08-126/09:09:23	1TI
961	126 23:46:25	31			AC7PCG	61 AACS BAY 6 HTR A OFF			25773:44:785F	08-126/09:09:23	1TI
962	126 23:46:25	31			AC7PCG	71 AACS BAY 6 HTR B OFF			25773:44:785F	08-126/09:09:23	1TI
963	126 23:46:25	31			CC7MMRP	PROC/MEM 2 SELECT			25773:44:785F	08-126/09:09:23	1TI
964	126 23:46:25	31			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			25773:44:785F	08-126/09:09:23	1TI
965	126 23:46:25	31			AC7PCG	22 CST SUN SHUTTER OFF			25773:44:785F	08-126/09:09:23	1TI
966	126 23:46:25	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			25773:44:785F	08-126/09:09:23	1TI
967	126 23:46:25	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			25773:44:785F	08-126/09:09:23	1TI
968	126 23:46:25	31			CC1PHP	SCAN PLAT SUPL HTR ON			25773:44:785F	08-126/09:09:23	1TI
969	126 23:46:25	31			CC77MRP	MAM OFF			25773:44:785F	08-126/09:09:23	1TI
970	126 23:46:25	31			DC77PR	NON-PRIME FCP/MEM OFF			25773:44:785F	08-126/09:09:23	1TI

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
971	126 23:46:25	31			DC77XR	MAM COMMAND DISABLE			25773:44:785F	08-126/09:09:23	1TI
972	126 23:46:25	31				PYRO STATUS			25773:44:785F	08-126/09:09:23	1TI
973	126 23:46:25	31			CC8D	PSU INSTRUMENTATION ON			25773:44:785F	08-126/09:09:23	1TI
974	126 23:46:25	31			DC8XR	PYRO DISABLE			25773:44:785F	08-126/09:09:23	1TI
975	126 23:46:25	31				PROPULSION STATUS			25773:44:785F	08-126/09:09:23	1TI
976	126 23:46:25	31			CC10CRP	TCM HTR OFF			25773:44:785F	08-126/09:09:23	1TI
977	126 23:46:25	31			CC10DR	AP BR1 HTR OFF			25773:44:785F	08-126/09:09:23	1TI
978	126 23:46:25	31			CC10ER	AP BR2 HTR OFF			25773:44:785F	08-126/09:09:23	1TI
979	126 23:46:25	31			CC10TRP	TCM LINE HTRS OFF			25773:44:785F	08-126/09:09:23	1TI
980	126 23:46:25	31				DSS STATUS			25773:44:785F	08-126/09:09:23	1TI
981	126 23:46:25	31			CC16BR	DSS 10 W REPL HTR OFF			25773:44:785F	08-126/09:09:23	1TI
982	126 23:46:25	31			CC16AP	DSS ON			25773:44:785F	08-126/09:09:23	1TI
983	126 23:46:25	31			CC1DR	BAY 2 19 W HTR OFF			25773:44:785F	08-126/09:09:23	1TI
984	126 23:46:25	31			CC16C	7213 DSS CONTROL			25773:44:785F	08-126/09:09:23	1TI
985	126 23:46:25	31				SCIENCE PWR STATUS			25773:44:785F	08-126/09:09:23	1TI
986	126 23:46:25	31			CC1CR	MAG COIL OFF			25773:44:785F	08-126/09:09:23	1TI
987	126 23:46:25	31			CC21A	CRS ON			25773:44:785F	08-126/09:09:23	1TI
988	126 23:46:25	31			CC21B	CRS REPL HTR ON			25773:44:785F	08-126/09:09:23	1TI
989	126 23:46:25	31			CC21CR	CRS SUPP HTR OFF			25773:44:785F	08-126/09:09:23	1TI
990	126 23:46:25	31			CC22A	PRA ON			25773:44:785F	08-126/09:09:23	1TI
991	126 23:46:25	31			CC23A	PWS ON			25773:44:785F	08-126/09:09:23	1TI
992	126 23:46:25	31			CC25A	LECP ON			25773:44:785F	08-126/09:09:23	1TI
993	126 23:46:25	31			CC25B	LECP STEPPER MOTOR ON			25773:44:785F	08-126/09:09:23	1TI

