

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT 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	283 20:09:59	31				INITIAL SPACECRAFT STATUS			08359:44:785F	00-283/09:09:23	1TI
2	283 20:09:59	31				RADIO STATUS			08359:44:785F	00-283/09:09:23	1TI
3	283 20:09:59	31			DC2AR	S-BAND RANGING OFF			08359:44:785F	00-283/09:09:23	1TI
4	283 20:09:59	31			DC2DR	S-BAND LO PWR			08359:44:785F	00-283/09:09:23	1TI
5	283 20:09:59	31			DC2HR	X-BAND LO PWR			08359:44:785F	00-283/09:09:23	1TI
6	283 20:09:59	31			DC2N	X-BAND RANGING ON			08359:44:785F	00-283/09:09:23	1TI
7	283 20:09:59	31			DC2P	2 WAY NON-COHERENT ON			08359:44:785F	00-283/09:09:23	1TI
8	283 20:09:59	31			DC2QR	USO OFF			08359:44:785F	00-283/09:09:23	1TI
9	283 20:09:59	31			CC2BRP	S-BAND EXC-2 SEL			08359:44:785F	00-283/09:09:23	1TI
10	283 20:09:59	31			CC2CRP	S-BAND TRANS-2 SEL			08359:44:785F	00-283/09:09:23	1TI
11	283 20:09:59	31			CC2FP	RCVR-1 SEL			08359:44:785F	00-283/09:09:23	1TI
12	283 20:09:59	31			CC2JP	X-BAND EXC-1 SEL			08359:44:785F	00-283/09:09:23	1TI
13	283 20:09:59	31			CC2GP	X-BAND ON			08359:44:785F	00-283/09:09:23	1TI
14	283 20:09:59	31			CC2KRP	S-BAND OFF			08359:44:785F	00-283/09:09:23	1TI
15	283 20:09:59	31			CC2LP	X-BAND TWTA-1 SEL			08359:44:785F	00-283/09:09:23	1TI
16	283 20:09:59	31			CC2MP	S-BAND EXC ON			08359:44:785F	00-283/09:09:23	1TI
17	283 20:09:59	31			DC2E	HGA SELECT			08359:44:785F	00-283/09:09:23	1TI
18	283 20:09:59	31			CC1T	BAY 1 HTR ON			08359:44:785F	00-283/09:09:23	1TI
19	283 20:09:59	31				MDS STATUS			08359:44:785F	00-283/09:09:23	1TI
20	283 20:09:59	31			CC3BP	TMU ON			08359:44:785F	00-283/09:09:23	1TI
21	283 20:09:59	31			CC3GP	TMU-A SEL			08359:44:785F	00-283/09:09:23	1TI
22	283 20:09:59	31			CC3HP	CDU-A SEL			08359:44:785F	00-283/09:09:23	1TI
23	283 20:09:59	31			CC3A	32310 X-BAND			08359:44:785F	00-283/09:09:23	1TI

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24	283 20:09:59	31			CC3A	28301 S-BAND			08359:44:785F	00-283/09:09:23	1TI
25	283 20:09:59	31				POWER STATUS			08359:44:785F	00-283/09:09:23	1TI
26	283 20:09:59	31			CC4A	UNDERVOLTAGE TRIP RESET			08359:44:785F	00-283/09:09:23	1TI
27	283 20:09:59	31			CC4K	RTG-1 DIODE BYPASS ON			08359:44:785F	00-283/09:09:23	1TI
28	283 20:09:59	31			CC4L	RTG-2 DIODE BYPASS ON			08359:44:785F	00-283/09:09:23	1TI
29	283 20:09:59	31			CC4M	RTG-3 DIODE BYPASS ON			08359:44:785F	00-283/09:09:23	1TI
30	283 20:09:59	31				CCS STATUS			08359:44:785F	00-283/09:09:23	1TI
31	283 20:09:59	31			DC5AR	CCS TOL DET ENABLE			08359:44:785F	00-283/09:09:23	1TI
32	283 20:09:59	31				FDS STATUS			08359:44:785F	00-283/09:09:23	1TI
33	283 20:09:59	31			CC6CP	FDS ON/ISS PWR ENABLE			08359:44:785F	00-283/09:09:23	1TI
34	283 20:09:59	31			CC6AA	1 SVC-W1			08359:44:785F	00-283/09:09:23	1TI
35	283 20:09:59	31			CC6AD	3200 SVC-W4			08359:44:785F	00-283/09:09:23	1TI
36	283 20:09:59	31			CC6AE	30011 SVC-W5			08359:44:785F	00-283/09:09:23	1TI
37	283 20:09:59	31			CC6AP	FDS PWR CONV A SEL			08359:44:785F	00-283/09:09:23	1TI
38	283 20:09:59	31			CC6AB	01010 SVC-W2			08359:44:785F	00-283/09:09:23	1TI
39	283 20:09:59	31			SC06BB	530070 FDS DATA MODE			08359:44:785F	00-283/09:09:23	1TI
40	283 20:09:59	31				AACS STATUS			08359:44:785F	00-283/09:09:23	1TI
41	283 20:09:59	31			AC7PCG	14 HYBIC 2 PWR ON			08359:44:785F	00-283/09:09:23	1TI
42	283 20:09:59	31			CC7ML	05 CST ON			08359:44:785F	00-283/09:09:23	1TI
43	283 20:09:59	31			AC7CTG	10 394 CST HI GATE			08359:44:785F	00-283/09:09:23	1TI
44	283 20:09:59	31			AC7CTG	11 442 CST LO GATE			08359:44:785F	00-283/09:09:23	1TI
45	283 20:09:59	31			AC7GYP	111 GYRO PATTERN			08359:44:785F	00-283/09:09:23	1TI
46	283 20:09:59	31			AC7PCG	52 GYRO A OFF			08359:44:785F	00-283/09:09:23	1TI

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47	283 20:09:59	31			AC7PCG	62 GYRO B OFF			08359:44:785F	00-283/09:09:23	1TI
48	283 20:09:59	31			AC7PCG	72 GYRO C OFF			08359:44:785F	00-283/09:09:23	1TI
49	283 20:09:59	31			AC7PAR	7530 000000 GYRO OFF NORM			08359:44:785F	00-283/09:09:23	1TI
50	283 20:09:59	31			AC7PAR	6740 000740 PITCH DEADBAND			08359:44:785F	00-283/09:09:23	1TI
51	283 20:09:59	31			AC7PAR	6741 001700 YAW DEADBAND			08359:44:785F	00-283/09:09:23	1TI
52	283 20:09:59	31			AC7PAR	6742 004540 ROLL DEADBAND			08359:44:785F	00-283/09:09:23	1TI
53	283 20:09:59	31			DEADBAND	DEAD BAND STATE: 05 10 05			08359:44:785F	00-283/09:09:23	1TI
54	283 20:09:59	31			CC7SS	1 AACS TO RAI			08359:44:785F	00-283/09:09:23	1TI
55	283 20:09:59	31			CC7CT	01 CST CONE ANGLE 1			08359:44:785F	00-283/09:09:23	1TI
56	283 20:09:59	31			AC7DDB	000480 DEAD BAND CONTROL			08359:44:785F	00-283/09:09:23	1TI
57	283 20:09:59	31			CC7AHRP	SS HTR A OFF			08359:44:785F	00-283/09:09:23	1TI
58	283 20:09:59	31			CC7BHP	SS HTR B ON			08359:44:785F	00-283/09:09:23	1TI
59	283 20:09:59	31			CC7ML	01 FDS CHAN A			08359:44:785F	00-283/09:09:23	1TI
60	283 20:09:59	31			CC7ML	09 TCAPU FAULT ENA			08359:44:785F	00-283/09:09:23	1TI
61	283 20:09:59	31			AC7PCG	61 AACS BAY 6 HTR A OFF			08359:44:785F	00-283/09:09:23	1TI
62	283 20:09:59	31			AC7PCG	71 AACS BAY 6 HTR B OFF			08359:44:785F	00-283/09:09:23	1TI
63	283 20:09:59	31			CC7MMRP	PROC/MEM 2 SELECT			08359:44:785F	00-283/09:09:23	1TI
64	283 20:09:59	31			CC7SHP	AZ SCAN ACTUATOR HTR ON			08359:44:785F	00-283/09:09:23	1TI
65	283 20:09:59	31			AC7PCG	22 CST SUN SHUTTER OFF			08359:44:785F	00-283/09:09:23	1TI
66	283 20:09:59	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			08359:44:785F	00-283/09:09:23	1TI
67	283 20:09:59	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			08359:44:785F	00-283/09:09:23	1TI
68	283 20:09:59	31			CC1PHRP	SCAN PLAT SUPL HTR OFF			08359:44:785F	00-283/09:09:23	1TI
69	283 20:09:59	31			CC77MRP	MAM OFF			08359:44:785F	00-283/09:09:23	1TI

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70	283 20:09:59	31			DC77PR	NON-PRIME FCP/MEM OFF			08359:44:785F	00-283/09:09:23	1TI
71	283 20:09:59	31			DC77XR	MAM COMMAND DISABLE			08359:44:785F	00-283/09:09:23	1TI
72	283 20:09:59	31				PYRO STATUS			08359:44:785F	00-283/09:09:23	1TI
73	283 20:09:59	31			CC8D	PSU INSTRUMENTATION ON			08359:44:785F	00-283/09:09:23	1TI
74	283 20:09:59	31			DC8XR	PYRO DISABLE			08359:44:785F	00-283/09:09:23	1TI
75	283 20:09:59	31				PROPULSION STATUS			08359:44:785F	00-283/09:09:23	1TI
76	283 20:09:59	31			CC10CRP	TCM HTR OFF			08359:44:785F	00-283/09:09:23	1TI
77	283 20:09:59	31			CC10DR	AP BR1 HTR OFF			08359:44:785F	00-283/09:09:23	1TI
78	283 20:09:59	31			CC10ER	AP BR2 HTR OFF			08359:44:785F	00-283/09:09:23	1TI
79	283 20:09:59	31			CC10TRP	TCM LINE HTRS OFF			08359:44:785F	00-283/09:09:23	1TI
80	283 20:09:59	31				DSS STATUS			08359:44:785F	00-283/09:09:23	1TI
81	283 20:09:59	31			CC16BR	DSS 10 W REPL HTR OFF			08359:44:785F	00-283/09:09:23	1TI
82	283 20:09:59	31			CC16AP	DSS ON			08359:44:785F	00-283/09:09:23	1TI
83	283 20:09:59	31			CC1DR	BAY 2 19 W HTR OFF			08359:44:785F	00-283/09:09:23	1TI
84	283 20:09:59	31			CC16C	7215 DSS CONTROL			08359:44:785F	00-283/09:09:23	1TI
85	283 20:09:59	31				SCIENCE PWR STATUS			08359:44:785F	00-283/09:09:23	1TI
86	283 20:09:59	31			CC1CR	MAG COIL OFF			08359:44:785F	00-283/09:09:23	1TI
87	283 20:09:59	31			CC21A	CRS ON			08359:44:785F	00-283/09:09:23	1TI
88	283 20:09:59	31			CC21B	CRS REPL HTR ON			08359:44:785F	00-283/09:09:23	1TI
89	283 20:09:59	31			CC21CR	CRS SUPP HTR OFF			08359:44:785F	00-283/09:09:23	1TI
90	283 20:09:59	31			CC22A	PRA ON			08359:44:785F	00-283/09:09:23	1TI
91	283 20:09:59	31			CC23A	PWS ON			08359:44:785F	00-283/09:09:23	1TI
92	283 20:09:59	31			CC25A	LECP ON			08359:44:785F	00-283/09:09:23	1TI

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93	283 20:09:59	31			CC25B	LECP STEPPER MOTOR ON			08359:44:785F	00-283/09:09:23	1TI
94	283 20:09:59	31			CC25CR	LECP REPL HTR OFF			08359:44:785F	00-283/09:09:23	1TI
95	283 20:09:59	31			CC25D	LECP MAIN SUPP HTR ON			08359:44:785F	00-283/09:09:23	1TI
96	283 20:09:59	31			CC25E	LECP LEPT SUPP HTR ON			08359:44:785F	00-283/09:09:23	1TI
97	283 20:09:59	31			CC27BR	PPS SUPP HTR OFF			08359:44:785F	00-283/09:09:23	1TI
98	283 20:09:59	31			CC32A	PLS ON			08359:44:785F	00-283/09:09:23	1TI
99	283 20:09:59	31			CC32BR	PLS SUPP HTR OFF			08359:44:785F	00-283/09:09:23	1TI
100	283 20:09:59	31			CC32C	PLS REPL HTR ON			08359:44:785F	00-283/09:09:23	1TI
101	283 20:09:59	31			CC34A	UVS ON			08359:44:785F	00-283/09:09:23	1TI
102	283 20:09:59	31			CC34B	UVS REPL HTR ON			08359:44:785F	00-283/09:09:23	1TI
103	283 20:09:59	31			CC35AR	MAG OFF			08359:44:785F	00-283/09:09:23	1TI
104	283 20:09:59	31			CC35B	MAG STANDBY ON			08359:44:785F	00-283/09:09:23	1TI
105	283 20:09:59	31			CC35GR	MAG SENSOR HTR OFF			08359:44:785F	00-283/09:09:23	1TI
106	283 20:09:59	31			CC36GR	ISS WA VID REPL HTR OFF			08359:44:785F	00-283/09:09:23	1TI
107	283 20:09:59	31			CC36H	ISS WA ELEC REPL HTR ON			08359:44:785F	00-283/09:09:23	1TI
108	283 20:09:59	31			CC36CRP	ISS NA OPTICS HTR OFF			08359:44:785F	00-283/09:09:23	1TI
109	283 20:09:59	31			CC36FRP	ISS NA VID REPL HTR OFF			08359:44:785F	00-283/09:09:23	1TI
110	283 20:09:59	31			CC36JP	ISS NA ELEC REPL HTR ON			08359:44:785F	00-283/09:09:23	1TI
111	283 20:09:59	31			CC39D	IRIS REPL HTR ON			08359:44:785F	00-283/09:09:23	1TI
112	283 20:09:59	31			CC39FR	IRIS STANDBY A SUPPLY OFF			08359:44:785F	00-283/09:09:23	1TI
113	283 20:09:59	31			CC39BR	IRIS STANDBY B SUPPLY OFF			08359:44:785F	00-283/09:09:23	1TI
114	283 20:09:59	31				SCIENCE INSTRUMENT STATUS			08359:44:785F	00-283/09:09:23	1TI
115	283 20:09:59	31			SC21AF	01000 CRS CMD WORD			08359:44:785F	00-283/09:09:23	1TI

