



# FINAL FLIGHT SOE

S/C 31

SEQUENCE ID A057BA DATE OF RELEASE September 29, 2005

EXECUTION PERIOD 10/17/2005 to 01/16/2006 (05-290 to 06-016)

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

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FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT 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	290 22:40:53	31				INITIAL SPACECRAFT STATUS			63379:44:785F	05-290/09:09:23	1TI
2	290 22:40:53	31				RADIO STATUS			63379:44:785F	05-290/09:09:23	1TI
3	290 22:40:53	31			DC2AR	S-BAND RANGING OFF			63379:44:785F	05-290/09:09:23	1TI
4	290 22:40:53	31			DC2DR	S-BAND LO PWR			63379:44:785F	05-290/09:09:23	1TI
5	290 22:40:53	31			DC2HR	X-BAND LO PWR			63379:44:785F	05-290/09:09:23	1TI
6	290 22:40:53	31			DC2N	X-BAND RANGING ON			63379:44:785F	05-290/09:09:23	1TI
7	290 22:40:53	31			DC2P	2 WAY NON-COHERENT ON			63379:44:785F	05-290/09:09:23	1TI
8	290 22:40:53	31			DC2QR	USO OFF			63379:44:785F	05-290/09:09:23	1TI
9	290 22:40:53	31			CC2BRP	S-BAND EXC-2 SEL			63379:44:785F	05-290/09:09:23	1TI
10	290 22:40:53	31			CC2CRP	S-BAND TRANS-2 SEL			63379:44:785F	05-290/09:09:23	1TI
11	290 22:40:53	31			CC2FP	RCVR-1 SEL			63379:44:785F	05-290/09:09:23	1TI
12	290 22:40:53	31			CC2JP	X-BAND EXC-1 SEL			63379:44:785F	05-290/09:09:23	1TI
13	290 22:40:53	31			CC2GP	X-BAND ON			63379:44:785F	05-290/09:09:23	1TI
14	290 22:40:53	31			CC2KRP	S-BAND OFF			63379:44:785F	05-290/09:09:23	1TI
15	290 22:40:53	31			CC2LP	X-BAND TWTA-1 SEL			63379:44:785F	05-290/09:09:23	1TI
16	290 22:40:53	31			CC2MP	S-BAND EXC ON			63379:44:785F	05-290/09:09:23	1TI
17	290 22:40:53	31			DC2E	HGA SELECT			63379:44:785F	05-290/09:09:23	1TI
18	290 22:40:53	31			CC1T	BAY 1 HTR ON			63379:44:785F	05-290/09:09:23	1TI
19	290 22:40:53	31				MDS STATUS			63379:44:785F	05-290/09:09:23	1TI
20	290 22:40:53	31			CC3BP	TMU ON			63379:44:785F	05-290/09:09:23	1TI
21	290 22:40:53	31			CC3GP	TMU-A SEL			63379:44:785F	05-290/09:09:23	1TI
22	290 22:40:53	31			CC3HP	CDU-A SEL			63379:44:785F	05-290/09:09:23	1TI
23	290 22:40:53	31			CC3A	32310 X-BAND			63379:44:785F	05-290/09:09:23	1TI

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT 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	290 22:40:53	31			CC3A	28301 S-BAND			63379:44:785F	05-290/09:09:23	1TI
25	290 22:40:53	31				POWER STATUS			63379:44:785F	05-290/09:09:23	1TI
26	290 22:40:53	31			CC4A	UNDERVOLTAGE TRIP RESET			63379:44:785F	05-290/09:09:23	1TI
27	290 22:40:53	31			CC4K	RTG-1 DIODE BYPASS ON			63379:44:785F	05-290/09:09:23	1TI
28	290 22:40:53	31			CC4L	RTG-2 DIODE BYPASS ON			63379:44:785F	05-290/09:09:23	1TI
29	290 22:40:53	31			CC4M	RTG-3 DIODE BYPASS ON			63379:44:785F	05-290/09:09:23	1TI
30	290 22:40:53	31				CCS STATUS			63379:44:785F	05-290/09:09:23	1TI
31	290 22:40:53	31			DC5AR	CCS TOL DET ENABLE			63379:44:785F	05-290/09:09:23	1TI
32	290 22:40:53	31				FDS STATUS			63379:44:785F	05-290/09:09:23	1TI
33	290 22:40:53	31			CC6CP	FDS ON/ISS PWR ENABLE			63379:44:785F	05-290/09:09:23	1TI
34	290 22:40:53	31			CC6AA	1 SVC-W1			63379:44:785F	05-290/09:09:23	1TI
35	290 22:40:53	31			CC6AD	3200 SVC-W4			63379:44:785F	05-290/09:09:23	1TI
36	290 22:40:53	31			CC6AE	30011 SVC-W5			63379:44:785F	05-290/09:09:23	1TI
37	290 22:40:53	31			CC6AP	FDS PWR CONV A SEL			63379:44:785F	05-290/09:09:23	1TI
38	290 22:40:53	31			CC6AB	01000 SVC-W2			63379:44:785F	05-290/09:09:23	1TI
39	290 22:40:53	31			SC06BB	530070 FDS DATA MODE			63379:44:785F	05-290/09:09:23	1TI
40	290 22:40:53	31				AACS STATUS			63379:44:785F	05-290/09:09:23	1TI
41	290 22:40:53	31			AC7PCG	14 HYBIC 2 PWR ON			63379:44:785F	05-290/09:09:23	1TI
42	290 22:40:53	31			CC7ML	05 CST ON			63379:44:785F	05-290/09:09:23	1TI
43	290 22:40:53	31			AC7CTG	10 394 CST HI GATE			63379:44:785F	05-290/09:09:23	1TI
44	290 22:40:53	31			AC7CTG	11 442 CST LO GATE			63379:44:785F	05-290/09:09:23	1TI
45	290 22:40:53	31			AC7GYP	111 GYRO PATTERN			63379:44:785F	05-290/09:09:23	1TI
46	290 22:40:53	31			AC7PCG	52 GYRO A OFF			63379:44:785F	05-290/09:09:23	1TI

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47	290 22:40:53	31			AC7PCG	62 GYRO B OFF			63379:44:785F	05-290/09:09:23	1TI
48	290 22:40:53	31			AC7PCG	72 GYRO C OFF			63379:44:785F	05-290/09:09:23	1TI
49	290 22:40:53	31			AC7PAR	7530 000000 GYRO OFF NORM			63379:44:785F	05-290/09:09:23	1TI
50	290 22:40:53	31			AC7PAR	6740 000740 PITCH DEADBAND			63379:44:785F	05-290/09:09:23	1TI
51	290 22:40:53	31			AC7PAR	6741 001700 YAW DEADBAND			63379:44:785F	05-290/09:09:23	1TI
52	290 22:40:53	31			AC7PAR	6742 004540 ROLL DEADBAND			63379:44:785F	05-290/09:09:23	1TI
53	290 22:40:53	31			DEADBAND	DEAD BAND STATE: 05 10 05			63379:44:785F	05-290/09:09:23	1TI
54	290 22:40:53	31			CC7SS	1 AACS TO RAI			63379:44:785F	05-290/09:09:23	1TI
55	290 22:40:53	31			CC7CT	01 CST CONE ANGLE 1			63379:44:785F	05-290/09:09:23	1TI
56	290 22:40:53	31			AC7DDB	000480 DEAD BAND CONTROL			63379:44:785F	05-290/09:09:23	1TI
57	290 22:40:53	31			CC7AHRP	SS HTR A OFF			63379:44:785F	05-290/09:09:23	1TI
58	290 22:40:53	31			CC7BHP	SS HTR B ON			63379:44:785F	05-290/09:09:23	1TI
59	290 22:40:53	31			CC7ML	01 FDS CHAN A			63379:44:785F	05-290/09:09:23	1TI
60	290 22:40:53	31			CC7ML	09 TCAPU FAULT ENA			63379:44:785F	05-290/09:09:23	1TI
61	290 22:40:53	31			AC7PCG	61 AACS BAY 6 HTR A OFF			63379:44:785F	05-290/09:09:23	1TI
62	290 22:40:53	31			AC7PCG	71 AACS BAY 6 HTR B OFF			63379:44:785F	05-290/09:09:23	1TI
63	290 22:40:53	31			CC7MMRP	PROC/MEM 2 SELECT			63379:44:785F	05-290/09:09:23	1TI
64	290 22:40:53	31			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			63379:44:785F	05-290/09:09:23	1TI
65	290 22:40:53	31			AC7PCG	22 CST SUN SHUTTER OFF			63379:44:785F	05-290/09:09:23	1TI
66	290 22:40:53	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			63379:44:785F	05-290/09:09:23	1TI
67	290 22:40:53	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			63379:44:785F	05-290/09:09:23	1TI
68	290 22:40:53	31			CC1PHP	SCAN PLAT SUPL HTR ON			63379:44:785F	05-290/09:09:23	1TI
69	290 22:40:53	31			CC77MRP	MAM OFF			63379:44:785F	05-290/09:09:23	1TI

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70	290 22:40:53	31			DC77PR	NON-PRIME FCP/MEM OFF			63379:44:785F	05-290/09:09:23	1TI
71	290 22:40:53	31			DC77XR	MAM COMMAND DISABLE			63379:44:785F	05-290/09:09:23	1TI
72	290 22:40:53	31				PYRO STATUS			63379:44:785F	05-290/09:09:23	1TI
73	290 22:40:53	31			CC8D	PSU INSTRUMENTATION ON			63379:44:785F	05-290/09:09:23	1TI
74	290 22:40:53	31			DC8XR	PYRO DISABLE			63379:44:785F	05-290/09:09:23	1TI
75	290 22:40:53	31				PROPULSION STATUS			63379:44:785F	05-290/09:09:23	1TI
76	290 22:40:53	31			CC10CRP	TCM HTR OFF			63379:44:785F	05-290/09:09:23	1TI
77	290 22:40:53	31			CC10DR	AP BR1 HTR OFF			63379:44:785F	05-290/09:09:23	1TI
78	290 22:40:53	31			CC10ER	AP BR2 HTR OFF			63379:44:785F	05-290/09:09:23	1TI
79	290 22:40:53	31			CC10TRP	TCM LINE HTRS OFF			63379:44:785F	05-290/09:09:23	1TI
80	290 22:40:53	31				DSS STATUS			63379:44:785F	05-290/09:09:23	1TI
81	290 22:40:53	31			CC16BR	DSS 10 W REPL HTR OFF			63379:44:785F	05-290/09:09:23	1TI
82	290 22:40:53	31			CC16AP	DSS ON			63379:44:785F	05-290/09:09:23	1TI
83	290 22:40:53	31			CC1DR	BAY 2 19 W HTR OFF			63379:44:785F	05-290/09:09:23	1TI
84	290 22:40:53	31			CC16C	7215 DSS CONTROL			63379:44:785F	05-290/09:09:23	1TI
85	290 22:40:53	31				SCIENCE PWR STATUS			63379:44:785F	05-290/09:09:23	1TI
86	290 22:40:53	31			CC1CR	MAG COIL OFF			63379:44:785F	05-290/09:09:23	1TI
87	290 22:40:53	31			CC21A	CRS ON			63379:44:785F	05-290/09:09:23	1TI
88	290 22:40:53	31			CC21B	CRS REPL HTR ON			63379:44:785F	05-290/09:09:23	1TI
89	290 22:40:53	31			CC21CR	CRS SUPP HTR OFF			63379:44:785F	05-290/09:09:23	1TI
90	290 22:40:53	31			CC22A	PRA ON			63379:44:785F	05-290/09:09:23	1TI
91	290 22:40:53	31			CC23A	PWS ON			63379:44:785F	05-290/09:09:23	1TI
92	290 22:40:53	31			CC25A	LECP ON			63379:44:785F	05-290/09:09:23	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
93	290 22:40:53	31			CC25B	LECP STEPPER MOTOR ON			63379:44:785F	05-290/09:09:23	1TI
94	290 22:40:53	31			CC25CR	LECP REPL HTR OFF			63379:44:785F	05-290/09:09:23	1TI
95	290 22:40:53	31			CC25D	LECP MAIN SUPP HTR ON			63379:44:785F	05-290/09:09:23	1TI
96	290 22:40:53	31			CC25E	LECP LEPT SUPP HTR ON			63379:44:785F	05-290/09:09:23	1TI
97	290 22:40:53	31			CC27BR	PPS SUPP HTR OFF			63379:44:785F	05-290/09:09:23	1TI
98	290 22:40:53	31			CC32A	PLS ON			63379:44:785F	05-290/09:09:23	1TI
99	290 22:40:53	31			CC32BR	PLS SUPP HTR OFF			63379:44:785F	05-290/09:09:23	1TI
100	290 22:40:53	31			CC32C	PLS REPL HTR ON			63379:44:785F	05-290/09:09:23	1TI
101	290 22:40:53	31			CC34A	UVS ON			63379:44:785F	05-290/09:09:23	1TI
102	290 22:40:53	31			CC34B	UVS REPL HTR ON			63379:44:785F	05-290/09:09:23	1TI
103	290 22:40:53	31			CC35AR	MAG OFF			63379:44:785F	05-290/09:09:23	1TI
104	290 22:40:53	31			CC35B	MAG STANDBY ON			63379:44:785F	05-290/09:09:23	1TI
105	290 22:40:53	31			CC35GR	MAG SENSOR HTR OFF			63379:44:785F	05-290/09:09:23	1TI
106	290 22:40:53	31			CC36GR	ISS WA VID REPL HTR OFF			63379:44:785F	05-290/09:09:23	1TI
107	290 22:40:53	31			CC36HR	ISS WA ELEC REPL HTR OFF			63379:44:785F	05-290/09:09:23	1TI
108	290 22:40:53	31			CC36CRP	ISS NA OPTICS HTR OFF			63379:44:785F	05-290/09:09:23	1TI
109	290 22:40:53	31			CC36FRP	ISS NA VID REPL HTR OFF			63379:44:785F	05-290/09:09:23	1TI
110	290 22:40:53	31			CC36JP	ISS NA ELEC REPL HTR ON			63379:44:785F	05-290/09:09:23	1TI
111	290 22:40:53	31			CC39D	IRIS REPL HTR ON			63379:44:785F	05-290/09:09:23	1TI
112	290 22:40:53	31			CC39FR	IRIS STANDBY A SUPPLY OFF			63379:44:785F	05-290/09:09:23	1TI
113	290 22:40:53	31			CC39BR	IRIS STANDBY B SUPPLY OFF			63379:44:785F	05-290/09:09:23	1TI
114	290 22:40:53	31				SCIENCE INSTRUMENT STATUS			63379:44:785F	05-290/09:09:23	1TI
115	290 22:40:53	31			SC21AF	01000 CRS CMD WORD			63379:44:785F	05-290/09:09:23	1TI

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT 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	290 22:40:53	31			SC21AF	02000 CRS CMD WORD			63379:44:785F	05-290/09:09:23	1TI
117	290 22:40:53	31			SC21AF	03000 CRS CMD WORD			63379:44:785F	05-290/09:09:23	1TI
118	290 22:40:53	31			SC21AF	04000 CRS CMD WORD			63379:44:785F	05-290/09:09:23	1TI
119	290 22:40:53	31			SC21AF	05300 CRS CMD WORD			63379:44:785F	05-290/09:09:23	1TI
120	290 22:40:53	31			SC21AF	06000 CRS CMD WORD			63379:44:785F	05-290/09:09:23	1TI
121	290 22:40:53	31			SC21AF	07200 CRS CMD WORD			63379:44:785F	05-290/09:09:23	1TI
122	290 22:40:53	31			SC21AF	08200 CRS CMD WORD			63379:44:785F	05-290/09:09:23	1TI
123	290 22:40:53	31			SC21AF	10000 CRS CMD WORD			63379:44:785F	05-290/09:09:23	1TI
124	290 22:40:53	31			SC21AF	11000 CRS CMD WORD			63379:44:785F	05-290/09:09:23	1TI
125	290 22:40:53	31			SC21AF	12000 CRS CMD WORD			63379:44:785F	05-290/09:09:23	1TI
126	290 22:40:53	31			SC21AF	13012 CRS CMD WORD			63379:44:785F	05-290/09:09:23	1TI
127	290 22:40:53	31			SC21AG	CRS HV FLAG			63379:44:785F	05-290/09:09:23	1TI
128	290 22:40:53	31			SC21AH	CRS CAL-ST FLAG			63379:44:785F	05-290/09:09:23	1TI
129	290 22:40:53	31			SC22AF	1347 PRA CONFIGURATION CMD			63379:44:785F	05-290/09:09:23	1TI
130	290 22:40:53	31			SC22NU	0000 PRA MODE SELECT			63379:44:785F	05-290/09:09:23	1TI
131	290 22:40:53	31			SC23AD	5 PWS CMD WORD			63379:44:785F	05-290/09:09:23	1TI
132	290 22:40:53	31			SC25AH	1777 LECP CMD WORD			63379:44:785F	05-290/09:09:23	1TI
133	290 22:40:53	31			SC25AH	2417 LECP CMD WORD			63379:44:785F	05-290/09:09:23	1TI
134	290 22:40:53	31			SC25AH	5600 LECP CMD WORD			63379:44:785F	05-290/09:09:23	1TI
135	290 22:40:53	31			SC25AH	6032 LECP CMD WORD			63379:44:785F	05-290/09:09:23	1TI
136	290 22:40:53	31			SC25AJ	1 LECP MOTOR STEP CMD			63379:44:785F	05-290/09:09:23	1TI
137	290 22:40:53	31			SC25AN	0 LECP NEAR/FAR ENC			63379:44:785F	05-290/09:09:23	1TI
138	290 22:40:53	31			SC25AQ	5200 LECP SAFE CMD			63379:44:785F	05-290/09:09:23	1TI

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139	290 22:40:53	31			SC32AF	2 PLS E1 INT/AMP GAIN			63379:44:785F	05-290/09:09:23	1TI
140	290 22:40:53	31			SC32AG	2 PLS E2 INT/AMP GAIN			63379:44:785F	05-290/09:09:23	1TI
141	290 22:40:53	31			SC32AH	3 PLS M INT/AMP GAIN			63379:44:785F	05-290/09:09:23	1TI
142	290 22:40:53	31			SC32AJ	13 PLS CONFIG CMD			63379:44:785F	05-290/09:09:23	1TI
143	290 22:40:53	31			SC32AK	2 PLS L INT/AMP GAIN			63379:44:785F	05-290/09:09:23	1TI
144	290 22:40:53	31			SC32AL	216 PLS M START WORD 1			63379:44:785F	05-290/09:09:23	1TI
145	290 22:40:53	31			SC32AM	216 PLS M START WORD 2			63379:44:785F	05-290/09:09:23	1TI
146	290 22:40:53	31			SC32AN	2 PLS M MODE			63379:44:785F	05-290/09:09:23	1TI
147	290 22:40:53	31			SC32AP	3 PLS E1 SHRT			63379:44:785F	05-290/09:09:23	1TI
148	290 22:40:53	31			SC32AQ	3 PLS E2 SHRT			63379:44:785F	05-290/09:09:23	1TI
149	290 22:40:53	31			SC32AR	3 PLS L SHORT			63379:44:785F	05-290/09:09:23	1TI
150	290 22:40:53	31			SC32AS	2 PLS E1 LONG			63379:44:785F	05-290/09:09:23	1TI
151	290 22:40:53	31			SC32AT	2 PLS E2 LONG			63379:44:785F	05-290/09:09:23	1TI
152	290 22:40:53	31			SC32AU	2 PLS L LONG			63379:44:785F	05-290/09:09:23	1TI
153	290 22:40:53	31			SC34AE	13 UVS MODE/HV LEVEL			63379:44:785F	05-290/09:09:23	1TI
154	290 22:40:53	31			SC34AF	0 UVS READ OUT FLAG			63379:44:785F	05-290/09:09:23	1TI
155	290 22:40:53	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			63379:44:785F	05-290/09:09:23	1TI
156	290 22:40:53	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			63379:44:785F	05-290/09:09:23	1TI
157	290 22:40:54	31				BEGIN SEQUENCE A057 -- LOCK STAR			63379:45:001F	05-290/09:09:23	1T
158	291 00:00:00	31				VGR-31 OWLT IS 13H 31M 30S					1L
159	291 00:46:59	31	40RISE			10.2 DEGREE RISE DSC-40					1V
160	291 02:25:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0298					1DP
161	291 04:46:41	31	10 SET			10.2 DEGREE SET DSC-10					1V



FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT 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	291 09:40:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0298 (D/L ONLY)					1DP
163	291 09:40:00	31				CFG CODES					1DP
164	291 09:44:14	31	60RISE			10.2 DEGREE RISE DSC-60					1V
165	291 09:51:26	31	40 SET			10.2 DEGREE SET DSC-40					1V
166	291 12:00:00	31				VGR-31 OWLT IS 13H 31M 35S					1L
167	291 15:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0298					1DP
168	291 17:16:50	31	10RISE			10.2 DEGREE RISE DSC-10					1V
169	291 20:52:41	31	60 SET			14.7 DEGREE SET DSC-60					1V
170	291 23:30:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0299 (D/L ONLY)					1DP
171	291 23:30:00	31				CFG CODES					1DP
172	292 00:00:00	31				VGR-31 OWLT IS 13H 31M 40S					1L
173	292 00:43:04	31	40RISE			10.2 DEGREE RISE DSC-40					1V
174	292 03:05:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0299					1DP
175	292 04:42:46	31	10 SET			10.2 DEGREE SET DSC-10					1V
176	292 04:56:55	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
177	292 04:56:55	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
178	292 04:57:43	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
179	292 04:57:43	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

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
180	292 05:00:19	31				BEGIN PWSREC.31			63417:39:001F	05-291/15:28:35	1T
181	292 05:00:19	31			SC32AJ	(10) PLS CONFIG CMD	FDS		63417:39:009F	05-291/15:28:36	1ECf
182	292 05:01:07	31				B- DRGS4B			63417:40:001F	05-291/15:29:23	1TB
183	292 05:01:07	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		63417:40:009F	05-291/15:29:24	1ECf
184	292 05:01:51	31				BEGIN RECORDING PWS DATA			63417:40:734F	05-291/15:30:07	1T
185	292 05:01:51	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		63417:40:735F	05-291/15:30:08	1ECd
186	292 05:01:51	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:2641	DTR		63417:40:735F	05-291/15:30:08	1ESd
187	292 05:01:55	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	63417:41:001F	05-291/15:30:11	1ESf
188	292 05:01:55	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		63417:41:002F	05-291/15:30:12	1ECs
189	292 05:01:56	31				B- DRCRUS			63417:41:018F	05-291/15:30:12	1TB
190	292 05:01:56	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		63417:41:026F	05-291/15:30:13	1ECf

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
191	292 05:02:43	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	63417:42:001F	05-291/15:30:59	1ESf
192	292 05:02:43	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		63417:42:002F	05-291/15:31:00	1ECs
193	292 05:02:43	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		63417:42:002F	05-291/15:31:00	1ECd
194	292 05:02:43	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2933	DTR		63417:42:002F	05-291/15:31:00	1ESd
195	292 05:03:31	31			SC32AJ	(13) PLS CONFIG CMD	FDS		63417:43:010F	05-291/15:31:48	1ECf
196	292 05:03:32	31				END PWSREC.31			63417:43:018F	05-291/15:31:48	1T
197	292 09:40:21	31	60RISE			10.2 DEGREE RISE DSC-60					1V
198	292 09:47:33	31	40 SET			10.2 DEGREE SET DSC-40					1V
199	292 12:00:00	31				VGR-31 OWLT IS 13H 31M 45S					1L
200	292 12:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0299 (D/L ONLY)					1DP
201	292 12:30:00	31				CFG CODES					1DP
202	292 17:12:57	31	10RISE			10.2 DEGREE RISE DSC-10					1V
203	292 18:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0299					1DP
204	292 20:48:49	31	60 SET			14.7 DEGREE SET DSC-60					1V
205	292 21:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0300 (D/L ONLY)					1DP
206	292 21:15:00	31				CFG CODES					1DP
207	293 00:00:00	31				VGR-31 OWLT IS 13H 31M 50S					1L

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT 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	293 00:39:09	31	40RISE			10.2 DEGREE RISE DSC-40					1V
209	293 03:10:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0300					1DP
210	293 04:38:51	31	10 SET			10.2 DEGREE SET DSC-10					1V
211	293 09:36:28	31	60RISE			10.2 DEGREE RISE DSC-60					1V
212	293 09:43:40	31	40 SET			10.2 DEGREE SET DSC-40					1V
213	293 11:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0300 (D/L ONLY)					1DP
214	293 11:15:00	31				CFG CODES					1DP
215	293 12:00:00	31				VGR-31 OWLT IS 13H 31M 55S					1L
216	293 17:09:04	31	10RISE			10.2 DEGREE RISE DSC-10					1V
217	293 17:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0300					1DP
218	293 19:25:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0301 (D/L ONLY)					1DP
219	293 19:25:00	31				CFG CODES					1DP
220	293 20:44:57	31	60 SET			14.7 DEGREE SET DSC-60					1V
221	294 00:00:00	31				VGR-31 OWLT IS 13H 32M 00S					1L
222	294 00:35:14	31	40RISE			10.2 DEGREE RISE DSC-40					1V
223	294 02:55:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0301					1DP
224	294 04:34:56	31	10 SET			10.2 DEGREE SET DSC-10					1V
225	294 09:32:35	31	60RISE			10.2 DEGREE RISE DSC-60					1V
226	294 09:39:46	31	40 SET			10.2 DEGREE SET DSC-40					1V
227	294 11:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0301 (D/L ONLY)					1DP
228	294 11:05:00	31				CFG CODES					1DP
229	294 12:00:00	31				VGR-31 OWLT IS 13H 32M 05S					1L

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT 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	294 16:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0301					1DP
231	294 17:05:10	31	10RISE			10.2 DEGREE RISE DSC-10					1V
232	294 18:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0302 (D/L ONLY)					1DP
233	294 18:45:00	31				CFG CODES					1DP
234	294 20:41:04	31	60 SET			14.7 DEGREE SET DSC-60					1V
235	294 22:55:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0302					1DP
236	295 00:00:00	31				VGR-31 OWLT IS 13H 32M 10S					1L
237	295 00:31:19	31	40RISE			10.2 DEGREE RISE DSC-40					1V
238	295 04:31:01	31	10 SET			10.2 DEGREE SET DSC-10					1V
239	295 08:00:01	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		63511:23:002F	05-294/18:27:48	1ECd
240	295 08:00:01	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2940	DTR		63511:23:002F	05-294/18:27:48	1ESd
241	295 09:08:42	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		63512:48:674F	05-294/19:36:28	1ECd
242	295 09:08:42	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1456	DTR		63512:48:674F	05-294/19:36:28	1ESd
243	295 09:28:42	31	60RISE			10.2 DEGREE RISE DSC-60					1V
244	295 09:35:53	31	40 SET			10.2 DEGREE SET DSC-40					1V
245	295 10:57:27	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
246	295 10:57:27	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

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
247	295 10:58:15	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
248	295 10:58:15	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
249	295 11:00:03	31			CC16C	(7026) DTR STATE SELECT: READY	DTR		63515:08:002F	05-294/21:27:48	1ECd
250	295 11:00:03	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1456	DTR		63515:08:002F	05-294/21:27:48	1ESd
251	295 11:00:51	31			SC32AJ	(10) PLS CONFIG CMD	FDS		63515:09:009F	05-294/21:28:36	1ECf
252	295 11:00:52	31				AHEL11 PWSREC 08			63515:09:018F	05-294/21:28:36	1T
253	295 11:00:52	31				B- PWSREC.31			63515:09:018F	05-294/21:28:36	1TB
254	295 11:00:52	31				BEGIN PWSREC.31			63515:09:018F	05-294/21:28:36	1T
255	295 11:01:39	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		63515:10:009F	05-294/21:29:24	1ECf
256	295 11:01:40	31				B- DRGS4B			63515:10:018F	05-294/21:29:24	1TB
257	295 11:02:23	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		63515:10:735F	05-294/21:30:08	1ECd
258	295 11:02:23	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:1456	DTR		63515:10:735F	05-294/21:30:08	1ESd
259	295 11:02:24	31				BEGIN RECORDING PWS DATA			63515:10:751F	05-294/21:30:08	1T