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
994	126 23:46:25	31			CC25CR	LECP REPL HTR OFF			25773:44:785F	08-126/09:09:23	1TI
995	126 23:46:25	31			CC25D	LECP MAIN SUPP HTR ON			25773:44:785F	08-126/09:09:23	1TI
996	126 23:46:25	31			CC25E	LECP LEPT SUPP HTR ON			25773:44:785F	08-126/09:09:23	1TI
997	126 23:46:25	31			CC27BR	PPS SUPP HTR OFF			25773:44:785F	08-126/09:09:23	1TI
998	126 23:46:25	31			CC32A	PLS ON			25773:44:785F	08-126/09:09:23	1TI
999	126 23:46:25	31			CC32BR	PLS SUPP HTR OFF			25773:44:785F	08-126/09:09:23	1TI
1000	126 23:46:25	31			CC32C	PLS REPL HTR ON			25773:44:785F	08-126/09:09:23	1TI
1001	126 23:46:25	31			CC34A	UVS ON			25773:44:785F	08-126/09:09:23	1TI
1002	126 23:46:25	31			CC34B	UVS REPL HTR ON			25773:44:785F	08-126/09:09:23	1TI
1003	126 23:46:25	31			CC35AR	MAG OFF			25773:44:785F	08-126/09:09:23	1TI
1004	126 23:46:25	31			CC35B	MAG STANDBY ON			25773:44:785F	08-126/09:09:23	1TI
1005	126 23:46:25	31			CC35GR	MAG SENSOR HTR OFF			25773:44:785F	08-126/09:09:23	1TI
1006	126 23:46:25	31			CC36GR	ISS WA VID REPL HTR OFF			25773:44:785F	08-126/09:09:23	1TI
1007	126 23:46:25	31			CC36HR	ISS WA ELEC REPL HTR OFF			25773:44:785F	08-126/09:09:23	1TI
1008	126 23:46:25	31			CC36CRP	ISS NA OPTICS HTR OFF			25773:44:785F	08-126/09:09:23	1TI
1009	126 23:46:25	31			CC36FRP	ISS NA VID REPL HTR OFF			25773:44:785F	08-126/09:09:23	1TI
1010	126 23:46:25	31			CC36JP	ISS NA ELEC REPL HTR ON			25773:44:785F	08-126/09:09:23	1TI
1011	126 23:46:25	31			CC39D	IRIS REPL HTR ON			25773:44:785F	08-126/09:09:23	1TI
1012	126 23:46:25	31			CC39FR	IRIS STANDBY A SUPPLY OFF			25773:44:785F	08-126/09:09:23	1TI
1013	126 23:46:25	31			CC39BR	IRIS STANDBY B SUPPLY OFF			25773:44:785F	08-126/09:09:23	1TI
1014	126 23:46:25	31				SCIENCE INSTRUMENT STATUS			25773:44:785F	08-126/09:09:23	1TI
1015	126 23:46:25	31			SC21AF	01000 CRS CMD WORD			25773:44:785F	08-126/09:09:23	1TI
1016	126 23:46:25	31			SC21AF	02000 CRS CMD WORD			25773:44:785F	08-126/09:09:23	1TI

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1017	126 23:46:25	31			SC21AF	03000 CRS CMD WORD			25773:44:785F	08-126/09:09:23	1TI
1018	126 23:46:25	31			SC21AF	04000 CRS CMD WORD			25773:44:785F	08-126/09:09:23	1TI
1019	126 23:46:25	31			SC21AF	05300 CRS CMD WORD			25773:44:785F	08-126/09:09:23	1TI
1020	126 23:46:25	31			SC21AF	06000 CRS CMD WORD			25773:44:785F	08-126/09:09:23	1TI
1021	126 23:46:25	31			SC21AF	07200 CRS CMD WORD			25773:44:785F	08-126/09:09:23	1TI
1022	126 23:46:25	31			SC21AF	08200 CRS CMD WORD			25773:44:785F	08-126/09:09:23	1TI
1023	126 23:46:25	31			SC21AF	10000 CRS CMD WORD			25773:44:785F	08-126/09:09:23	1TI
1024	126 23:46:25	31			SC21AF	11000 CRS CMD WORD			25773:44:785F	08-126/09:09:23	1TI
1025	126 23:46:25	31			SC21AF	12000 CRS CMD WORD			25773:44:785F	08-126/09:09:23	1TI