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116	283 20:09:59	31			SC21AF	02000 CRS CMD WORD			08359:44:785F	00-283/09:09:23	1TI
117	283 20:09:59	31			SC21AF	03000 CRS CMD WORD			08359:44:785F	00-283/09:09:23	1TI
118	283 20:09:59	31			SC21AF	04000 CRS CMD WORD			08359:44:785F	00-283/09:09:23	1TI
119	283 20:09:59	31			SC21AF	05200 CRS CMD WORD			08359:44:785F	00-283/09:09:23	1TI
120	283 20:09:59	31			SC21AF	06000 CRS CMD WORD			08359:44:785F	00-283/09:09:23	1TI
121	283 20:09:59	31			SC21AF	07200 CRS CMD WORD			08359:44:785F	00-283/09:09:23	1TI
122	283 20:09:59	31			SC21AF	08200 CRS CMD WORD			08359:44:785F	00-283/09:09:23	1TI
123	283 20:09:59	31			SC21AF	10000 CRS CMD WORD			08359:44:785F	00-283/09:09:23	1TI
124	283 20:09:59	31			SC21AF	11000 CRS CMD WORD			08359:44:785F	00-283/09:09:23	1TI
125	283 20:09:59	31			SC21AF	12000 CRS CMD WORD			08359:44:785F	00-283/09:09:23	1TI
126	283 20:09:59	31			SC21AF	13012 CRS CMD WORD			08359:44:785F	00-283/09:09:23	1TI
127	283 20:09:59	31			SC21AG	CRS HV FLAG			08359:44:785F	00-283/09:09:23	1TI
128	283 20:09:59	31			SC21AH	CRS CAL-ST FLAG			08359:44:785F	00-283/09:09:23	1TI
129	283 20:09:59	31			SC22AF	1347 PRA CONFIGURATION CMD			08359:44:785F	00-283/09:09:23	1TI
130	283 20:09:59	31			SC22NU	0000 PRA MODE SELECT			08359:44:785F	00-283/09:09:23	1TI
131	283 20:09:59	31			SC23AD	5 PWS CMD WORD			08359:44:785F	00-283/09:09:23	1TI
132	283 20:09:59	31			SC25AH	1777 LECP CMD WORD			08359:44:785F	00-283/09:09:23	1TI
133	283 20:09:59	31			SC25AH	2417 LECP CMD WORD			08359:44:785F	00-283/09:09:23	1TI
134	283 20:09:59	31			SC25AH	5600 LECP CMD WORD			08359:44:785F	00-283/09:09:23	1TI
135	283 20:09:59	31			SC25AH	6032 LECP CMD WORD			08359:44:785F	00-283/09:09:23	1TI
136	283 20:09:59	31			SC25AJ	1 LECP MOTOR STEP CMD			08359:44:785F	00-283/09:09:23	1TI
137	283 20:09:59	31			SC25AN	0 LECP NEAR/FAR ENC			08359:44:785F	00-283/09:09:23	1TI
138	283 20:09:59	31			SC25AQ	5200 LECP SAFE CMD			08359:44:785F	00-283/09:09:23	1TI

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139	283 20:09:59	31			SC32AF	2 PLS E1 INT/AMP GAIN			08359:44:785F	00-283/09:09:23	1TI
140	283 20:09:59	31			SC32AG	2 PLS E2 INT/AMP GAIN			08359:44:785F	00-283/09:09:23	1TI
141	283 20:09:59	31			SC32AH	3 PLS M INT/AMP GAIN			08359:44:785F	00-283/09:09:23	1TI
142	283 20:09:59	31			SC32AJ	11 PLS CONFIG CMD			08359:44:785F	00-283/09:09:23	1TI
143	283 20:09:59	31			SC32AK	2 PLS L INT/AMP GAIN			08359:44:785F	00-283/09:09:23	1TI
144	283 20:09:59	31			SC32AL	216 PLS M START WORD 1			08359:44:785F	00-283/09:09:23	1TI
145	283 20:09:59	31			SC32AM	216 PLS M START WORD 2			08359:44:785F	00-283/09:09:23	1TI
146	283 20:09:59	31			SC32AN	2 PLS M MODE			08359:44:785F	00-283/09:09:23	1TI
147	283 20:09:59	31			SC32AP	3 PLS E1 SHRT			08359:44:785F	00-283/09:09:23	1TI
148	283 20:09:59	31			SC32AQ	3 PLS E2 SHRT			08359:44:785F	00-283/09:09:23	1TI
149	283 20:09:59	31			SC32AR	3 PLS L SHORT			08359:44:785F	00-283/09:09:23	1TI
150	283 20:09:59	31			SC32AS	2 PLS E1 LONG			08359:44:785F	00-283/09:09:23	1TI
151	283 20:09:59	31			SC32AT	2 PLS E2 LONG			08359:44:785F	00-283/09:09:23	1TI
152	283 20:09:59	31			SC32AU	2 PLS L LONG			08359:44:785F	00-283/09:09:23	1TI
153	283 20:09:59	31			SC34AE	13 UVS MODE/HV LEVEL			08359:44:785F	00-283/09:09:23	1TI
154	283 20:09:59	31			SC34AF	0 UVS READ OUT FLAG			08359:44:785F	00-283/09:09:23	1TI
155	283 20:09:59	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			08359:44:785F	00-283/09:09:23	1TI
156	283 20:09:59	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			08359:44:785F	00-283/09:09:23	1TI
157	283 20:10:00	31				BEGIN SEQUENCE A037 -- LOCK STAR			08359:45:001F	00-283/09:09:23	1T
158	283 21:00:00	31	63	OPCH 63		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
159	283 21:00:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
160	283 21:01:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
161	283 21:02:00	31	63	OPCH 63		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
162	283 21:27:00	31	63	OPCH 63		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
163	283 21:30:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8459 (D/L ONLY)					1DP
164	283 21:45:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8458					1DP
165	283 21:47:05	31	60 SET			10 DEGREE SET DSC-60					1V
166	284 00:00:00	31				VGR-31 OWLT IS 11H 00M 37S					1L
167	284 01:11:22	31	40RISE			10 DEGREE RISE DSC-40					1V
168	284 04:40:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8459					1DP
169	284 05:13:13	31	10 SET			10 DEGREE SET DSC-10					1V
170	284 10:09:37	31	60RISE			10 DEGREE RISE DSC-60					1V
171	284 10:18:56	31	40 SET			10 DEGREE SET DSC-40					1V
172	284 10:20:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8459 (D/L ONLY)					1DP
173	284 12:00:00	31				VGR-31 OWLT IS 11H 00M 43S					1L
174	284 13:50:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8459					1DP

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
205	285 02:54:13	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		08398:10:010F	00-284/15:53:24	1ECf
206	285 02:55:01	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	08398:11:001F	00-284/15:54:11	1ESf
207	285 02:55:01	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		08398:11:002F	00-284/15:54:11	1ECs
208	285 02:55:02	31				END PMPCALLR			08398:11:018F	00-284/15:54:12	1T
209	285 04:02:02	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
210	285 04:02:02	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
211	285 04:02:50	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
212	285 04:02:50	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
213	285 04:05:26	31				BEGIN PWSREC.31			08399:39:001F	00-284/17:04:35	1T
214	285 04:05:26	31			SC32AJ	(10) PLS CONFIG CMD	FDS		08399:39:010F	00-284/17:04:36	1ECf
215	285 04:06:14	31				B- DRGS4B			08399:40:001F	00-284/17:05:23	1TB
216	285 04:06:14	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		08399:40:009F	00-284/17:05:24	1ECf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
217	285 04:06:58	31				BEGIN RECORDING PWS DATA			08399:40:734F	00-284/17:06:07	1T
218	285 04:06:58	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		08399:40:735F	00-284/17:06:08	1ECd
219	285 04:06:58	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:2342	DTR		08399:40:735F	00-284/17:06:08	1ESd
220	285 04:07:02	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	08399:41:001F	00-284/17:06:11	1ESf
221	285 04:07:02	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		08399:41:002F	00-284/17:06:12	1ECs
222	285 04:07:03	31				B- DRCRUS			08399:41:018F	00-284/17:06:12	1TB
223	285 04:07:03	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		08399:41:026F	00-284/17:06:13	1ECf
224	285 04:07:50	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	08399:42:001F	00-284/17:06:59	1ESf
225	285 04:07:50	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		08399:42:002F	00-284/17:07:00	1ECs
226	285 04:07:50	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		08399:42:002F	00-284/17:07:00	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
227	285 04:07:50	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2634	DTR		08399:42:002F	00-284/17:07:00	1ESd
228	285 04:08:38	31			SC32AJ	(11) PLS CONFIG CMD	FDS		08399:43:010F	00-284/17:07:48	1ECf
229	285 04:08:39	31				END PWSREC.31			08399:43:018F	00-284/17:07:48	1T
230	285 04:10:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8460					1DP
231	285 05:09:18	31	10 SET			10 DEGREE SET DSC-10					1V
232	285 10:05:44	31	60RISE			10 DEGREE RISE DSC-60					1V
233	285 10:15:04	31	40 SET			10 DEGREE SET DSC-40					1V
234	285 12:00:00	31				VGR-31 OWLT IS 11H 00M 53S					1L
235	285 14:27:06	31			AC7SSB	(4 +147) SS BIAS CONTROL --- YAW	AACS		08412:36:003F	00-285/03:26:12	1ECa
236	285 16:00:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8460 (D/L ONLY)					1DP
237	285 17:38:20	31	10RISE			10 DEGREE RISE DSC-10					1V
238	285 19:03:56	31			AC7SSB	(3 +018) SS BIAS CONTROL - PITCH	AACS		08418:22:003F	00-285/08:03:00	1ECa
239	285 20:10:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8461 (D/L ONLY)					1DP
240	285 20:30:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8460					1DP
241	285 21:39:15	31	60 SET			10 DEGREE SET DSC-60					1V
242	286 00:00:00	31				VGR-31 OWLT IS 11H 00M 58S					1L
243	286 00:29:35	31				B- UVSLEW			08425:09:001F	00-285/13:28:35	1TB
244	286 00:29:35	31				SLEW TO HELIO-20C			08425:09:001F	00-285/13:28:35	1T
245	286 00:29:35	31				B- PLATPOB			08425:09:001F	00-285/13:28:35	1TB
246	286 00:29:35	31			AC7SPK	(1 12 2 173 176) EL SLEW R=LOW	AACS		08425:09:003F	00-285/13:28:36	1ECa
247	286 00:29:35	31			AC7SPL	(2 12 2 255 137) AZ SLEW R=LOW	AACS		08425:09:005F	00-285/13:28:36	1ECa

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
248	286 00:34:30	31				B- SLEND			08425:15:118F	00-285/13:33:30	1TB
249	286 00:34:30	31			SLEWEND	AZ=223.968 EL=25.026 CO=21.258			08425:15:118F	00-285/13:33:30	1T
250	286 01:03:31	31	40RISE			10 DEGREE RISE DSC-40					1V
251	286 04:35:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8461					1DP
252	286 05:05:23	31	10 SET			10 DEGREE SET DSC-10					1V
253	286 09:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8461 (D/L ONLY)					1DP
254	286 10:01:52	31	60RISE			10 DEGREE RISE DSC-60					1V
255	286 10:11:11	31	40 SET			10 DEGREE SET DSC-40					1V
256	286 12:00:00	31				VGR-31 OWLT IS 11H 01M 04S					1L
257	286 12:29:40	31				B- UVSLEW			08440:09:001F	00-286/01:28:35	1TB
258	286 12:29:40	31				SLEW TO HELIO-19C			08440:09:001F	00-286/01:28:35	1T
259	286 12:29:40	31				B- PLATPOA			08440:09:001F	00-286/01:28:35	1TB
260	286 12:29:40	31			AC7SPK	(1 12 1 157 028) EL SLEW R=LOW	AACS		08440:09:003F	00-286/01:28:36	1ECa
261	286 12:34:30	31				B- SLEND			08440:15:034F	00-286/01:33:25	1TB
262	286 12:34:30	31			SLEWEND	AZ=223.968 EL=47.988 CO=43.970			08440:15:034F	00-286/01:33:25	1T
263	286 13:45:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8461					1DP
264	286 17:34:28	31	10RISE			10 DEGREE RISE DSC-10					1V
265	286 20:55:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8462 (D/L ONLY)					1DP
266	286 21:35:20	31	60 SET			10 DEGREE SET DSC-60					1V
267	287 00:00:00	31				VGR-31 OWLT IS 11H 01M 09S					1L
268	287 00:29:45	31				B- UVSLEW			08455:09:001F	00-286/13:28:35	1TB
269	287 00:29:45	31				SLEW TO HELIO-18C			08455:09:001F	00-286/13:28:35	1T
270	287 00:29:45	31				B- PLATPOA			08455:09:001F	00-286/13:28:35	1TB