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
260	295 11:02:27	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	63515:11:001F	05-294/21:30:11	1ESf
261	295 11:02:27	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		63515:11:002F	05-294/21:30:12	1ECs
262	295 11:02:28	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		63515:11:026F	05-294/21:30:13	1ECf
263	295 11:02:29	31				B- DRCRUS			63515:11:034F	05-294/21:30:13	1TB
264	295 11:03:15	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	63515:12:001F	05-294/21:30:59	1ESf
265	295 11:03:15	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		63515:12:002F	05-294/21:31:00	1ECd
266	295 11:03:15	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1164	DTR		63515:12:002F	05-294/21:31:00	1ESd
267	295 11:03:15	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		63515:12:002F	05-294/21:31:00	1ECs
268	295 11:04:03	31			SC32AJ	(13) PLS CONFIG CMD	FDS		63515:13:009F	05-294/21:31:48	1ECf
269	295 11:04:05	31				END PWSREC.31			63515:13:034F	05-294/21:31:49	1T
270	295 11:40:03	31			AC7SSB	(4 +150) SS BIAS CONTROL --- YAW	AACS		63515:58:003F	05-294/22:07:48	1ECa

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT 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	295 12:00:00	31				VGR-31 OWLT IS 13H 32M 15S					1L
272	295 12:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0302 (D/L ONLY)					1DP
273	295 12:35:00	31				CFG CODES					1DP
274	295 13:09:40	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		63517:50:002F	05-294/23:37:24	1ECd
275	295 13:09:40	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1157	DTR		63517:50:002F	05-294/23:37:24	1ESd
276	295 14:32:11	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		63519:33:111F	05-295/00:59:54	1ECd
277	295 14:32:11	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2940	DTR		63519:33:111F	05-295/00:59:54	1ESd
278	295 16:09:41	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		63521:35:002F	05-295/02:37:24	1ECd
279	295 16:09:41	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2940	DTR		63521:35:002F	05-295/02:37:24	1ESd
280	295 17:01:17	31	10RISE			10.2 DEGREE RISE DSC-10					1V
281	295 18:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0302					1DP
282	295 18:40:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0303 (D/L ONLY)					1DP
283	295 18:40:00	31				CFG CODES					1DP
284	295 20:37:10	31	60 SET			14.7 DEGREE SET DSC-60					1V
285	296 00:00:00	31				VGR-31 OWLT IS 13H 32M 20S					1L
286	296 00:05:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0303					1DP



FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
287	296 00:27:24	31	40RISE			10.2 DEGREE RISE DSC-40					1V
288	296 04:27:07	31	10 SET			10.2 DEGREE SET DSC-10					1V
289	296 09:24:49	31	60RISE			10.2 DEGREE RISE DSC-60					1V
290	296 09:32:00	31	40 SET			10.2 DEGREE SET DSC-40					1V
291	296 09:39:24	31			AC7SSB	(3 +015) SS BIAS CONTROL - PITCH	AACS		63543:27:003F	05-295/20:07:00	1ECa
292	296 10:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0303 (D/L ONLY)					1DP
293	296 10:50:00	31				CFG CODES					1DP
294	296 12:00:00	31				VGR-31 OWLT IS 13H 32M 25S					1L
295	296 16:57:24	31	10RISE			10.2 DEGREE RISE DSC-10					1V
296	296 18:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0303					1DP
297	296 18:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0304 (D/L ONLY)					1DP
298	296 18:30:00	31				CFG CODES					1DP
299	296 20:33:18	31	60 SET			14.7 DEGREE SET DSC-60					1V
300	297 00:00:00	31				VGR-31 OWLT IS 13H 32M 30S					1L
301	297 00:23:29	31	40RISE			10.2 DEGREE RISE DSC-40					1V
302	297 02:50:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0304					1DP
303	297 04:23:12	31	10 SET			10.2 DEGREE SET DSC-10					1V
304	297 09:20:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0304 (D/L ONLY)					1DP
305	297 09:20:00	31				CFG CODES					1DP
306	297 09:20:56	31	60RISE			10.2 DEGREE RISE DSC-60					1V
307	297 09:28:07	31	40 SET			10.2 DEGREE SET DSC-40					1V
308	297 12:00:00	31				VGR-31 OWLT IS 13H 32M 34S					1L

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
309	297 13:25:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-0304 (D/L ONLY)					1DP
310	297 13:25:00	31				CFG CODES					1DP
311	297 13:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0304					1DP
312	297 16:20:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-0304					1DP
313	297 16:53:31	31	10RISE			10.2 DEGREE RISE DSC-10					1V
314	297 20:00:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0305 (D/L ONLY)					1DP
315	297 20:00:00	31				CFG CODES					1DP
316	297 20:29:26	31	60 SET			14.7 DEGREE SET DSC-60					1V
317	298 00:00:00	31				VGR-31 OWLT IS 13H 32M 39S					1L
318	298 00:19:34	31	40RISE			10.2 DEGREE RISE DSC-40					1V
319	298 02:35:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0305					1DP
320	298 04:19:17	31	10 SET			10.2 DEGREE SET DSC-10					1V
321	298 09:17:03	31	60RISE			10.2 DEGREE RISE DSC-60					1V
322	298 09:24:14	31	40 SET			10.2 DEGREE SET DSC-40					1V
323	298 12:00:00	31				VGR-31 OWLT IS 13H 32M 44S					1L
324	298 16:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0305 (D/L ONLY)					1DP
325	298 16:00:00	31				CFG CODES					1DP
326	298 16:49:37	31	10RISE			10.2 DEGREE RISE DSC-10					1V
327	298 18:45:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0306 (D/L ONLY)					1DP
328	298 18:45:00	31				CFG CODES					1DP
329	298 19:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0305					1DP



FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
348	298 19:34:11	31				MISCMD -			63615:50:001F	05-298/06:01:23	1T
349	298 19:34:11	31				B- MISCMD			63615:50:001F	05-298/06:01:23	1TB
350	298 19:34:11	31				MISCMD -			63615:50:001F	05-298/06:01:23	1T
351	298 19:34:11	31			SC06PV	(8005) FDS TREE SWITCH ID CCS MEMORY READ OUT	FDS		63615:50:009F	05-298/06:01:24	1ECf
352	298 19:34:12	31			SC06BB	(53 0 02 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CCS MEM R/O AACS READOUT MODE : TELEMETRY	FDS		63615:50:020F	05-298/06:01:25	1ECf
353	298 19:34:59	31				B- PASS.3			63615:51:001F	05-298/06:02:11	1TB
354	298 19:34:59	31		ACE OPCH			FDS	CR-5T	63615:51:001F	05-298/06:02:11	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
355	298 19:35:47	31				B- PASS.3			63615:52:001F	05-298/06:02:59	1TB
356	298 19:35:47	31				B- MISCMD			63615:52:001F	05-298/06:02:59	1TB
357	298 19:35:47	31				MISCMD - CR-5			63615:52:001F	05-298/06:02:59	1T
358	298 19:35:47	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		63615:52:009F	05-298/06:03:00	1ECf
359	298 19:36:35	31		ACE OPCH			FDS	CR-5T	63615:53:001F	05-298/06:03:47	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
360	298 19:54:47	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
361	298 19:59:47	31				B- MISCMD			63616:22:001F	05-298/06:26:59	1TB

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
362	298 19:59:47	31				MISCMD - X-B RNG OFF			63616:22:001F	05-298/06:26:59	1T
363	298 19:59:47	31			DC2NR	X-BAND RANGING OFF	RFS		63616:22:002F	05-298/06:26:59	1ECr
364	298 20:25:34	31	60 SET			14.7 DEGREE SET DSC-60					1V
365	298 23:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0306 (D/L ONLY)					1DP
366	298 23:30:00	31				CFG CODES					1DP
367	299 00:00:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0306					1DP
368	299 00:00:00	31				VGR-31 OWLT IS 13H 32M 49S					1L
369	299 00:15:39	31	40RISE			10.2 DEGREE RISE DSC-40					1V
370	299 01:50:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0306					1DP
371	299 04:15:22	31	10 SET			10.2 DEGREE SET DSC-10					1V
372	299 04:34:02	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
373	299 04:34:02	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
374	299 04:34:50	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
375	299 04:34:50	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
376	299 04:37:26	31				BEGIN PWSREC.31			63627:09:001F	05-298/15:04:35	1T
377	299 04:37:26	31			SC32AJ	(10) PLS CONFIG CMD	FDS		63627:09:009F	05-298/15:04:36	1ECf
378	299 04:38:14	31				B- DRGS4B			63627:10:001F	05-298/15:05:23	1TB

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT 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	299 04:38:14	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		63627:10:009F	05-298/15:05:24	1ECf
380	299 04:38:58	31				BEGIN RECORDING PWS DATA			63627:10:734F	05-298/15:06:07	1T
381	299 04:38:58	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		63627:10:735F	05-298/15:06:08	1ECd
382	299 04:38:58	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:2940	DTR		63627:10:735F	05-298/15:06:08	1ESd
383	299 04:39:02	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	63627:11:001F	05-298/15:06:11	1ESf
384	299 04:39:02	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		63627:11:002F	05-298/15:06:12	1ECs
385	299 04:39:03	31				B- DRCRUS			63627:11:018F	05-298/15:06:12	1TB
386	299 04:39:03	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		63627:11:026F	05-298/15:06:13	1ECf
387	299 04:39:50	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	63627:12:001F	05-298/15:06:59	1ESf
388	299 04:39:50	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		63627:12:002F	05-298/15:07:00	1ECd

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
389	299 04:39:50	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:3232	DTR		63627:12:002F	05-298/15:07:00	1ESd
390	299 04:39:50	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		63627:12:002F	05-298/15:07:00	1ECs
391	299 04:40:38	31			SC32AJ	(13) PLS CONFIG CMD	FDS		63627:13:010F	05-298/15:07:48	1ECF
392	299 04:40:39	31				END PWSREC.31			63627:13:018F	05-298/15:07:48	1T
393	299 09:13:10	31	60RISE			10.2 DEGREE RISE DSC-60					1V
394	299 09:20:21	31	40 SET			10.2 DEGREE SET DSC-40					1V
395	299 12:00:00	31				VGR-31 OWLT IS 13H 32M 53S					1L
396	299 12:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0306 (D/L ONLY)					1DP
397	299 12:15:00	31				CFG CODES					1DP
398	299 16:45:44	31	10RISE			10.2 DEGREE RISE DSC-10					1V
399	299 18:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0306					1DP
400	299 18:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0307 (D/L ONLY)					1DP
401	299 18:30:00	31				CFG CODES					1DP
402	299 18:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0307 (D/L ONLY)					1DP
403	299 18:30:00	31				CFG CODES					1DP
404	299 18:31:56	31				TAPPOS-1705			63644:32:001F	05-299/04:58:59	1T
405	299 18:31:56	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		63644:32:001F	05-299/04:58:59	1ECd





FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
423	299 21:15:57	31			AC7PAR	(6741 000740) +YAW DB=.05 DEG	AACS		63647:57:004F	05-299/07:43:00	1ECa
424	299 21:19:45	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
425	299 21:19:45	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=39 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
426	299 21:19:45	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
427	299 21:23:57	31				B- DRPBDB.31			63648:07:001F	05-299/07:50:59	1TB
428	299 21:23:57	31				BEGIN DDPB1431			63648:07:001F	05-299/07:50:59	1T
429	299 21:23:57	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		63648:07:009F	05-299/07:51:00	1ECf
430	299 21:24:45	31				BEGIN PLAYBACK			63648:08:001F	05-299/07:51:47	1T
431	299 21:24:45	31		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PA/FDS11	FDS	PB-14	63648:08:001F	05-299/07:51:47	1ESF
432	299 21:24:45	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		63648:08:002F	05-299/07:51:48	1ECs
433	299 21:24:45	31			CC6AD	(3 2 0 2) SVC-W4 FDS MEM B WRT PROTECT	FDS		63648:08:003F	05-299/07:51:48	1ECf
434	299 21:24:45	31		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PA/FDS11	FDS	PB-14	63648:08:003F	05-299/07:51:48	1ESF
435	299 21:24:45	31			CC16C	(1210) DTR STATE SELECT:PLAYBACK	DTR		63648:08:005F	05-299/07:51:48	1ECd

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FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
436	299 21:24:45	31				DTR STATUS MODE:PLAY RATE:007.2K DIR:F TRK:3 TIC:1704	DTR		63648:08:005F	05-299/07:51:48	1ESd
437	299 21:24:46	31				END DDPB1431			63648:08:018F	05-299/07:51:48	1T
438	299 22:51:50	31			EOT	END OF TAPE			63649:56:678F	05-299/09:18:52	1Ed
439	299 22:51:50	31			EOT	END OF TAPE			63649:56:681F	05-299/09:18:52	1Ed
440	300 00:00:00	31				VGR-31 OWLT IS 13H 32M 58S					1L
441	300 00:11:44	31	40RISE			10.2 DEGREE RISE DSC-40					1V
442	300 01:28:35	31			BOT	BEGIN OF TAPE			63653:12:620F	05-299/11:55:37	1Ed
443	300 01:28:35	31			BOT	BEGIN OF TAPE			63653:12:624F	05-299/11:55:37	1Ed
444	300 03:54:59	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
445	300 03:54:59	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
446	300 03:54:59	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
447	300 03:59:11	31				B- DRCSR			63656:21:001F	05-299/14:26:11	1TB
448	300 03:59:11	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		63656:21:009F	05-299/14:26:12	1ECf
449	300 03:59:59	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	63656:22:001F	05-299/14:26:59	1ESf

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
450	300 03:59:59	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		63656:22:002F	05-299/14:27:00	1ECs
451	300 03:59:59	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		63656:22:002F	05-299/14:27:00	1ECd
452	300 03:59:59	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:3469	DTR		63656:22:002F	05-299/14:27:00	1ESd
453	300 03:59:59	31			CC6AD	(3 2 0 0) SVC-W4 FDS MEM B WRT PROTECT	FDS		63656:22:003F	05-299/14:27:00	1ECf
454	300 03:59:59	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	63656:22:003F	05-299/14:27:00	1ESf
455	300 04:00:00	31				END PLAYBACK			63656:22:018F	05-299/14:27:00	1T
456	300 04:11:28	31	10	SET		10.2 DEGREE SET DSC-10					1V
457	300 04:14:24	31				B- YAWDB			63656:40:001F	05-299/14:41:23	1TB
458	300 04:14:24	31				YAWDB - .10			63656:40:001F	05-299/14:41:23	1T
459	300 04:14:24	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		63656:40:004F	05-299/14:41:24	1ECa
460	300 04:20:00	31	25	LOS OPCH ACE		LOS DSS-25 PASS-0307					1DP
461	300 04:20:00	31	14	LOS OPCH ACE		LOS DSS-14 PASS-0307					1DP
462	300 09:09:17	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
463	300 09:16:28	31	40	SET		10.2 DEGREE SET DSC-40					1V
464	300 10:40:00	31	65	AOS OPCH ACE		AOS DSS-65 PASS-0307 (D/L ONLY)					1DP
465	300 10:40:00	31				CFG CODES					1DP
466	300 12:00:00	31				VGR-31 OWLT IS 13H 33M 03S					1L

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
467	300 12:59:15	31			AC7SSB	(4 +151) SS BIAS CONTROL --- YAW	AACS		63667:36:003F	05-299/23:26:12	1ECa
468	300 16:41:51	31	10RISE			10.2 DEGREE RISE DSC-10					1V
469	300 16:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0307					1DP
470	300 18:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0308 (D/L ONLY)					1DP
471	300 18:15:00	31				CFG CODES					1DP
472	300 19:48:06	31				TAPPOS-0550			63676:07:001F	05-300/06:14:59	1T
473	300 19:48:06	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		63676:07:001F	05-300/06:14:59	1ECd
474	300 19:48:06	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3470	DTR		63676:07:001F	05-300/06:14:59	1ESd
475	300 20:17:48	31	60 SET			14.7 DEGREE SET DSC-60					1V
476	300 22:03:14	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		63678:55:739F	05-300/08:30:08	1ECd
477	300 22:03:14	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0550	DTR		63678:55:739F	05-300/08:30:08	1ESd
478	300 22:36:07	31				FWD/TRK 1			63679:37:001F	05-300/09:02:59	1T
479	300 22:36:07	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		63679:37:001F	05-300/09:02:59	1ECd
480	300 22:36:07	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0550	DTR		63679:37:001F	05-300/09:02:59	1ESd
481	300 22:36:08	31				END DAIN31			63679:37:018F	05-300/09:03:00	1T
482	301 00:00:00	31				VGR-31 OWLT IS 13H 33M 07S					1L
483	301 00:07:49	31	40RISE			10.2 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
484	301 02:25:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0308					1DP
485	301 04:07:33	31	10 SET			10.2 DEGREE SET DSC-10					1V
486	301 09:05:24	31	60RISE			10.2 DEGREE RISE DSC-60					1V
487	301 09:12:35	31	40 SET			10.2 DEGREE SET DSC-40					1V
488	301 10:25:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0308 (D/L ONLY)					1DP
489	301 10:25:00	31				CFG CODES					1DP
490	301 12:00:00	31				VGR-31 OWLT IS 13H 33M 12S					1L
491	301 16:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0308					1DP
492	301 16:37:58	31	10RISE			10.2 DEGREE RISE DSC-10					1V
493	301 18:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0309 (D/L ONLY)					1DP
494	301 18:30:00	31				CFG CODES					1DP
495	301 20:13:56	31	60 SET			14.7 DEGREE SET DSC-60					1V
496	301 20:33:51	31				B- GYONBC.31			63707:04:001F	05-301/07:00:35	1TB
497	301 20:33:51	31				BEGIN GYONBC31			63707:04:001F	05-301/07:00:35	1T
498	301 20:33:51	31			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		63707:04:003F	05-301/07:00:36	1ECa
499	301 20:33:51	31			CC7GARP	GYRO A OFF	PWR		63707:04:004F	05-301/07:00:36	1ECp
500	301 20:33:51	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS	63707:04:004F	05-301/07:00:36	1ESa	
501	301 20:33:51	31			CC7GARP	GYRO A OFF	PWR		63707:04:006F	05-301/07:00:36	1ECp
502	301 20:33:51	31			CC7PC	(352) GYRO A OFF	AACS		63707:04:008F	05-301/07:00:36	1ECa

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
503	301 20:33:51	31			CC7GCP	GYRO C ON	PWR		63707:04:009F	05-301/07:00:36	1ECp
504	301 20:33:51	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: ON	AACS	63707:04:009F	05-301/07:00:36	1ESa	
505	301 20:33:52	31			CC7GCP	GYRO C ON	PWR		63707:04:011F	05-301/07:00:36	1ECp
506	301 20:33:52	31			CC7PC	(373) GYRO C ON	AACS		63707:04:013F	05-301/07:00:36	1ECa
507	301 20:33:52	31			CC7GBP	GYRO B ON	PWR		63707:04:013F	05-301/07:00:36	1ECp
508	301 20:33:52	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	63707:04:013F	05-301/07:00:36	1ESa	
509	301 20:33:52	31			CC7GBP	GYRO B ON	PWR		63707:04:016F	05-301/07:00:36	1ECp
510	301 20:33:52	31			CC7PC	(363) GYRO B ON	AACS		63707:04:018F	05-301/07:00:36	1ECa
511	301 20:34:20	31				DRIRU INITIALIZATION			63707:04:484F	05-301/07:01:04	1T
512	301 20:34:21	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		63707:04:502F	05-301/07:01:06	1ECa
513	301 20:34:50	31				SET CALIB			63707:05:184F	05-301/07:01:34	1T
514	301 20:34:51	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		63707:05:204F	05-301/07:01:36	1ECa
515	301 20:43:50	31				START GYRO FAULT TEST			63707:16:384F	05-301/07:10:34	1T
516	301 20:43:51	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		63707:16:402F	05-301/07:10:36	1ECa
517	301 20:43:52	31				END GYONBC31			63707:16:418F	05-301/07:10:36	1T
518	301 21:33:51	31				B- CCSTIMB			63708:19:001F	05-301/08:00:35	1TB
519	301 21:33:51	31				EXECUTE CCSTIMB FINE			63708:19:001F	05-301/08:00:35	1T
520	302 00:00:00	31				VGR-31 OWLT IS 13H 33M 16S					1L



FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT 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	302 10:37:08	31			CC16C	(7026) DTR STATE SELECT: READY	DTR		63724:38:002F	05-301/21:03:48	1ECd
537	302 10:37:08	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1158	DTR		63724:38:002F	05-301/21:03:48	1ESd
538	302 10:37:56	31			SC32AJ	(10) PLS CONFIG CMD	FDS		63724:39:009F	05-301/21:04:36	1ECf
539	302 10:37:57	31				AHEL11 PWSREC 09			63724:39:018F	05-301/21:04:36	1T
540	302 10:37:57	31				B- PWSREC.31			63724:39:018F	05-301/21:04:36	1TB
541	302 10:37:57	31				BEGIN PWSREC.31			63724:39:018F	05-301/21:04:36	1T
542	302 10:38:44	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		63724:40:009F	05-301/21:05:24	1ECf
543	302 10:38:45	31				B- DRGS4B			63724:40:018F	05-301/21:05:24	1TB
544	302 10:39:28	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		63724:40:735F	05-301/21:06:08	1ECd
545	302 10:39:28	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:1158	DTR		63724:40:735F	05-301/21:06:08	1ESd
546	302 10:39:29	31				BEGIN RECORDING PWS DATA			63724:40:751F	05-301/21:06:08	1T
547	302 10:39:32	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	63724:41:001F	05-301/21:06:11	1ESf
548	302 10:39:32	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		63724:41:002F	05-301/21:06:12	1ECs



FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
549	302 10:39:33	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		63724:41:026F	05-301/21:06:13	1ECf
550	302 10:39:34	31				B- DRCRUS			63724:41:034F	05-301/21:06:13	1TB
551	302 10:40:20	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	63724:42:001F	05-301/21:06:59	1ESf
552	302 10:40:20	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		63724:42:002F	05-301/21:06:59	1ECs
553	302 10:40:20	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		63724:42:002F	05-301/21:07:00	1ECd
554	302 10:40:20	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0865	DTR		63724:42:002F	05-301/21:07:00	1ESd
555	302 10:41:08	31			SC32AJ	(13) PLS CONFIG CMD	FDS		63724:43:009F	05-301/21:07:48	1ECf
556	302 10:41:10	31				END PWSREC.31			63724:43:034F	05-301/21:07:49	1T
557	302 12:00:00	31				VGR-31 OWLT IS 13H 33M 21S					1L
558	302 12:46:45	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		63727:20:002F	05-301/23:13:24	1ECd
559	302 12:46:45	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:0859	DTR		63727:20:002F	05-301/23:13:24	1ESd
560	302 13:01:01	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		63727:37:663F	05-301/23:27:39	1ECd

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
561	302 13:01:01	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0550	DTR		63727:37:663F	05-301/23:27:39	1ESd
562	302 15:46:46	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		63731:05:002F	05-302/02:13:24	1ECd
563	302 15:46:46	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0550	DTR		63731:05:002F	05-302/02:13:24	1ESd
564	302 16:34:05	31	10RISE			10.2 DEGREE RISE DSC-10					1V
565	302 16:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0309					1DP
566	302 18:20:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0310 (D/L ONLY)					1DP
567	302 18:20:00	31				CFG CODES					1DP
568	302 20:10:04	31	60 SET			14.7 DEGREE SET DSC-60					1V
569	303 00:00:00	31				VGR-31 OWLT IS 13H 33M 25S					1L
570	303 00:00:00	31	40RISE			10.2 DEGREE RISE DSC-40					1V
571	303 02:20:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0310					1DP
572	303 03:59:44	31	10 SET			10.2 DEGREE SET DSC-10					1V
573	303 08:57:38	31	60RISE			10.2 DEGREE RISE DSC-60					1V
574	303 09:04:49	31	40 SET			10.2 DEGREE SET DSC-40					1V
575	303 09:05:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0310 (D/L ONLY)					1DP
576	303 09:05:00	31				CFG CODES					1DP
577	303 12:00:00	31				VGR-31 OWLT IS 13H 33M 30S					1L
578	303 13:40:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-0310 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
579	303 13:40:00	31				CFG CODES					1DP
580	303 14:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0310					1DP
581	303 15:55:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-0310					1DP
582	303 16:30:12	31	10RISE			10.2 DEGREE RISE DSC-10					1V
583	303 18:10:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0311 (D/L ONLY)					1DP
584	303 18:10:00	31				CFG CODES					1DP
585	303 20:06:09	31	60 SET			14.7 DEGREE SET DSC-60					1V
586	303 23:56:05	31	40RISE			10.2 DEGREE RISE DSC-40					1V
587	304 00:00:00	31				VGR-31 OWLT IS 13H 33M 34S					1L
588	304 02:20:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0311					1DP
589	304 03:55:49	31	10 SET			10.2 DEGREE SET DSC-10					1V
590	304 08:53:45	31	60RISE			10.2 DEGREE RISE DSC-60					1V
591	304 09:00:56	31	40 SET			10.2 DEGREE SET DSC-40					1V
592	304 10:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0311 (D/L ONLY)					1DP
593	304 10:15:00	31				CFG CODES					1DP
594	304 12:00:00	31				VGR-31 OWLT IS 13H 33M 39S					1L
595	304 16:26:19	31	10RISE			10.2 DEGREE RISE DSC-10					1V
596	304 17:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0311					1DP
597	304 19:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0312 (D/L ONLY)					1DP
598	304 19:15:00	31				CFG CODES					1DP
599	304 20:02:17	31	60 SET			14.6 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
600	304 23:06:19	31			AC7SSB	(3 +014) SS BIAS CONTROL - PITCH	AACS		63800:14:003F	05-304/09:32:36	1ECa
601	304 23:40:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0312 (D/L ONLY)					1DP
602	304 23:40:00	31				CFG CODES					1DP
603	304 23:52:11	31	40RISE			10.2 DEGREE RISE DSC-40					1V
604	305 00:00:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0312					1DP
605	305 00:00:00	31				VGR-31 OWLT IS 13H 33M 43S					1L
606	305 02:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0312					1DP
607	305 03:51:55	31	10 SET			10.2 DEGREE SET DSC-10					1V
608	305 08:40:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0312 (U/L PASS)					1DP
609	305 08:49:52	31	60RISE			10.2 DEGREE RISE DSC-60					1V
610	305 08:57:03	31	40 SET			10.2 DEGREE SET DSC-40					1V
611	305 12:00:00	31				VGR-31 OWLT IS 13H 33M 48S					1L
612	305 14:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0312					1DP
613	305 14:18:25	31			AC7SSB	(4 +152) SS BIAS CONTROL --- YAW	AACS		63819:14:003F	05-305/00:44:36	1ECa
614	305 16:10:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0313 (D/L ONLY)					1DP
615	305 16:10:00	31				CFG CODES					1DP
616	305 16:22:26	31	10RISE			10.2 DEGREE RISE DSC-10					1V
617	305 19:58:25	31	60 SET			14.6 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
618	305 21:19:27	31	14	TRK DSS		<pre> ASCAL PREP ===== ANTENNA DRIVE TO PRECISION ONE (70 METER STATION ONLY) PRIME DATA SOURCE=X BAND AGC ===== TURN CONSCAN -----&gt; OFF (IF ON)                     </pre>					1TD
619	305 21:30:15	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<<					1ESf
620	305 21:30:15	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<<					11EC
621	305 21:34:27	31				B- ASCAL			63828:19:001F	05-305/08:00:35	1TB
622	305 21:34:27	31				B- DREL40			63828:19:001F	05-305/08:00:35	1TB
623	305 21:34:27	31			SC06BB	<pre> (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                     </pre>	FDS		63828:19:009F	05-305/08:00:36	1ECf
624	305 21:34:27	31	14	OPCH 14		<pre> START ASCAL ===== DSS-14:  MONITOR X-BD AGC VARIATIONS DURING ASCAL IF X-BD RCVR DROPS LOCK INITIATE AUTO ACQUIRE                     </pre>					1TD
625	305 21:35:15	31		ACE OPCH		<pre> FDS STATUS EL-40/X40/S40 MEM:PA/FDS11                     </pre>	FDS	CE-40	63828:20:001F	05-305/08:01:23	1ESf