1026	126 23:46:25	31			SC21AF	13012 CRS CMD WORD			25773:44:785F	08-126/09:09:23	1TI
1027	126 23:46:25	31			SC21AG	CRS HV FLAG			25773:44:785F	08-126/09:09:23	1TI
1028	126 23:46:25	31			SC21AH	CRS CAL-ST FLAG			25773:44:785F	08-126/09:09:23	1TI
1029	126 23:46:25	31			SC22AF	1347 PRA CONFIGURATION CMD			25773:44:785F	08-126/09:09:23	1TI
1030	126 23:46:25	31			SC22NU	0000 PRA MODE SELECT			25773:44:785F	08-126/09:09:23	1TI
1031	126 23:46:25	31			SC23AD	5 PWS CMD WORD			25773:44:785F	08-126/09:09:23	1TI
1032	126 23:46:25	31			SC25AH	1777 LECP CMD WORD			25773:44:785F	08-126/09:09:23	1TI
1033	126 23:46:25	31			SC25AH	2417 LECP CMD WORD			25773:44:785F	08-126/09:09:23	1TI
1034	126 23:46:25	31			SC25AH	5600 LECP CMD WORD			25773:44:785F	08-126/09:09:23	1TI
1035	126 23:46:25	31			SC25AH	6032 LECP CMD WORD			25773:44:785F	08-126/09:09:23	1TI
1036	126 23:46:25	31			SC25AJ	1 LECP MOTOR STEP CMD			25773:44:785F	08-126/09:09:23	1TI
1037	126 23:46:25	31			SC25AN	0 LECP NEAR/FAR ENC			25773:44:785F	08-126/09:09:23	1TI
1038	126 23:46:25	31			SC25AQ	5200 LECP SAFE CMD			25773:44:785F	08-126/09:09:23	1TI
1039	126 23:46:25	31			SC32AF	2 PLS E1 INT/AMP GAIN			25773:44:785F	08-126/09:09:23	1TI

FINAL SEQUENCE FOR JST A067 (TOL/A067F - EVTSDR/A067AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1040	126 23:46:25	31			SC32AG	2 PLS E2 INT/AMP GAIN			25773:44:785F	08-126/09:09:23	1TI
1041	126 23:46:25	31			SC32AH	3 PLS M INT/AMP GAIN			25773:44:785F	08-126/09:09:23	1TI
1042	126 23:46:25	31			SC32AJ	13 PLS CONFIG CMD			25773:44:785F	08-126/09:09:23	1TI
1043	126 23:46:25	31			SC32AK	2 PLS L INT/AMP GAIN			25773:44:785F	08-126/09:09:23	1TI
1044	126 23:46:25	31			SC32AL	216 PLS M START WORD 1			25773:44:785F	08-126/09:09:23	1TI
1045	126 23:46:25	31			SC32AM	216 PLS M START WORD 2			25773:44:785F	08-126/09:09:23	1TI
1046	126 23:46:25	31			SC32AN	2 PLS M MODE			25773:44:785F	08-126/09:09:23	1TI
1047	126 23:46:25	31			SC32AP	3 PLS E1 SHRT			25773:44:785F	08-126/09:09:23	1TI
1048	126 23:46:25	31			SC32AQ	3 PLS E2 SHRT			25773:44:785F	08-126/09:09:23	1TI
1049	126 23:46:25	31			SC32AR	3 PLS L SHORT			25773:44:785F	08-126/09:09:23	1TI
1050	126 23:46:25	31			SC32AS	2 PLS E1 LONG			25773:44:785F	08-126/09:09:23	1TI
1051	126 23:46:25	31			SC32AT	2 PLS E2 LONG			25773:44:785F	08-126/09:09:23	1TI
1052	126 23:46:25	31			SC32AU	2 PLS L LONG			25773:44:785F	08-126/09:09:23	1TI
1053	126 23:46:25	31			SC34AE	13 UVS MODE/HV LEVEL			25773:44:785F	08-126/09:09:23	1TI
1054	126 23:46:25	31			SC34AF	0 UVS READ OUT FLAG			25773:44:785F	08-126/09:09:23	1TI
1055	126 23:46:25	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			25773:44:785F	08-126/09:09:23	1TI
1056	126 23:46:25	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			25773:44:785F	08-126/09:09:23	1TI