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT 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	287 00:29:45	31			AC7SPK	(1 12 2 141 140) EL SLEW R=LOW	AACS		08455:09:003F	00-286/13:28:36	1ECa
272	287 00:34:30	31				B- SLEND			08455:14:751F	00-286/13:33:20	1TB
273	287 00:34:30	31			SLEWEND	AZ=223.968 EL=70.985 CO=66.854			08455:14:751F	00-286/13:33:20	1T
274	287 00:59:36	31	40RISE			10 DEGREE RISE DSC-40					1V
275	287 04:15:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8462					1DP
276	287 05:01:28	31	10 SET			10 DEGREE SET DSC-10					1V
277	287 09:57:59	31	60RISE			10 DEGREE RISE DSC-60					1V
278	287 10:07:18	31	40 SET			10 DEGREE SET DSC-40					1V
279	287 10:20:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8462 (D/L ONLY)					1DP
280	287 12:00:00	31				VGR-31 OWLT IS 11H 01M 14S					1L
281	287 12:29:50	31				B- UVSLEW			08470:09:001F	00-287/01:28:35	1TB
282	287 12:29:50	31				SLEW TO HELIO-17C			08470:09:001F	00-287/01:28:35	1T
283	287 12:29:50	31				B- PLATPOA			08470:09:001F	00-287/01:28:35	1TB
284	287 12:29:50	31			AC7SPK	(1 12 1 127 094) EL SLEW R=LOW	AACS		08470:09:003F	00-287/01:28:36	1ECa
285	287 12:33:59	31				B- SLEND			08470:14:151F	00-287/01:32:44	1TB
286	287 12:33:59	31			SLEWEND	AZ=223.968 EL=91.022 CO=86.799			08470:14:151F	00-287/01:32:44	1T
287	287 17:30:35	31	10RISE			10 DEGREE RISE DSC-10					1V
288	287 19:30:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8462					1DP
289	287 21:31:24	31	60 SET			10 DEGREE SET DSC-60					1V
290	287 23:00:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8463 (D/L ONLY)					1DP
291	288 00:00:00	31				VGR-31 OWLT IS 11H 01M 19S					1L
292	288 00:29:55	31				B- UVSLEW			08485:09:001F	00-287/13:28:35	1TB
293	288 00:29:55	31				SLEW TO HELIO-16C			08485:09:001F	00-287/13:28:35	1T

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
294	288 00:29:55	31				B- PLATPOA			08485:09:001F	00-287/13:28:35	1TB
295	288 00:29:55	31			AC7SPK	(1 12 1 111 076) EL SLEW R=LOW	AACS		08485:09:003F	00-287/13:28:36	1ECa
296	288 00:34:40	31				B- SLEND			08485:14:751F	00-287/13:33:20	1TB
297	288 00:34:40	31			SLEWEND	AZ=223.968 EL=114.014 CO=109.713			08485:14:751F	00-287/13:33:20	1T
298	288 00:55:41	31	40RISE			10 DEGREE RISE DSC-40					1V
299	288 04:25:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8463					1DP
300	288 04:57:33	31	10 SET			10 DEGREE SET DSC-10					1V
301	288 09:50:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8463 (D/L ONLY)					1DP
302	288 09:54:06	31	60RISE			10 DEGREE RISE DSC-60					1V
303	288 10:03:26	31	40 SET			10 DEGREE SET DSC-40					1V
304	288 12:00:00	31				VGR-31 OWLT IS 11H 01M 24S					1L
305	288 12:10:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8463 (D/L ONLY)					1DP
306	288 12:30:00	31				B- UVSLEW			08500:09:001F	00-288/01:28:35	1TB
307	288 12:30:00	31				SLEW TO HELIO-15C			08500:09:001F	00-288/01:28:35	1T
308	288 12:30:00	31				B- PLATPOA			08500:09:001F	00-288/01:28:35	1TB
309	288 12:30:00	31			AC7SPK	(1 12 1 096 127) EL SLEW R=LOW	AACS		08500:09:003F	00-288/01:28:36	1ECa
310	288 12:30:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8463					1DP
311	288 12:34:22	31				B- SLEND			08500:14:351F	00-288/01:32:56	1TB
312	288 12:34:22	31			SLEWEND	AZ=223.968 EL=134.993 CO=130.620			08500:14:351F	00-288/01:32:56	1T
313	288 17:26:42	31	10RISE			10 DEGREE RISE DSC-10					1V
314	288 17:45:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-8463					1DP
315	288 19:00:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8464 (D/L ONLY)					1DP
316	288 21:27:29	31	60 SET			10 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
317	289 00:00:00	31				VGR-31 OWLT IS 11H 01M 29S					1L
318	289 00:30:06	31				B- UVSLEW			08515:09:001F	00-288/13:28:35	1TB
319	289 00:30:06	31				SLEW TO HELIO-14C			08515:09:001F	00-288/13:28:35	1T
320	289 00:30:06	31				B- PLATPOA			08515:09:001F	00-288/13:28:35	1TB
321	289 00:30:06	31			AC7SPK	(1 12 2 089 171) EL SLEW R=LOW	AACS		08515:09:003F	00-288/13:28:36	1ECa
322	289 00:32:14	31				B- SLEND			08515:11:534F	00-288/13:30:43	1TB
323	289 00:32:14	31			SLEWEND	AZ=223.968 EL=144.988 CO=140.546			08515:11:534F	00-288/13:30:43	1T
324	289 00:51:46	31	40RISE			10 DEGREE RISE DSC-40					1V
325	289 01:45:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8464					1DP
326	289 04:53:38	31	10 SET			10 DEGREE SET DSC-10					1V
327	289 09:50:14	31	60RISE			10 DEGREE RISE DSC-60					1V
328	289 09:59:33	31	40 SET			10 DEGREE SET DSC-40					1V
329	289 10:05:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8464 (D/L ONLY)					1DP
330	289 12:00:00	31				VGR-31 OWLT IS 11H 01M 34S					1L
331	289 12:30:11	31				B- UVSLEW			08530:09:001F	00-289/01:28:35	1TB
332	289 12:30:11	31				SLEW TO HELIO-13C			08530:09:001F	00-289/01:28:35	1T
333	289 12:30:11	31				B- PLATPOA			08530:09:001F	00-289/01:28:35	1TB
334	289 12:30:11	31			AC7SPK	(1 12 2 083 118) EL SLEW R=LOW	AACS		08530:09:003F	00-289/01:28:36	1ECa
335	289 12:32:07	31				B- SLEND			08530:11:334F	00-289/01:30:31	1TB
336	289 12:32:07	31			SLEWEND	AZ=223.968 EL=154.000 CO=149.454			08530:11:334F	00-289/01:30:31	1T
337	289 13:35:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8464					1DP
338	289 17:22:49	31	10RISE			10 DEGREE RISE DSC-10					1V
339	289 17:31:01	31			AC7SSB	(4 +148) SS BIAS CONTROL --- YAW	AACS		08536:25:003F	00-289/06:29:24	1ECa

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
340	289 17:45:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8465 (D/L ONLY)					1DP
341	289 20:15:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8465					1DP
342	289 20:55:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8465 (D/L ONLY)					1DP
343	289 21:23:34	31	60 SET			10 DEGREE SET DSC-60					1V
344	290 00:00:00	31				VGR-31 OWLT IS 11H 01M 40S					1L
345	290 00:30:16	31				B- UVSLEW			08545:09:001F	00-289/13:28:35	1TB
346	290 00:30:16	31				SLEW TO HELIO-12C			08545:09:001F	00-289/13:28:35	1T
347	290 00:30:16	31				B- PLATPOA			08545:09:001F	00-289/13:28:35	1TB
348	290 00:30:16	31			AC7SPK	(1 12 1 075 108) EL SLEW R=LOW	AACS		08545:09:003F	00-289/13:28:36	1ECa
349	290 00:32:42	31				B- SLEND			08545:12:034F	00-289/13:31:01	1TB
350	290 00:32:42	31			SLEWEND	AZ=223.968 EL=165.518 CO=160.702			08545:12:034F	00-289/13:31:01	1T
351	290 00:47:51	31	40RISE			10 DEGREE RISE DSC-40					1V
352	290 04:05:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8465					1DP
353	290 04:49:43	31	10 SET			10 DEGREE SET DSC-10					1V
354	290 09:46:21	31	60RISE			10 DEGREE RISE DSC-60					1V
355	290 09:55:41	31	40 SET			10 DEGREE SET DSC-40					1V
356	290 10:30:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8465 (D/L ONLY)					1DP
357	290 12:00:00	31				VGR-31 OWLT IS 11H 01M 45S					1L
358	290 12:30:21	31				B- UVSLEW			08560:09:001F	00-290/01:28:35	1TB
359	290 12:30:21	31				SLEW TO HELIO-11C			08560:09:001F	00-290/01:28:35	1T
360	290 12:30:21	31				B- PLATPOA			08560:09:001F	00-290/01:28:35	1TB
361	290 12:30:21	31			AC7SPK	(1 12 2 068 132) EL SLEW R=LOW	AACS		08560:09:003F	00-290/01:28:36	1ECa
362	290 12:32:35	31				B- SLEND			08560:11:634F	00-290/01:30:49	1TB

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
363	290 12:32:35	31			SLEWEND	AZ=223.968 EL=176.032 CO=170.537			08560:11:634F	00-290/01:30:49	1T
364	290 14:15:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8465					1DP
365	290 17:18:56	31	10RISE			10 DEGREE RISE DSC-10					1V
366	290 18:15:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8466 (D/L ONLY)					1DP
367	290 21:19:39	31	60 SET			10 DEGREE SET DSC-60					1V
368	290 23:30:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8466 (D/L ONLY)					1DP
369	290 23:50:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8466					1DP
370	291 00:00:00	31				VGR-31 OWLT IS 11H 01M 50S					1L
371	291 00:30:26	31				B- UVSLEW			08575:09:001F	00-290/13:28:35	1TB
372	291 00:30:26	31				SLEW TO MIDPNT-C			08575:09:001F	00-290/13:28:35	1T
373	291 00:30:26	31				B- PLATPOB			08575:09:001F	00-290/13:28:35	1TB
374	291 00:30:26	31			AC7SPK	(1 12 1 093 214) EL SLEW R=LOW	AACS		08575:09:003F	00-290/13:28:36	1ECa
375	291 00:30:26	31			AC7SPK	(2 12 1 112 125) AZ SLEW R=LOW	AACS		08575:09:005F	00-290/13:28:36	1ECa
376	291 00:43:56	31	40RISE			10 DEGREE RISE DSC-40					1V
377	291 00:53:56	31				B- SLEND			08575:38:301F	00-290/13:52:05	1TB
378	291 00:53:56	31			SLEWEND	AZ=145.010 EL=140.021 CO=134.537			08575:38:301F	00-290/13:52:05	1T
379	291 02:20:00	31	14	OPCH 14		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
380	291 02:20:00	31	14	OPCH 14		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
381	291 02:21:00	31	14	OPCH 14		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
382	291 02:22:00	31	14	OPCH 14		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
383	291 02:47:00	31	14	OPCH 14		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
384	291 03:10:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8466					1DP
385	291 04:45:49	31	10 SET			10 DEGREE SET DSC-10					1V
386	291 09:40:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8466 (D/L ONLY)					1DP
387	291 09:42:29	31	60RISE			10 DEGREE RISE DSC-60					1V
388	291 09:51:48	31	40 SET			10 DEGREE SET DSC-40					1V
389	291 12:00:00	31				VGR-31 OWLT IS 11H 01M 55S					1L
390	291 12:30:31	31				B- UVSLEW			08590:09:001F	00-291/01:28:35	1TB
391	291 12:30:31	31				SLEW TO HELIO-10C			08590:09:001F	00-291/01:28:35	1T
392	291 12:30:31	31				B- PLATPOB			08590:09:001F	00-291/01:28:35	1TB
393	291 12:30:31	31			AC7SPK	(2 12 2 042 127) AZ SLEW R=LOW	AACS		08590:09:003F	00-291/01:28:36	1ECa
394	291 12:30:31	31			AC7SPK	(1 12 1 071 142) EL SLEW R=LOW	AACS		08590:09:005F	00-291/01:28:36	1ECa
395	291 12:57:34	31				B- SLEND			08590:42:651F	00-291/01:55:38	1TB
396	291 12:57:34	31			SLEWEND	AZ=43.975 EL=172.024 CO=174.036			08590:42:651F	00-291/01:55:38	1T
397	291 17:15:04	31	10RISE			10 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
426	292 03:44:14	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		08609:11:026F	00-291/16:42:13	1ECf
427	292 03:45:01	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	08609:12:001F	00-291/16:42:59	1ESf
428	292 03:45:01	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		08609:12:002F	00-291/16:43:00	1ECd
429	292 03:45:01	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2933	DTR		08609:12:002F	00-291/16:43:00	1ESd
430	292 03:45:01	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		08609:12:002F	00-291/16:43:00	1ECs
431	292 03:45:49	31			SC32AJ	(11) PLS CONFIG CMD	FDS		08609:13:010F	00-291/16:43:48	1ECf
432	292 03:45:50	31				END PWSREC.31			08609:13:018F	00-291/16:43:48	1T
433	292 04:10:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8467					1DP
434	292 04:41:54	31	10 SET			10 DEGREE SET DSC-10					1V
435	292 09:38:36	31	60RISE			10 DEGREE RISE DSC-60					1V
436	292 09:47:56	31	40 SET			10 DEGREE SET DSC-40					1V
437	292 11:20:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8467 (D/L ONLY)					1DP
438	292 12:00:00	31				VGR-31 OWLT IS 11H 02M 05S					1L
439	292 12:30:41	31				B- UVSLEW			08620:09:001F	00-292/01:28:35	1TB
440	292 12:30:41	31				SLEW TO HELIO-8C			08620:09:001F	00-292/01:28:35	1T
441	292 12:30:41	31				B- PLATPOA			08620:09:001F	00-292/01:28:35	1TB