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT 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	305 21:35:15	31			CC3A	(30310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		63828:20:002F	05-305/08:01:23	1ECs
627	305 21:50:27	31				.05 ALL AXES DEADBAND			63828:39:001F	05-305/08:16:35	1T
628	305 21:50:27	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		63828:39:003F	05-305/08:16:36	1ECa
629	305 22:06:27	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		63828:59:002F	05-305/08:32:36	1ECa
630	305 22:06:27	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		63828:59:002F	05-305/08:32:36	1ESa
631	305 22:06:27	31			CC7GARP	GYRO A OFF	PWR		63828:59:003F	05-305/08:32:36	1ECp
632	305 22:06:27	31			CC7GARP	GYRO A OFF	PWR		63828:59:005F	05-305/08:32:36	1ECp
633	305 22:06:27	31			CC7PC	(352) GYRO A OFF	AACS		63828:59:007F	05-305/08:32:36	1ECa
634	305 22:06:27	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		63828:59:007F	05-305/08:32:36	1ECp
635	305 22:06:27	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		63828:59:010F	05-305/08:32:36	1ECp
636	305 22:06:28	31			CC7PC	(312) DUMMY PWR CMD	AACS		63828:59:012F	05-305/08:32:36	1ECa
637	305 22:07:14	31	14	OPCH 14		ASCAL =====					1TD
638	305 22:07:15	31				START FIRST YAW DRIFT TURN			63829:00:001F	05-305/08:33:23	1T
639	305 22:07:15	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		63829:00:003F	05-305/08:33:24	1ECa
640	305 22:11:15	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		63829:05:003F	05-305/08:37:24	1ECa
641	305 22:19:16	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		63829:15:003F	05-305/08:45:24	1ECa

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
642	305 22:23:15	31	14	OPCH 14		ASCAL =====					1TD
643	305 22:23:16	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		63829:20:003F	05-305/08:49:24	1ECa
644	305 22:23:17	31				END THIRD YAW DRIFT TURN			63829:20:018F	05-305/08:49:24	1T
645	305 22:24:02	31	14	OPCH 14		ASCAL =====					1TD
646	305 22:24:04	31				START FIRST PITCH DRIFT TURN			63829:21:001F	05-305/08:50:11	1T
647	305 22:24:04	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		63829:21:003F	05-305/08:50:12	1ECa
648	305 22:28:04	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		63829:26:003F	05-305/08:54:12	1ECa
649	305 22:36:04	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		63829:36:003F	05-305/09:02:12	1ECa
650	305 22:40:03	31	14	OPCH 14		ASCAL =====					1TD
651	305 22:40:04	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		63829:41:003F	05-305/09:06:12	1ECa
652	305 22:40:05	31				END THIRD PITCH DRIFT TURN			63829:41:018F	05-305/09:06:12	1T
653	305 22:41:40	31			CC7SS	(1) SS SEARCH ENABLE	AACS		63829:43:001F	05-305/09:07:47	1ECa
654	305 22:41:40	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	63829:43:001F	05-305/09:07:47	1ESa	
655	305 22:41:40	31			CC7PC	(327) IDET ACQUIRED	AACS		63829:43:002F	05-305/09:07:48	1ECa
656	305 22:41:40	31			CC7GARP	GYRO A OFF	PWR		63829:43:003F	05-305/09:07:48	1ECp

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
657	305 22:41:40	31			CC7GARP	GYRO A OFF	PWR		63829:43:005F	05-305/09:07:48	1ECp
658	305 22:41:40	31			CC7PC	(352) GYRO A OFF	AACS		63829:43:007F	05-305/09:07:48	1ECa
659	305 22:41:40	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		63829:43:008F	05-305/09:07:48	1ECp
660	305 22:41:40	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		63829:43:010F	05-305/09:07:48	1ECp
661	305 22:41:41	31			CC7PC	(312) DUMMY PWR CMD	AACS		63829:43:012F	05-305/09:07:48	1ECa
662	305 22:42:16	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
663	305 22:42:16	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
664	305 22:43:16	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		63829:45:001F	05-305/09:09:23	1ECa
665	305 22:44:21	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	63829:46:285F	05-305/09:10:28	1ESa	
666	305 22:44:21	31			CC7PC	(307) STAR ACQUIRED	AACS		63829:46:285F	05-305/09:10:28	1ECa
667	305 22:44:21	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		63829:46:286F	05-305/09:10:29	1ECp
668	305 22:44:21	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		63829:46:288F	05-305/09:10:29	1ECp
669	305 22:44:21	31			CC7PC	(312) DUMMY PWR CMD	AACS		63829:46:290F	05-305/09:10:29	1ECa
670	305 22:46:28	31				B- DRCRUS			63829:49:001F	05-305/09:12:35	1TB
671	305 22:46:28	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	63829:49:009F	05-305/09:12:36	1ECf	



FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
672	305 22:47:16	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	63829:50:001F	05-305/09:13:23	1ESf
673	305 22:47:16	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		63829:50:002F	05-305/09:13:23	1ECs
674	305 22:52:52	31				B- YAWDB			63829:57:001F	05-305/09:18:59	1TB
675	305 22:52:52	31				YAWDB - .10			63829:57:001F	05-305/09:18:59	1T
676	305 22:52:52	31				B- ROLLDB			63829:57:001F	05-305/09:18:59	1TB
677	305 22:52:52	31				ROLLDB - .25			63829:57:001F	05-305/09:18:59	1T
678	305 22:52:52	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		63829:57:003F	05-305/09:19:00	1ECa
679	305 22:52:52	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		63829:57:005F	05-305/09:19:00	1ECa
680	305 22:52:53	31	14	OPCH 14		END ASCAL					1TD
681	305 22:54:28	31				RESTART GYRO FAULT TEST			63829:59:001F	05-305/09:20:35	1T
682	305 22:54:28	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		63829:59:002F	05-305/09:20:35	1ECa
683	305 23:48:16	31	40RISE			10.2 DEGREE RISE DSC-40					1V
684	306 00:00:00	31				VGR-31 OWLT IS 13H 33M 52S					1L
685	306 01:10:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0313					1DP
686	306 03:48:01	31	10 SET			10.2 DEGREE SET DSC-10					1V
687	306 04:11:06	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
688	306 04:11:06	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

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
689	306 04:11:54	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
690	306 04:11:54	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
691	306 04:14:30	31				BEGIN PWSREC.31			63836:39:001F	05-305/14:40:35	1T
692	306 04:14:30	31			SC32AJ	(10) PLS CONFIG CMD	FDS		63836:39:009F	05-305/14:40:36	1ECf
693	306 04:15:18	31				B- DRGS4B			63836:40:001F	05-305/14:41:23	1TB
694	306 04:15:18	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		63836:40:009F	05-305/14:41:24	1ECf
695	306 04:16:02	31				BEGIN RECORDING PWS DATA			63836:40:734F	05-305/14:42:07	1T
696	306 04:16:02	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		63836:40:735F	05-305/14:42:08	1ECd
697	306 04:16:02	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:0550	DTR		63836:40:735F	05-305/14:42:08	1ESd
698	306 04:16:06	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	63836:41:001F	05-305/14:42:11	1ESf
699	306 04:16:06	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		63836:41:002F	05-305/14:42:12	1ECs
700	306 04:16:07	31				B- DRCRUS			63836:41:018F	05-305/14:42:12	1TB

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT 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	306 04:16:07	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		63836:41:026F	05-305/14:42:13	1ECf
702	306 04:16:54	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	63836:42:001F	05-305/14:42:59	1ESf
703	306 04:16:54	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		63836:42:002F	05-305/14:42:59	1ECs
704	306 04:16:54	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		63836:42:002F	05-305/14:43:00	1ECd
705	306 04:16:54	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0843	DTR		63836:42:002F	05-305/14:43:00	1ESd
706	306 04:17:42	31			SC32AJ	(13) PLS CONFIG CMD	FDS		63836:43:009F	05-305/14:43:48	1ECf
707	306 04:17:43	31				END PWSREC.31			63836:43:018F	05-305/14:43:48	1T
708	306 08:45:59	31	60RISE			10.2 DEGREE RISE DSC-60					1V
709	306 08:53:10	31	40 SET			10.2 DEGREE SET DSC-40					1V
710	306 10:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0313 (D/L ONLY)					1DP
711	306 10:05:00	31				CFG CODES					1DP
712	306 12:00:00	31				VGR-31 OWLT IS 13H 33M 56S					1L
713	306 16:18:33	31	10RISE			10.2 DEGREE RISE DSC-10					1V
714	306 17:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0313					1DP
715	306 18:10:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0314 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
716	306 18:10:00	31				CFG CODES					1DP
717	306 18:52:59	31				B- DAIN.31			63854:57:001F	05-306/05:18:59	1TB
718	306 18:52:59	31				BEGIN DAIN31			63854:57:001F	05-306/05:18:59	1T
719	306 19:54:33	31	60 SET			14.6 DEGREE SET DSC-60					1V
720	306 23:44:22	31	40RISE			10.2 DEGREE RISE DSC-40					1V
721	307 00:00:00	31				VGR-31 OWLT IS 13H 34M 01S					1L
722	307 00:30:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0314					1DP
723	307 03:44:06	31	10 SET			10.2 DEGREE SET DSC-10					1V
724	307 08:42:06	31	60RISE			10.2 DEGREE RISE DSC-60					1V
725	307 08:49:17	31	40 SET			10.2 DEGREE SET DSC-40					1V
726	307 10:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0314 (D/L ONLY)					1DP
727	307 10:05:00	31				CFG CODES					1DP
728	307 12:00:00	31				VGR-31 OWLT IS 13H 34M 05S					1L
729	307 16:14:39	31	10RISE			10.2 DEGREE RISE DSC-10					1V
730	307 17:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0314					1DP
731	307 19:50:41	31	60 SET			14.6 DEGREE SET DSC-60					1V
732	307 21:00:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0315 (D/L ONLY)					1DP
733	307 21:00:00	31				CFG CODES					1DP
734	307 23:40:27	31	40RISE			10.2 DEGREE RISE DSC-40					1V
735	308 00:00:00	31				VGR-31 OWLT IS 13H 34M 09S					1L
736	308 01:25:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0315					1DP
737	308 03:40:12	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
738	308 08:38:13	31	60RISE			10.2 DEGREE RISE DSC-60					1V
739	308 08:45:25	31	40 SET			10.2 DEGREE SET DSC-40					1V
740	308 10:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0315 (D/L ONLY)					1DP
741	308 10:05:00	31				CFG CODES					1DP
742	308 12:00:00	31				VGR-31 OWLT IS 13H 34M 14S					1L
743	308 16:10:46	31	10RISE			10.2 DEGREE RISE DSC-10					1V
744	308 17:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0315					1DP
745	308 19:46:47	31	60 SET			14.6 DEGREE SET DSC-60					1V
746	308 21:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0316 (D/L ONLY)					1DP
747	308 21:30:00	31				CFG CODES					1DP
748	308 21:31:29	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
749	308 21:31:29	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
750	308 21:34:53	31				B- MAGROLBC.31			63918:19:001F	05-308/08:00:35	1TB
751	308 21:34:53	31				BEGIN MAGROLBC31			63918:19:001F	05-308/08:00:35	1T
752	308 21:34:53	31				B- YAW10			63918:19:001F	05-308/08:00:35	1TB
753	308 21:34:53	31				YAW10			63918:19:001F	05-308/08:00:35	1T
754	308 21:34:53	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		63918:19:004F	05-308/08:00:36	1ECa
755	308 21:35:42	31				B- DRCR5T			63918:20:018F	05-308/08:01:24	1TB

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT 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	308 21:35:42	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		63918:20:026F	05-308/08:01:25	1ECf
757	308 21:36:29	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	63918:21:001F	05-308/08:02:11	1ESf
758	308 21:36:29	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		63918:21:002F	05-308/08:02:11	1ECs
759	308 21:42:54	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR COMMANDED TURN D/L AGC VARIATIONS EXPECTED					11EC
760	308 21:44:54	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		63918:31:419F	05-308/08:10:37	1ECa
761	308 21:44:54	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		63918:31:419F	05-308/08:10:37	1ESa
762	308 21:44:54	31			CC7GARP	GYRO A OFF	PWR		63918:31:420F	05-308/08:10:37	1ECp
763	308 21:44:54	31			CC7GARP	GYRO A OFF	PWR		63918:31:422F	05-308/08:10:37	1ECp
764	308 21:44:54	31			CC7PC	(352) GYRO A OFF	AACS		63918:31:424F	05-308/08:10:37	1ECa
765	308 21:44:54	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		63918:31:425F	05-308/08:10:37	1ECp
766	308 21:44:54	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		63918:31:427F	05-308/08:10:37	1ECp
767	308 21:44:55	31			CC7PC	(312) DUMMY PWR CMD	AACS		63918:31:429F	05-308/08:10:37	1ECa
768	308 21:47:54	31			AC7TCD	(322 033478) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		63918:35:220F	05-308/08:13:37	1ECa
769	308 23:36:33	31	40RISE			10.2 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
770	309 00:00:00	31				VGR-31 OWLT IS 13H 34M 18S					1L
771	309 02:16:08	31			SC32AJ	(10) PLS CONFIG CMD	FDS		63924:10:426F	05-308/12:41:49	1ECf
772	309 02:49:39	31			SC32AJ	(11) PLS CONFIG CMD	FDS		63924:52:342F	05-308/13:15:20	1ECf
773	309 03:24:43	31				ROLL TURN COMPLETE (NOMINAL)			63925:36:201F	05-308/13:50:23	1T
774	309 03:24:43	31			CC7PC	(345) CMDED TURN COMPLETE	AACS		63925:36:200F	05-308/13:50:23	1ECa
775	309 03:26:56	31			SC32AJ	(13) PLS CONFIG CMD	FDS		63925:39:026F	05-308/13:52:37	1ECf
776	309 03:35:56	31				RESET CALIB			63925:50:218F	05-308/14:01:36	1T
777	309 03:35:56	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		63925:50:220F	05-308/14:01:37	1ECa
778	309 03:36:18	31	10 SET			10.2 DEGREE SET DSC-10					1V
779	309 03:36:26	31			CC7SS	(1) SS SEARCH ENABLE	AACS		63925:50:719F	05-308/14:02:07	1ECa
780	309 03:36:26	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	63925:50:719F	05-308/14:02:07	1ESa	
781	309 03:36:26	31			CC7PC	(327) IDET ACQUIRED	AACS		63925:50:719F	05-308/14:02:07	1ECa
782	309 03:36:26	31			CC7GARP	GYRO A OFF	PWR		63925:50:720F	05-308/14:02:07	1ECp
783	309 03:36:26	31			CC7GARP	GYRO A OFF	PWR		63925:50:722F	05-308/14:02:07	1ECp
784	309 03:36:26	31			CC7PC	(352) GYRO A OFF	AACS		63925:50:724F	05-308/14:02:07	1ECa
785	309 03:36:26	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		63925:50:725F	05-308/14:02:07	1ECp
786	309 03:36:26	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		63925:50:727F	05-308/14:02:07	1ECp
787	309 03:36:27	31			CC7PC	(312) DUMMY PWR CMD	AACS		63925:50:729F	05-308/14:02:07	1ECa
788	309 03:42:26	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		63925:58:319F	05-308/14:08:07	1ECa
789	309 03:43:31	31				GYROS OFF			63925:59:601F	05-308/14:09:11	1T

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT 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	309 03:43:31	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		63925:59:602F	05-308/14:09:12	1ESa
791	309 03:43:31	31			CC7PC	(307) STAR ACQUIRED	AACS		63925:59:602F	05-308/14:09:12	1ECa
792	309 03:43:31	31			CC7GCRP	GYRO C OFF	PWR		63925:59:603F	05-308/14:09:12	1ECp
793	309 03:43:31	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		63925:59:603F	05-308/14:09:12	1ESa
794	309 03:43:31	31			CC7GCRP	GYRO C OFF	PWR		63925:59:605F	05-308/14:09:12	1ECp
795	309 03:43:31	31			CC7PC	(372) GYRO C OFF	AACS		63925:59:607F	05-308/14:09:12	1ECa
796	309 03:43:31	31			CC7GBRP	GYRO B OFF	PWR		63925:59:608F	05-308/14:09:12	1ECp
797	309 03:43:31	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		63925:59:608F	05-308/14:09:12	1ESa
798	309 03:43:31	31			CC7GBRP	GYRO B OFF	PWR		63925:59:610F	05-308/14:09:12	1ECp
799	309 03:43:32	31			CC7PC	(362) GYRO B OFF	AACS		63925:59:612F	05-308/14:09:12	1ECa
800	309 03:43:32	31			CC7GARP	GYRO A OFF	PWR		63925:59:613F	05-308/14:09:12	1ECp
801	309 03:43:32	31			CC7GARP	GYRO A OFF	PWR		63925:59:615F	05-308/14:09:12	1ECp
802	309 03:43:32	31			CC7PC	(352) GYRO A OFF	AACS		63925:59:617F	05-308/14:09:12	1ECa
803	309 03:43:32	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		63925:59:617F	05-308/14:09:12	1ECp
804	309 03:43:32	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		63925:59:619F	05-308/14:09:13	1ECp
805	309 03:43:32	31			CC7PC	(312) DUMMY PWR CMD	AACS		63925:59:622F	05-308/14:09:13	1ECa



FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
806	309 03:50:43	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
807	309 03:50:43	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
808	309 03:51:56	31				B- YAWDB			63926:10:218F	05-308/14:17:36	1TB
809	309 03:51:56	31				YAWDB - .10			63926:10:218F	05-308/14:17:36	1T
810	309 03:51:56	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		63926:10:221F	05-308/14:17:37	1ECa
811	309 03:54:56	31				B- DRCSR			63926:14:018F	05-308/14:20:36	1TB
812	309 03:54:56	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		63926:14:026F	05-308/14:20:37	1ECf
813	309 03:55:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0316					1DP
814	309 03:55:43	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	63926:15:001F	05-308/14:21:23	1ESf
815	309 03:55:43	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		63926:15:002F	05-308/14:21:23	1ECs
816	309 03:55:44	31				END MAGROLBC31			63926:15:018F	05-308/14:21:24	1T
817	309 03:55:44	31				END GAIN31			63926:15:018F	05-308/14:21:24	1T
818	309 07:14:08	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		63930:23:002F	05-308/17:39:48	1ECd
819	309 07:14:08	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0849	DTR		63930:23:002F	05-308/17:39:48	1ESd

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
820	309 07:14:33	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		63930:23:421F	05-308/17:40:13	1ECd
821	309 07:14:33	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0859	DTR		63930:23:421F	05-308/17:40:13	1ESd
822	309 08:20:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0316 (D/L ONLY)					1DP
823	309 08:20:00	31				CFG CODES					1DP
824	309 08:34:20	31	60RISE			10.2 DEGREE RISE DSC-60					1V
825	309 08:41:32	31	40 SET			10.2 DEGREE SET DSC-40					1V
826	309 10:11:33	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
827	309 10:11:33	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
828	309 10:12:21	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
829	309 10:12:21	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
830	309 10:14:09	31			CC16C	(7026) DTR STATE SELECT: READY	DTR		63934:08:002F	05-308/20:39:48	1ECd
831	309 10:14:09	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0859	DTR		63934:08:002F	05-308/20:39:48	1ESd
832	309 10:14:57	31			SC32AJ	(10) PLS CONFIG CMD	FDS		63934:09:009F	05-308/20:40:36	1ECf
833	309 10:14:58	31				AHELI1 PWSREC 10			63934:09:018F	05-308/20:40:36	1T
834	309 10:14:58	31				B- PWSREC.31			63934:09:018F	05-308/20:40:36	1TB

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT 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	309 10:14:58	31				BEGIN PWSREC.31			63934:09:018F	05-308/20:40:36	1T
836	309 10:15:45	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		63934:10:009F	05-308/20:41:24	1ECf
837	309 10:15:46	31				B- DRGS4B			63934:10:018F	05-308/20:41:24	1TB
838	309 10:16:29	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		63934:10:735F	05-308/20:42:08	1ECd
839	309 10:16:29	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:0859	DTR		63934:10:735F	05-308/20:42:08	1ESd
840	309 10:16:30	31				BEGIN RECORDING PWS DATA			63934:10:751F	05-308/20:42:08	1T
841	309 10:16:33	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	63934:11:001F	05-308/20:42:11	1ESf
842	309 10:16:33	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		63934:11:002F	05-308/20:42:11	1ECs
843	309 10:16:34	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		63934:11:026F	05-308/20:42:13	1ECf
844	309 10:16:35	31				B- DRCRUS			63934:11:034F	05-308/20:42:13	1TB
845	309 10:17:21	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	63934:12:001F	05-308/20:42:59	1ESf

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
846	309 10:17:21	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		63934:12:002F	05-308/20:43:00	1ECs
847	309 10:17:21	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		63934:12:002F	05-308/20:43:00	1ECd
848	309 10:17:21	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0566	DTR		63934:12:002F	05-308/20:43:00	1ESd
849	309 10:18:09	31			SC32AJ	(13) PLS CONFIG CMD	FDS		63934:13:009F	05-308/20:43:48	1ECF
850	309 10:18:11	31				END PWSREC.31			63934:13:034F	05-308/20:43:49	1T
851	309 12:00:00	31				VGR-31 OWLT IS 13H 34M 22S					1L
852	309 12:23:46	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		63936:50:002F	05-308/22:49:24	1ECd
853	309 12:23:46	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0560	DTR		63936:50:002F	05-308/22:49:24	1ESd
854	309 12:37:08	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		63937:06:576F	05-308/23:02:46	1ECd
855	309 12:37:08	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0849	DTR		63937:06:576F	05-308/23:02:46	1ESd
856	309 15:10:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0316					1DP
857	309 15:23:47	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		63940:35:002F	05-309/01:49:24	1ECd
858	309 16:06:53	31	10RISE			10.2 DEGREE RISE DSC-10					1V
859	309 17:45:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0317 (D/L ONLY)					1DP
860	309 17:45:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
861	309 19:42:55	31	60 SET			14.6 DEGREE SET DSC-60					1V
862	309 23:32:38	31	40RISE			10.2 DEGREE RISE DSC-40					1V
863	310 00:00:00	31				VGR-31 OWLT IS 13H 34M 26S					1L
864	310 01:10:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0317					1DP
865	310 03:32:23	31	10 SET			10.2 DEGREE SET DSC-10					1V
866	310 08:30:27	31	60RISE			10.2 DEGREE RISE DSC-60					1V
867	310 08:37:39	31	40 SET			10.2 DEGREE SET DSC-40					1V
868	310 09:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0317 (D/L ONLY)					1DP
869	310 09:50:00	31				CFG CODES					1DP
870	310 12:00:00	31				VGR-31 OWLT IS 13H 34M 30S					1L
871	310 14:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0317					1DP
872	310 15:37:32	31			AC7SSB	(4 +153) SS BIAS CONTROL --- YAW	AACS		63970:52:003F	05-310/02:03:00	1ECa
873	310 16:03:00	31	10RISE			10.2 DEGREE RISE DSC-10					1V
874	310 17:40:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0318 (D/L ONLY)					1DP
875	310 17:40:00	31				CFG CODES					1DP
876	310 19:39:03	31	60 SET			14.6 DEGREE SET DSC-60					1V
877	310 23:28:44	31	40RISE			10.2 DEGREE RISE DSC-40					1V
878	311 00:00:00	31				VGR-31 OWLT IS 13H 34M 34S					1L
879	311 00:55:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0318					1DP
880	311 03:28:29	31	10 SET			10.2 DEGREE SET DSC-10					1V
881	311 08:26:34	31	60RISE			10.2 DEGREE RISE DSC-60					1V
882	311 08:33:46	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
883	311 11:20:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0318 (D/L ONLY)					1DP
884	311 11:20:00	31				CFG CODES					1DP
885	311 12:00:00	31				VGR-31 OWLT IS 13H 34M 39S					1L
886	311 15:59:07	31	10RISE			10.2 DEGREE RISE DSC-10					1V
887	311 17:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0318					1DP
888	311 17:35:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0319 (D/L ONLY)					1DP
889	311 17:35:00	31				CFG CODES					1DP
890	311 19:35:11	31	60 SET			14.6 DEGREE SET DSC-60					1V
891	311 23:24:50	31	40RISE			10.2 DEGREE RISE DSC-40					1V
892	312 00:00:00	31				VGR-31 OWLT IS 13H 34M 43S					1L
893	312 01:50:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0319					1DP
894	312 03:24:35	31	10 SET			10.2 DEGREE SET DSC-10					1V
895	312 08:22:41	31	60RISE			10.2 DEGREE RISE DSC-60					1V
896	312 08:29:53	31	40 SET			10.2 DEGREE SET DSC-40					1V
897	312 12:00:00	31				VGR-31 OWLT IS 13H 34M 47S					1L
898	312 15:40:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0320 (D/L ONLY)					1DP
899	312 15:40:00	31				CFG CODES					1DP
900	312 15:55:14	31	10RISE			10.2 DEGREE RISE DSC-10					1V
901	312 19:31:19	31	60 SET			14.6 DEGREE SET DSC-60					1V
902	312 22:15:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0320					1DP
903	312 23:20:55	31	40RISE			10.2 DEGREE RISE DSC-40					1V
904	313 00:00:00	31				VGR-31 OWLT IS 13H 34M 51S					1L

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
905	313 03:20:41	31	10 SET			10.2 DEGREE SET DSC-10					1V
906	313 03:48:04	31		ACE OPCH		>>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
907	313 03:48:04	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
908	313 03:48:52	31		ACE OPCH		>>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
909	313 03:48:52	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
910	313 03:51:28	31				BEGIN PWSREC.31			64046:09:001F	05-312/14:16:35	1T
911	313 03:51:28	31			SC32AJ	(10) PLS CONFIG CMD	FDS		64046:09:009F	05-312/14:16:36	1ECf
912	313 03:52:16	31				B- DRGS4B			64046:10:001F	05-312/14:17:23	1TB
913	313 03:52:16	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACRS READOUT MODE : TELEMETRY	FDS		64046:10:009F	05-312/14:17:24	1ECf
914	313 03:53:00	31				BEGIN RECORDING PWS DATA			64046:10:734F	05-312/14:18:07	1T
915	313 03:53:00	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		64046:10:735F	05-312/14:18:08	1ECd
916	313 03:53:00	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:0849	DTR		64046:10:735F	05-312/14:18:08	1ESd

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
917	313 03:53:04	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	64046:11:001F	05-312/14:18:11	1ESf
918	313 03:53:04	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		64046:11:002F	05-312/14:18:11	1ECs
919	313 03:53:05	31				B- DRCRUS			64046:11:018F	05-312/14:18:12	1TB
920	313 03:53:05	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		64046:11:026F	05-312/14:18:13	1ECf
921	313 03:53:52	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	64046:12:001F	05-312/14:18:59	1ESf
922	313 03:53:52	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		64046:12:002F	05-312/14:18:59	1ECs
923	313 03:53:52	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		64046:12:002F	05-312/14:19:00	1ECd
924	313 03:53:52	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1141	DTR		64046:12:002F	05-312/14:19:00	1ESd
925	313 03:54:40	31			SC32AJ	(13) PLS CONFIG CMD	FDS		64046:13:009F	05-312/14:19:48	1ECf
926	313 03:54:41	31				END PWSREC.31			64046:13:018F	05-312/14:19:48	1T
927	313 08:18:49	31	60RISE			10.2 DEGREE RISE DSC-60					1V



FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
928	313 08:26:00	31	40	SET		10.2 DEGREE SET DSC-40					1V
929	313 09:40:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-0320 (D/L ONLY)					1DP
930	313 09:40:00	31				CFG CODES					1DP
931	313 12:00:00	31				VGR-31 OWLT IS 13H 34M 55S					1L
932	313 12:33:07	31			AC7SSB	(3 +013) SS BIAS CONTROL - PITCH	AACS		64057:01:003F	05-312/22:58:12	1ECa
933	313 15:51:21	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
934	313 17:10:00	31	65	LOS	OPCH ACE	LOS DSS-65 PASS-0320					1DP
935	313 18:30:00	31	14	AOS	OPCH ACE	AOS DSS-14 PASS-0321 (D/L ONLY)					1DP
936	313 18:30:00	31				CFG CODES					1DP
937	313 19:27:24	31	60	SET		14.6 DEGREE SET DSC-60					1V
938	313 19:32:09	31			ACE OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
939	313 19:32:09	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
940	313 19:32:21	31				BEGIN PMPCALLR			64065:45:001F	05-313/05:57:23	1T
941	313 19:32:21	31				INITIATE PMPCAL CYCLIC			64065:45:001F	05-313/05:57:23	1T
942	313 19:32:21	31				PMPCAL LOOPS=27D22H24M 13 TIMES			64065:45:001F	05-313/05:57:23	1T
943	313 19:36:21	31				B- DRCR5T			64065:50:001F	05-313/06:01:23	1TB
944	313 19:36:21	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		64065:50:009F	05-313/06:01:24	1ECf

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
945	313 19:37:09	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	64065:51:001F	05-313/06:02:11	1ESf
946	313 19:37:09	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		64065:51:001F	05-313/06:02:11	1ECs
947	313 19:43:33	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		64065:59:008F	05-313/06:08:36	1ECf
948	313 19:44:21	31				BEGIN PLS/MAG/PESCAL			64066:00:001F	05-313/06:09:23	1T
949	313 21:26:46	31				END PLSCAL			64068:08:001F	05-313/07:51:47	1T
950	313 22:46:46	31				END MAGCAL			64069:48:001F	05-313/09:11:47	1T
951	313 23:00:10	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
952	313 23:00:10	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
953	313 23:04:22	31				END PESCAL			64070:10:001F	05-313/09:29:23	1T
954	313 23:04:22	31				B- DRCSR			64070:10:001F	05-313/09:29:23	1TB
955	313 23:04:22	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		64070:10:010F	05-313/09:29:24	1ECf
956	313 23:05:10	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	64070:11:001F	05-313/09:30:11	1ESf

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
957	313 23:05:10	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		64070:11:002F	05-313/09:30:11	1ECs
958	313 23:05:11	31				END PMPCALLR			64070:11:018F	05-313/09:30:12	1T
959	313 23:10:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0321					1DP
960	313 23:17:01	31	40RISE			10.2 DEGREE RISE DSC-40					1V
961	314 00:00:00	31				VGR-31 OWLT IS 13H 34M 59S					1L
962	314 03:16:46	31	10 SET			10.2 DEGREE SET DSC-10					1V
963	314 03:30:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-0321 (D/L ONLY)					1DP
964	314 03:30:00	31				CFG CODES					1DP
965	314 04:13:00	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
966	314 04:18:00	31				X BAND LOW POWER			64076:42:001F	05-313/14:42:59	1T
967	314 04:18:00	31			DC2HR	X-BAND TWT LOW POWER	RFS		64076:42:002F	05-313/14:42:59	1ECr
968	314 04:22:00	31			CC1T	BAY 1 HTR ON	PWR		64076:47:002F	05-313/14:46:59	1ECp
969	314 04:22:01	31				END PWSPBA31			64076:47:018F	05-313/14:47:00	1T
970	314 04:22:01	31				END BASLIN			64076:47:018F	05-313/14:47:00	1T
971	314 06:00:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-0321					1DP
972	314 08:14:56	31	60RISE			10.2 DEGREE RISE DSC-60					1V
973	314 08:22:07	31	40 SET			10.2 DEGREE SET DSC-40					1V
974	314 09:25:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0321 (D/L ONLY)					1DP
975	314 09:25:00	31				CFG CODES					1DP
976	314 12:00:00	31				VGR-31 OWLT IS 13H 35M 03S					1L

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
977	314 14:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0321					1DP
978	314 15:47:28	31	10RISE			10.2 DEGREE RISE DSC-10					1V
979	314 19:00:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0322 (D/L ONLY)					1DP
980	314 19:00:00	31				CFG CODES					1DP
981	314 19:23:32	31	60 SET			14.6 DEGREE SET DSC-60					1V
982	314 23:13:07	31	40RISE			10.2 DEGREE RISE DSC-40					1V
983	315 00:00:00	31				VGR-31 OWLT IS 13H 35M 06S					1L
984	315 01:35:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0322					1DP
985	315 03:12:52	31	10 SET			10.2 DEGREE SET DSC-10					1V
986	315 08:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0322 (D/L ONLY)					1DP
987	315 08:00:00	31				CFG CODES					1DP
988	315 08:11:03	31	60RISE			10.2 DEGREE RISE DSC-60					1V
989	315 08:18:14	31	40 SET			10.2 DEGREE SET DSC-40					1V
990	315 12:00:00	31				VGR-31 OWLT IS 13H 35M 10S					1L
991	315 14:20:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0322					1DP
992	315 15:43:35	31	10RISE			10.2 DEGREE RISE DSC-10					1V
993	315 16:56:36	31			AC7SSB	(4 +154) SS BIAS CONTROL --- YAW	AACS		64122:30:003F	05-315/03:21:24	1ECa
994	315 19:19:40	31	60 SET			14.6 DEGREE SET DSC-60					1V
995	315 22:25:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0323 (D/L ONLY)					1DP
996	315 22:25:00	31				CFG CODES					1DP
997	315 23:09:12	31	40RISE			10.2 DEGREE RISE DSC-40					1V
998	316 00:00:00	31				VGR-31 OWLT IS 13H 35M 14S					1L

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
999	316 01:30:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0323					1DP
1000	316 03:08:58	31	10 SET			10.2 DEGREE SET DSC-10					1V
1001	316 06:51:04	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		64139:53:002F	05-315/17:15:48	1ECd
1002	316 06:51:04	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:1148	DTR		64139:53:002F	05-315/17:15:48	1ESd
1003	316 07:18:15	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		64140:26:791F	05-315/17:42:59	1ECd
1004	316 07:18:15	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0560	DTR		64140:26:791F	05-315/17:42:59	1ESd
1005	316 07:50:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0323 (D/L ONLY)					1DP
1006	316 07:50:00	31				CFG CODES					1DP
1007	316 08:07:10	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1008	316 08:14:22	31	40 SET			10.2 DEGREE SET DSC-40					1V
1009	316 09:48:29	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1010	316 09:48:29	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
1011	316 09:49:17	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1012	316 09:49:17	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
1013	316 09:51:05	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		64143:38:002F	05-315/20:15:48	1ECd

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1014	316 09:51:05	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:0560	DTR		64143:38:002F	05-315/20:15:48	1ESd
1015	316 09:51:53	31			SC32AJ	(10) PLS CONFIG CMD	FDS		64143:39:009F	05-315/20:16:36	1ECf
1016	316 09:51:54	31				AHEL11 PWSREC 11			64143:39:018F	05-315/20:16:36	1T
1017	316 09:51:54	31				B- PWSREC.31			64143:39:018F	05-315/20:16:36	1TB
1018	316 09:51:54	31				BEGIN PWSREC.31			64143:39:018F	05-315/20:16:36	1T
1019	316 09:52:41	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		64143:40:009F	05-315/20:17:24	1ECf
1020	316 09:52:42	31				B- DRGS4B			64143:40:018F	05-315/20:17:24	1TB
1021	316 09:53:25	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		64143:40:735F	05-315/20:18:08	1ECd
1022	316 09:53:25	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:0560	DTR		64143:40:735F	05-315/20:18:08	1ESd
1023	316 09:53:26	31				BEGIN RECORDING PWS DATA			64143:40:751F	05-315/20:18:08	1T
1024	316 09:53:29	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	64143:41:001F	05-315/20:18:11	1ESf
1025	316 09:53:29	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		64143:41:002F	05-315/20:18:11	1ECs

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1026	316 09:53:30	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		64143:41:026F	05-315/20:18:13	1ECf
1027	316 09:53:31	31				B- DRCSR			64143:41:034F	05-315/20:18:13	1TB
1028	316 09:54:17	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	64143:42:001F	05-315/20:18:59	1ESf
1029	316 09:54:17	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		64143:42:002F	05-315/20:18:59	1ECs
1030	316 09:54:17	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		64143:42:002F	05-315/20:19:00	1ECd
1031	316 09:54:17	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:0853	DTR		64143:42:002F	05-315/20:19:00	1ESd
1032	316 09:55:05	31			SC32AJ	(13) PLS CONFIG CMD	FDS		64143:43:009F	05-315/20:19:48	1ECf
1033	316 09:55:07	31				END PWSREC.31			64143:43:034F	05-315/20:19:49	1T
1034	316 12:00:00	31				VGR-31 OWLT IS 13H 35M 18S					1L
1035	316 12:00:42	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		64146:20:002F	05-315/22:25:24	1ECd
1036	316 12:00:42	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0859	DTR		64146:20:002F	05-315/22:25:24	1ESd
1037	316 12:14:02	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		64146:36:538F	05-315/22:38:44	1ECd

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1038	316 12:14:02	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1148	DTR		64146:36:538F	05-315/22:38:44	1ESd
1039	316 13:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0323					1DP
1040	316 15:00:43	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		64150:05:002F	05-316/01:25:24	1ECd
1041	316 15:39:42	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1042	316 17:15:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0324 (D/L ONLY)					1DP
1043	316 17:15:00	31				CFG CODES					1DP
1044	316 19:15:48	31	60 SET			14.6 DEGREE SET DSC-60					1V
1045	316 23:05:18	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1046	316 23:50:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0324					1DP
1047	317 00:00:00	31				VGR-31 OWLT IS 13H 35M 22S					1L
1048	317 03:05:04	31	10 SET			10.2 DEGREE SET DSC-10					1V
1049	317 08:03:17	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1050	317 08:10:29	31	40 SET			10.2 DEGREE SET DSC-40					1V
1051	317 09:25:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0324 (D/L ONLY)					1DP
1052	317 09:25:00	31				CFG CODES					1DP
1053	317 12:00:00	31				VGR-31 OWLT IS 13H 35M 25S					1L
1054	317 15:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0324					1DP
1055	317 15:35:49	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1056	317 19:05:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0325 (D/L ONLY)					1DP
1057	317 19:05:00	31				CFG CODES					1DP



FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1058	317 19:11:54	31	60 SET			14.6 DEGREE SET DSC-60					1V
1059	317 23:01:24	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1060	318 00:00:00	31				VGR-31 OWLT IS 13H 35M 29S					1L
1061	318 01:20:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0325					1DP
1062	318 03:01:10	31	10 SET			10.2 DEGREE SET DSC-10					1V
1063	318 07:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0325 (D/L ONLY)					1DP
1064	318 07:45:00	31				CFG CODES					1DP
1065	318 07:59:24	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1066	318 08:06:36	31	40 SET			10.2 DEGREE SET DSC-40					1V
1067	318 12:00:00	31				VGR-31 OWLT IS 13H 35M 33S					1L
1068	318 12:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0325					1DP
1069	318 15:31:56	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1070	318 19:08:02	31	60 SET			14.6 DEGREE SET DSC-60					1V
1071	318 20:15:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-0326 (D/L ONLY)					1DP
1072	318 20:15:00	31				CFG CODES					1DP
1073	318 22:57:30	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1074	319 00:00:00	31				VGR-31 OWLT IS 13H 35M 37S					1L
1075	319 01:25:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-0326					1DP
1076	319 02:57:16	31	10 SET			10.2 DEGREE SET DSC-10					1V
1077	319 07:55:31	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1078	319 08:02:43	31	40 SET			10.2 DEGREE SET DSC-40					1V
1079	319 09:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0326 (D/L ONLY)					1DP



FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1098	320 03:29:09	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		64255:40:009F	05-319/13:53:24	1ECf
1099	320 03:29:53	31				BEGIN RECORDING PWS DATA			64255:40:734F	05-319/13:54:07	1T
1100	320 03:29:53	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		64255:40:735F	05-319/13:54:08	1ECd
1101	320 03:29:53	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:1148	DTR		64255:40:735F	05-319/13:54:08	1ESd
1102	320 03:29:57	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	64255:41:001F	05-319/13:54:11	1ESf
1103	320 03:29:57	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		64255:41:002F	05-319/13:54:11	1ECs
1104	320 03:29:58	31				B- DRCRUS			64255:41:018F	05-319/13:54:12	1TB
1105	320 03:29:58	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		64255:41:026F	05-319/13:54:13	1ECf
1106	320 03:30:45	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	64255:42:001F	05-319/13:54:59	1ESf

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1107	320 03:30:45	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		64255:42:002F	05-319/13:54:59	1ECs
1108	320 03:30:45	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		64255:42:002F	05-319/13:55:00	1ECd
1109	320 03:30:45	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1440	DTR		64255:42:002F	05-319/13:55:00	1ESd
1110	320 03:31:33	31			SC32AJ	(13) PLS CONFIG CMD	FDS		64255:43:009F	05-319/13:55:48	1ECf
1111	320 03:31:34	31				END PWSREC.31			64255:43:018F	05-319/13:55:48	1T
1112	320 07:51:38	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1113	320 07:58:50	31	40 SET			10.2 DEGREE SET DSC-40					1V
1114	320 09:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0327 (D/L ONLY)					1DP
1115	320 09:10:00	31				CFG CODES					1DP
1116	320 12:00:00	31				VGR-31 OWLT IS 13H 35M 47S					1L
1117	320 14:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0327					1DP
1118	320 15:24:10	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1119	320 18:15:37	31			AC7SSB	(4 +155) SS BIAS CONTROL --- YAW	AACS		64274:08:003F	05-320/04:39:48	1ECa
1120	320 19:00:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0328 (D/L ONLY)					1DP
1121	320 19:00:00	31				CFG CODES					1DP
1122	320 19:00:18	31	60 SET			14.6 DEGREE SET DSC-60					1V
1123	320 22:49:42	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1124	321 00:00:00	31				VGR-31 OWLT IS 13H 35M 51S					1L
1125	321 01:55:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0328					1DP

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1126	321 02:49:28	31	10 SET			10.2 DEGREE SET DSC-10					1V
1127	321 07:40:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0328 (D/L ONLY)					1DP
1128	321 07:40:00	31				CFG CODES					1DP
1129	321 07:47:46	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1130	321 07:54:57	31	40 SET			10.2 DEGREE SET DSC-40					1V
1131	321 12:00:00	31				VGR-31 OWLT IS 13H 35M 55S					1L
1132	321 12:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0328					1DP
1133	321 15:20:17	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1134	321 16:55:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0329 (D/L ONLY)					1DP
1135	321 16:55:00	31				CFG CODES					1DP
1136	321 18:56:26	31	60 SET			14.5 DEGREE SET DSC-60					1V
1137	321 22:45:48	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1138	322 00:00:00	31				VGR-31 OWLT IS 13H 35M 58S					1L
1139	322 01:25:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0329					1DP
1140	322 01:59:47	31			AC7SSB	(3 +012) SS BIAS CONTROL - PITCH	AACS		64313:48:003F	05-321/12:23:48	1ECa
1141	322 02:45:34	31	10 SET			10.2 DEGREE SET DSC-10					1V
1142	322 07:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0329 (D/L ONLY)					1DP
1143	322 07:30:00	31				CFG CODES					1DP
1144	322 07:43:53	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1145	322 07:51:04	31	40 SET			10.2 DEGREE SET DSC-40					1V
1146	322 12:00:00	31				VGR-31 OWLT IS 13H 36M 01S					1L
1147	322 12:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0329					1DP

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1148	322 15:16:25	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1149	322 18:00:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0330 (D/L ONLY)					1DP
1150	322 18:00:00	31				CFG CODES					1DP
1151	322 18:52:31	31	60 SET			14.5 DEGREE SET DSC-60					1V
1152	322 22:35:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0330 (D/L ONLY)					1DP
1153	322 22:35:00	31				CFG CODES					1DP
1154	322 22:41:54	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1155	322 22:55:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0330					1DP
1156	323 00:00:00	31				VGR-31 OWLT IS 13H 36M 05S					1L
1157	323 01:10:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0330					1DP
1158	323 02:41:41	31	10 SET			10.2 DEGREE SET DSC-10					1V
1159	323 06:27:55	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		64349:23:002F	05-322/16:51:48	1ECd
1160	323 06:27:55	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:1447	DTR		64349:23:002F	05-322/16:51:48	1ESd
1161	323 06:55:06	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		64349:56:791F	05-322/17:18:59	1ECd
1162	323 06:55:06	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0859	DTR		64349:56:791F	05-322/17:18:59	1ESd
1163	323 07:25:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0330 (D/L ONLY)					1DP
1164	323 07:25:00	31				CFG CODES					1DP
1165	323 07:40:00	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1166	323 07:47:11	31	40	SET		10.2 DEGREE SET DSC-40					1V
1167	323 09:25:20	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1168	323 09:25:20	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
1169	323 09:26:08	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1170	323 09:26:08	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
1171	323 09:27:56	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		64353:08:002F	05-322/19:51:48	1ECd
1172	323 09:27:56	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:0859	DTR		64353:08:002F	05-322/19:51:48	1ESd
1173	323 09:28:44	31			SC32AJ	(10) PLS CONFIG CMD	FDS		64353:09:009F	05-322/19:52:36	1ECf
1174	323 09:28:45	31				AHELII1 PWSREC 12			64353:09:018F	05-322/19:52:36	1T
1175	323 09:28:45	31				B- PWSREC.31			64353:09:018F	05-322/19:52:36	1TB
1176	323 09:28:45	31				BEGIN PWSREC.31			64353:09:018F	05-322/19:52:36	1T
1177	323 09:29:32	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		64353:10:009F	05-322/19:53:24	1ECf
1178	323 09:29:33	31				B- DRGS4B			64353:10:018F	05-322/19:53:24	1TB
1179	323 09:30:16	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		64353:10:735F	05-322/19:54:08	1ECd

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1180	323 09:30:16	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:0859	DTR		64353:10:735F	05-322/19:54:08	1ESd
1181	323 09:30:17	31				BEGIN RECORDING PWS DATA			64353:10:751F	05-322/19:54:08	1T
1182	323 09:30:20	31		ACE	OPCH	FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	64353:11:001F	05-322/19:54:11	1ESf
1183	323 09:30:20	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		64353:11:002F	05-322/19:54:11	1ECs
1184	323 09:30:21	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		64353:11:026F	05-322/19:54:13	1ECf
1185	323 09:30:22	31				B- DRCRUS			64353:11:034F	05-322/19:54:13	1TB
1186	323 09:31:08	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	64353:12:001F	05-322/19:54:59	1ESf
1187	323 09:31:08	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		64353:12:002F	05-322/19:54:59	1ECs
1188	323 09:31:08	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		64353:12:002F	05-322/19:55:00	1ECd



FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1189	323 09:31:08	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1152	DTR		64353:12:002F	05-322/19:55:00	1ESd
1190	323 09:31:56	31			SC32AJ	(13) PLS CONFIG CMD	FDS		64353:13:009F	05-322/19:55:48	1ECf
1191	323 09:31:58	31				END PWSREC.31			64353:13:034F	05-322/19:55:49	1T
1192	323 11:37:32	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		64355:50:002F	05-322/22:01:24	1ECd
1193	323 11:37:32	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1158	DTR		64355:50:002F	05-322/22:01:24	1ESd
1194	323 11:50:52	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		64356:06:538F	05-322/22:14:44	1ECd
1195	323 11:50:52	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1447	DTR		64356:06:538F	05-322/22:14:44	1ESd
1196	323 12:00:00	31				VGR-31 OWLT IS 13H 36M 08S					1L
1197	323 12:40:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0330					1DP
1198	323 14:37:33	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		64359:35:002F	05-323/01:01:24	1ECd
1199	323 15:00:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0331 (D/L ONLY)					1DP
1200	323 15:00:00	31				CFG CODES					1DP
1201	323 15:12:32	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1202	323 18:48:39	31	60 SET			14.5 DEGREE SET DSC-60					1V
1203	323 22:38:00	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1204	323 23:25:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0331					1DP
1205	324 00:00:00	31				VGR-31 OWLT IS 13H 36M 12S					1L

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1206	324 02:37:47	31	10 SET			10.2 DEGREE SET DSC-10					1V
1207	324 07:36:07	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1208	324 07:43:19	31	40 SET			10.2 DEGREE SET DSC-40					1V
1209	324 10:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0331 (D/L ONLY)					1DP
1210	324 10:45:00	31				CFG CODES					1DP
1211	324 12:00:00	31				VGR-31 OWLT IS 13H 36M 15S					1L
1212	324 15:08:39	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1213	324 16:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0331					1DP
1214	324 16:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0332 (D/L ONLY)					1DP
1215	324 16:45:00	31				CFG CODES					1DP
1216	324 18:44:47	31	60 SET			14.5 DEGREE SET DSC-60					1V
1217	324 22:34:06	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1218	325 00:00:00	31				VGR-31 OWLT IS 13H 36M 18S					1L
1219	325 01:05:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0332					1DP
1220	325 02:33:53	31	10 SET			10.2 DEGREE SET DSC-10					1V
1221	325 07:32:14	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1222	325 07:39:26	31	40 SET			10.2 DEGREE SET DSC-40					1V
1223	325 08:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0332 (D/L ONLY)					1DP
1224	325 08:50:00	31				CFG CODES					1DP
1225	325 12:00:00	31				VGR-31 OWLT IS 13H 36M 22S					1L
1226	325 14:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0332					1DP
1227	325 15:04:46	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1228	325 16:40:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0333 (D/L ONLY)					1DP
1229	325 16:40:00	31				CFG CODES					1DP
1230	325 18:40:55	31	60 SET			14.5 DEGREE SET DSC-60					1V
1231	325 19:34:36	31			AC7SSB	(4 +156) SS BIAS CONTROL --- YAW	AACS		64425:46:003F	05-325/05:58:12	1ECa
1232	325 22:30:12	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1233	326 00:00:00	31				VGR-31 OWLT IS 13H 36M 25S					1L
1234	326 00:55:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0333					1DP
1235	326 02:29:59	31	10 SET			10.2 DEGREE SET DSC-10					1V
1236	326 07:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0333 (D/L ONLY)					1DP
1237	326 07:15:00	31				CFG CODES					1DP
1238	326 07:28:21	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1239	326 07:35:33	31	40 SET			10.2 DEGREE SET DSC-40					1V
1240	326 12:00:00	31				VGR-31 OWLT IS 13H 36M 28S					1L
1241	326 12:35:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0333					1DP
1242	326 15:00:53	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1243	326 17:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0334 (D/L ONLY)					1DP
1244	326 17:45:00	31				CFG CODES					1DP
1245	326 18:37:01	31	60 SET			14.5 DEGREE SET DSC-60					1V
1246	326 22:26:19	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1247	327 00:00:00	31				VGR-31 OWLT IS 13H 36M 31S					1L
1248	327 00:55:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0334					1DP
1249	327 02:26:05	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1250	327 03:01:44	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1251	327 03:01:44	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
1252	327 03:02:32	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1253	327 03:02:32	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
1254	327 03:05:08	31				BEGIN PWSREC.31			64465:09:001F	05-326/13:28:35	1T
1255	327 03:05:08	31			SC32AJ	(10) PLS CONFIG CMD	FDS		64465:09:009F	05-326/13:28:36	1ECf
1256	327 03:05:56	31				B- DRGS4B			64465:10:001F	05-326/13:29:23	1TB
1257	327 03:05:56	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		64465:10:009F	05-326/13:29:24	1ECf
1258	327 03:06:40	31				BEGIN RECORDING PWS DATA			64465:10:734F	05-326/13:30:07	1T
1259	327 03:06:40	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		64465:10:735F	05-326/13:30:08	1ECd
1260	327 03:06:40	31					DTR		64465:10:735F	05-326/13:30:08	1ESd
						DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:1447					
1261	327 03:06:44	31		ACE OPCH			FDS	GS-4B	64465:11:001F	05-326/13:30:11	1ESf
						FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION					

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1262	327 03:06:44	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		64465:11:002F	05-326/13:30:11	1ECs
1263	327 03:06:45	31				B- DRCRUS			64465:11:018F	05-326/13:30:12	1TB
1264	327 03:06:45	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		64465:11:026F	05-326/13:30:13	1ECf
1265	327 03:07:32	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	64465:12:001F	05-326/13:30:59	1ESf
1266	327 03:07:32	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		64465:12:002F	05-326/13:30:59	1ECs
1267	327 03:07:32	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		64465:12:002F	05-326/13:31:00	1ECd
1268	327 03:07:32	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1739	DTR		64465:12:002F	05-326/13:31:00	1ESd
1269	327 03:08:20	31			SC32AJ	(13) PLS CONFIG CMD	FDS		64465:13:009F	05-326/13:31:48	1ECf
1270	327 03:08:21	31				END PWSREC.31			64465:13:018F	05-326/13:31:48	1T
1271	327 07:24:28	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1272	327 07:31:40	31	40 SET			10.2 DEGREE SET DSC-40					1V
1273	327 09:05:00	31	65 AOS	OPCH	ACE	AOS DSS-65 PASS-0334 (D/L ONLY)					1DP
1274	327 09:05:00	31				CFG CODES					1DP
1275	327 12:00:00	31				VGR-31 OWLT IS 13H 36M 35S					1L

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1276	327 14:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0334					1DP
1277	327 14:57:00	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1278	327 15:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0335 (D/L ONLY)					1DP
1279	327 15:45:00	31				CFG CODES					1DP
1280	327 18:33:09	31	60 SET			14.5 DEGREE SET DSC-60					1V
1281	327 22:22:25	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1282	328 00:00:00	31				VGR-31 OWLT IS 13H 36M 38S					1L
1283	328 01:30:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0335					1DP
1284	328 02:22:12	31	10 SET			10.2 DEGREE SET DSC-10					1V
1285	328 07:20:35	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1286	328 07:27:47	31	40 SET			10.2 DEGREE SET DSC-40					1V
1287	328 08:40:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0335 (D/L ONLY)					1DP
1288	328 08:40:00	31				CFG CODES					1DP
1289	328 12:00:00	31				VGR-31 OWLT IS 13H 36M 41S					1L
1290	328 14:53:07	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1291	328 15:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0335					1DP
1292	328 16:30:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0336 (D/L ONLY)					1DP
1293	328 16:30:00	31				CFG CODES					1DP
1294	328 18:29:17	31	60 SET			14.5 DEGREE SET DSC-60					1V
1295	328 22:18:31	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1296	329 00:00:00	31				VGR-31 OWLT IS 13H 36M 44S					1L
1297	329 00:35:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0336					1DP

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1298	329 02:18:18	31	10	SET		10.2 DEGREE SET DSC-10					1V
1299	329 07:16:42	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1300	329 07:23:54	31	40	SET		10.2 DEGREE SET DSC-40					1V
1301	329 08:40:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-0336 (D/L ONLY)					1DP
1302	329 08:40:00	31				CFG CODES					1DP
1303	329 12:00:00	31				VGR-31 OWLT IS 13H 36M 47S					1L
1304	329 12:30:00	31	63	LOS	OPCH ACE	LOS DSS-63 PASS-0336					1DP
1305	329 14:49:14	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
1306	329 15:15:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-0336 (D/L ONLY)					1DP
1307	329 15:15:00	31				CFG CODES					1DP
1308	329 17:45:00	31	26	AOS	OPCH ACE	AOS DSS-26 PASS-0337 (D/L ONLY)					1DP
1309	329 17:45:00	31				CFG CODES					1DP
1310	329 18:25:22	31	60	SET		14.5 DEGREE SET DSC-60					1V
1311	329 19:15:00	31	63	LOS	OPCH ACE	LOS DSS-63 PASS-0336					1DP
1312	329 22:14:37	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1313	330 00:00:00	31				VGR-31 OWLT IS 13H 36M 50S					1L
1314	330 00:25:00	31	26	LOS	OPCH ACE	LOS DSS-26 PASS-0337					1DP
1315	330 02:14:24	31	10	SET		10.2 DEGREE SET DSC-10					1V
1316	330 06:04:39	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		64558:53:002F	05-329/16:27:48	1ECD
1317	330 06:04:39	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:1746	DTR		64558:53:002F	05-329/16:27:48	1ESd