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
442	292 12:30:41	31			AC7SPK	(1 12 1 086 126) EL SLEW R=LOW	AACS		08620:09:003F	00-292/01:28:36	1ECa
443	292 12:32:52	31				B- SLEND			08620:11:584F	00-292/01:30:46	1TB
444	292 12:32:52	31			SLEWEND	AZ=43.975 EL=150.019 CO=153.825			08620:11:584F	00-292/01:30:46	1T
445	292 16:45:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-8467					1DP
446	292 17:11:11	31	10RISE			10 DEGREE RISE DSC-10					1V
447	292 21:11:50	31	60 SET			10 DEGREE SET DSC-60					1V
448	293 00:00:00	31				VGR-31 OWLT IS 11H 02M 10S					1L
449	293 00:10:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8468 (U/L PASS)					1DP
450	293 00:30:46	31				B- UVSLEW			08635:09:001F	00-292/13:28:35	1TB
451	293 00:30:46	31				SLEW TO HELIO-7C			08635:09:001F	00-292/13:28:35	1T
452	293 00:30:46	31				B- PLATPOA			08635:09:001F	00-292/13:28:35	1TB
453	293 00:30:46	31			AC7SPK	(1 12 2 094 117) EL SLEW R=LOW	AACS		08635:09:003F	00-292/13:28:36	1ECa
454	293 00:33:06	31				B- SLEND			08635:11:734F	00-292/13:30:55	1TB
455	293 00:33:06	31			SLEWEND	AZ=43.975 EL=139.020 CO=142.964			08635:11:734F	00-292/13:30:55	1T
456	293 00:36:06	31	40RISE			10 DEGREE RISE DSC-40					1V
457	293 04:15:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8468					1DP
458	293 04:37:59	31	10 SET			10 DEGREE SET DSC-10					1V
459	293 09:34:44	31	60RISE			10 DEGREE RISE DSC-60					1V
460	293 09:44:03	31	40 SET			10 DEGREE SET DSC-40					1V
461	293 12:00:00	31				VGR-31 OWLT IS 11H 02M 14S					1L
462	293 12:30:51	31				B- UVSLEW			08650:09:001F	00-293/01:28:35	1TB
463	293 12:30:51	31				SLEW TO HELIO-6C			08650:09:001F	00-293/01:28:35	1T
464	293 12:30:51	31				B- PLATPOA			08650:09:001F	00-293/01:28:35	1TB

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
465	293 12:30:51	31			AC7SPK	(1 12 2 100 170) EL SLEW R=LOW	AACS		08650:09:003F	00-293/01:28:36	1ECa
466	293 12:32:46	31				B- SLEND			08650:11:318F	00-293/01:30:30	1TB
467	293 12:32:46	31			SLEWEND	AZ=43.975 EL=130.019 CO=134.023			08650:11:318F	00-293/01:30:30	1T
468	293 17:07:18	31	10RISE			10 DEGREE RISE DSC-10					1V
469	293 19:45:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8469 (D/L ONLY)					1DP
470	293 20:34:54	31			AC7SSB	(4 +149) SS BIAS CONTROL --- YAW	AACS		08660:14:003F	00-293/09:32:36	1ECa
471	293 21:07:55	31	60 SET			10 DEGREE SET DSC-60					1V
472	294 00:00:00	31				VGR-31 OWLT IS 11H 02M 19S					1L
473	294 00:30:56	31				B- UVSLEW			08665:09:001F	00-293/13:28:35	1TB
474	294 00:30:56	31				SLEW TO HELIO-5C			08665:09:001F	00-293/13:28:35	1T
475	294 00:30:56	31				B- PLATPOA			08665:09:001F	00-293/13:28:35	1TB
476	294 00:30:56	31			AC7SPK	(1 12 1 106 039) EL SLEW R=LOW	AACS		08665:09:003F	00-293/13:28:36	1ECa
477	294 00:32:11	31	40RISE			10 DEGREE RISE DSC-40					1V
478	294 00:32:33	31				B- SLEND			08665:11:018F	00-293/13:30:12	1TB
479	294 00:32:33	31			SLEWEND	AZ=43.975 EL=122.534 CO=126.600			08665:11:018F	00-293/13:30:12	1T
480	294 04:00:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8469					1DP
481	294 04:34:05	31	10 SET			10 DEGREE SET DSC-10					1V
482	294 09:30:51	31	60RISE			10 DEGREE RISE DSC-60					1V
483	294 09:40:11	31	40 SET			10 DEGREE SET DSC-40					1V
484	294 09:50:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8469 (D/L ONLY)					1DP
485	294 12:00:00	31				VGR-31 OWLT IS 11H 02M 24S					1L
486	294 12:31:00	31				B- UVSLEW			08680:09:001F	00-294/01:28:35	1TB
487	294 12:31:00	31				SLEW TO HELIO-4C			08680:09:001F	00-294/01:28:35	1T

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
488	294 12:31:00	31				B- PLATPOA			08680:09:001F	00-294/01:28:35	1TB
489	294 12:31:00	31			AC7SPK	(1 12 1 114 215) EL SLEW R=LOW	AACS		08680:09:003F	00-294/01:28:36	1ECa
490	294 12:33:38	31				B- SLEND			08680:12:234F	00-294/01:31:13	1TB
491	294 12:33:38	31			SLEWEND	AZ=43.975 EL=110.058 CO=114.162			08680:12:234F	00-294/01:31:13	1T
492	294 13:15:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8469					1DP
493	294 17:03:26	31	10RISE			10 DEGREE RISE DSC-10					1V
494	294 19:25:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8470 (U/L PASS)					1DP
495	294 21:04:00	31	60 SET			10 DEGREE SET DSC-60					1V
496	294 23:55:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8470 (D/L ONLY)					1DP
497	295 00:00:00	31				VGR-31 OWLT IS 11H 02M 29S					1L
498	295 00:15:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8470					1DP
499	295 00:28:16	31	40RISE			10 DEGREE RISE DSC-40					1V
500	295 00:31:05	31				B- UVSLEW			08695:09:001F	00-294/13:28:35	1TB
501	295 00:31:05	31				SLEW TO HELIO-3C			08695:09:001F	00-294/13:28:35	1T
502	295 00:31:05	31				B- PLATPOA			08695:09:001F	00-294/13:28:35	1TB
503	295 00:31:05	31			AC7SPK	(1 12 2 121 136) EL SLEW R=LOW	AACS		08695:09:003F	00-294/13:28:36	1ECa
504	295 00:33:00	31				B- SLEND			08695:11:318F	00-294/13:30:30	1TB
505	295 00:33:00	31			SLEWEND	AZ=43.975 EL=101.064 CO=105.197			08695:11:318F	00-294/13:30:30	1T
506	295 04:00:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8470					1DP
507	295 04:30:10	31	10 SET			10 DEGREE SET DSC-10					1V
508	295 09:26:59	31	60RISE			10 DEGREE RISE DSC-60					1V
509	295 09:35:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8470 (D/L ONLY)					1DP
510	295 09:36:18	31	40 SET			10 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
511	295 12:00:00	31				VGR-31 OWLT IS 11H 02M 34S					1L
512	295 12:31:10	31				B- UVSLEW			08710:09:001F	00-295/01:28:35	1TB
513	295 12:31:10	31				SLEW TO HELIO-2C			08710:09:001F	00-295/01:28:35	1T
514	295 12:31:10	31				B- PLATPOA			08710:09:001F	00-295/01:28:35	1TB
515	295 12:31:10	31			AC7SPK	(1 12 1 128 128) EL SLEW R=LOW	AACS		08710:09:003F	00-295/01:28:36	1ECa
516	295 12:33:30	31				B- SLEND			08710:11:734F	00-295/01:30:55	1TB
517	295 12:33:30	31			SLEWEND	AZ=43.975 EL=90.044 CO=94.219			08710:11:734F	00-295/01:30:55	1T
518	295 16:59:33	31	10RISE			10 DEGREE RISE DSC-10					1V
519	295 20:45:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8471 (D/L ONLY)					1DP
520	295 21:00:05	31	60 SET			10 DEGREE SET DSC-60					1V
521	295 21:05:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8470					1DP
522	296 00:00:00	31				VGR-31 OWLT IS 11H 02M 39S					1L
523	296 00:24:22	31	40RISE			10 DEGREE RISE DSC-40					1V
524	296 00:31:15	31				B- UVSLEW			08725:09:001F	00-295/13:28:35	1TB
525	296 00:31:15	31				SLEW TO HELIO-1C			08725:09:001F	00-295/13:28:35	1T
526	296 00:31:15	31				B- PLATPOA			08725:09:001F	00-295/13:28:35	1TB
527	296 00:31:15	31			AC7SPK	(1 12 1 135 216) EL SLEW R=LOW	AACS		08725:09:003F	00-295/13:28:36	1ECa
528	296 00:33:23	31				B- SLEND			08725:11:534F	00-295/13:30:43	1TB
529	296 00:33:23	31			SLEWEND	AZ=43.975 EL=80.049 CO=84.267			08725:11:534F	00-295/13:30:43	1T
530	296 01:55:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8471 (D/L ONLY)					1DP
531	296 02:15:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8471					1DP
532	296 03:40:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8471					1DP
533	296 04:26:15	31	10 SET			10 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
534	296 09:23:06	31	60RISE			10 DEGREE RISE DSC-60					1V
535	296 09:32:26	31	40 SET			10 DEGREE SET DSC-40					1V
536	296 09:35:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8471 (D/L ONLY)					1DP
537	296 12:00:00	31				VGR-31 OWLT IS 11H 02M 44S					1L
538	296 12:31:20	31				B- UVSLEW			08740:09:001F	00-296/01:28:35	1TB
539	296 12:31:20	31				SLEW TO y Pup			08740:09:001F	00-296/01:28:35	1T
540	296 12:31:20	31				B- PLATPOB			08740:09:001F	00-296/01:28:35	1TB
541	296 12:31:20	31			AC7SPK	(1 12 1 165 163) EL SLEW R=LOW	AACS		08740:09:003F	00-296/01:28:36	1ECa
542	296 12:31:20	31			AC7SPK	(2 12 2 006 186) AZ SLEW R=LOW	AACS		08740:09:005F	00-296/01:28:36	1ECa
543	296 12:50:27	31				B- SLEND			08740:32:718F	00-296/01:47:42	1TB
544	296 12:50:27	31			SLEWEND	AZ=-6.771 EL=36.637 CO=42.866			08740:32:718F	00-296/01:47:42	1T
545	296 13:50:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8471					1DP
546	296 16:55:40	31	10RISE			10 DEGREE RISE DSC-10					1V
547	296 20:56:10	31	60 SET			10 DEGREE SET DSC-60					1V
548	296 23:15:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8472 (D/L ONLY)					1DP
549	297 00:00:00	31				VGR-31 OWLT IS 11H 02M 48S					1L
550	297 00:20:27	31	40RISE			10 DEGREE RISE DSC-40					1V
551	297 03:35:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8472					1DP
552	297 04:22:21	31	10 SET			10 DEGREE SET DSC-10					1V
553	297 09:19:14	31	60RISE			10 DEGREE RISE DSC-60					1V
554	297 09:28:34	31	40 SET			10 DEGREE SET DSC-40					1V
555	297 12:00:00	31				VGR-31 OWLT IS 11H 02M 53S					1L
556	297 16:51:48	31	10RISE			10 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
557	297 17:05:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8472 (D/L ONLY)					1DP
558	297 20:05:00	31	63	OPCH 63		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
559	297 20:05:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
560	297 20:06:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
561	297 20:07:00	31	63	OPCH 63		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
562	297 20:30:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8473 (D/L ONLY)					1DP
563	297 20:32:00	31	63	OPCH 63		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
564	297 20:50:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8472					1DP
565	297 20:52:16	31	60 SET			10 DEGREE SET DSC-60					1V
566	297 23:38:46	31			AC7SSB	(4 +150) SS BIAS CONTROL --- YAW	AACS		08784:03:003F	00-297/12:35:48	1ECa
567	298 00:00:00	31				VGR-31 OWLT IS 11H 02M 58S					1L
568	298 00:16:32	31	40RISE			10 DEGREE RISE DSC-40					1V
569	298 03:30:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8473					1DP
570	298 04:18:27	31	10 SET			10 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
599	299 03:21:21	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		08818:41:026F	00-298/16:18:13	1ECf
600	299 03:22:08	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	08818:42:001F	00-298/16:18:59	1ESf
601	299 03:22:08	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		08818:42:002F	00-298/16:19:00	1ECs
602	299 03:22:08	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		08818:42:002F	00-298/16:19:00	1ECd
603	299 03:22:08	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:3232	DTR		08818:42:002F	00-298/16:19:00	1ESd
604	299 03:22:56	31			SC32AJ	(11) PLS CONFIG CMD	FDS		08818:43:009F	00-298/16:19:48	1ECf
605	299 03:22:57	31				END PWSREC.31			08818:43:018F	00-298/16:19:48	1T
606	299 04:14:32	31	10 SET			10 DEGREE SET DSC-10					1V
607	299 04:15:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8474					1DP
608	299 09:11:29	31	60RISE			10 DEGREE RISE DSC-60					1V
609	299 09:20:49	31	40 SET			10 DEGREE SET DSC-40					1V
610	299 12:00:00	31				VGR-31 OWLT IS 11H 03M 12S					1L
611	299 16:44:03	31	10RISE			10 DEGREE RISE DSC-10					1V
612	299 17:14:14	31				TAPPOS-1705			08836:02:001F	00-299/06:10:59	1T
613	299 17:14:14	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		08836:02:001F	00-299/06:10:59	1ECd

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
614	299 17:14:14	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3239	DTR		08836:02:001F	00-299/06:10:59	1ESd
615	299 17:25:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8475 (D/L ONLY)					1DP
616	299 18:25:17	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		08837:30:654F	00-299/07:22:03	1ECd
617	299 18:25:17	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1704	DTR		08837:30:654F	00-299/07:22:03	1ESd
618	299 18:54:14	31				FWD/TRK 3			08838:07:001F	00-299/07:50:59	1T
619	299 18:54:14	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		08838:07:001F	00-299/07:50:59	1ECd
620	299 18:54:14	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1704	DTR		08838:07:001F	00-299/07:50:59	1ESd
621	299 18:57:15	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
622	299 18:58:14	31				B- PWSPB.31			08838:12:001F	00-299/07:54:59	1TB
623	299 18:58:14	31				BEGIN PWSPBA31			08838:12:001F	00-299/07:54:59	1T
624	299 18:58:14	31				CHECK IF RFLOSS FAIL			08838:12:001F	00-299/07:54:59	1T
625	299 18:58:14	31				IF FAIL SKIP HIGHPWR			08838:12:001F	00-299/07:54:59	1T
626	299 18:58:14	31			CC1TR	BAY 1 HTR OFF	PWR		08838:12:002F	00-299/07:55:00	1ECp
627	299 19:02:15	31				X BAND HIGH POWER			08838:17:001F	00-299/07:58:59	1T
628	299 19:02:15	31			DC2H	X-BAND TWT HIGH POWER	RFS		08838:17:002F	00-299/07:58:59	1ECr
629	299 19:58:15	31				B- YAW05			08839:27:001F	00-299/08:54:59	1TB
630	299 19:58:15	31				YAW05			08839:27:001F	00-299/08:54:59	1T

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
631	299 19:58:15	31			AC7PAR	(6741 000740) +YAW DB=.05 DEG	AACS		08839:27:004F	00-299/08:55:00	1ECa
632	299 20:02:03	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
633	299 20:02:03	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
634	299 20:02:03	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
635	299 20:06:15	31				B- DRPBDB.31			08839:37:001F	00-299/09:02:59	1TB
636	299 20:06:15	31				BEGIN DDPB1431			08839:37:001F	00-299/09:02:59	1T
637	299 20:06:15	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		08839:37:009F	00-299/09:03:00	1ECf
638	299 20:07:03	31				BEGIN PLAYBACK			08839:38:001F	00-299/09:03:47	1T
639	299 20:07:03	31		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PA/FDS11	FDS	PB-14	08839:38:001F	00-299/09:03:47	1ESf
640	299 20:07:03	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		08839:38:001F	00-299/09:03:47	1ECs
641	299 20:07:03	31			CC6AD	(3 2 0 2) SVC-W4 FDS MEM B WRT PROTECT	FDS		08839:38:002F	00-299/09:03:47	1ECf
642	299 20:07:03	31		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PA/FDS11	FDS	PB-14	08839:38:002F	00-299/09:03:47	1ESf
643	299 20:07:03	31			CC16C	(1210) DTR STATE SELECT:PLAYBACK	DTR		08839:38:004F	00-299/09:03:48	1ECd

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
644	299 20:07:03	31				DTR STATUS MODE:PLAY RATE:007.2K DIR:F TRK:3 TIC:1704	DTR		08839:38:004F	00-299/09:03:48	1ESd
645	299 20:07:04	31				END DDPB1431			08839:38:018F	00-299/09:03:48	1T
646	299 20:44:27	31	60 SET			10 DEGREE SET DSC-60					1V
647	299 21:34:07	31			EOT	END OF TAPE			08841:26:676F	00-299/10:30:52	1Ed
648	299 21:34:08	31			EOT	END OF TAPE			08841:26:680F	00-299/10:30:52	1Ed
649	300 00:00:00	31				VGR-31 OWLT IS 11H 03M 16S					1L
650	300 00:08:43	31	40RISE			10 DEGREE RISE DSC-40					1V
651	300 00:10:54	31			BOT	BEGIN OF TAPE			08844:42:619F	00-299/13:07:37	1Ed
652	300 00:10:54	31			BOT	BEGIN OF TAPE			08844:42:623F	00-299/13:07:37	1Ed
653	300 02:37:17	31		ACE	OPCH	>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
654	300 02:37:17	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
655	300 02:37:17	31		ACE	OPCH	>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
656	300 02:41:29	31				B- DRCRUS			08847:51:001F	00-299/15:38:11	1TB
657	300 02:41:29	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		08847:51:009F	00-299/15:38:12	1ECf
658	300 02:42:17	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	08847:52:001F	00-299/15:38:59	1ESf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
659	300 02:42:17	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		08847:52:002F	00-299/15:38:59	1ECs
660	300 02:42:17	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		08847:52:002F	00-299/15:39:00	1ECd
661	300 02:42:17	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:3469	DTR		08847:52:002F	00-299/15:39:00	1ESd
662	300 02:42:17	31			CC6AD	(3 2 0 0) SVC-W4 FDS MEM B WRT PROTECT	FDS		08847:52:003F	00-299/15:39:00	1ECf
663	300 02:42:17	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	08847:52:003F	00-299/15:39:00	1ESf
664	300 02:42:18	31				END PLAYBACK			08847:52:018F	00-299/15:39:00	1T
665	300 02:56:42	31				B- YAWDB			08848:10:001F	00-299/15:53:23	1TB
666	300 02:56:42	31				YAWDB - .10			08848:10:001F	00-299/15:53:23	1T
667	300 02:56:42	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		08848:10:004F	00-299/15:53:24	1ECa
668	300 04:10:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8475					1DP
669	300 04:10:38	31	10 SET			10 DEGREE SET DSC-10					1V
670	300 09:07:37	31	60RISE			10 DEGREE RISE DSC-60					1V
671	300 09:16:57	31	40 SET			10 DEGREE SET DSC-40					1V
672	300 12:00:00	31				VGR-31 OWLT IS 11H 03M 21S					1L
673	300 16:40:10	31	10RISE			10 DEGREE RISE DSC-10					1V
674	300 18:30:24	31				TAPPOS-0550			08867:37:001F	00-300/07:26:59	1T
675	300 18:30:24	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		08867:37:001F	00-300/07:26:59	1ECd

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
676	300 18:30:24	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3470	DTR		08867:37:001F	00-300/07:26:59	1ESd
677	300 19:30:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8476 (D/L ONLY)					1DP
678	300 20:40:32	31	60 SET			10 DEGREE SET DSC-60					1V
679	300 20:45:32	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		08870:25:740F	00-300/09:42:08	1ECd
680	300 20:45:32	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0550	DTR		08870:25:740F	00-300/09:42:08	1ESd
681	300 21:18:25	31				FWD/TRK 1			08871:07:001F	00-300/10:14:59	1T
682	300 21:18:25	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		08871:07:001F	00-300/10:14:59	1ECd
683	300 21:18:25	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0550	DTR		08871:07:001F	00-300/10:14:59	1ESd
684	300 21:18:26	31				END DAIN31			08871:07:018F	00-300/10:15:00	1T
685	300 23:30:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8476 (D/L ONLY)					1DP
686	300 23:55:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8476					1DP
687	301 00:00:00	31				VGR-31 OWLT IS 11H 03M 26S					1L
688	301 00:04:49	31	40RISE			10 DEGREE RISE DSC-40					1V
689	301 04:05:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8476					1DP
690	301 04:06:44	31	10 SET			10 DEGREE SET DSC-10					1V
691	301 09:00:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8476 (D/L ONLY)					1DP
692	301 09:03:45	31	60RISE			10 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
693	301 09:13:04	31	40 SET			10 DEGREE SET DSC-40					1V
694	301 12:00:00	31				VGR-31 OWLT IS 11H 03M 30S					1L
695	301 16:32:56	31				UPDATE CCSB PER ECR 37908			08895:10:001F	00-301/05:29:23	1T
696	301 16:32:56	31				B- MEMUPD			08895:10:001F	00-301/05:29:23	1TB
697	301 16:32:56	31				MEMUPD -			08895:10:001F	00-301/05:29:23	1T
698	301 16:32:56	31				<NO WAIT>			08895:10:001F	00-301/05:29:23	1T
699	301 16:32:56	31				B- MEMUPD			08895:10:001F	00-301/05:29:23	1TB
700	301 16:32:56	31				MEMUPD -			08895:10:001F	00-301/05:29:23	1T
701	301 16:32:56	31				<5 EVT ON 2 SEC>			08895:10:001F	00-301/05:29:23	1T
702	301 16:32:56	31				B- MEMUPD			08895:10:001F	00-301/05:29:23	1TB
703	301 16:32:56	31				MEMUPD -			08895:10:001F	00-301/05:29:23	1T
704	301 16:32:56	31				<LOAD PWRCHK WITH>			08895:10:001F	00-301/05:29:23	1T
705	301 16:32:56	31				B- MEMUPD			08895:10:001F	00-301/05:29:23	1TB
706	301 16:32:56	31				MEMUPD -			08895:10:001F	00-301/05:29:23	1T
707	301 16:32:56	31				< 5101 TABLE START>			08895:10:001F	00-301/05:29:23	1T
708	301 16:32:56	31				B- MEMUPD			08895:10:001F	00-301/05:29:23	1TB
709	301 16:32:56	31				MEMUPD -			08895:10:001F	00-301/05:29:23	1T
710	301 16:32:56	31				<LOAD BML LONG TERM WITH>			08895:10:001F	00-301/05:29:23	1T
711	301 16:32:56	31				B- MEMUPD			08895:10:001F	00-301/05:29:23	1TB
712	301 16:32:56	31				MEMUPD -			08895:10:001F	00-301/05:29:23	1T
713	301 16:32:56	31				< 5101 TABLE START>			08895:10:001F	00-301/05:29:23	1T
714	301 16:32:56	31				B- MEMUPD			08895:10:001F	00-301/05:29:23	1TB
715	301 16:32:56	31				MEMUPD -			08895:10:001F	00-301/05:29:23	1T

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT 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	301 16:32:56	31				<LOAD NEW HCLOCK>			08895:10:001F	00-301/05:29:23	1T
717	301 16:32:56	31				B- MEMUPD			08895:10:001F	00-301/05:29:23	1TB
718	301 16:32:56	31				MEMUPD -			08895:10:001F	00-301/05:29:23	1T
719	301 16:32:56	31				<NEW AB HR 2008-001-14-09-23>			08895:10:001F	00-301/05:29:23	1T
720	301 16:32:56	31				B- MEMUPD			08895:10:001F	00-301/05:29:23	1TB
721	301 16:32:56	31				MEMUPD -			08895:10:001F	00-301/05:29:23	1T
722	301 16:32:56	31				<RELOAD 5102 WITH>			08895:10:001F	00-301/05:29:23	1T
723	301 16:32:56	31				B- MEMUPD			08895:10:001F	00-301/05:29:23	1TB
724	301 16:32:56	31				MEMUPD -			08895:10:001F	00-301/05:29:23	1T
725	301 16:32:56	31				< 5 EVT ON 2 SEC CNTR>			08895:10:001F	00-301/05:29:23	1T
726	301 16:32:56	31				B- MEMUPD			08895:10:001F	00-301/05:29:23	1TB
727	301 16:32:56	31				MEMUPD -			08895:10:001F	00-301/05:29:23	1T
728	301 16:32:56	31				<5101 TABLE START>			08895:10:001F	00-301/05:29:23	1T
729	301 16:32:56	31				B- MEMUPD			08895:10:001F	00-301/05:29:23	1TB
730	301 16:32:56	31				MEMUPD -			08895:10:001F	00-301/05:29:23	1T
731	301 16:32:56	31				<EOF MARKER>			08895:10:001F	00-301/05:29:23	1T
732	301 16:32:56	31				B- MEMUPD			08895:10:001F	00-301/05:29:23	1TB
733	301 16:32:56	31				MEMUPD -			08895:10:001F	00-301/05:29:23	1T
734	301 16:32:56	31				<NO CHANGE>			08895:10:001F	00-301/05:29:23	1T
735	301 16:32:56	31				B- MEMUPD			08895:10:001F	00-301/05:29:23	1TB
736	301 16:32:56	31				MEMUPD -			08895:10:001F	00-301/05:29:23	1T
737	301 16:32:56	31				<5065 TABLE START>			08895:10:001F	00-301/05:29:23	1T
738	301 16:32:56	31				B- MEMUPD			08895:10:001F	00-301/05:29:23	1TB