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1318	330 06:31:51	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		64559:26:791F	05-329/16:54:59	1ECd
1319	330 06:31:51	31				DTR STATUS MODE:RDY            RATE:000.0K DIR:R      TRK:1      TIC:1158	DTR		64559:26:791F	05-329/16:54:59	1ESd
1320	330 07:12:50	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1321	330 07:20:01	31	40 SET			10.2 DEGREE SET DSC-40					1V
1322	330 08:35:00	31	65 AOS	OPCH	ACE	AOS DSS-65 PASS-0337 (D/L ONLY)					1DP
1323	330 08:35:00	31				CFG CODES					1DP
1324	330 09:02:04	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1325	330 09:02:04	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
1326	330 09:02:52	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1327	330 09:02:52	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
1328	330 09:04:40	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		64562:38:002F	05-329/19:27:48	1ECd
1329	330 09:04:40	31				DTR STATUS MODE:RDY            RATE:000.0K DIR:F      TRK:7      TIC:1158	DTR		64562:38:002F	05-329/19:27:48	1ESd
1330	330 09:05:28	31			SC32AJ	(10) PLS CONFIG CMD	FDS		64562:39:009F	05-329/19:28:36	1ECF
1331	330 09:05:29	31				AHELII1 PWSREC 13			64562:39:018F	05-329/19:28:36	1T
1332	330 09:05:29	31				B- PWSREC.31			64562:39:018F	05-329/19:28:36	1TB



FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1333	330 09:05:29	31				BEGIN PWSREC.31			64562:39:018F	05-329/19:28:36	1T
1334	330 09:06:16	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		64562:40:009F	05-329/19:29:24	1ECf
1335	330 09:06:17	31				B- DRGS4B			64562:40:018F	05-329/19:29:24	1TB
1336	330 09:07:00	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		64562:40:735F	05-329/19:30:08	1ECd
1337	330 09:07:00	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:1158	DTR		64562:40:735F	05-329/19:30:08	1ESd
1338	330 09:07:01	31				BEGIN RECORDING PWS DATA			64562:40:751F	05-329/19:30:08	1T
1339	330 09:07:04	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	64562:41:001F	05-329/19:30:11	1ESf
1340	330 09:07:04	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		64562:41:002F	05-329/19:30:11	1ECs
1341	330 09:07:05	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		64562:41:026F	05-329/19:30:13	1ECf
1342	330 09:07:06	31				B- DRCRUS			64562:41:034F	05-329/19:30:13	1TB
1343	330 09:07:52	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	64562:42:001F	05-329/19:30:59	1ESf

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1344	330 09:07:52	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		64562:42:002F	05-329/19:30:59	1ECs
1345	330 09:07:52	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		64562:42:002F	05-329/19:31:00	1ECd
1346	330 09:07:52	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1451	DTR		64562:42:002F	05-329/19:31:00	1ESd
1347	330 09:08:40	31			SC32AJ	(13) PLS CONFIG CMD	FDS		64562:43:009F	05-329/19:31:48	1ECF
1348	330 09:08:42	31				END PWSREC.31			64562:43:034F	05-329/19:31:49	1T
1349	330 11:14:17	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		64565:20:002F	05-329/21:37:24	1ECd
1350	330 11:14:17	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1457	DTR		64565:20:002F	05-329/21:37:24	1ESd
1351	330 11:27:37	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		64565:36:538F	05-329/21:50:44	1ECd
1352	330 11:27:37	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1746	DTR		64565:36:538F	05-329/21:50:44	1ESd
1353	330 12:00:00	31				VGR-31 OWLT IS 13H 36M 53S					1L
1354	330 13:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0337					1DP
1355	330 14:14:17	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		64569:05:002F	05-330/00:37:24	1ECd
1356	330 14:35:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0338 (D/L ONLY)					1DP
1357	330 14:35:00	31				CFG CODES					1DP
1358	330 14:45:21	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1359	330 15:26:18	31			AC7SSB	(3 +011) SS BIAS CONTROL - PITCH	AACS		64570:35:003F	05-330/01:49:24	1ECa
1360	330 18:21:30	31	60	SET		14.5 DEGREE SET DSC-60					1V
1361	330 20:53:31	31			AC7SSB	(4 +157) SS BIAS CONTROL --- YAW	AACS		64577:24:003F	05-330/07:16:36	1ECa
1362	330 22:10:43	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1363	330 23:50:00	31	14	LOS	OPCH ACE	LOS DSS-14 PASS-0338					1DP
1364	331 00:00:00	31				VGR-31 OWLT IS 13H 36M 56S					1L
1365	331 02:10:31	31	10	SET		10.2 DEGREE SET DSC-10					1V
1366	331 07:08:57	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1367	331 07:16:08	31	40	SET		10.2 DEGREE SET DSC-40					1V
1368	331 08:30:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-0338 (D/L ONLY)					1DP
1369	331 08:30:00	31				CFG CODES					1DP
1370	331 12:00:00	31				VGR-31 OWLT IS 13H 36M 59S					1L
1371	331 14:15:00	31	65	LOS	OPCH ACE	LOS DSS-65 PASS-0338					1DP
1372	331 14:41:28	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
1373	331 15:30:00	31	15	AOS	OPCH ACE	AOS DSS-15 PASS-0339 (D/L ONLY)					1DP
1374	331 15:30:00	31				CFG CODES					1DP
1375	331 18:17:38	31	60	SET		14.5 DEGREE SET DSC-60					1V
1376	331 22:06:50	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1377	332 00:00:00	31				VGR-31 OWLT IS 13H 37M 02S					1L
1378	332 00:55:00	31	15	LOS	OPCH ACE	LOS DSS-15 PASS-0339					1DP
1379	332 02:06:37	31	10	SET		10.2 DEGREE SET DSC-10					1V
1380	332 07:05:04	31	60	RISE		10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1381	332 07:12:15	31	40 SET			10.2 DEGREE SET DSC-40					1V
1382	332 08:25:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0339 (D/L ONLY)					1DP
1383	332 08:25:00	31				CFG CODES					1DP
1384	332 12:00:00	31				VGR-31 OWLT IS 13H 37M 05S					1L
1385	332 14:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0339					1DP
1386	332 14:37:35	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1387	332 16:15:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0340 (D/L ONLY)					1DP
1388	332 16:15:00	31				CFG CODES					1DP
1389	332 18:13:44	31	60 SET			14.5 DEGREE SET DSC-60					1V
1390	332 22:02:56	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1391	333 00:00:00	31				VGR-31 OWLT IS 13H 37M 07S					1L
1392	333 00:30:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0340					1DP
1393	333 02:02:44	31	10 SET			10.2 DEGREE SET DSC-10					1V
1394	333 06:50:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0340 (D/L ONLY)					1DP
1395	333 06:50:00	31				CFG CODES					1DP
1396	333 07:01:11	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1397	333 07:08:22	31	40 SET			10.2 DEGREE SET DSC-40					1V
1398	333 12:00:00	31				VGR-31 OWLT IS 13H 37M 10S					1L
1399	333 12:25:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0340					1DP
1400	333 14:33:42	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1401	333 15:20:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0341 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1402	333 15:20:00	31				CFG CODES					1DP
1403	333 18:09:52	31	60 SET			14.5 DEGREE SET DSC-60					1V
1404	333 21:59:02	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1405	334 00:00:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0341					1DP
1406	334 00:00:00	31				VGR-31 OWLT IS 13H 37M 13S					1L
1407	334 01:58:50	31	10 SET			10.2 DEGREE SET DSC-10					1V
1408	334 02:38:26	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1409	334 02:38:26	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
1410	334 02:39:14	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1411	334 02:39:14	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
1412	334 02:41:50	31				BEGIN PWSREC.31			64674:39:001F	05-333/13:04:35	1T
1413	334 02:41:50	31			SC32AJ	(10) PLS CONFIG CMD	FDS		64674:39:010F	05-333/13:04:36	1ECF
1414	334 02:42:38	31				B- DRGS4B			64674:40:001F	05-333/13:05:23	1TB
1415	334 02:42:38	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		64674:40:009F	05-333/13:05:24	1ECF
1416	334 02:43:22	31				BEGIN RECORDING PWS DATA			64674:40:734F	05-333/13:06:07	1T
1417	334 02:43:22	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		64674:40:735F	05-333/13:06:08	1ECd

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1418	334 02:43:22	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:1746	DTR		64674:40:735F	05-333/13:06:08	1ESd
1419	334 02:43:26	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	64674:41:001F	05-333/13:06:11	1ESf
1420	334 02:43:26	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		64674:41:002F	05-333/13:06:11	1ECs
1421	334 02:43:27	31				B- DRCRUS			64674:41:018F	05-333/13:06:12	1TB
1422	334 02:43:27	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		64674:41:026F	05-333/13:06:13	1ECf
1423	334 02:44:14	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	64674:42:001F	05-333/13:06:59	1ESf
1424	334 02:44:14	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		64674:42:002F	05-333/13:06:59	1ECs
1425	334 02:44:14	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		64674:42:002F	05-333/13:07:00	1ECd
1426	334 02:44:14	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2038	DTR		64674:42:002F	05-333/13:07:00	1ESd

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1427	334 02:45:02	31			SC32AJ	(13) PLS CONFIG CMD	FDS		64674:43:009F	05-333/13:07:48	1ECf
1428	334 02:45:03	31				END PWSREC.31			64674:43:018F	05-333/13:07:48	1T
1429	334 06:57:18	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1430	334 07:04:29	31	40 SET			10.2 DEGREE SET DSC-40					1V
1431	334 08:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0341 (D/L ONLY)					1DP
1432	334 08:05:00	31				CFG CODES					1DP
1433	334 12:00:00	31				VGR-31 OWLT IS 13H 37M 16S					1L
1434	334 13:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0341					1DP
1435	334 14:29:49	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1436	334 15:05:52	31			AC7SSB	(3 +010) SS BIAS CONTROL - PITCH	AACS		64690:09:003F	05-334/01:28:36	1ECa
1437	334 17:50:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0342 (D/L ONLY)					1DP
1438	334 17:50:00	31				CFG CODES					1DP
1439	334 18:06:00	31	60 SET			14.5 DEGREE SET DSC-60					1V
1440	334 21:55:09	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1441	335 00:00:00	31				VGR-31 OWLT IS 13H 37M 18S					1L
1442	335 00:50:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0342					1DP
1443	335 01:54:56	31	10 SET			10.2 DEGREE SET DSC-10					1V
1444	335 06:53:25	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1445	335 07:00:36	31	40 SET			10.2 DEGREE SET DSC-40					1V
1446	335 08:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0342 (D/L ONLY)					1DP
1447	335 08:05:00	31				CFG CODES					1DP
1448	335 12:00:00	31				VGR-31 OWLT IS 13H 37M 21S					1L

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1449	335 13:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0342					1DP
1450	335 14:25:56	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1451	335 17:20:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0343 (D/L ONLY)					1DP
1452	335 17:20:00	31				CFG CODES					1DP
1453	335 18:02:05	31	60 SET			14.5 DEGREE SET DSC-60					1V
1454	335 21:51:15	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1455	335 22:12:23	31			AC7SSB	(4 +158) SS BIAS CONTROL --- YAW	AACS		64729:02:003F	05-335/08:35:00	1ECa
1456	335 22:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0343 (D/L ONLY)					1DP
1457	335 22:15:00	31				CFG CODES					1DP
1458	335 22:30:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0343					1DP
1459	336 00:00:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0343					1DP
1460	336 00:00:00	31				VGR-31 OWLT IS 13H 37M 24S					1L
1461	336 01:51:03	31	10 SET			10.2 DEGREE SET DSC-10					1V
1462	336 06:40:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0343 (D/L ONLY)					1DP
1463	336 06:40:00	31				CFG CODES					1DP
1464	336 06:49:32	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1465	336 06:56:43	31	40 SET			10.2 DEGREE SET DSC-40					1V
1466	336 12:00:00	31				VGR-31 OWLT IS 13H 37M 26S					1L
1467	336 13:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0343					1DP
1468	336 14:22:03	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1469	336 15:10:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0344 (D/L ONLY)					1DP





FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1485	337 08:39:31	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
1486	337 08:41:19	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		64772:08:002F	05-336/19:03:48	1ECD
1487	337 08:41:19	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1457	DTR		64772:08:002F	05-336/19:03:48	1ESD
1488	337 08:42:07	31			SC32AJ	(10) PLS CONFIG CMD	FDS		64772:09:009F	05-336/19:04:36	1ECF
1489	337 08:42:08	31				AHEL11 PWSREC 14			64772:09:018F	05-336/19:04:36	1T
1490	337 08:42:08	31				B- PWSREC.31			64772:09:018F	05-336/19:04:36	1TB
1491	337 08:42:08	31				BEGIN PWSREC.31			64772:09:018F	05-336/19:04:36	1T
1492	337 08:42:55	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		64772:10:009F	05-336/19:05:24	1ECF
1493	337 08:42:56	31				B- DRGS4B			64772:10:018F	05-336/19:05:24	1TB
1494	337 08:43:39	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		64772:10:735F	05-336/19:06:08	1ECD
1495	337 08:43:39	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:1457	DTR		64772:10:735F	05-336/19:06:08	1ESD
1496	337 08:43:40	31				BEGIN RECORDING PWS DATA			64772:10:751F	05-336/19:06:08	1T
1497	337 08:43:43	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	64772:11:001F	05-336/19:06:11	1ESF

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1498	337 08:43:43	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		64772:11:002F	05-336/19:06:11	1ECs
1499	337 08:43:44	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		64772:11:026F	05-336/19:06:13	1ECf
1500	337 08:43:45	31				B- DRCRUS			64772:11:034F	05-336/19:06:13	1TB
1501	337 08:44:31	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	64772:12:001F	05-336/19:06:59	1ESf
1502	337 08:44:31	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		64772:12:002F	05-336/19:06:59	1ECs
1503	337 08:44:31	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		64772:12:002F	05-336/19:07:00	1ECd
1504	337 08:44:31	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1750	DTR		64772:12:002F	05-336/19:07:00	1ESd
1505	337 08:45:19	31			SC32AJ	(13) PLS CONFIG CMD	FDS		64772:13:009F	05-336/19:07:48	1ECf
1506	337 08:45:21	31				END PWSREC.31			64772:13:034F	05-336/19:07:49	1T
1507	337 10:50:55	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		64774:50:002F	05-336/21:13:24	1ECd
1508	337 10:50:55	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1756	DTR		64774:50:002F	05-336/21:13:24	1ESd
1509	337 11:04:15	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		64775:06:538F	05-336/21:26:44	1ECd

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1510	337 11:04:15	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2045	DTR		64775:06:538F	05-336/21:26:44	1ESd
1511	337 12:00:00	31				VGR-31 OWLT IS 13H 37M 32S					1L
1512	337 13:50:56	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		64778:35:002F	05-337/00:13:24	1ECd
1513	337 14:05:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0345 (D/L ONLY)					1DP
1514	337 14:05:00	31				CFG CODES					1DP
1515	337 14:18:10	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1516	337 17:54:21	31	60 SET			14.5 DEGREE SET DSC-60					1V
1517	337 21:43:28	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1518	338 00:00:00	31				VGR-31 OWLT IS 13H 37M 34S					1L
1519	338 01:43:16	31	10 SET			10.2 DEGREE SET DSC-10					1V
1520	338 01:55:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0345					1DP
1521	338 06:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0345 (D/L ONLY)					1DP
1522	338 06:30:00	31				CFG CODES					1DP
1523	338 06:41:46	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1524	338 06:48:57	31	40 SET			10.2 DEGREE SET DSC-40					1V
1525	338 12:00:00	31				VGR-31 OWLT IS 13H 37M 37S					1L
1526	338 13:30:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0345					1DP
1527	338 14:14:16	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1528	338 15:50:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0346 (D/L ONLY)					1DP
1529	338 15:50:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1530	338 17:50:27	31	60 SET			14.5 DEGREE SET DSC-60					1V
1531	338 21:39:35	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1532	339 00:00:00	31				VGR-31 OWLT IS 13H 37M 39S					1L
1533	339 00:05:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0346					1DP
1534	339 01:39:22	31	10 SET			10.2 DEGREE SET DSC-10					1V
1535	339 06:25:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0346 (D/L ONLY)					1DP
1536	339 06:25:00	31				CFG CODES					1DP
1537	339 06:37:53	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1538	339 06:45:04	31	40 SET			10.2 DEGREE SET DSC-40					1V
1539	339 12:00:00	31				VGR-31 OWLT IS 13H 37M 42S					1L
1540	339 12:20:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0346					1DP
1541	339 14:10:23	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1542	339 14:16:42	31			AC7SSB	(3 +009) SS BIAS CONTROL - PITCH	AACS		64839:07:003F	05-339/00:39:00	1ECa
1543	339 17:15:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0347 (D/L ONLY)					1DP
1544	339 17:15:00	31				CFG CODES					1DP
1545	339 17:46:35	31	60 SET			14.5 DEGREE SET DSC-60					1V
1546	339 21:35:41	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1547	340 00:00:00	31				VGR-31 OWLT IS 13H 37M 44S					1L
1548	340 00:50:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0347					1DP
1549	340 01:35:29	31	10 SET			10.2 DEGREE SET DSC-10					1V
1550	340 06:20:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0347 (D/L ONLY)					1DP
1551	340 06:20:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1552	340 06:34:00	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1553	340 06:41:11	31	40 SET			10.2 DEGREE SET DSC-40					1V
1554	340 12:00:00	31				VGR-31 OWLT IS 13H 37M 46S					1L
1555	340 12:15:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0347					1DP
1556	340 14:06:30	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1557	340 17:20:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0348 (D/L ONLY)					1DP
1558	340 17:20:00	31				CFG CODES					1DP
1559	340 17:42:43	31	60 SET			14.5 DEGREE SET DSC-60					1V
1560	340 21:31:48	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1561	340 21:55:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0348					1DP
1562	340 23:31:13	31			AC7SSB	(4 +159) SS BIAS CONTROL --- YAW	AACS		64880:40:003F	05-340/09:53:24	1ECa
1563	341 00:00:00	31				VGR-31 OWLT IS 13H 37M 49S					1L
1564	341 01:31:36	31	10 SET			10.2 DEGREE SET DSC-10					1V
1565	341 02:15:01	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1566	341 02:15:01	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
1567	341 02:15:49	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1568	341 02:15:49	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
1569	341 02:18:25	31				BEGIN PWSREC.31			64884:09:001F	05-340/12:40:35	1T
1570	341 02:18:25	31			SC32AJ	(10) PLS CONFIG CMD	FDS		64884:09:009F	05-340/12:40:36	1ECf

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1571	341 02:19:13	31				B- DRGS4B			64884:10:001F	05-340/12:41:23	1TB
1572	341 02:19:13	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		64884:10:009F	05-340/12:41:24	1ECf
1573	341 02:19:57	31				BEGIN RECORDING PWS DATA			64884:10:734F	05-340/12:42:07	1T
1574	341 02:19:57	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		64884:10:735F	05-340/12:42:08	1ECd
1575	341 02:19:57	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2045	DTR		64884:10:735F	05-340/12:42:08	1ESd
1576	341 02:20:01	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	64884:11:001F	05-340/12:42:11	1ESf
1577	341 02:20:01	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		64884:11:002F	05-340/12:42:11	1ECs
1578	341 02:20:02	31				B- DRCRUS			64884:11:018F	05-340/12:42:12	1TB
1579	341 02:20:02	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		64884:11:026F	05-340/12:42:13	1ECf
1580	341 02:20:49	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	64884:12:001F	05-340/12:42:59	1ESf

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1581	341 02:20:49	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		64884:12:002F	05-340/12:42:59	1ECs
1582	341 02:20:49	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		64884:12:002F	05-340/12:43:00	1ECd
1583	341 02:20:49	31				DTR STATUS MODE:RDY          RATE:000.0K DIR:F          TRK:1          TIC:2337	DTR		64884:12:002F	05-340/12:43:00	1ESd
1584	341 02:21:37	31			SC32AJ	(13) PLS CONFIG CMD	FDS		64884:13:009F	05-340/12:43:48	1ECf
1585	341 02:21:38	31				END PWSREC.31			64884:13:018F	05-340/12:43:48	1T
1586	341 06:30:07	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1587	341 06:37:18	31	40 SET			10.2 DEGREE SET DSC-40					1V
1588	341 12:00:00	31				VGR-31 OWLT IS 13H 37M 51S					1L
1589	341 14:02:37	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1590	341 15:45:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0349 (D/L ONLY)					1DP
1591	341 15:45:00	31				CFG CODES					1DP
1592	341 17:38:49	31	60 SET			14.5 DEGREE SET DSC-60					1V
1593	341 17:59:04	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1594	341 17:59:04	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
1595	341 17:59:16	31				BEGIN PMPCALLR			64903:45:001F	05-341/04:21:23	1T
1596	341 18:03:16	31				B- DRCR5T			64903:50:001F	05-341/04:25:23	1TB



FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1597	341 18:03:16	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		64903:50:009F	05-341/04:25:24	1ECf
1598	341 18:04:04	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	64903:51:001F	05-341/04:26:11	1ESf
1599	341 18:04:04	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		64903:51:001F	05-341/04:26:11	1ECs
1600	341 18:10:28	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		64903:59:009F	05-341/04:32:36	1ECf
1601	341 18:11:16	31				BEGIN PLS/MAG/PESCAL			64904:00:001F	05-341/04:33:23	1T
1602	341 19:53:40	31				END PLSCAL			64906:08:001F	05-341/06:15:47	1T
1603	341 21:13:41	31				END MAGCAL			64907:48:001F	05-341/07:35:47	1T
1604	341 21:27:05	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1605	341 21:27:05	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
1606	341 21:27:54	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1607	341 21:31:17	31				END PESCAL			64908:10:001F	05-341/07:53:23	1T
1608	341 21:31:17	31				B- DRCSR			64908:10:001F	05-341/07:53:23	1TB

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1609	341 21:31:17	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		64908:10:010F	05-341/07:53:24	1ECf
1610	341 21:32:05	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	64908:11:001F	05-341/07:54:11	1ESf
1611	341 21:32:05	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		64908:11:002F	05-341/07:54:11	1ECs
1612	341 21:32:06	31				END PMPCALLR			64908:11:018F	05-341/07:54:12	1T
1613	341 23:45:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0349					1DP
1614	342 00:00:00	31				VGR-31 OWLT IS 13H 37M 53S					1L
1615	342 01:27:42	31	10 SET			10.2 DEGREE SET DSC-10					1V
1616	342 06:26:13	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1617	342 06:33:25	31	40 SET			10.2 DEGREE SET DSC-40					1V
1618	342 06:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0349 (D/L ONLY)					1DP
1619	342 06:45:00	31				CFG CODES					1DP
1620	342 12:00:00	31				VGR-31 OWLT IS 13H 37M 55S					1L
1621	342 13:58:44	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1622	342 14:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0349					1DP
1623	342 15:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0350 (D/L ONLY)					1DP
1624	342 15:30:00	31				CFG CODES					1DP
1625	342 17:34:57	31	60 SET			14.5 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1626	342 21:24:01	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1627	342 23:45:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0350					1DP
1628	343 00:00:00	31				VGR-31 OWLT IS 13H 37M 58S					1L
1629	343 01:23:49	31	10 SET			10.2 DEGREE SET DSC-10					1V
1630	343 06:22:20	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1631	343 06:29:32	31	40 SET			10.2 DEGREE SET DSC-40					1V
1632	343 07:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0350 (D/L ONLY)					1DP
1633	343 07:45:00	31				CFG CODES					1DP
1634	343 12:00:00	31				VGR-31 OWLT IS 13H 38M 00S					1L
1635	343 13:54:51	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1636	343 14:40:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0351 (D/L ONLY)					1DP
1637	343 14:40:00	31				CFG CODES					1DP
1638	343 14:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0350					1DP
1639	343 17:31:02	31	60 SET			14.5 DEGREE SET DSC-60					1V
1640	343 21:20:07	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1641	343 23:10:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0351					1DP
1642	344 00:00:00	31				VGR-31 OWLT IS 13H 38M 02S					1L
1643	344 01:19:55	31	10 SET			10.2 DEGREE SET DSC-10					1V
1644	344 05:17:51	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		64977:53:002F	05-343/15:39:48	1ECd
1645	344 05:17:51	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2344	DTR		64977:53:002F	05-343/15:39:48	1ESd



FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1661	344 08:18:40	31				BEGIN PWSREC.31			64981:39:018F	05-343/18:40:36	1T
1662	344 08:19:27	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		64981:40:009F	05-343/18:41:24	1ECf
1663	344 08:19:28	31				B- DRGS4B			64981:40:018F	05-343/18:41:24	1TB
1664	344 08:20:12	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		64981:40:735F	05-343/18:42:08	1ECd
1665	344 08:20:12	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:1756	DTR		64981:40:735F	05-343/18:42:08	1ESd
1666	344 08:20:13	31				BEGIN RECORDING PWS DATA			64981:40:751F	05-343/18:42:08	1T
1667	344 08:20:16	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	64981:41:001F	05-343/18:42:11	1ESf
1668	344 08:20:16	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		64981:41:002F	05-343/18:42:11	1ECs
1669	344 08:20:17	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		64981:41:026F	05-343/18:42:13	1ECf
1670	344 08:20:18	31				B- DRCRUS			64981:41:034F	05-343/18:42:13	1TB
1671	344 08:21:04	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	64981:42:001F	05-343/18:42:59	1ESf