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
739	301 16:32:56	31				MEMUPD -			08895:10:001F	00-301/05:29:23	1T
740	301 16:32:56	31				<CLEAR GYRO ON & EOF>			08895:10:001F	00-301/05:29:23	1T
741	301 16:32:56	31				B- MEMUPD			08895:10:001F	00-301/05:29:23	1TB
742	301 16:32:56	31				MEMUPD -			08895:10:001F	00-301/05:29:23	1T
743	301 16:32:56	31				<5065 TABLE START>			08895:10:001F	00-301/05:29:23	1T
744	301 16:32:56	31				B- MEMUPD			08895:10:001F	00-301/05:29:23	1TB
745	301 16:32:56	31				MEMUPD -			08895:10:001F	00-301/05:29:23	1T
746	301 16:32:56	31				<5065 TABLE START>			08895:10:001F	00-301/05:29:23	1T
747	301 16:32:56	31				UPDATE CCSA PER ECR 100093			08895:10:001F	00-301/05:29:23	1T
748	301 16:32:56	31				B- MEMUPD			08895:10:001F	00-301/05:29:23	1TB
749	301 16:32:56	31				MEMUPD -			08895:10:001F	00-301/05:29:23	1T
750	301 16:32:56	31				<REPLACE 2008-060 ENTRY>			08895:10:001F	00-301/05:29:23	1T
751	301 16:32:56	31				B- MEMUPD			08895:10:001F	00-301/05:29:23	1TB
752	301 16:32:56	31				MEMUPD -			08895:10:001F	00-301/05:29:23	1T
753	301 16:32:56	31				< WITH 2008-052/16:03:47>			08895:10:001F	00-301/05:29:23	1T
754	301 16:32:56	31				B- MEMUPD			08895:10:001F	00-301/05:29:23	1TB
755	301 16:32:56	31				MEMUPD -			08895:10:001F	00-301/05:29:23	1T
756	301 16:32:56	31				<ENTRY TO FIX HPOINTS>			08895:10:001F	00-301/05:29:23	1T
757	301 16:36:18	31	10RISE			10 DEGREE RISE DSC-10					1V
758	301 17:01:32	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
759	301 17:01:32	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

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
760	301 17:05:43	31				CCS R/O IN EH-1200			08895:50:784F	00-301/06:02:10	1T
761	301 17:05:43	31				B- PASS.2			08895:50:784F	00-301/06:02:10	1TB
762	301 17:05:44	31				B- MISCMD			08895:51:001F	00-301/06:02:11	1TB
763	301 17:05:44	31				MISCMD -			08895:51:001F	00-301/06:02:11	1T
764	301 17:05:44	31			SC06BB	(16 0 14 0) FDS MODE TO: EH-12 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : MOD CRUISE AACS READOUT MODE : TELEMETRY	FDS		08895:51:009F	00-301/06:02:12	1ECf
765	301 17:06:32	31				B- MISCMD			08895:52:001F	00-301/06:02:59	1TB
766	301 17:06:32	31				MISCMD -			08895:52:001F	00-301/06:02:59	1T
767	301 17:06:32	31		ACE OPCH		FDS STATUS EH-12/X1.2K/S(N/A) MEM:PA/FDS11	FDS	MC-12	08895:52:001F	00-301/06:02:59	1ESf
768	301 17:06:32	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		08895:52:002F	00-301/06:02:59	1ECs
769	301 17:15:56	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
770	301 17:19:08	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
771	301 17:19:08	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
772	301 17:20:08	31				B- MISCMD			08896:09:001F	00-301/06:16:35	1TB
773	301 17:20:08	31				MISCMD -			08896:09:001F	00-301/06:16:35	1T
774	301 17:20:08	31				B- MISCMD			08896:09:001F	00-301/06:16:35	1TB

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
775	301 17:20:08	31				MISCMD -			08896:09:001F	00-301/06:16:35	1T
776	301 17:20:08	31			SC06PV	(8004) FDS TREE SWITCH ID CCS MEMORY READ OUT	FDS		08896:09:009F	00-301/06:16:36	1ECf
777	301 17:20:09	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		08896:09:019F	00-301/06:16:37	1ECf
778	301 17:20:55	31				PROC A R/O			08896:09:784F	00-301/06:17:22	1T
779	301 17:20:56	31				B- DRIBBLE			08896:10:001F	00-301/06:17:23	1TB
780	301 17:20:56	31				BEGIN CCS DRIBBLE R/O			08896:10:001F	00-301/06:17:23	1T
781	301 17:20:56	31		ACE OPCH		FDS STATUS EH-12/X1.2K/S(N/A) MEM:PA/FDS11	FDS	CCS R/O	08896:10:001F	00-301/06:17:23	1ESF
782	301 17:21:06	31				B- DRIBBLE			08896:10:168F	00-301/06:17:33	1TB
783	301 17:21:06	31				BEGIN CCS DRIBBLE R/O			08896:10:168F	00-301/06:17:33	1T
784	301 17:21:43	31				B- PASS.2			08896:10:784F	00-301/06:18:10	1TB
785	301 17:21:44	31				B- MISCMD			08896:11:001F	00-301/06:18:11	1TB
786	301 17:21:44	31				MISCMD -			08896:11:001F	00-301/06:18:11	1T
787	301 17:21:44	31			SC06PV	(8005) FDS TREE SWITCH ID CCS MEMORY READ OUT	FDS		08896:11:009F	00-301/06:18:12	1ECf
788	301 17:22:31	31				PROC B R/O			08896:11:784F	00-301/06:18:58	1T
789	301 17:22:32	31				B- DRIBBLE			08896:12:001F	00-301/06:18:59	1TB
790	301 17:22:32	31				BEGIN CCS DRIBBLE R/O			08896:12:001F	00-301/06:18:59	1T
791	301 17:22:42	31				B- DRIBBLE			08896:12:168F	00-301/06:19:09	1TB
792	301 17:22:42	31				BEGIN CCS DRIBBLE R/O			08896:12:168F	00-301/06:19:09	1T

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
793	301 17:22:52	31				B- DRIBBLE			08896:12:334F	00-301/06:19:19	1TB
794	301 17:22:52	31				BEGIN CCS DRIBBLE R/O			08896:12:334F	00-301/06:19:19	1T
795	301 17:23:02	31				B- DRIBBLE			08896:12:501F	00-301/06:19:29	1TB
796	301 17:23:02	31				BEGIN CCS DRIBBLE R/O			08896:12:501F	00-301/06:19:29	1T
797	301 17:23:12	31				B- DRIBBLE			08896:12:668F	00-301/06:19:39	1TB
798	301 17:23:12	31				BEGIN CCS DRIBBLE R/O			08896:12:668F	00-301/06:19:39	1T
799	301 17:23:22	31				B- DRIBBLE			08896:13:034F	00-301/06:19:49	1TB
800	301 17:23:22	31				BEGIN CCS DRIBBLE R/O			08896:13:034F	00-301/06:19:49	1T
801	301 17:23:32	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		08896:13:210F	00-301/06:20:00	1ECf
802	301 17:24:08	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	08896:14:001F	00-301/06:20:35	1ESf
803	301 17:24:08	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		08896:14:002F	00-301/06:20:35	1ECs
804	301 17:28:56	31				B- DRCRUS			08896:20:001F	00-301/06:25:23	1TB
805	301 19:16:09	31				B- GYONBC.31			08898:34:001F	00-301/08:12:35	1TB
806	301 19:16:09	31				BEGIN GYONBC31			08898:34:001F	00-301/08:12:35	1T
807	301 19:16:09	31			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		08898:34:003F	00-301/08:12:36	1ECa
808	301 19:16:09	31			CC7GARP	GYRO A OFF	PWR		08898:34:004F	00-301/08:12:36	1ECp

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
809	301 19:16:09	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: OFF	AACS		08898:34:004F	00-301/08:12:36	1ESa
810	301 19:16:09	31			CC7GARP	GYRO A OFF	PWR		08898:34:006F	00-301/08:12:36	1ECp
811	301 19:16:09	31			CC7PC	(352) GYRO A OFF	AACS		08898:34:008F	00-301/08:12:36	1ECa
812	301 19:16:09	31			CC7GCP	GYRO C ON	PWR		08898:34:009F	00-301/08:12:36	1ECp
813	301 19:16:09	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: ON	AACS		08898:34:009F	00-301/08:12:36	1ESa
814	301 19:16:10	31			CC7GCP	GYRO C ON	PWR		08898:34:011F	00-301/08:12:36	1ECp
815	301 19:16:10	31			CC7PC	(373) GYRO C ON	AACS		08898:34:013F	00-301/08:12:36	1ECa
816	301 19:16:10	31			CC7GBP	GYRO B ON	PWR		08898:34:013F	00-301/08:12:36	1ECp
817	301 19:16:10	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		08898:34:013F	00-301/08:12:36	1ESa
818	301 19:16:10	31			CC7GBP	GYRO B ON	PWR		08898:34:015F	00-301/08:12:36	1ECp
819	301 19:16:10	31			CC7PC	(363) GYRO B ON	AACS		08898:34:018F	00-301/08:12:36	1ECa
820	301 19:16:38	31				DRIRU INITIALIZATION			08898:34:484F	00-301/08:13:04	1T
821	301 19:16:39	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		08898:34:502F	00-301/08:13:06	1ECa
822	301 19:17:08	31				SET CALIB			08898:35:184F	00-301/08:13:34	1T
823	301 19:17:09	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		08898:35:204F	00-301/08:13:36	1ECa
824	301 19:26:08	31				START GYRO FAULT TEST			08898:46:384F	00-301/08:22:34	1T

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
825	301 19:26:09	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		08898:46:402F	00-301/08:22:36	1ECa
826	301 19:26:10	31				END GYONBC31			08898:46:418F	00-301/08:22:36	1T
827	301 20:16:09	31				B- CCSTIMB			08899:49:001F	00-301/09:12:35	1TB
828	301 20:16:09	31				EXECUTE CCSTIMB FINE			08899:49:001F	00-301/09:12:35	1T
829	301 20:35:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8476					1DP
830	301 20:36:38	31	60 SET			10 DEGREE SET DSC-60					1V
831	301 21:30:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8477 (D/L ONLY)					1DP
832	302 00:00:00	31				VGR-31 OWLT IS 11H 03M 35S					1L
833	302 00:00:54	31	40RISE			10 DEGREE RISE DSC-40					1V
834	302 02:42:36	31			AC7SSB	(4 +151) SS BIAS CONTROL --- YAW	AACS		08907:52:003F	00-301/15:39:00	1ECa
835	302 03:15:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8477					1DP
836	302 04:02:49	31	10 SET			10 DEGREE SET DSC-10					1V
837	302 08:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8477 (D/L ONLY)					1DP
838	302 08:59:52	31	60RISE			10 DEGREE RISE DSC-60					1V
839	302 09:09:12	31	40 SET			10 DEGREE SET DSC-40					1V
840	302 12:00:00	31				VGR-31 OWLT IS 11H 03M 39S					1L
841	302 12:50:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8477					1DP
842	302 16:32:25	31	10RISE			10 DEGREE RISE DSC-10					1V
843	302 17:25:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8478 (D/L ONLY)					1DP
844	302 19:20:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8478 (D/L ONLY)					1DP
845	302 19:40:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8478					1DP
846	302 20:32:43	31	60 SET			10 DEGREE SET DSC-60					1V
847	302 23:45:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8478					1DP

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
848	302 23:57:00	31	40RISE			10 DEGREE RISE DSC-40					1V
849	303 00:00:00	31				VGR-31 OWLT IS 11H 03M 44S					1L
850	303 03:58:55	31	10 SET			10 DEGREE SET DSC-10					1V
851	303 08:56:00	31	60RISE			10 DEGREE RISE DSC-60					1V
852	303 09:05:20	31	40 SET			10 DEGREE SET DSC-40					1V
853	303 09:40:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8478 (D/L ONLY)					1DP
854	303 12:00:00	31				VGR-31 OWLT IS 11H 03M 48S					1L
855	303 12:30:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8478					1DP
856	303 15:30:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8478 (D/L ONLY)					1DP
857	303 16:28:33	31	10RISE			10 DEGREE RISE DSC-10					1V
858	303 18:45:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-8478					1DP
859	303 19:45:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8479 (D/L ONLY)					1DP
860	303 20:28:49	31	60 SET			10 DEGREE SET DSC-60					1V
861	303 23:53:06	31	40RISE			10 DEGREE RISE DSC-40					1V
862	304 00:00:00	31				VGR-31 OWLT IS 11H 03M 53S					1L
863	304 02:55:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8479					1DP
864	304 03:55:01	31	10 SET			10 DEGREE SET DSC-10					1V
865	304 08:52:08	31	60RISE			10 DEGREE RISE DSC-60					1V
866	304 09:01:27	31	40 SET			10 DEGREE SET DSC-40					1V
867	304 12:00:00	31				VGR-31 OWLT IS 11H 03M 57S					1L
868	304 16:24:40	31	10RISE			10 DEGREE RISE DSC-10					1V
869	304 16:55:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8479 (D/L ONLY)					1DP
870	304 18:40:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-8479					1DP

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
871	304 20:24:55	31	60	SET		10 DEGREE SET DSC-60					1V
872	304 22:50:00	31	24	AO	OPCH ACE	AOS DSS-24 PASS-8480 (D/L ONLY)					1DP
873	304 23:49:11	31	40	RISE		10 DEGREE RISE DSC-40					1V
874	305 00:00:00	31				VGR-31 OWLT IS 11H 04M 01S					1L
875	305 02:50:00	31	24	LO	OPCH ACE	LOS DSS-24 PASS-8480					1DP
876	305 03:51:07	31	10	SET		10 DEGREE SET DSC-10					1V
877	305 08:48:16	31	60	RISE		10 DEGREE RISE DSC-60					1V
878	305 08:57:35	31	40	SET		10 DEGREE SET DSC-40					1V
879	305 12:00:00	31				VGR-31 OWLT IS 11H 04M 06S					1L
880	305 16:20:48	31	10	RISE		10 DEGREE RISE DSC-10					1V
881	305 17:00:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-8480 (D/L ONLY)					1DP
882	305 17:05:00	31	63		OPCH 63	== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
883	305 17:05:00	31	63		OPCH 63	== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
884	305 17:06:00	31	63		OPCH 63	== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
885	305 17:07:00	31	63		OPCH 63	== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
886	305 17:32:00	31	63	OPCH 63		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
887	305 19:55:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8481 (D/L ONLY)					1DP
888	305 20:01:45	31	15	TRK DSS		ASCAL PREP ===== ANTENNA DRIVE TO PRECISION ONE (70 METER STATION ONLY) PRIME DATA SOURCE=X BAND AGC ===== TURN CONSCAN -----> OFF (IF ON)					1TD
889	305 20:12:33	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
890	305 20:12:33	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
891	305 20:15:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8480					1DP
892	305 20:16:45	31				B- ASCAL			09019:49:001F	00-305/09:12:35	1TB
893	305 20:16:45	31				B- DREL40			09019:49:001F	00-305/09:12:35	1TB
894	305 20:16:45	31			SC06BB	(32 0 07 0) FDS MODE TO: EL-40 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		09019:49:009F	00-305/09:12:36	1ECf
895	305 20:16:45	31	15	OPCH 15		START ASCAL ===== DSS-15: MONITOR X-BD AGC VARIATIONS DURING ASCAL IF X-BD RCVR DROPS LOCK INITIATE AUTO ACQUIRE					1TD

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
896	305 20:17:33	31		ACE OPCH		FDS STATUS EL-40/X40/S40 MEM:PA/FDS11	FDS	CE-40	09019:50:001F	00-305/09:13:23	1ESf
897	305 20:17:33	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		09019:50:002F	00-305/09:13:23	1ECs
898	305 20:21:01	31	60	SET		10 DEGREE SET DSC-60					1V
899	305 20:32:45	31				.05 ALL AXES DEADBAND			09020:09:001F	00-305/09:28:35	1T
900	305 20:32:45	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		09020:09:003F	00-305/09:28:36	1ECa
901	305 20:48:45	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		09020:29:002F	00-305/09:44:36	1ECa
902	305 20:48:45	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		09020:29:002F	00-305/09:44:36	1ESa
903	305 20:48:45	31			CC7GARP	GYRO A OFF	PWR		09020:29:003F	00-305/09:44:36	1ECp
904	305 20:48:45	31			CC7GARP	GYRO A OFF	PWR		09020:29:005F	00-305/09:44:36	1ECp
905	305 20:48:45	31			CC7PC	(352) GYRO A OFF	AACS		09020:29:007F	00-305/09:44:36	1ECa
906	305 20:48:45	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		09020:29:007F	00-305/09:44:36	1ECp
907	305 20:48:45	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		09020:29:010F	00-305/09:44:36	1ECp
908	305 20:48:46	31			CC7PC	(312) DUMMY PWR CMD	AACS		09020:29:012F	00-305/09:44:36	1ECa
909	305 20:49:32	31	15	OPCH 15		ASCAL =====					1TD
910	305 20:49:33	31				START FIRST YAW DRIFT TURN			09020:30:001F	00-305/09:45:23	1T

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
911	305 20:49:33	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		09020:30:004F	00-305/09:45:24	1ECa
912	305 20:53:33	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		09020:35:003F	00-305/09:49:24	1ECa
913	305 21:01:33	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		09020:45:003F	00-305/09:57:24	1ECa
914	305 21:05:33	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		09020:50:004F	00-305/10:01:24	1ECa
915	305 21:05:33	31	15	OPCH 15		ASCAL =====					1TD
						END YAW DRIFT TURNS					
916	305 21:05:34	31				END THIRD YAW DRIFT TURN			09020:50:018F	00-305/10:01:24	1T
917	305 21:06:20	31	15	OPCH 15		ASCAL =====					1TD
						START PITCH DRIFT TURNS					
918	305 21:06:21	31				START FIRST PITCH DRIFT TURN			09020:51:001F	00-305/10:02:11	1T
919	305 21:06:21	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		09020:51:003F	00-305/10:02:12	1ECa
920	305 21:10:21	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		09020:56:004F	00-305/10:06:12	1ECa
921	305 21:18:21	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		09021:06:004F	00-305/10:14:12	1ECa
922	305 21:22:21	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		09021:11:003F	00-305/10:18:12	1ECa
923	305 21:22:21	31	15	OPCH 15		ASCAL =====					1TD
						END PITCH DRIFT TURNS					
924	305 21:22:22	31				END THIRD PITCH DRIFT TURN			09021:11:018F	00-305/10:18:12	1T
925	305 21:23:57	31			CC7SS	(1) SS SEARCH ENABLE	AACS		09021:13:001F	00-305/10:19:47	1ECa

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
926	305 21:23:57	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		09021:13:001F	00-305/10:19:47	1ESa
927	305 21:23:57	31			CC7PC	(327) IDET ACQUIRED	AACS		09021:13:002F	00-305/10:19:48	1ECa
928	305 21:23:57	31			CC7GARP	GYRO A OFF	PWR		09021:13:003F	00-305/10:19:48	1ECp
929	305 21:23:57	31			CC7GARP	GYRO A OFF	PWR		09021:13:005F	00-305/10:19:48	1ECp
930	305 21:23:57	31			CC7PC	(352) GYRO A OFF	AACS		09021:13:007F	00-305/10:19:48	1ECa
931	305 21:23:57	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		09021:13:008F	00-305/10:19:48	1ECp
932	305 21:23:57	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		09021:13:010F	00-305/10:19:48	1ECp
933	305 21:23:58	31			CC7PC	(312) DUMMY PWR CMD	AACS		09021:13:012F	00-305/10:19:48	1ECa
934	305 21:24:33	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
935	305 21:24:33	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
936	305 21:25:33	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		09021:15:001F	00-305/10:21:23	1ECa
937	305 21:26:38	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		09021:16:285F	00-305/10:22:28	1ESa
938	305 21:26:38	31			CC7PC	(307) STAR ACQUIRED	AACS		09021:16:285F	00-305/10:22:28	1ECa
939	305 21:26:38	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		09021:16:286F	00-305/10:22:29	1ECp
940	305 21:26:38	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		09021:16:288F	00-305/10:22:29	1ECp
941	305 21:26:38	31			CC7PC	(312) DUMMY PWR CMD	AACS		09021:16:290F	00-305/10:22:29	1ECa

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
942	305 21:28:45	31				B- DRCRUS			09021:19:001F	00-305/10:24:35	1TB
943	305 21:28:45	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACCS READOUT MODE : TELEMETRY	FDS		09021:19:009F	00-305/10:24:36	1ECf
944	305 21:29:33	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09021:20:001F	00-305/10:25:23	1ESf
945	305 21:29:33	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		09021:20:002F	00-305/10:25:23	1ECs
946	305 21:35:09	31				B- YAWDB			09021:27:001F	00-305/10:30:59	1TB
947	305 21:35:09	31				YAWDB - .10			09021:27:001F	00-305/10:30:59	1T
948	305 21:35:09	31				B- ROLLDB			09021:27:001F	00-305/10:30:59	1TB
949	305 21:35:09	31				ROLLDB - .25			09021:27:001F	00-305/10:30:59	1T
950	305 21:35:09	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		09021:27:003F	00-305/10:31:00	1ECa
951	305 21:35:09	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		09021:27:005F	00-305/10:31:00	1ECa
952	305 21:35:10	31	15	OPCH	15	END ASCAL					1TD
953	305 21:36:45	31				RESTART GYRO FAULT TEST			09021:29:001F	00-305/10:32:35	1T
954	305 21:36:45	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		09021:29:002F	00-305/10:32:35	1ECa
955	305 23:45:17	31	40RISE			10 DEGREE RISE DSC-40					1V
956	306 00:00:00	31				VGR-31 OWLT IS 11H 04M 10S					1L
957	306 02:53:23	31		ACE	OPCH	>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
958	306 02:53:23	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
959	306 02:54:11	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
960	306 02:54:11	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
961	306 02:56:47	31				BEGIN PWSREC.31			09028:09:001F	00-305/15:52:35	1T
962	306 02:56:47	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09028:09:010F	00-305/15:52:36	1ECF
963	306 02:57:35	31				B- DRGS4B			09028:10:001F	00-305/15:53:23	1TB
964	306 02:57:35	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		09028:10:009F	00-305/15:53:24	1ECF
965	306 02:58:19	31				BEGIN RECORDING PWS DATA			09028:10:734F	00-305/15:54:07	1T
966	306 02:58:19	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09028:10:735F	00-305/15:54:08	1ECd
967	306 02:58:19	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:0550	DTR		09028:10:735F	00-305/15:54:08	1ESd
968	306 02:58:23	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09028:11:001F	00-305/15:54:11	1ESF

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
969	306 02:58:23	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		09028:11:002F	00-305/15:54:12	1ECs
970	306 02:58:24	31				B- DRCRUS			09028:11:018F	00-305/15:54:12	1TB
971	306 02:58:24	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		09028:11:026F	00-305/15:54:13	1ECF
972	306 02:59:11	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09028:12:001F	00-305/15:54:59	1ESF
973	306 02:59:11	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		09028:12:002F	00-305/15:54:59	1ECs
974	306 02:59:11	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09028:12:002F	00-305/15:55:00	1ECd
975	306 02:59:11	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0843	DTR		09028:12:002F	00-305/15:55:00	1ESd
976	306 02:59:59	31			SC32AJ	(11) PLS CONFIG CMD END PWSREC.31	FDS		09028:13:009F	00-305/15:55:48	1ECf
977	306 03:00:00	31				LOS DSS-15 PASS-8481			09028:13:018F	00-305/15:55:48	1T
978	306 03:15:00	31	15 LO	OPCH	ACE	10 DEGREE SET DSC-10					1DP
979	306 03:47:13	31	10 SET								1V
980	306 05:46:24	31			AC7SSB	(4 +152) SS BIAS CONTROL --- YAW	AACS		09031:41:003F	00-305/18:42:12	1ECa
981	306 08:44:23	31	60RISE			10 DEGREE RISE DSC-60					1V
982	306 08:50:00	31	63 AO	OPCH	ACE	AOS DSS-63 PASS-8481 (U/L PASS)					1DP

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
983	306 08:53:43	31	40	SET		10 DEGREE SET DSC-40					1V
984	306 09:00:37	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
985	306 09:00:37	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=36 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
986	306 09:04:49	31				B- DRUV5A			09035:49:001F	00-305/22:00:35	1TB
987	306 09:04:49	31			SC06BB	(50 0 07 0) FDS MODE TO: UV-5A PLS INTEGRATION MODE: 0.96 SEC PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		09035:49:009F	00-305/22:00:36	1ECf
988	306 09:05:37	31		ACE OPCH		FDS STATUS UV-5A/X600/S10 MEM:PA/FDS11	FDS	UV-5A	09035:50:001F	00-305/22:01:23	1ESf
989	306 09:05:37	31			CC3A	(36310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=36 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09035:50:002F	00-305/22:01:23	1ECs
990	306 12:00:00	31				VGR-31 OWLT IS 11H 04M 14S					1L
991	306 15:00:39	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
992	306 15:00:39	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
993	306 15:04:51	31				B- DRCR5T			09043:19:001F	00-306/04:00:35	1TB
994	306 15:04:51	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		09043:19:009F	00-306/04:00:36	1ECf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
995	306 15:05:39	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09043:20:001F	00-306/04:01:23	1ESf
996	306 15:05:39	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		09043:20:002F	00-306/04:01:23	1ECs
997	306 15:09:40	31				B- RFSTLC			09043:25:001F	00-306/04:05:23	1TB
998	306 15:40:28	31	63	OPCH 63		== START TLC TEST DOWN-LINK ==					1TD
999	306 16:16:56	31	10RISE			10 DEGREE RISE DSC-10					1V
1000	306 16:41:28	31	63	OPCH 63		== END TLC TEST DOWN-LINK ==					1TD
1001	306 16:50:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8481					1DP
1002	306 17:15:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8482 (U/L PASS)					1DP
1003	306 17:35:16	31				B- DAIN.31			09046:27:001F	00-306/06:30:59	1TB
1004	306 17:35:16	31				BEGIN DAIN31			09046:27:001F	00-306/06:30:59	1T
1005	306 20:17:06	31	60 SET			10 DEGREE SET DSC-60					1V
1006	306 22:04:54	31				B- UVSLEW			09052:04:001F	00-306/11:00:35	1TB
1007	306 22:04:54	31				SLEW TO The Hya			09052:04:001F	00-306/11:00:35	1T
1008	306 22:04:54	31				B- PLATPOB			09052:04:001F	00-306/11:00:35	1TB
1009	306 22:04:54	31			AC7SPK	(2 12 1 046 197) AZ SLEW R=LOW	AACS		09052:04:003F	00-306/11:00:36	1ECa
1010	306 22:04:54	31			AC7SPK	(1 12 1 148 088) EL SLEW R=LOW	AACS		09052:04:005F	00-306/11:00:36	1ECa
1011	306 22:21:33	31				B- SLEND			09052:24:651F	00-306/11:17:14	1TB
1012	306 22:21:33	31			SLEWEND	AZ=49.692 EL=61.250 CO=65.294			09052:24:651F	00-306/11:17:14	1T