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1672	344 08:21:04	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		64981:42:002F	05-343/18:43:00	1ECs
1673	344 08:21:04	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		64981:42:002F	05-343/18:43:00	1ECd
1674	344 08:21:04	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2049	DTR		64981:42:002F	05-343/18:43:00	1ESd
1675	344 08:21:52	31			SC32AJ	(13) PLS CONFIG CMD	FDS		64981:43:009F	05-343/18:43:48	1ECf
1676	344 08:21:54	31				END PWSREC.31			64981:43:034F	05-343/18:43:49	1T
1677	344 10:27:28	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		64984:20:002F	05-343/20:49:24	1ECd
1678	344 10:27:28	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2055	DTR		64984:20:002F	05-343/20:49:24	1ESd
1679	344 10:40:48	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		64984:36:537F	05-343/21:02:44	1ECd
1680	344 10:40:48	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2344	DTR		64984:36:537F	05-343/21:02:44	1ESd
1681	344 12:00:00	31				VGR-31 OWLT IS 13H 38M 04S					1L
1682	344 13:27:28	31			AC7SSB	(3 +008) SS BIAS CONTROL - PITCH	AACS		64988:05:003F	05-343/23:49:24	1ECa
1683	344 13:27:28	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		64988:05:003F	05-343/23:49:24	1ECd
1684	344 13:50:58	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1685	344 15:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0351					1DP
1686	344 16:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0352 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1687	344 16:45:00	31				CFG CODES					1DP
1688	344 17:27:10	31	60	SET		14.5 DEGREE SET DSC-60					1V
1689	344 20:50:00	31	15	LOS	OPCH ACE	LOS DSS-15 PASS-0352					1DP
1690	344 21:16:14	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1691	345 00:00:00	31				VGR-31 OWLT IS 13H 38M 06S					1L
1692	345 01:16:02	31	10	SET		10.2 DEGREE SET DSC-10					1V
1693	345 06:14:34	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1694	345 06:21:46	31	40	SET		10.2 DEGREE SET DSC-40					1V
1695	345 08:50:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-0352 (D/L ONLY)					1DP
1696	345 08:50:00	31				CFG CODES					1DP
1697	345 12:00:00	31				VGR-31 OWLT IS 13H 38M 08S					1L
1698	345 13:00:00	31	65	LOS	OPCH ACE	LOS DSS-65 PASS-0352					1DP
1699	345 13:47:04	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
1700	345 16:45:00	31	15	AOS	OPCH ACE	AOS DSS-15 PASS-0353 (D/L ONLY)					1DP
1701	345 16:45:00	31				CFG CODES					1DP
1702	345 17:23:16	31	60	SET		14.5 DEGREE SET DSC-60					1V
1703	345 21:12:21	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1704	345 23:50:00	31	15	LOS	OPCH ACE	LOS DSS-15 PASS-0353					1DP
1705	346 00:00:00	31				VGR-31 OWLT IS 13H 38M 10S					1L
1706	346 00:49:58	31			AC7SSB	(4 +160) SS BIAS CONTROL --- YAW	AACS		65032:18:003F	05-345/11:11:48	1ECa
1707	346 01:12:09	31	10	SET		10.2 DEGREE SET DSC-10					1V
1708	346 06:10:41	31	60	RISE		10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1709	346 06:17:52	31	40 SET			10.2 DEGREE SET DSC-40					1V
1710	346 07:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0353 (D/L ONLY)					1DP
1711	346 07:50:00	31				CFG CODES					1DP
1712	346 12:00:00	31				VGR-31 OWLT IS 13H 38M 12S					1L
1713	346 13:43:11	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1714	346 15:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0353					1DP
1715	346 16:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0354 (D/L ONLY)					1DP
1716	346 16:45:00	31				CFG CODES					1DP
1717	346 17:19:24	31	60 SET			14.5 DEGREE SET DSC-60					1V
1718	346 21:08:27	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1719	346 23:45:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0354					1DP
1720	347 00:00:00	31				VGR-31 OWLT IS 13H 38M 14S					1L
1721	347 01:08:15	31	10 SET			10.2 DEGREE SET DSC-10					1V
1722	347 05:50:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0354 (D/L ONLY)					1DP
1723	347 05:50:00	31				CFG CODES					1DP
1724	347 06:06:48	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1725	347 06:13:59	31	40 SET			10.2 DEGREE SET DSC-40					1V
1726	347 12:00:00	31				VGR-31 OWLT IS 13H 38M 16S					1L
1727	347 12:30:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0354					1DP
1728	347 13:39:18	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1729	347 16:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0355 (D/L ONLY)					1DP





FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1746	348 01:56:26	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2344	DTR		65093:40:735F	05-347/12:18:08	1ESd
1747	348 01:56:30	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	65093:41:001F	05-347/12:18:11	1ESf
1748	348 01:56:30	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		65093:41:002F	05-347/12:18:11	1ECs
1749	348 01:56:31	31				B- DRCRUS			65093:41:018F	05-347/12:18:12	1TB
1750	348 01:56:31	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		65093:41:026F	05-347/12:18:13	1ECf
1751	348 01:57:18	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	65093:42:001F	05-347/12:18:59	1ESf
1752	348 01:57:18	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		65093:42:002F	05-347/12:18:59	1ECs
1753	348 01:57:18	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		65093:42:002F	05-347/12:19:00	1ECd
1754	348 01:57:18	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2636	DTR		65093:42:002F	05-347/12:19:00	1ESd

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1755	348 01:58:06	31			SC32AJ	(13) PLS CONFIG CMD	FDS		65093:43:009F	05-347/12:19:48	1ECf
1756	348 01:58:07	31				END PWSREC.31			65093:43:018F	05-347/12:19:48	1T
1757	348 06:02:54	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1758	348 06:10:06	31	40 SET			10.2 DEGREE SET DSC-40					1V
1759	348 10:35:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-0355 (D/L ONLY)					1DP
1760	348 10:35:00	31				CFG CODES					1DP
1761	348 12:00:00	31				VGR-31 OWLT IS 13H 38M 20S					1L
1762	348 12:55:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-0355					1DP
1763	348 13:30:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0356 (D/L ONLY)					1DP
1764	348 13:30:00	31				CFG CODES					1DP
1765	348 13:35:25	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1766	348 17:11:37	31	60 SET			14.5 DEGREE SET DSC-60					1V
1767	348 20:25:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0356					1DP
1768	348 21:00:41	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1769	349 00:00:00	31				VGR-31 OWLT IS 13H 38M 22S					1L
1770	349 01:00:29	31	10 SET			10.2 DEGREE SET DSC-10					1V
1771	349 05:59:01	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1772	349 06:06:13	31	40 SET			10.2 DEGREE SET DSC-40					1V
1773	349 07:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0356 (D/L ONLY)					1DP
1774	349 07:30:00	31				CFG CODES					1DP
1775	349 10:45:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-0356 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1776	349 10:45:00	31				CFG CODES					1DP
1777	349 11:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0356					1DP
1778	349 12:00:00	31				VGR-31 OWLT IS 13H 38M 24S					1L
1779	349 12:35:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-0356					1DP
1780	349 12:38:12	31			AC7SSB	(3 +007) SS BIAS CONTROL - PITCH	AACS		65137:03:003F	05-348/22:59:48	1ECa
1781	349 13:31:32	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1782	349 15:10:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0357 (D/L ONLY)					1DP
1783	349 15:10:00	31				CFG CODES					1DP
1784	349 17:07:43	31	60 SET			14.5 DEGREE SET DSC-60					1V
1785	349 20:25:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0357					1DP
1786	349 20:56:47	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1787	350 00:00:00	31				VGR-31 OWLT IS 13H 38M 26S					1L
1788	350 00:56:35	31	10 SET			10.2 DEGREE SET DSC-10					1V
1789	350 05:40:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0357 (D/L ONLY)					1DP
1790	350 05:40:00	31				CFG CODES					1DP
1791	350 05:55:08	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1792	350 06:02:20	31	40 SET			10.2 DEGREE SET DSC-40					1V
1793	350 07:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0357					1DP
1794	350 09:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0357 (D/L ONLY)					1DP
1795	350 09:00:00	31				CFG CODES					1DP
1796	350 12:00:00	31				VGR-31 OWLT IS 13H 38M 27S					1L

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1797	350 12:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0357					1DP
1798	350 13:27:38	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1799	350 15:05:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0358 (D/L ONLY)					1DP
1800	350 15:05:00	31				CFG CODES					1DP
1801	350 17:03:51	31	60 SET			14.5 DEGREE SET DSC-60					1V
1802	350 20:52:54	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1803	350 22:30:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0358					1DP
1804	351 00:00:00	31				VGR-31 OWLT IS 13H 38M 29S					1L
1805	351 00:52:42	31	10 SET			10.2 DEGREE SET DSC-10					1V
1806	351 02:08:41	31			AC7SSB	(4 +161) SS BIAS CONTROL --- YAW	AACS		65183:56:002F	05-350/12:30:12	1ECa
1807	351 04:54:18	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		65187:23:002F	05-350/15:15:48	1ECd
1808	351 04:54:18	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2643	DTR		65187:23:002F	05-350/15:15:48	1ESd
1809	351 05:21:29	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		65187:56:792F	05-350/15:42:59	1ECd
1810	351 05:21:29	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2055	DTR		65187:56:792F	05-350/15:42:59	1ESd
1811	351 05:51:15	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1812	351 05:58:26	31	40 SET			10.2 DEGREE SET DSC-40					1V
1813	351 07:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0358 (D/L ONLY)					1DP
1814	351 07:10:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1815	351 07:51:42	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1816	351 07:51:42	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
1817	351 07:52:30	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1818	351 07:52:30	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
1819	351 07:54:18	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		65191:08:002F	05-350/18:15:48	1ECd
1820	351 07:54:18	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2055	DTR		65191:08:002F	05-350/18:15:48	1ESd
1821	351 07:55:06	31			SC32AJ	(10) PLS CONFIG CMD	FDS		65191:09:009F	05-350/18:16:36	1ECf
1822	351 07:55:07	31				AHEL11 PWSREC 16			65191:09:018F	05-350/18:16:36	1T
1823	351 07:55:07	31				B- PWSREC.31			65191:09:018F	05-350/18:16:36	1TB
1824	351 07:55:07	31				BEGIN PWSREC.31			65191:09:018F	05-350/18:16:36	1T
1825	351 07:55:54	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 : TELEMTRY	FDS		65191:10:009F	05-350/18:17:24	1ECf
1826	351 07:55:55	31				B- DRGS4B			65191:10:018F	05-350/18:17:24	1TB
1827	351 07:56:38	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		65191:10:735F	05-350/18:18:08	1ECd

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1828	351 07:56:38	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2055	DTR		65191:10:735F	05-350/18:18:08	1ESd
1829	351 07:56:39	31				BEGIN RECORDING PWS DATA			65191:10:751F	05-350/18:18:08	1T
1830	351 07:56:42	31		ACE	OPCH	FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	65191:11:001F	05-350/18:18:11	1ESf
1831	351 07:56:42	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		65191:11:002F	05-350/18:18:11	1ECs
1832	351 07:56:43	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		65191:11:026F	05-350/18:18:13	1ECf
1833	351 07:56:44	31				B- DRCRUS			65191:11:034F	05-350/18:18:13	1TB
1834	351 07:57:30	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	65191:12:001F	05-350/18:18:59	1ESF
1835	351 07:57:30	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		65191:12:002F	05-350/18:19:00	1ECs
1836	351 07:57:30	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		65191:12:002F	05-350/18:19:00	1ECd

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1837	351 07:57:30	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2348	DTR		65191:12:002F	05-350/18:19:00	1ESd
1838	351 07:58:18	31			SC32AJ	(13) PLS CONFIG CMD	FDS		65191:13:009F	05-350/18:19:48	1ECf
1839	351 07:58:20	31				END PWSREC.31			65191:13:034F	05-350/18:19:49	1T
1840	351 10:03:54	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		65193:50:002F	05-350/20:25:24	1ECd
1841	351 10:03:54	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2354	DTR		65193:50:002F	05-350/20:25:24	1ESd
1842	351 10:17:14	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		65194:06:537F	05-350/20:38:44	1ECd
1843	351 10:17:14	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2643	DTR		65194:06:537F	05-350/20:38:44	1ESd
1844	351 12:00:00	31				VGR-31 OWLT IS 13H 38M 31S					1L
1845	351 13:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0358					1DP
1846	351 13:03:55	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		65197:35:002F	05-350/23:25:24	1ECd
1847	351 13:23:45	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1848	351 14:30:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0359 (D/L ONLY)					1DP
1849	351 14:30:00	31				CFG CODES					1DP
1850	351 16:59:57	31	60 SET			14.5 DEGREE SET DSC-60					1V
1851	351 20:49:01	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1852	351 23:25:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0359					1DP
1853	352 00:00:00	31				VGR-31 OWLT IS 13H 38M 32S					1L



FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1854	352 00:48:49	31	10 SET			10.2 DEGREE SET DSC-10					1V
1855	352 05:47:21	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1856	352 05:54:33	31	40 SET			10.2 DEGREE SET DSC-40					1V
1857	352 07:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0359 (D/L ONLY)					1DP
1858	352 07:10:00	31				CFG CODES					1DP
1859	352 12:00:00	31				VGR-31 OWLT IS 13H 38M 34S					1L
1860	352 13:19:52	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1861	352 14:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0359					1DP
1862	352 16:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0360 (D/L ONLY)					1DP
1863	352 16:30:00	31				CFG CODES					1DP
1864	352 16:56:04	31	60 SET			14.5 DEGREE SET DSC-60					1V
1865	352 20:45:08	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1866	352 23:45:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0360					1DP
1867	353 00:00:00	31				VGR-31 OWLT IS 13H 38M 36S					1L
1868	353 00:44:56	31	10 SET			10.2 DEGREE SET DSC-10					1V
1869	353 05:43:28	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1870	353 05:50:39	31	40 SET			10.2 DEGREE SET DSC-40					1V
1871	353 07:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0360 (D/L ONLY)					1DP
1872	353 07:05:00	31				CFG CODES					1DP
1873	353 12:00:00	31				VGR-31 OWLT IS 13H 38M 37S					1L
1874	353 13:15:58	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1875	353 14:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0360					1DP

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1876	353 16:25:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0361 (D/L ONLY)					1DP
1877	353 16:25:00	31				CFG CODES					1DP
1878	353 16:52:10	31	60 SET			14.5 DEGREE SET DSC-60					1V
1879	353 20:41:14	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1880	353 23:50:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0361					1DP
1881	354 00:00:00	31				VGR-31 OWLT IS 13H 38M 39S					1L
1882	354 00:41:02	31	10 SET			10.2 DEGREE SET DSC-10					1V
1883	354 05:25:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0361 (D/L ONLY)					1DP
1884	354 05:25:00	31				CFG CODES					1DP
1885	354 05:39:34	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1886	354 05:46:46	31	40 SET			10.2 DEGREE SET DSC-40					1V
1887	354 11:48:52	31			AC7SSB	(3 +006) SS BIAS CONTROL - PITCH	AACS		65286:01:003F	05-353/22:10:12	1ECa
1888	354 11:55:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0361					1DP
1889	354 12:00:00	31				VGR-31 OWLT IS 13H 38M 40S					1L
1890	354 13:12:05	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1891	354 16:15:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0362 (D/L ONLY)					1DP
1892	354 16:15:00	31				CFG CODES					1DP
1893	354 16:48:18	31	60 SET			14.5 DEGREE SET DSC-60					1V
1894	354 20:37:21	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1895	354 23:40:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0362					1DP
1896	355 00:00:00	31				VGR-31 OWLT IS 13H 38M 42S					1L
1897	355 00:37:09	31	10 SET			10.2 DEGREE SET DSC-10					1V



FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1910	355 01:32:54	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		65303:11:002F	05-354/11:54:11	1ECs
1911	355 01:32:55	31				B- DRCRUS			65303:11:018F	05-354/11:54:12	1TB
1912	355 01:32:55	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		65303:11:026F	05-354/11:54:13	1ECf
1913	355 01:33:42	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	65303:12:001F	05-354/11:54:59	1ESf
1914	355 01:33:42	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		65303:12:002F	05-354/11:54:59	1ECs
1915	355 01:33:42	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		65303:12:002F	05-354/11:55:00	1ECd
1916	355 01:33:42	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2935	DTR		65303:12:002F	05-354/11:55:00	1ESd
1917	355 01:34:30	31			SC32AJ	(13) PLS CONFIG CMD	FDS		65303:13:009F	05-354/11:55:48	1ECf
1918	355 01:34:31	31				END PWSREC.31			65303:13:018F	05-354/11:55:48	1T
1919	355 05:35:41	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1920	355 05:42:53	31	40 SET			10.2 DEGREE SET DSC-40					1V
1921	355 07:00:00	31	65 AOS	OPCH	ACE	AOS DSS-65 PASS-0362 (D/L ONLY)					1DP
1922	355 07:00:00	31				CFG CODES					1DP
1923	355 09:00:07	31				B- RPLY14.31			65312:30:001F	05-354/19:21:23	1TB

## FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1924	355 09:00:07	31				BEGIN REPLAY31			65312:30:001F	05-354/19:21:23	1T
1925	355 09:00:07	31				BEGIN TAPPOS			65312:30:001F	05-354/19:21:23	1T
1926	355 09:00:07	31				TAPPOS TO 1300			65312:30:001F	05-354/19:21:23	1T
1927	355 09:00:07	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		65312:30:002F	05-354/19:21:24	1ECd
1928	355 09:00:07	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2942	DTR		65312:30:002F	05-354/19:21:24	1ESd
1929	355 10:16:06	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		65314:04:788F	05-354/20:37:23	1ECd
1930	355 10:16:06	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1300	DTR		65314:04:788F	05-354/20:37:23	1ESd
1931	355 12:00:00	31				VGR-31 OWLT IS 13H 38M 43S					1L
1932	355 12:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0362					1DP
1933	355 13:00:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0363 (D/L ONLY)					1DP
1934	355 13:00:00	31				CFG CODES					1DP
1935	355 13:08:11	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1936	355 15:29:32	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
1937	355 15:30:32	31				B- XHIPWR.31			65320:38:001F	05-355/01:51:47	1TB
1938	355 15:30:32	31				BEGIN XHIPWR31			65320:38:001F	05-355/01:51:47	1T
1939	355 15:30:32	31			CC1TR	BAY 1 HTR OFF	PWR		65320:38:002F	05-355/01:51:48	1ECp
1940	355 15:34:32	31				X BAND HIGH POWER			65320:43:001F	05-355/01:55:47	1T
1941	355 15:34:32	31			DC2H	X-BAND TWT HIGH POWER	RFS		65320:43:002F	05-355/01:55:47	1ECr



FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1953	355 16:15:20	31			AC7MLD	(0000) MISC LOGIC CNTL MEM DUMP	AACS		65321:34:003F	05-355/02:36:36	1ECa
1954	355 16:30:20	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1955	355 16:34:32	31			SC06PV	(8004) FDS TREE SWITCH ID CCS MEMORY READ OUT	FDS		65321:58:009F	05-355/02:55:48	1ECf
1956	355 16:34:33	31			SC06BB	(16 0 02 0) FDS MODE TO: EH-12 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CCS MEM R/O AACS READOUT MODE : TELEMETRY	FDS		65321:58:019F	05-355/02:55:49	1ECf
1957	355 16:35:18	31				END AACS R/O			65321:58:768F	05-355/02:56:33	1T
1958	355 16:35:19	31				BEGIN CCS MEM R/O			65321:58:784F	05-355/02:56:34	1T
1959	355 16:35:20	31		ACE OPCH		FDS STATUS EH-12/X1.2K/S(N/A) MEM:PA/FDS11	FDS	CCS R/O	65321:59:001F	05-355/02:56:35	1ESf
1960	355 16:40:08	31			SC06PV	(8005) FDS TREE SWITCH ID CCS MEMORY READ OUT	FDS		65322:05:009F	05-355/03:01:24	1ECf
1961	355 16:41:32	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1962	355 16:44:24	31	60 SET			14.5 DEGREE SET DSC-60					1V
1963	355 16:44:56	31			SC06PU	(0000) FDS R/O START ADDRESS	FDS		65322:11:009F	05-355/03:06:12	1ECf
1964	355 16:45:44	31			SC06BB	(16 0 00 0) FDS MODE TO: EH-12 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : FDS MEM R/O AACS READOUT MODE : TELEMETRY	FDS		65322:12:009F	05-355/03:07:00	1ECf
1965	355 16:46:31	31				END CCS MEM R/O			65322:12:784F	05-355/03:07:46	1T
1966	355 16:46:32	31				BEGIN FDS MEM R/O			65322:13:001F	05-355/03:07:47	1T

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1967	355 16:46:32	31		ACE OPCH		FDS STATUS EH-12/X1.2K/S(N/A) MEM:PA/FDS11	FDS	FDS R/O	65322:13:001F	05-355/03:07:47	1ESf
1968	355 16:54:20	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1969	355 16:54:20	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
1970	355 16:58:32	31				B- DRCRUS			65322:28:001F	05-355/03:19:47	1TB
1971	355 16:58:32	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		65322:28:009F	05-355/03:19:48	1ECf
1972	355 16:59:20	31				END FDS MEM R/O			65322:29:001F	05-355/03:20:35	1T
1973	355 16:59:20	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	65322:29:001F	05-355/03:20:35	1ESf
1974	355 16:59:20	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		65322:29:002F	05-355/03:20:35	1ECs
1975	355 16:59:21	31				END FULMRO			65322:29:018F	05-355/03:20:36	1T
1976	355 17:29:44	31				YAW05			65323:07:001F	05-355/03:50:59	1T
1977	355 17:29:44	31			AC7PAR	(6741 000740) +YAW DB=.05 DEG	AACS		65323:07:004F	05-355/03:51:00	1ECa
1978	355 17:35:08	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf





FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1990	355 18:31:04	31			BOT	BEGIN OF TAPE			65324:23:529F	05-355/04:52:19	1Ed
1991	355 18:31:04	31			BOT	BEGIN OF TAPE			65324:23:533F	05-355/04:52:19	1Ed
1992	355 20:33:28	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1993	355 20:50:20	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1994	355 20:50:20	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
1995	355 20:50:20	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1996	355 20:54:32	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		65327:23:009F	05-355/07:15:48	1ECf
1997	355 20:55:20	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	65327:24:001F	05-355/07:16:35	1ESf
1998	355 20:55:20	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		65327:24:002F	05-355/07:16:35	1ECs
1999	355 20:55:20	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		65327:24:002F	05-355/07:16:36	1ECd
2000	355 20:55:20	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:3316	DTR		65327:24:002F	05-355/07:16:36	1ESd
2001	355 20:55:20	31			CC6AD	(3 2 0 0) SVC-W4 FDS MEM B WRT PROTECT	FDS		65327:24:002F	05-355/07:16:36	1ECf

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2002	355 20:55:20	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	65327:24:002F	05-355/07:16:36	1ESf
2003	355 20:55:21	31				END PLAYBACK			65327:24:018F	05-355/07:16:36	1T
2004	355 21:04:56	31				YAWDB - .10			65327:36:001F	05-355/07:26:11	1T
2005	355 21:04:56	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		65327:36:004F	05-355/07:26:12	1ECa
2006	355 21:15:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0363					1DP
2007	356 00:00:00	31				VGR-31 OWLT IS 13H 38M 45S					1L
2008	356 00:33:16	31	10 SET			10.2 DEGREE SET DSC-10					1V
2009	356 05:31:48	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2010	356 05:38:59	31	40 SET			10.2 DEGREE SET DSC-40					1V
2011	356 06:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0363 (D/L ONLY)					1DP
2012	356 06:50:00	31				CFG CODES					1DP
2013	356 12:00:00	31				VGR-31 OWLT IS 13H 38M 46S					1L
2014	356 12:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0363					1DP
2015	356 13:04:18	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2016	356 16:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0364 (D/L ONLY)					1DP
2017	356 16:15:00	31				CFG CODES					1DP
2018	356 16:39:59	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
2019	356 16:40:29	31	60 SET			14.5 DEGREE SET DSC-60					1V
2020	356 16:44:59	31				X BAND LOW POWER			65352:11:001F	05-356/03:06:11	1T
2021	356 16:44:59	31			DC2HR	X-BAND TWT LOW POWER	RFS		65352:11:002F	05-356/03:06:11	1ECr

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2022	356 16:48:59	31			CC1T	BAY 1 HTR ON	PWR		65352:16:002F	05-356/03:10:12	1ECp
2023	356 16:49:00	31				END XHIPWR31			65352:16:018F	05-356/03:10:12	1T
2024	356 17:00:11	31				BEGIN TAPPOS			65352:30:001F	05-356/03:21:23	1T
2025	356 17:00:11	31				TAPPOS TO 2942			65352:30:001F	05-356/03:21:23	1T
2026	356 17:00:11	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		65352:30:002F	05-356/03:21:24	1ECd
2027	356 17:00:11	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3316	DTR		65352:30:002F	05-356/03:21:24	1ESd
2028	356 17:17:28	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		65352:51:490F	05-356/03:38:41	1ECd
2029	356 17:17:28	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2942	DTR		65352:51:490F	05-356/03:38:41	1ESd
2030	356 19:49:47	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		65356:02:002F	05-356/06:11:00	1ECd
2031	356 19:49:47	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2942	DTR		65356:02:002F	05-356/06:11:00	1ESd
2032	356 19:49:48	31				END REPLAY31			65356:02:018F	05-356/06:11:00	1T
2033	356 20:29:35	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2034	356 22:55:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0364					1DP
2035	357 00:00:00	31				VGR-31 OWLT IS 13H 38M 47S					1L
2036	357 00:29:23	31	10 SET			10.2 DEGREE SET DSC-10					1V
2037	357 05:27:54	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2038	357 05:35:06	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2039	357 06:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0364 (D/L ONLY)					1DP
2040	357 06:45:00	31				CFG CODES					1DP
2041	357 11:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0364					1DP
2042	357 12:00:00	31				VGR-31 OWLT IS 13H 38M 49S					1L
2043	357 13:00:25	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2044	357 16:36:37	31	60 SET			14.5 DEGREE SET DSC-60					1V
2045	357 17:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0365 (D/L ONLY)					1DP
2046	357 17:30:00	31				CFG CODES					1DP
2047	357 19:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0365 (D/L ONLY)					1DP
2048	357 19:45:00	31				CFG CODES					1DP
2049	357 20:25:41	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2050	357 21:05:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0365					1DP
2051	357 23:40:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0365					1DP
2052	358 00:00:00	31				VGR-31 OWLT IS 13H 38M 50S					1L
2053	358 00:25:29	31	10 SET			10.2 DEGREE SET DSC-10					1V
2054	358 04:30:39	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		65396:53:002F	05-357/14:51:48	1ECd
2055	358 04:30:39	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2942	DTR		65396:53:002F	05-357/14:51:48	1ESd
2056	358 04:57:52	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		65397:27:013F	05-357/15:19:00	1ECd

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2057	358 04:57:52	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2354	DTR		65397:27:013F	05-357/15:19:00	1ESd
2058	358 05:24:01	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2059	358 05:31:12	31	40 SET			10.2 DEGREE SET DSC-40					1V
2060	358 06:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0365 (D/L ONLY)					1DP
2061	358 06:45:00	31				CFG CODES					1DP
2062	358 07:28:03	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
2063	358 07:28:03	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
2064	358 07:28:51	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
2065	358 07:28:51	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
2066	358 07:30:39	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		65400:38:002F	05-357/17:51:48	1ECd
2067	358 07:30:39	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2354	DTR		65400:38:002F	05-357/17:51:48	1ESd
2068	358 07:31:27	31			SC32AJ	(10) PLS CONFIG CMD	FDS		65400:39:009F	05-357/17:52:36	1ECF
2069	358 07:31:28	31				AHELII1 PWSREC 17			65400:39:018F	05-357/17:52:36	1T
2070	358 07:31:28	31				B- PWSREC.31			65400:39:018F	05-357/17:52:36	1TB
2071	358 07:31:28	31				BEGIN PWSREC.31			65400:39:018F	05-357/17:52:36	1T

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2072	358 07:32:15	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		65400:40:009F	05-357/17:53:24	1ECf
2073	358 07:32:16	31				B- DRGS4B			65400:40:018F	05-357/17:53:24	1TB
2074	358 07:32:59	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		65400:40:735F	05-357/17:54:08	1ECd
2075	358 07:32:59	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2354	DTR		65400:40:735F	05-357/17:54:08	1ESd
2076	358 07:33:00	31				BEGIN RECORDING PWS DATA			65400:40:751F	05-357/17:54:08	1T
2077	358 07:33:03	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	65400:41:001F	05-357/17:54:11	1ESf
2078	358 07:33:03	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		65400:41:002F	05-357/17:54:12	1ECs
2079	358 07:33:04	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		65400:41:026F	05-357/17:54:13	1ECf
2080	358 07:33:05	31				B- DRCRUS			65400:41:034F	05-357/17:54:13	1TB
2081	358 07:33:51	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	65400:42:001F	05-357/17:54:59	1ESf
2082	358 07:33:51	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		65400:42:002F	05-357/17:55:00	1ECd

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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
2083	358 07:33:51	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2647	DTR		65400:42:002F	05-357/17:55:00	1ESd
2084	358 07:33:51	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		65400:42:002F	05-357/17:55:00	1ECs
2085	358 07:34:39	31			SC32AJ	(13) PLS CONFIG CMD	FDS		65400:43:009F	05-357/17:55:48	1ECF
2086	358 07:34:41	31				END PWSREC.31			65400:43:034F	05-357/17:55:49	1T
2087	358 09:40:15	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		65403:20:002F	05-357/20:01:24	1ECd
2088	358 09:40:15	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2653	DTR		65403:20:002F	05-357/20:01:24	1ESd
2089	358 09:53:35	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		65403:36:543F	05-357/20:14:44	1ECd
2090	358 09:53:35	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2942	DTR		65403:36:543F	05-357/20:14:44	1ESd
2091	358 12:00:00	31				VGR-31 OWLT IS 13H 38M 51S					1L
2092	358 12:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0365					1DP
2093	358 12:40:15	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		65407:05:002F	05-357/23:01:24	1ECd
2094	358 12:56:31	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2095	358 14:30:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0366 (D/L ONLY)					1DP
2096	358 14:30:00	31				CFG CODES					1DP
2097	358 16:32:43	31	60 SET			14.5 DEGREE SET DSC-60					1V



FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2098	358 20:21:48	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2099	358 22:45:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0366					1DP
2100	359 00:00:00	31				VGR-31 OWLT IS 13H 38M 53S					1L
2101	359 00:21:36	31	10 SET			10.2 DEGREE SET DSC-10					1V
2102	359 05:20:07	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2103	359 05:27:19	31	40 SET			10.2 DEGREE SET DSC-40					1V
2104	359 07:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0366 (D/L ONLY)					1DP
2105	359 07:30:00	31				CFG CODES					1DP
2106	359 10:04:18	31			AC7SSB	(4 +162) SS BIAS CONTROL --- YAW	AACS		65433:50:003F	05-358/20:25:24	1ECa
2107	359 10:59:30	31			AC7SSB	(3 +005) SS BIAS CONTROL - PITCH	AACS		65434:59:003F	05-358/21:20:36	1ECa
2108	359 11:55:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0366					1DP
2109	359 12:00:00	31				VGR-31 OWLT IS 13H 38M 54S					1L
2110	359 12:52:38	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2111	359 16:28:49	31	60 SET			14.5 DEGREE SET DSC-60					1V
2112	359 17:25:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0367 (D/L ONLY)					1DP
2113	359 17:25:00	31				CFG CODES					1DP
2114	359 20:17:55	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2115	359 21:25:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0367					1DP
2116	360 00:00:00	31				VGR-31 OWLT IS 13H 38M 55S					1L
2117	360 00:17:43	31	10 SET			10.2 DEGREE SET DSC-10					1V
2118	360 05:16:14	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2119	360 05:23:25	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2120	360 06:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0367 (D/L ONLY)					1DP
2121	360 06:35:00	31				CFG CODES					1DP
2122	360 11:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0367					1DP
2123	360 12:00:00	31				VGR-31 OWLT IS 13H 38M 56S					1L
2124	360 12:48:44	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2125	360 13:35:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0368 (D/L ONLY)					1DP
2126	360 13:35:00	31				CFG CODES					1DP
2127	360 16:24:57	31	60 SET			14.5 DEGREE SET DSC-60					1V
2128	360 20:00:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0368					1DP
2129	360 20:14:02	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2130	361 00:00:00	31				VGR-31 OWLT IS 13H 38M 57S					1L
2131	361 00:13:50	31	10 SET			10.2 DEGREE SET DSC-10					1V
2132	361 05:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0368 (D/L ONLY)					1DP
2133	361 05:00:00	31				CFG CODES					1DP
2134	361 05:12:20	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2135	361 05:19:32	31	40 SET			10.2 DEGREE SET DSC-40					1V
2136	361 11:55:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0368					1DP
2137	361 12:00:00	31				VGR-31 OWLT IS 13H 38M 58S					1L
2138	361 12:44:50	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2139	361 16:21:02	31	60 SET			14.5 DEGREE SET DSC-60					1V
2140	361 17:10:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0369 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2141	361 17:10:00	31				CFG CODES					1DP
2142	361 20:10:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0369					1DP
2143	361 20:10:09	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2144	362 00:00:00	31				VGR-31 OWLT IS 13H 38M 59S					1L
2145	362 00:09:56	31	10 SET			10.2 DEGREE SET DSC-10					1V
2146	362 01:04:12	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
2147	362 01:04:12	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
2148	362 01:05:00	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
2149	362 01:05:00	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
2150	362 01:07:36	31				BEGIN PWSREC.31			65512:39:001F	05-361/11:28:35	1T
2151	362 01:07:36	31			SC32AJ	(10) PLS CONFIG CMD	FDS		65512:39:010F	05-361/11:28:36	1ECF
2152	362 01:08:24	31				B- DRGS4B			65512:40:001F	05-361/11:29:23	1TB
2153	362 01:08:24	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACRS READOUT MODE : TELEMETRY	FDS		65512:40:009F	05-361/11:29:24	1ECF
2154	362 01:09:08	31				BEGIN RECORDING PWS DATA			65512:40:734F	05-361/11:30:07	1T
2155	362 01:09:08	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		65512:40:735F	05-361/11:30:08	1ECd

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2156	362 01:09:08	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2942	DTR		65512:40:735F	05-361/11:30:08	1ESd
2157	362 01:09:12	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	65512:41:001F	05-361/11:30:11	1ESf
2158	362 01:09:12	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		65512:41:002F	05-361/11:30:11	1ECs
2159	362 01:09:13	31				B- DRCRUS			65512:41:018F	05-361/11:30:12	1TB
2160	362 01:09:13	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		65512:41:026F	05-361/11:30:13	1ECf
2161	362 01:10:00	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	65512:42:001F	05-361/11:30:59	1ESf
2162	362 01:10:00	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		65512:42:002F	05-361/11:30:59	1ECs
2163	362 01:10:00	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		65512:42:002F	05-361/11:31:00	1ECd
2164	362 01:10:00	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3234	DTR		65512:42:002F	05-361/11:31:00	1ESd

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2165	362 01:10:48	31			SC32AJ	(13) PLS CONFIG CMD	FDS		65512:43:009F	05-361/11:31:48	1ECf
2166	362 01:10:49	31				END PWSREC.31			65512:43:018F	05-361/11:31:48	1T
2167	362 05:08:26	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2168	362 05:15:38	31	40 SET			10.2 DEGREE SET DSC-40					1V
2169	362 06:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0369 (D/L ONLY)					1DP
2170	362 06:30:00	31				CFG CODES					1DP
2171	362 11:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0369					1DP
2172	362 12:00:00	31				VGR-31 OWLT IS 13H 39M 01S					1L
2173	362 12:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0370 (D/L ONLY)					1DP
2174	362 12:30:00	31				CFG CODES					1DP
2175	362 12:40:57	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2176	362 16:17:08	31	60 SET			14.5 DEGREE SET DSC-60					1V
2177	362 20:06:16	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2178	362 23:00:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0370					1DP
2179	363 00:00:00	31				VGR-31 OWLT IS 13H 39M 02S					1L
2180	363 00:06:03	31	10 SET			10.2 DEGREE SET DSC-10					1V
2181	363 05:04:33	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2182	363 05:11:44	31	40 SET			10.2 DEGREE SET DSC-40					1V
2183	363 06:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0370 (D/L ONLY)					1DP
2184	363 06:50:00	31				CFG CODES					1DP
2185	363 12:00:00	31				VGR-31 OWLT IS 13H 39M 03S					1L
2186	363 12:37:03	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2187	363 14:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0370					1DP
2188	363 15:20:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0371 (D/L ONLY)					1DP
2189	363 15:20:00	31				CFG CODES					1DP
2190	363 16:13:13	31	60 SET			14.5 DEGREE SET DSC-60					1V
2191	363 19:35:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0371					1DP
2192	363 20:02:22	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2193	364 00:00:00	31				VGR-31 OWLT IS 13H 39M 03S					1L
2194	364 00:02:10	31	10 SET			10.2 DEGREE SET DSC-10					1V
2195	364 05:00:39	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2196	364 05:05:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0371 (D/L ONLY)					1DP
2197	364 05:05:00	31				CFG CODES					1DP
2198	364 05:07:51	31	40 SET			10.2 DEGREE SET DSC-40					1V
2199	364 10:10:04	31			AC7SSB	(3 +004) SS BIAS CONTROL - PITCH	AACS		00047:57:003F	05-363/20:31:00	1ECa
2200	364 11:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0371					1DP
2201	364 12:00:00	31				VGR-31 OWLT IS 13H 39M 04S					1L
2202	364 12:33:10	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2203	364 14:25:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0372 (D/L ONLY)					1DP
2204	364 14:25:00	31				CFG CODES					1DP
2205	364 16:09:21	31	60 SET			14.5 DEGREE SET DSC-60					1V
2206	364 19:58:29	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2207	364 20:25:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0372					1DP
2208	364 23:58:17	31	10 SET			10.2 DEGREE SET DSC-10					1V



FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2223	365 07:06:54	31					DTR		00074:08:002F	05-364/17:27:48	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2653					
2224	365 07:07:42	31			SC32AJ	(10) PLS CONFIG CMD	FDS		00074:09:009F	05-364/17:28:36	1ECf
2225	365 07:07:43	31				AHEL11 PWSREC 18			00074:09:018F	05-364/17:28:36	1T
2226	365 07:07:43	31				B- PWSREC.31			00074:09:018F	05-364/17:28:36	1TB
2227	365 07:07:43	31				BEGIN PWSREC.31			00074:09:018F	05-364/17:28:36	1T
2228	365 07:08:30	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		00074:10:009F	05-364/17:29:24	1ECf
2229	365 07:08:31	31				B- DRGS4B			00074:10:018F	05-364/17:29:24	1TB
2230	365 07:09:14	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		00074:10:735F	05-364/17:30:08	1ECd
2231	365 07:09:14	31					DTR		00074:10:735F	05-364/17:30:08	1ESd
						DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2653					
2232	365 07:09:15	31				BEGIN RECORDING PWS DATA			00074:10:751F	05-364/17:30:08	1T
2233	365 07:09:18	31		ACE OPCH			FDS	GS-4B	00074:11:001F	05-364/17:30:11	1ESf
						FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION					
2234	365 07:09:18	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		00074:11:002F	05-364/17:30:11	1ECs



FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2235	365 07:09:19	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		00074:11:026F	05-364/17:30:13	1ECf
2236	365 07:09:20	31				B- DRCRUS			00074:11:034F	05-364/17:30:13	1TB
2237	365 07:10:06	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	00074:12:001F	05-364/17:30:59	1ESf
2238	365 07:10:06	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		00074:12:002F	05-364/17:31:00	1ECs
2239	365 07:10:06	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		00074:12:002F	05-364/17:31:00	1ECd
2240	365 07:10:06	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2946	DTR		00074:12:002F	05-364/17:31:00	1ESd
2241	365 07:10:54	31			SC32AJ	(13) PLS CONFIG CMD	FDS		00074:13:009F	05-364/17:31:48	1ECf
2242	365 07:10:56	31				END PWSREC.31			00074:13:034F	05-364/17:31:49	1T
2243	365 09:16:30	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		00076:50:002F	05-364/19:37:24	1ECd
2244	365 09:16:30	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2952	DTR		00076:50:002F	05-364/19:37:24	1ESd
2245	365 09:29:50	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		00077:06:537F	05-364/19:50:44	1ECd
2246	365 09:29:50	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3241	DTR		00077:06:537F	05-364/19:50:44	1ESd

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2247	365 12:00:00	31				VGR-31 OWLT IS 13H 39M 06S					1L
2248	365 12:16:30	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		00080:35:002F	05-364/22:37:24	1ECd
2249	365 12:29:16	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2250	365 14:20:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0373 (D/L ONLY)					1DP
2251	365 14:20:00	31				CFG CODES					1DP
2252	365 15:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0372					1DP
2253	365 16:05:27	31	60 SET			14.5 DEGREE SET DSC-60					1V
2254	365 19:54:36	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2255	365 21:00:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0373					1DP
2256	365 23:54:24	31	10 SET			10.2 DEGREE SET DSC-10					1V
2257	001 00:00:00	31				VGR-31 OWLT IS 13H 39M 07S					1L
2258	001 04:50:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0373 (D/L ONLY)					1DP
2259	001 04:50:00	31				CFG CODES					1DP
2260	001 04:52:51	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2261	001 05:00:03	31	40 SET			10.2 DEGREE SET DSC-40					1V
2262	001 11:55:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0373					1DP
2263	001 12:00:00	31				VGR-31 OWLT IS 13H 39M 08S					1L
2264	001 12:10:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0374 (D/L ONLY)					1DP
2265	001 12:10:00	31				CFG CODES					1DP
2266	001 12:25:22	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2267	001 16:01:33	31	60 SET			14.5 DEGREE SET DSC-60					1V
2268	001 19:50:43	31	40RISE			10.2 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2269	001 20:25:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0374					1DP
2270	001 23:50:30	31	10 SET			10.2 DEGREE SET DSC-10					1V
2271	002 00:00:00	31				VGR-31 OWLT IS 13H 39M 09S					1L
2272	002 04:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0374 (D/L ONLY)					1DP
2273	002 04:45:00	31				CFG CODES					1DP
2274	002 04:48:58	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2275	002 04:56:09	31	40 SET			10.2 DEGREE SET DSC-40					1V
2276	002 11:30:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0374					1DP
2277	002 12:00:00	31				VGR-31 OWLT IS 13H 39M 09S					1L
2278	002 12:21:28	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2279	002 13:24:10	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2280	002 13:29:10	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3241	DTR		00142:05:602F	06-001/23:50:00	1ESd
2281	002 13:29:10	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	00142:05:602F	06-001/23:50:00	1ESf
2282	002 13:39:11	31				A058 UPLINK WINDOW OPEN			00142:18:218F	06-002/00:00:00	1T
2283	002 15:15:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0375 (D/L ONLY)					1DP
2284	002 15:15:00	31				CFG CODES					1DP
2285	002 15:57:38	31	60 SET			14.5 DEGREE SET DSC-60					1V
2286	002 19:25:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0375					1DP



FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2307	004 00:41:12	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
2308	004 00:43:48	31				BEGIN PWSREC.31			00186:09:001F	06-003/11:04:35	1T
2309	004 00:43:48	31			SC32AJ	(10) PLS CONFIG CMD	FDS		00186:09:009F	06-003/11:04:36	1ECF
2310	004 00:44:36	31				B- DRGS4B			00186:10:001F	06-003/11:05:23	1TB
2311	004 00:44:36	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		00186:10:009F	06-003/11:05:24	1ECF
2312	004 00:45:20	31				BEGIN RECORDING PWS DATA			00186:10:734F	06-003/11:06:07	1T
2313	004 00:45:20	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		00186:10:735F	06-003/11:06:08	1ECD
2314	004 00:45:20	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:3241	DTR		00186:10:735F	06-003/11:06:08	1ESd
2315	004 00:45:24	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE -----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	00186:11:001F	06-003/11:06:11	1ESF
2316	004 00:45:24	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		00186:11:002F	06-003/11:06:11	1ECs
2317	004 00:45:25	31				B- DRCRUS			00186:11:018F	06-003/11:06:12	1TB

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2318	004 00:45:25	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		00186:11:026F	06-003/11:06:13	1ECf
2319	004 00:46:12	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	00186:12:001F	06-003/11:06:59	1ESf
2320	004 00:46:12	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		00186:12:002F	06-003/11:06:59	1ECs
2321	004 00:46:12	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		00186:12:002F	06-003/11:07:00	1ECd
2322	004 00:46:12	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3533	DTR		00186:12:002F	06-003/11:07:00	1ESd
2323	004 00:47:00	31			SC32AJ	(13) PLS CONFIG CMD	FDS		00186:13:009F	06-003/11:07:48	1ECf
2324	004 00:47:01	31				END PWSREC.31			00186:13:018F	06-003/11:07:48	1T
2325	004 00:57:24	31				B- DTRMA-1.31			00186:26:001F	06-003/11:18:11	1TB
2326	004 00:57:24	31				BEGIN DTRMA131			00186:26:001F	06-003/11:18:11	1T
2327	004 00:57:24	31			CC16C	(2217) DTR STATE SELECT: SLEW	DTR		00186:26:002F	06-003/11:18:12	1ECd
2328	004 00:57:24	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:7 TIC:3540	DTR		00186:26:002F	06-003/11:18:12	1ESd
2329	004 00:59:30	31			EOT	END OF TAPE			00186:28:496F	06-003/11:20:17	1Ed
2330	004 03:41:24	31			CC16C	(2228) DTR STATE SELECT: SLEW	DTR		00189:51:001F	06-003/14:02:11	1ECd

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2331	004 03:41:24	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:8 TIC:3585	DTR		00189:51:001F	06-003/14:02:11	1ESd
2332	004 03:41:24	31			EOT	END OF TAPE			00189:51:010F	06-003/14:02:12	1Ed
2333	004 04:41:10	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2334	004 04:48:21	31	40 SET			10.2 DEGREE SET DSC-40					1V
2335	004 06:00:00	31	65 AOS	OPCH	ACE	AOS DSS-65 PASS-0376 (D/L ONLY)					1DP
2336	004 06:00:00	31				CFG CODES					1DP
2337	004 06:18:09	31			BOT	BEGIN OF TAPE			00193:06:749F	06-003/16:38:56	1Ed
2338	004 06:19:48	31			AC7SSB	(4 +163) SS BIAS CONTROL --- YAW	AACS		00193:09:003F	06-003/16:40:36	1ECa
2339	004 06:21:22	31				TAPE AT BOT			00193:10:768F	06-003/16:42:09	1T
2340	004 06:21:22	31				END DTRMA131			00193:10:768F	06-003/16:42:09	1T
2341	004 06:25:24	31				TAPPOS-3540			00193:16:001F	06-003/16:46:11	1T
2342	004 06:25:24	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		00193:16:002F	06-003/16:46:11	1ECd
2343	004 06:25:24	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0199	DTR		00193:16:002F	06-003/16:46:11	1ESd
2344	004 06:25:24	31			BOT	BEGIN OF TAPE			00193:16:010F	06-003/16:46:12	1Ed
2345	004 09:00:02	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		00196:29:239F	06-003/19:20:50	1ECd
2346	004 09:00:02	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3540	DTR		00196:29:239F	06-003/19:20:50	1ESd
2347	004 09:13:24	31				REV/TRK 2			00196:46:001F	06-003/19:34:11	1T





FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2363	004 16:29:24	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		00205:51:001F	06-004/02:50:11	1ECs
2364	004 16:35:48	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		00205:59:009F	06-004/02:56:36	1ECf
2365	004 16:36:36	31				BEGIN PLS/MAG/PESCAL			00206:00:001F	06-004/02:57:23	1T
2366	004 18:19:01	31				END PLSCAL			00208:08:001F	06-004/04:39:47	1T
2367	004 19:39:01	31				END MAGCAL			00209:48:001F	06-004/05:59:47	1T
2368	004 19:39:04	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2369	004 19:52:25	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2370	004 19:52:25	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
2371	004 19:56:37	31				END PESCAL			00210:10:001F	06-004/06:17:23	1T
2372	004 19:56:37	31				B- DRCRUS			00210:10:001F	06-004/06:17:23	1TB
2373	004 19:56:37	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		00210:10:009F	06-004/06:17:24	1ECf
2374	004 19:57:25	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	00210:11:001F	06-004/06:18:11	1ESf
2375	004 19:57:25	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		00210:11:002F	06-004/06:18:11	1ECs

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2376	004 19:57:26	31				END PMPCALLR			00210:11:018F	06-004/06:18:12	1T
2377	004 22:45:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0377					1DP
2378	004 23:38:51	31	10 SET			10.2 DEGREE SET DSC-10					1V
2379	005 00:00:00	31				VGR-31 OWLT IS 13H 39M 13S					1L
2380	005 04:37:16	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2381	005 04:44:28	31	40 SET			10.2 DEGREE SET DSC-40					1V
2382	005 06:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0377 (D/L ONLY)					1DP
2383	005 06:10:00	31				CFG CODES					1DP
2384	005 11:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0377					1DP
2385	005 12:00:00	31				VGR-31 OWLT IS 13H 39M 13S					1L
2386	005 12:09:47	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2387	005 13:55:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0378 (D/L ONLY)					1DP
2388	005 13:55:00	31				CFG CODES					1DP
2389	005 15:45:55	31	60 SET			14.5 DEGREE SET DSC-60					1V
2390	005 19:35:10	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2391	005 21:55:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0378					1DP
2392	005 23:34:58	31	10 SET			10.2 DEGREE SET DSC-10					1V
2393	006 00:00:00	31				VGR-31 OWLT IS 13H 39M 14S					1L
2394	006 04:20:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0378 (D/L ONLY)					1DP
2395	006 04:20:00	31				CFG CODES					1DP
2396	006 04:33:22	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2397	006 04:40:34	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2398	006 11:25:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0378					1DP
2399	006 12:00:00	31				VGR-31 OWLT IS 13H 39M 15S					1L
2400	006 12:05:53	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2401	006 15:00:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0379 (D/L ONLY)					1DP
2402	006 15:00:00	31				CFG CODES					1DP
2403	006 15:42:03	31	60 SET			14.5 DEGREE SET DSC-60					1V
2404	006 19:31:17	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2405	006 21:30:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0379					1DP
2406	006 23:31:04	31	10 SET			10.2 DEGREE SET DSC-10					1V
2407	007 00:00:00	31				VGR-31 OWLT IS 13H 39M 15S					1L
2408	007 03:43:03	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		00279:53:002F	06-006/14:03:48	1ECd
2409	007 03:43:03	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3540	DTR		00279:53:002F	06-006/14:03:48	1ESd
2410	007 04:10:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0379 (D/L ONLY)					1DP
2411	007 04:10:00	31				CFG CODES					1DP
2412	007 04:10:14	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		00280:26:786F	06-006/14:30:59	1ECd
2413	007 04:10:14	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2952	DTR		00280:26:786F	06-006/14:30:59	1ESd
2414	007 04:29:28	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2415	007 04:36:40	31	40 SET			10.2 DEGREE SET DSC-40					1V



FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2429	007 06:45:23	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2952	DTR		00283:40:735F	06-006/17:06:08	1ESd
2430	007 06:45:24	31				BEGIN RECORDING PWS DATA			00283:40:751F	06-006/17:06:08	1T
2431	007 06:45:27	31		ACE	OPCH	FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	00283:41:001F	06-006/17:06:11	1ESf
2432	007 06:45:27	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		00283:41:002F	06-006/17:06:11	1ECs
2433	007 06:45:28	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		00283:41:026F	06-006/17:06:13	1ECf
2434	007 06:45:29	31				B- DRCRUS			00283:41:034F	06-006/17:06:13	1TB
2435	007 06:46:15	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	00283:42:001F	06-006/17:06:59	1ESf
2436	007 06:46:15	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		00283:42:002F	06-006/17:06:59	1ECs
2437	007 06:46:15	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		00283:42:002F	06-006/17:07:00	1ECd

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2438	007 06:46:15	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:3245	DTR		00283:42:002F	06-006/17:07:00	1ESd
2439	007 06:47:03	31			SC32AJ	(13) PLS CONFIG CMD	FDS		00283:43:009F	06-006/17:07:48	1ECf
2440	007 06:47:05	31				END PWSREC.31			00283:43:034F	06-006/17:07:49	1T
2441	007 08:52:39	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		00286:20:002F	06-006/19:13:24	1ECd
2442	007 08:52:39	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:3251	DTR		00286:20:002F	06-006/19:13:24	1ESd
2443	007 09:05:59	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		00286:36:538F	06-006/19:26:44	1ECd
2444	007 09:05:59	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3540	DTR		00286:36:538F	06-006/19:26:44	1ESd
2445	007 11:52:40	31			CC16C	(7022) DTR STATE SELECT: READY	DTR		00290:05:002F	06-006/22:13:24	1ECd
2446	007 11:52:40	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:3540	DTR		00290:05:002F	06-006/22:13:24	1ESd
2447	007 12:00:00	31				VGR-31 OWLT IS 13H 39M 16S					1L
2448	007 12:01:59	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2449	007 12:45:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0380 (D/L ONLY)					1DP
2450	007 12:45:00	31				CFG CODES					1DP
2451	007 13:05:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0379					1DP
2452	007 15:38:09	31	60 SET			14.5 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2453	007 19:27:24	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2454	007 19:50:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0380					1DP
2455	007 23:27:11	31	10 SET			10.2 DEGREE SET DSC-10					1V
2456	008 00:00:00	31				VGR-31 OWLT IS 13H 39M 16S					1L
2457	008 04:25:34	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2458	008 04:32:45	31	40 SET			10.2 DEGREE SET DSC-40					1V
2459	008 05:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0380 (D/L ONLY)					1DP
2460	008 05:50:00	31				CFG CODES					1DP
2461	008 11:58:05	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2462	008 12:00:00	31				VGR-31 OWLT IS 13H 39M 17S					1L
2463	008 13:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0380					1DP
2464	008 14:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0381 (D/L ONLY)					1DP
2465	008 14:45:00	31				CFG CODES					1DP
2466	008 15:34:14	31	60 SET			14.5 DEGREE SET DSC-60					1V
2467	008 19:23:31	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2468	008 22:30:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0381					1DP
2469	008 23:23:18	31	10 SET			10.2 DEGREE SET DSC-10					1V
2470	009 00:00:00	31				VGR-31 OWLT IS 13H 39M 17S					1L
2471	009 04:21:40	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2472	009 04:28:51	31	40 SET			10.2 DEGREE SET DSC-40					1V
2473	009 05:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0381 (D/L ONLY)					1DP
2474	009 05:50:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2475	009 08:31:05	31			AC7SSB	(3 +002) SS BIAS CONTROL - PITCH	AACS		00345:53:003F	06-008/18:51:48	1ECa
2476	009 11:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0381					1DP
2477	009 11:54:11	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2478	009 12:00:00	31				VGR-31 OWLT IS 13H 39M 17S					1L
2479	009 13:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0382 (D/L ONLY)					1DP
2480	009 13:30:00	31				CFG CODES					1DP
2481	009 15:30:20	31	60 SET			14.5 DEGREE SET DSC-60					1V
2482	009 19:19:38	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2483	009 20:55:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0382					1DP
2484	009 23:19:25	31	10 SET			10.2 DEGREE SET DSC-10					1V
2485	010 00:00:00	31				VGR-31 OWLT IS 13H 39M 18S					1L
2486	010 04:05:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0382 (D/L ONLY)					1DP
2487	010 04:05:00	31				CFG CODES					1DP
2488	010 04:17:46	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2489	010 04:24:57	31	40 SET			10.2 DEGREE SET DSC-40					1V
2490	010 10:35:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0382					1DP
2491	010 11:35:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0383 (D/L ONLY)					1DP
2492	010 11:35:00	31				CFG CODES					1DP
2493	010 11:50:17	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2494	010 12:00:00	31				VGR-31 OWLT IS 13H 39M 18S					1L
2495	010 15:26:26	31	60 SET			14.5 DEGREE SET DSC-60					1V
2496	010 19:10:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0383					1DP





FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2511	011 00:21:30	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	00395:41:001F	06-010/10:42:11	1ESf
2512	011 00:21:30	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		00395:41:002F	06-010/10:42:11	1ECs
2513	011 00:21:31	31				B- DRCRUS			00395:41:018F	06-010/10:42:12	1TB
2514	011 00:21:31	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		00395:41:026F	06-010/10:42:13	1ECf
2515	011 00:22:18	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	00395:42:001F	06-010/10:42:59	1ESf
2516	011 00:22:18	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		00395:42:002F	06-010/10:42:59	1ECs
2517	011 00:22:18	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		00395:42:002F	06-010/10:43:00	1ECd
2518	011 00:22:18	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:3247	DTR		00395:42:002F	06-010/10:43:00	1ESd
2519	011 00:23:06	31			SC32AJ	(13) PLS CONFIG CMD	FDS		00395:43:009F	06-010/10:43:48	1ECf
2520	011 00:23:07	31				END PWSREC.31			00395:43:018F	06-010/10:43:48	1T
2521	011 04:13:51	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2522	011 04:21:03	31	40 SET			10.2 DEGREE SET DSC-40					1V
2523	011 07:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0383 (D/L ONLY)					1DP
2524	011 07:05:00	31				CFG CODES					1DP
2525	011 11:46:23	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2526	011 12:00:00	31				VGR-31 OWLT IS 13H 39M 19S					1L
2527	011 12:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0383					1DP
2528	011 13:20:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0384 (D/L ONLY)					1DP
2529	011 13:20:00	31				CFG CODES					1DP
2530	011 15:22:31	31	60 SET			14.5 DEGREE SET DSC-60					1V
2531	011 19:11:51	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2532	011 19:20:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0384					1DP
2533	011 23:11:38	31	10 SET			10.2 DEGREE SET DSC-10					1V
2534	012 00:00:00	31				VGR-31 OWLT IS 13H 39M 19S					1L
2535	012 04:09:57	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2536	012 04:17:09	31	40 SET			10.2 DEGREE SET DSC-40					1V
2537	012 06:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0384 (D/L ONLY)					1DP
2538	012 06:10:00	31				CFG CODES					1DP
2539	012 11:42:29	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2540	012 12:00:00	31				VGR-31 OWLT IS 13H 39M 19S					1L
2541	012 12:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0384					1DP
2542	012 13:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0385 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2543	012 13:15:00	31				CFG CODES					1DP
2544	012 15:18:37	31	60	SET		14.5 DEGREE SET DSC-60					1V
2545	012 18:30:00	31	26	LOS	OPCH ACE	LOS DSS-26 PASS-0385					1DP
2546	012 19:07:58	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
2547	012 23:07:45	31	10	SET		10.2 DEGREE SET DSC-10					1V
2548	013 00:00:00	31				VGR-31 OWLT IS 13H 39M 19S					1L
2549	013 04:00:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-0385 (D/L ONLY)					1DP
2550	013 04:00:00	31				CFG CODES					1DP
2551	013 04:06:03	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
2552	013 04:13:15	31	40	SET		10.2 DEGREE SET DSC-40					1V
2553	013 10:55:00	31	63	LOS	OPCH ACE	LOS DSS-63 PASS-0385					1DP
2554	013 11:38:34	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
2555	013 12:00:00	31				VGR-31 OWLT IS 13H 39M 20S					1L
2556	013 13:15:00	31	25	AOS	OPCH ACE	AOS DSS-25 PASS-0386 (D/L ONLY)					1DP
2557	013 13:15:00	31				CFG CODES					1DP
2558	013 15:14:40	31	60	SET		14.6 DEGREE SET DSC-60					1V
2559	013 19:04:05	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
2560	013 19:45:00	31	25	LOS	OPCH ACE	LOS DSS-25 PASS-0386					1DP
2561	013 23:03:52	31	10	SET		10.2 DEGREE SET DSC-10					1V
2562	014 00:00:00	31				VGR-31 OWLT IS 13H 39M 20S					1L
2563	014 02:35:08	31			AC7SSB	(4 +164) SS BIAS CONTROL --- YAW	AACS		00488:28:003F	06-013/12:55:48	1ECa
2564	014 03:19:08	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		00489:23:002F	06-013/13:39:48	1ECd



FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2578	014 06:19:56	31			SC32AJ	(10) PLS CONFIG CMD	FDS		00493:09:009F	06-013/16:40:36	1ECf
2579	014 06:19:57	31				AHELII PWSREC 20			00493:09:018F	06-013/16:40:36	1T
2580	014 06:19:57	31				B- PWSREC.31			00493:09:018F	06-013/16:40:36	1TB
2581	014 06:19:57	31				BEGIN PWSREC.31			00493:09:018F	06-013/16:40:36	1T
2582	014 06:20:44	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		00493:10:009F	06-013/16:41:24	1ECf
2583	014 06:20:45	31				B- DRGS4B			00493:10:018F	06-013/16:41:24	1TB
2584	014 06:21:28	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		00493:10:735F	06-013/16:42:08	1ECd
2585	014 06:21:28	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:3251	DTR		00493:10:735F	06-013/16:42:08	1ESd
2586	014 06:21:29	31				BEGIN RECORDING PWS DATA			00493:10:751F	06-013/16:42:08	1T
2587	014 06:21:32	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	00493:11:001F	06-013/16:42:11	1ESf
2588	014 06:21:32	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		00493:11:002F	06-013/16:42:11	1ECs
2589	014 06:21:33	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		00493:11:026F	06-013/16:42:13	1ECf
2590	014 06:21:34	31				B- DRCRUS			00493:11:034F	06-013/16:42:13	1TB

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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
2591	014 06:22:20	31		ACE OPCH			FDS	CR-5T	00493:12:001F	06-013/16:42:59	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
2592	014 06:22:20	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		00493:12:002F	06-013/16:43:00	1ECs
2593	014 06:22:20	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		00493:12:002F	06-013/16:43:00	1ECd
2594	014 06:22:20	31					DTR		00493:12:002F	06-013/16:43:00	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:3543					
2595	014 06:23:08	31			SC32AJ	(13) PLS CONFIG CMD	FDS		00493:13:009F	06-013/16:43:48	1ECf
2596	014 06:23:10	31				END PWSREC.31			00493:13:034F	06-013/16:43:49	1T
2597	014 07:41:32	31			AC7SSB	(3 +001) SS BIAS CONTROL - PITCH	AACS		00494:51:003F	06-013/18:02:12	1ECa
2598	014 08:28:44	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		00495:50:002F	06-013/18:49:24	1ECd
2599	014 08:28:44	31					DTR		00495:50:002F	06-013/18:49:24	1ESd
						DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3550					
2600	014 08:43:00	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		00496:07:675F	06-013/19:03:40	1ECd
2601	014 08:43:00	31					DTR		00496:07:675F	06-013/19:03:40	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:3241					
2602	014 11:10:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0386					1DP
2603	014 11:28:44	31			CC16C	(7022) DTR STATE SELECT: READY	DTR		00499:35:002F	06-013/21:49:24	1ECd

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2604	014 11:28:44	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:3241	DTR		00499:35:002F	06-013/21:49:24	1ESd
2605	014 11:34:40	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2606	014 12:00:00	31				VGR-31 OWLT IS 13H 39M 20S					1L
2607	014 13:10:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0387 (D/L ONLY)					1DP
2608	014 13:10:00	31				CFG CODES					1DP
2609	014 15:10:46	31	60 SET			14.6 DEGREE SET DSC-60					1V
2610	014 19:00:12	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2611	014 20:50:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0387					1DP
2612	014 22:59:58	31	10 SET			10.2 DEGREE SET DSC-10					1V
2613	015 00:00:00	31				VGR-31 OWLT IS 13H 39M 20S					1L
2614	015 03:58:14	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2615	015 04:05:26	31	40 SET			10.2 DEGREE SET DSC-40					1V
2616	015 05:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0387 (D/L ONLY)					1DP
2617	015 05:35:00	31				CFG CODES					1DP
2618	015 11:20:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0388 (D/L ONLY)					1DP
2619	015 11:20:00	31				CFG CODES					1DP
2620	015 11:30:46	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2621	015 11:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0387					1DP
2622	015 12:00:00	31				VGR-31 OWLT IS 13H 39M 20S					1L
2623	015 15:06:51	31	60 SET			14.6 DEGREE SET DSC-60					1V



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2624	015 18:45:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0388					1DP
2625	015 18:56:19	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2626	015 22:56:05	31	10 SET			10.2 DEGREE SET DSC-10					1V
2627	016 00:00:00	31				VGR-31 OWLT IS 13H 39M 20S					1L
2628	016 03:54:20	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2629	016 04:01:32	31	40 SET			10.2 DEGREE SET DSC-40					1V
2630	016 11:26:52	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2631	016 12:00:00	31				VGR-31 OWLT IS 13H 39M 20S					1L
2632	016 12:15:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0389 (D/L ONLY)					1DP
2633	016 12:15:00	31				CFG CODES					1DP
2634	016 15:02:57	31	60 SET			14.6 DEGREE SET DSC-60					1V
2635	016 18:52:26	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2636	016 21:10:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0389					1DP
2637	016 22:19:08	31				A058 UPLINK			00573:08:001F	06-016/08:39:47	1T
2638	016 22:48:43	31				FINAL SPACECRAFT STATUS			00573:44:785F	06-016/09:09:23	1TI
2639	016 22:48:43	31				RADIO STATUS			00573:44:785F	06-016/09:09:23	1TI
2640	016 22:48:43	31			DC2AR	S-BAND RANGING OFF			00573:44:785F	06-016/09:09:23	1TI
2641	016 22:48:43	31			DC2DR	S-BAND LO PWR			00573:44:785F	06-016/09:09:23	1TI
2642	016 22:48:43	31			DC2HR	X-BAND LO PWR			00573:44:785F	06-016/09:09:23	1TI
2643	016 22:48:43	31			DC2NR	X-BAND RANGING OFF			00573:44:785F	06-016/09:09:23	1TI
2644	016 22:48:43	31			DC2P	2 WAY NON-COHERENT ON			00573:44:785F	06-016/09:09:23	1TI
2645	016 22:48:43	31			DC2QR	USO OFF			00573:44:785F	06-016/09:09:23	1TI
2646	016 22:48:43	31			CC2BRP	S-BAND EXC-2 SEL			00573:44:785F	06-016/09:09:23	1TI

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2647	016 22:48:43	31			CC2CRP	S-BAND TRANS-2 SEL			00573:44:785F	06-016/09:09:23	1TI
2648	016 22:48:43	31			CC2FP	RCVR-1 SEL			00573:44:785F	06-016/09:09:23	1TI
2649	016 22:48:43	31			CC2JP	X-BAND EXC-1 SEL			00573:44:785F	06-016/09:09:23	1TI
2650	016 22:48:43	31			CC2GP	X-BAND ON			00573:44:785F	06-016/09:09:23	1TI
2651	016 22:48:43	31			CC2KRP	S-BAND OFF			00573:44:785F	06-016/09:09:23	1TI
2652	016 22:48:43	31			CC2LP	X-BAND TWTA-1 SEL			00573:44:785F	06-016/09:09:23	1TI
2653	016 22:48:43	31			CC2MP	S-BAND EXC ON			00573:44:785F	06-016/09:09:23	1TI
2654	016 22:48:43	31			DC2E	HGA SELECT			00573:44:785F	06-016/09:09:23	1TI
2655	016 22:48:43	31			CC1T	BAY 1 HTR ON			00573:44:785F	06-016/09:09:23	1TI
2656	016 22:48:43	31				MDS STATUS			00573:44:785F	06-016/09:09:23	1TI
2657	016 22:48:43	31			CC3BP	TMU ON			00573:44:785F	06-016/09:09:23	1TI
2658	016 22:48:43	31			CC3GP	TMU-A SEL			00573:44:785F	06-016/09:09:23	1TI
2659	016 22:48:43	31			CC3HP	CDU-A SEL			00573:44:785F	06-016/09:09:23	1TI
2660	016 22:48:43	31			CC3A	32310 X-BAND			00573:44:785F	06-016/09:09:23	1TI
2661	016 22:48:43	31			CC3A	28301 S-BAND			00573:44:785F	06-016/09:09:23	1TI
2662	016 22:48:43	31				POWER STATUS			00573:44:785F	06-016/09:09:23	1TI
2663	016 22:48:43	31			CC4A	UNDERVOLTAGE TRIP RESET			00573:44:785F	06-016/09:09:23	1TI
2664	016 22:48:43	31			CC4K	RTG-1 DIODE BYPASS ON			00573:44:785F	06-016/09:09:23	1TI
2665	016 22:48:43	31			CC4L	RTG-2 DIODE BYPASS ON			00573:44:785F	06-016/09:09:23	1TI
2666	016 22:48:43	31			CC4M	RTG-3 DIODE BYPASS ON			00573:44:785F	06-016/09:09:23	1TI
2667	016 22:48:43	31				CCS STATUS			00573:44:785F	06-016/09:09:23	1TI
2668	016 22:48:43	31			DC5AR	CCS TOL DET ENABLE			00573:44:785F	06-016/09:09:23	1TI
2669	016 22:48:43	31				FDS STATUS			00573:44:785F	06-016/09:09:23	1TI

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2670	016 22:48:43	31			CC6CP	FDS ON/ISS PWR ENABLE			00573:44:785F	06-016/09:09:23	1TI
2671	016 22:48:43	31			CC6AA	1 SVC-W1			00573:44:785F	06-016/09:09:23	1TI
2672	016 22:48:43	31			CC6AD	3200 SVC-W4			00573:44:785F	06-016/09:09:23	1TI
2673	016 22:48:43	31			CC6AE	30011 SVC-W5			00573:44:785F	06-016/09:09:23	1TI
2674	016 22:48:43	31			CC6AP	FDS PWR CONV A SEL			00573:44:785F	06-016/09:09:23	1TI
2675	016 22:48:43	31			CC6AB	01000 SVC-W2			00573:44:785F	06-016/09:09:23	1TI
2676	016 22:48:43	31			SC06BB	530070 FDS DATA MODE			00573:44:785F	06-016/09:09:23	1TI
2677	016 22:48:43	31				AACS STATUS			00573:44:785F	06-016/09:09:23	1TI
2678	016 22:48:43	31			AC7PCG	14 HYBIC 2 PWR ON			00573:44:785F	06-016/09:09:23	1TI
2679	016 22:48:43	31			CC7ML	05 CST ON			00573:44:785F	06-016/09:09:23	1TI
2680	016 22:48:43	31			AC7CTG	10 394 CST HI GATE			00573:44:785F	06-016/09:09:23	1TI
2681	016 22:48:43	31			AC7CTG	11 442 CST LO GATE			00573:44:785F	06-016/09:09:23	1TI
2682	016 22:48:43	31			AC7GYP	111 GYRO PATTERN			00573:44:785F	06-016/09:09:23	1TI
2683	016 22:48:43	31			AC7PCG	52 GYRO A OFF			00573:44:785F	06-016/09:09:23	1TI
2684	016 22:48:43	31			AC7PCG	62 GYRO B OFF			00573:44:785F	06-016/09:09:23	1TI
2685	016 22:48:43	31			AC7PCG	72 GYRO C OFF			00573:44:785F	06-016/09:09:23	1TI
2686	016 22:48:43	31			AC7PAR	7530 000000 GYRO OFF NORM			00573:44:785F	06-016/09:09:23	1TI
2687	016 22:48:43	31			AC7PAR	6740 000740 PITCH DEADBAND			00573:44:785F	06-016/09:09:23	1TI
2688	016 22:48:43	31			AC7PAR	6741 001700 YAW DEADBAND			00573:44:785F	06-016/09:09:23	1TI
2689	016 22:48:43	31			AC7PAR	6742 004540 ROLL DEADBAND			00573:44:785F	06-016/09:09:23	1TI
2690	016 22:48:43	31			DEADBAND	DEAD BAND STATE: 05 10 25			00573:44:785F	06-016/09:09:23	1TI
2691	016 22:48:43	31			CC7SS	1 AACS TO RAI			00573:44:785F	06-016/09:09:23	1TI
2692	016 22:48:43	31			CC7CT	01 CST CONE ANGLE 1			00573:44:785F	06-016/09:09:23	1TI

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2693	016 22:48:43	31			AC7DDB	000480 DEAD BAND CONTROL			00573:44:785F	06-016/09:09:23	1TI
2694	016 22:48:43	31			CC7AHRP	SS HTR A OFF			00573:44:785F	06-016/09:09:23	1TI
2695	016 22:48:43	31			CC7BHP	SS HTR B ON			00573:44:785F	06-016/09:09:23	1TI
2696	016 22:48:43	31			CC7ML	01 FDS CHAN A			00573:44:785F	06-016/09:09:23	1TI
2697	016 22:48:43	31			CC7ML	09 TCAPU FAULT ENA			00573:44:785F	06-016/09:09:23	1TI
2698	016 22:48:43	31			AC7PCG	61 AACs BAY 6 HTR A OFF			00573:44:785F	06-016/09:09:23	1TI
2699	016 22:48:43	31			AC7PCG	71 AACs BAY 6 HTR B OFF			00573:44:785F	06-016/09:09:23	1TI
2700	016 22:48:43	31			CC7MMRP	PROC/MEM 2 SELECT			00573:44:785F	06-016/09:09:23	1TI
2701	016 22:48:43	31			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			00573:44:785F	06-016/09:09:23	1TI
2702	016 22:48:43	31			AC7PCG	22 CST SUN SHUTTER OFF			00573:44:785F	06-016/09:09:23	1TI
2703	016 22:48:43	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			00573:44:785F	06-016/09:09:23	1TI
2704	016 22:48:43	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			00573:44:785F	06-016/09:09:23	1TI
2705	016 22:48:43	31			CC1PHP	SCAN PLAT SUPL HTR ON			00573:44:785F	06-016/09:09:23	1TI
2706	016 22:48:43	31			CC77MRP	MAM OFF			00573:44:785F	06-016/09:09:23	1TI
2707	016 22:48:43	31			DC77PR	NON-PRIME FCP/MEM OFF			00573:44:785F	06-016/09:09:23	1TI
2708	016 22:48:43	31			DC77XR	MAM COMMAND DISABLE			00573:44:785F	06-016/09:09:23	1TI
2709	016 22:48:43	31				PYRO STATUS			00573:44:785F	06-016/09:09:23	1TI
2710	016 22:48:43	31			CC8D	PSU INSTRUMENTATION ON			00573:44:785F	06-016/09:09:23	1TI
2711	016 22:48:43	31			DC8XR	PYRO DISABLE			00573:44:785F	06-016/09:09:23	1TI
2712	016 22:48:43	31				PROPULSION STATUS			00573:44:785F	06-016/09:09:23	1TI
2713	016 22:48:43	31			CC10CRP	TCM HTR OFF			00573:44:785F	06-016/09:09:23	1TI
2714	016 22:48:43	31			CC10DR	AP BR1 HTR OFF			00573:44:785F	06-016/09:09:23	1TI
2715	016 22:48:43	31			CC10ER	AP BR2 HTR OFF			00573:44:785F	06-016/09:09:23	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
2716	016 22:48:43	31			CC10TRP	TCM LINE HTRS OFF			00573:44:785F	06-016/09:09:23	1TI
2717	016 22:48:43	31				DSS STATUS			00573:44:785F	06-016/09:09:23	1TI
2718	016 22:48:43	31			CC16BR	DSS 10 W REPL HTR OFF			00573:44:785F	06-016/09:09:23	1TI
2719	016 22:48:43	31			CC16AP	DSS ON			00573:44:785F	06-016/09:09:23	1TI
2720	016 22:48:43	31			CC1DR	BAY 2 19 W HTR OFF			00573:44:785F	06-016/09:09:23	1TI
2721	016 22:48:43	31			CC16C	7222 DSS CONTROL			00573:44:785F	06-016/09:09:23	1TI
2722	016 22:48:43	31				SCIENCE PWR STATUS			00573:44:785F	06-016/09:09:23	1TI
2723	016 22:48:43	31			CC1CR	MAG COIL OFF			00573:44:785F	06-016/09:09:23	1TI
2724	016 22:48:43	31			CC21A	CRS ON			00573:44:785F	06-016/09:09:23	1TI
2725	016 22:48:43	31			CC21B	CRS REPL HTR ON			00573:44:785F	06-016/09:09:23	1TI
2726	016 22:48:43	31			CC21CR	CRS SUPP HTR OFF			00573:44:785F	06-016/09:09:23	1TI
2727	016 22:48:43	31			CC22A	PRA ON			00573:44:785F	06-016/09:09:23	1TI
2728	016 22:48:43	31			CC23A	PWS ON			00573:44:785F	06-016/09:09:23	1TI
2729	016 22:48:43	31			CC25A	LECP ON			00573:44:785F	06-016/09:09:23	1TI
2730	016 22:48:43	31			CC25B	LECP STEPPER MOTOR ON			00573:44:785F	06-016/09:09:23	1TI
2731	016 22:48:43	31			CC25CR	LECP REPL HTR OFF			00573:44:785F	06-016/09:09:23	1TI
2732	016 22:48:43	31			CC25D	LECP MAIN SUPP HTR ON			00573:44:785F	06-016/09:09:23	1TI
2733	016 22:48:43	31			CC25E	LECP LEPT SUPP HTR ON			00573:44:785F	06-016/09:09:23	1TI
2734	016 22:48:43	31			CC27BR	PPS SUPP HTR OFF			00573:44:785F	06-016/09:09:23	1TI
2735	016 22:48:43	31			CC32A	PLS ON			00573:44:785F	06-016/09:09:23	1TI
2736	016 22:48:43	31			CC32BR	PLS SUPP HTR OFF			00573:44:785F	06-016/09:09:23	1TI
2737	016 22:48:43	31			CC32C	PLS REPL HTR ON			00573:44:785F	06-016/09:09:23	1TI
2738	016 22:48:43	31			CC34A	UVS ON			00573:44:785F	06-016/09:09:23	1TI

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2739	016 22:48:43	31			CC34B	UVS REPL HTR ON			00573:44:785F	06-016/09:09:23	1TI
2740	016 22:48:43	31			CC35AR	MAG OFF			00573:44:785F	06-016/09:09:23	1TI
2741	016 22:48:43	31			CC35B	MAG STANDBY ON			00573:44:785F	06-016/09:09:23	1TI
2742	016 22:48:43	31			CC35GR	MAG SENSOR HTR OFF			00573:44:785F	06-016/09:09:23	1TI
2743	016 22:48:43	31			CC36GR	ISS WA VID REPL HTR OFF			00573:44:785F	06-016/09:09:23	1TI
2744	016 22:48:43	31			CC36HR	ISS WA ELEC REPL HTR OFF			00573:44:785F	06-016/09:09:23	1TI
2745	016 22:48:43	31			CC36CRP	ISS NA OPTICS HTR OFF			00573:44:785F	06-016/09:09:23	1TI
2746	016 22:48:43	31			CC36FRP	ISS NA VID REPL HTR OFF			00573:44:785F	06-016/09:09:23	1TI
2747	016 22:48:43	31			CC36JP	ISS NA ELEC REPL HTR ON			00573:44:785F	06-016/09:09:23	1TI
2748	016 22:48:43	31			CC39D	IRIS REPL HTR ON			00573:44:785F	06-016/09:09:23	1TI
2749	016 22:48:43	31			CC39FR	IRIS STANDBY A SUPPLY OFF			00573:44:785F	06-016/09:09:23	1TI
2750	016 22:48:43	31			CC39BR	IRIS STANDBY B SUPPLY OFF			00573:44:785F	06-016/09:09:23	1TI
2751	016 22:48:43	31				SCIENCE INSTRUMENT STATUS			00573:44:785F	06-016/09:09:23	1TI
2752	016 22:48:43	31			SC21AF	01000 CRS CMD WORD			00573:44:785F	06-016/09:09:23	1TI
2753	016 22:48:43	31			SC21AF	02000 CRS CMD WORD			00573:44:785F	06-016/09:09:23	1TI
2754	016 22:48:43	31			SC21AF	03000 CRS CMD WORD			00573:44:785F	06-016/09:09:23	1TI
2755	016 22:48:43	31			SC21AF	04000 CRS CMD WORD			00573:44:785F	06-016/09:09:23	1TI
2756	016 22:48:43	31			SC21AF	05300 CRS CMD WORD			00573:44:785F	06-016/09:09:23	1TI
2757	016 22:48:43	31			SC21AF	06000 CRS CMD WORD			00573:44:785F	06-016/09:09:23	1TI
2758	016 22:48:43	31			SC21AF	07200 CRS CMD WORD			00573:44:785F	06-016/09:09:23	1TI
2759	016 22:48:43	31			SC21AF	08200 CRS CMD WORD			00573:44:785F	06-016/09:09:23	1TI
2760	016 22:48:43	31			SC21AF	10000 CRS CMD WORD			00573:44:785F	06-016/09:09:23	1TI
2761	016 22:48:43	31			SC21AF	11000 CRS CMD WORD			00573:44:785F	06-016/09:09:23	1TI

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2762	016 22:48:43	31			SC21AF	12000 CRS CMD WORD			00573:44:785F	06-016/09:09:23	1TI
2763	016 22:48:43	31			SC21AF	13012 CRS CMD WORD			00573:44:785F	06-016/09:09:23	1TI
2764	016 22:48:43	31			SC21AG	CRS HV FLAG			00573:44:785F	06-016/09:09:23	1TI
2765	016 22:48:43	31			SC21AH	CRS CAL-ST FLAG			00573:44:785F	06-016/09:09:23	1TI
2766	016 22:48:43	31			SC22AF	1347 PRA CONFIGURATION CMD			00573:44:785F	06-016/09:09:23	1TI
2767	016 22:48:43	31			SC22NU	0000 PRA MODE SELECT			00573:44:785F	06-016/09:09:23	1TI
2768	016 22:48:43	31			SC23AD	5 PWS CMD WORD			00573:44:785F	06-016/09:09:23	1TI
2769	016 22:48:43	31			SC25AH	1777 LECP CMD WORD			00573:44:785F	06-016/09:09:23	1TI
2770	016 22:48:43	31			SC25AH	2417 LECP CMD WORD			00573:44:785F	06-016/09:09:23	1TI
2771	016 22:48:43	31			SC25AH	5600 LECP CMD WORD			00573:44:785F	06-016/09:09:23	1TI
2772	016 22:48:43	31			SC25AH	6032 LECP CMD WORD			00573:44:785F	06-016/09:09:23	1TI
2773	016 22:48:43	31			SC25AJ	1 LECP MOTOR STEP CMD			00573:44:785F	06-016/09:09:23	1TI
2774	016 22:48:43	31			SC25AN	0 LECP NEAR/FAR ENC			00573:44:785F	06-016/09:09:23	1TI
2775	016 22:48:43	31			SC25AQ	5200 LECP SAFE CMD			00573:44:785F	06-016/09:09:23	1TI
2776	016 22:48:43	31			SC32AF	2 PLS E1 INT/AMP GAIN			00573:44:785F	06-016/09:09:23	1TI
2777	016 22:48:43	31			SC32AG	2 PLS E2 INT/AMP GAIN			00573:44:785F	06-016/09:09:23	1TI
2778	016 22:48:43	31			SC32AH	3 PLS M INT/AMP GAIN			00573:44:785F	06-016/09:09:23	1TI
2779	016 22:48:43	31			SC32AJ	13 PLS CONFIG CMD			00573:44:785F	06-016/09:09:23	1TI
2780	016 22:48:43	31			SC32AK	2 PLS L INT/AMP GAIN			00573:44:785F	06-016/09:09:23	1TI
2781	016 22:48:43	31			SC32AL	216 PLS M START WORD 1			00573:44:785F	06-016/09:09:23	1TI
2782	016 22:48:43	31			SC32AM	216 PLS M START WORD 2			00573:44:785F	06-016/09:09:23	1TI
2783	016 22:48:43	31			SC32AN	2 PLS M MODE			00573:44:785F	06-016/09:09:23	1TI
2784	016 22:48:43	31			SC32AP	3 PLS E1 SHRT			00573:44:785F	06-016/09:09:23	1TI

FINAL SEQUENCE FOR JST A057 (TOL/A057F - EVTSDR/A057BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2785	016 22:48:43	31			SC32AQ	3 PLS E2 SHRT			00573:44:785F	06-016/09:09:23	1TI
2786	016 22:48:43	31			SC32AR	3 PLS L SHORT			00573:44:785F	06-016/09:09:23	1TI
2787	016 22:48:43	31			SC32AS	2 PLS E1 LONG			00573:44:785F	06-016/09:09:23	1TI
2788	016 22:48:43	31			SC32AT	2 PLS E2 LONG			00573:44:785F	06-016/09:09:23	1TI
2789	016 22:48:43	31			SC32AU	2 PLS L LONG			00573:44:785F	06-016/09:09:23	1TI
2790	016 22:48:43	31			SC34AE	13 UVS MODE/HV LEVEL			00573:44:785F	06-016/09:09:23	1TI
2791	016 22:48:43	31			SC34AF	0 UVS READ OUT FLAG			00573:44:785F	06-016/09:09:23	1TI
2792	016 22:48:43	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			00573:44:785F	06-016/09:09:23	1TI
2793	016 22:48:43	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			00573:44:785F	06-016/09:09:23	1TI