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1013	306 23:41:23	31	40RISE			10 DEGREE RISE DSC-40					1V
1014	307 00:00:00	31				VGR-31 OWLT IS 11H 04M 19S					1L
1015	307 02:25:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8482					1DP
1016	307 03:43:19	31	10 SET			10 DEGREE SET DSC-10					1V
1017	307 08:40:31	31	60RISE			10 DEGREE RISE DSC-60					1V
1018	307 08:49:51	31	40 SET			10 DEGREE SET DSC-40					1V
1019	307 10:05:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8482 (D/L ONLY)					1DP
1020	307 12:00:00	31				VGR-31 OWLT IS 11H 04M 23S					1L
1021	307 16:13:03	31	10RISE			10 DEGREE RISE DSC-10					1V
1022	307 18:30:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-8482					1DP
1023	307 20:13:12	31	60 SET			10 DEGREE SET DSC-60					1V
1024	307 22:50:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8483 (D/L ONLY)					1DP
1025	307 23:37:29	31	40RISE			10 DEGREE RISE DSC-40					1V
1026	308 00:00:00	31				VGR-31 OWLT IS 11H 04M 27S					1L
1027	308 01:00:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8483					1DP
1028	308 03:39:25	31	10 SET			10 DEGREE SET DSC-10					1V
1029	308 08:35:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8483 (U/L PASS)					1DP
1030	308 08:36:39	31	60RISE			10 DEGREE RISE DSC-60					1V
1031	308 08:45:59	31	40 SET			10 DEGREE SET DSC-40					1V
1032	308 12:00:00	31				VGR-31 OWLT IS 11H 04M 31S					1L
1033	308 13:15:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8483					1DP
1034	308 16:09:11	31	10RISE			10 DEGREE RISE DSC-10					1V
1035	308 20:00:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8484 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1036	308 20:09:18	31	60	SET		10 DEGREE SET DSC-60					1V
1037	308 20:13:46	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1038	308 20:13:46	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
1039	308 20:17:10	31				B- MAGROLBC.31			09109:49:001F	00-308/09:12:35	1TB
1040	308 20:17:10	31				BEGIN MAGROLBC31			09109:49:001F	00-308/09:12:35	1T
1041	308 20:17:10	31				B- YAW10			09109:49:001F	00-308/09:12:35	1TB
1042	308 20:17:10	31				YAW10			09109:49:001F	00-308/09:12:35	1T
1043	308 20:17:10	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		09109:49:004F	00-308/09:12:36	1ECa
1044	308 20:17:59	31				B- DR5T			09109:50:018F	00-308/09:13:24	1TB
1045	308 20:17:59	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		09109:50:026F	00-308/09:13:25	1ECf
1046	308 20:18:46	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09109:51:001F	00-308/09:14:11	1ESf
1047	308 20:18:46	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		09109:51:002F	00-308/09:14:11	1ECs
1048	308 20:25:11	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR COMMANDED TURN D/L AGC VARIATIONS EXPECTED					11EC
1049	308 20:27:11	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		09110:01:419F	00-308/09:22:37	1ECa

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1050	308 20:27:11	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		09110:01:419F	00-308/09:22:37	1ESa
1051	308 20:27:11	31			CC7GARP	GYRO A OFF	PWR		09110:01:420F	00-308/09:22:37	1ECp
1052	308 20:27:11	31			CC7GARP	GYRO A OFF	PWR		09110:01:422F	00-308/09:22:37	1ECp
1053	308 20:27:11	31			CC7PC	(352) GYRO A OFF	AACS		09110:01:424F	00-308/09:22:37	1ECa
1054	308 20:27:11	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		09110:01:425F	00-308/09:22:37	1ECp
1055	308 20:27:11	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		09110:01:427F	00-308/09:22:37	1ECp
1056	308 20:27:12	31			CC7PC	(312) DUMMY PWR CMD	AACS		09110:01:429F	00-308/09:22:37	1ECa
1057	308 20:30:11	31			AC7TCD	(322 033478) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		09110:05:220F	00-308/09:25:37	1ECa
1058	308 23:33:35	31	40RISE			10 DEGREE RISE DSC-40					1V
1059	309 00:00:00	31				VGR-31 OWLT IS 11H 04M 36S					1L
1060	309 00:58:25	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09115:40:426F	00-308/13:53:49	1ECf
1061	309 01:31:56	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09116:22:342F	00-308/14:27:20	1ECf
1062	309 02:05:28	31				ROLL TURN COMPLETE (NOMINAL)			09117:04:268F	00-308/15:00:51	1T
1063	309 02:07:00	31			CC7PC	(345) CMDED TURN COMPLETE	AACS		09117:06:200F	00-308/15:02:23	1ECa
1064	309 02:09:13	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09117:09:026F	00-308/15:04:37	1ECf
1065	309 02:18:13	31				RESET CALIB			09117:20:218F	00-308/15:13:36	1T
1066	309 02:18:13	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		09117:20:220F	00-308/15:13:37	1ECa
1067	309 02:18:43	31			CC7SS	(1) SS SEARCH ENABLE	AACS		09117:20:719F	00-308/15:14:07	1ECa

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1068	309 02:18:43	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		09117:20:719F	00-308/15:14:07	1ESa
1069	309 02:18:43	31			CC7PC	(327) IDET ACQUIRED	AACS		09117:20:719F	00-308/15:14:07	1ECa
1070	309 02:18:43	31			CC7GARP	GYRO A OFF	PWR		09117:20:720F	00-308/15:14:07	1ECp
1071	309 02:18:43	31			CC7GARP	GYRO A OFF	PWR		09117:20:722F	00-308/15:14:07	1ECp
1072	309 02:18:43	31			CC7PC	(352) GYRO A OFF	AACS		09117:20:724F	00-308/15:14:07	1ECa
1073	309 02:18:43	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		09117:20:725F	00-308/15:14:07	1ECp
1074	309 02:18:43	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		09117:20:727F	00-308/15:14:07	1ECp
1075	309 02:18:44	31			CC7PC	(312) DUMMY PWR CMD	AACS		09117:20:729F	00-308/15:14:07	1ECa
1076	309 02:24:43	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		09117:28:319F	00-308/15:20:07	1ECa
1077	309 02:25:48	31				GYROS OFF			09117:29:601F	00-308/15:21:11	1T
1078	309 02:25:48	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		09117:29:602F	00-308/15:21:12	1ESa
1079	309 02:25:48	31			CC7PC	(307) STAR ACQUIRED	AACS		09117:29:602F	00-308/15:21:12	1ECa
1080	309 02:25:48	31			CC7GCRP	GYRO C OFF	PWR		09117:29:603F	00-308/15:21:12	1ECp
1081	309 02:25:48	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF	AACS		09117:29:603F	00-308/15:21:12	1ESa
1082	309 02:25:48	31			CC7GCRP	GYRO C OFF	PWR		09117:29:605F	00-308/15:21:12	1ECp
1083	309 02:25:48	31			CC7PC	(372) GYRO C OFF	AACS		09117:29:607F	00-308/15:21:12	1ECa

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1084	309 02:25:48	31			CC7GBRP	GYRO B OFF	PWR		09117:29:608F	00-308/15:21:12	1ECp
1085	309 02:25:48	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: OFF	AACS	09117:29:608F	00-308/15:21:12	1ESa	
1086	309 02:25:48	31			CC7GBRP	GYRO B OFF	PWR		09117:29:610F	00-308/15:21:12	1ECp
1087	309 02:25:49	31			CC7PC	(362) GYRO B OFF	AACS		09117:29:612F	00-308/15:21:12	1ECa
1088	309 02:25:49	31			CC7GARP	GYRO A OFF	PWR		09117:29:613F	00-308/15:21:12	1ECp
1089	309 02:25:49	31			CC7GARP	GYRO A OFF	PWR		09117:29:615F	00-308/15:21:12	1ECp
1090	309 02:25:49	31			CC7PC	(352) GYRO A OFF	AACS		09117:29:617F	00-308/15:21:12	1ECa
1091	309 02:25:49	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		09117:29:617F	00-308/15:21:12	1ECp
1092	309 02:25:49	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		09117:29:619F	00-308/15:21:13	1ECp
1093	309 02:25:49	31			CC7PC	(312) DUMMY PWR CMD	AACS		09117:29:622F	00-308/15:21:13	1ECa
1094	309 02:33:00	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1095	309 02:33:00	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
1096	309 02:34:13	31				B- YAWDB			09117:40:218F	00-308/15:29:36	1TB
1097	309 02:34:13	31				YAWDB - .10			09117:40:218F	00-308/15:29:36	1T
1098	309 02:34:13	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		09117:40:221F	00-308/15:29:37	1ECa
1099	309 02:37:13	31				B- DRCSR			09117:44:018F	00-308/15:32:36	1TB
1100	309 02:37:13	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		09117:44:026F	00-308/15:32:37	1ECf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1101	309 02:38:00	31		ACE OPCH			FDS	CR-5T	09117:45:001F	00-308/15:33:23	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
1102	309 02:38:00	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		09117:45:002F	00-308/15:33:23	1ECs
1103	309 02:38:01	31				END MAGROLBC31			09117:45:018F	00-308/15:33:24	1T
1104	309 02:38:01	31				END GAIN31			09117:45:018F	00-308/15:33:24	1T
1105	309 03:35:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8484					1DP
1106	309 03:35:31	31	10 SET			10 DEGREE SET DSC-10					1V
1107	309 08:30:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8484 (D/L ONLY)					1DP
1108	309 08:32:47	31	60RISE			10 DEGREE RISE DSC-60					1V
1109	309 08:42:06	31	40 SET			10 DEGREE SET DSC-40					1V
1110	309 12:00:00	31				VGR-31 OWLT IS 11H 04M 40S					1L
1111	309 13:01:04	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1112	309 13:01:04	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=36 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1113	309 13:05:16	31				B- DRUV5A			09130:49:001F	00-309/02:00:35	1TB
1114	309 13:05:16	31			SC06BB	(50 0 07 0) FDS MODE TO: UV-5A PLS INTEGRATION MODE: 0.96 SEC PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		09130:49:009F	00-309/02:00:36	1ECf

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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
1115	309 13:06:04	31		ACE OPCH		FDS STATUS UV-5A/X600/S10 MEM:PA/FDS11	FDS	UV-5A	09130:50:001F	00-309/02:01:23	1ESf
1116	309 13:06:04	31			CC3A	(36310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=36 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09130:50:002F	00-309/02:01:23	1ECs
1117	309 16:05:19	31	10RISE			10 DEGREE RISE DSC-10					1V
1118	309 19:01:06	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1119	309 19:01:06	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
1120	309 19:05:18	31				B- DRCR5T			09138:19:001F	00-309/08:00:35	1TB
1121	309 19:05:18	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		09138:19:009F	00-309/08:00:36	1ECf
1122	309 19:06:06	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09138:20:001F	00-309/08:01:23	1ESf
1123	309 19:06:06	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		09138:20:002F	00-309/08:01:23	1ECs
1124	309 19:45:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8485 (D/L ONLY)					1DP
1125	309 20:05:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8484					1DP
1126	309 20:05:24	31	60 SET			10 DEGREE SET DSC-60					1V

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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
1127	309 23:29:41	31	40RISE			10 DEGREE RISE DSC-40					1V
1128	310 00:00:00	31				VGR-31 OWLT IS 11H 04M 44S					1L
1129	310 02:45:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8485					1DP
1130	310 03:31:37	31	10 SET			10 DEGREE SET DSC-10					1V
1131	310 08:25:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8485 (D/L ONLY)					1DP
1132	310 08:28:55	31	60RISE			10 DEGREE RISE DSC-60					1V
1133	310 08:38:14	31	40 SET			10 DEGREE SET DSC-40					1V
1134	310 08:50:11	31			AC7SSB	(4 +153) SS BIAS CONTROL --- YAW	AACS		09155:30:003F	00-309/21:45:24	1ECa
1135	310 12:00:00	31				VGR-31 OWLT IS 11H 04M 48S					1L
1136	310 12:50:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8485 (D/L ONLY)					1DP
1137	310 13:10:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8485					1DP
1138	310 15:22:13	31			AC7SSB	(3 +016) SS BIAS CONTROL - PITCH	AACS		09163:40:002F	00-310/04:17:24	1ECa
1139	310 16:01:26	31	10RISE			10 DEGREE RISE DSC-10					1V
1140	310 17:20:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-8485					1DP
1141	310 20:01:30	31	60 SET			10 DEGREE SET DSC-60					1V
1142	310 20:20:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8486 (D/L ONLY)					1DP
1143	310 23:25:47	31	40RISE			10 DEGREE RISE DSC-40					1V
1144	311 00:00:00	31				VGR-31 OWLT IS 11H 04M 52S					1L
1145	311 01:45:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8486					1DP
1146	311 03:27:43	31	10 SET			10 DEGREE SET DSC-10					1V
1147	311 08:25:03	31	60RISE			10 DEGREE RISE DSC-60					1V
1148	311 08:34:22	31	40 SET			10 DEGREE SET DSC-40					1V
1149	311 08:40:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8486 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1150	311 12:00:00	31				VGR-31 OWLT IS 11H 04M 56S					1L
1151	311 12:25:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8486					1DP
1152	311 15:57:34	31	10RISE			10 DEGREE RISE DSC-10					1V
1153	311 16:55:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8487 (D/L ONLY)					1DP
1154	311 19:57:36	31	60 SET			10 DEGREE SET DSC-60					1V
1155	311 20:05:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8487					1DP
1156	311 22:45:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8487 (D/L ONLY)					1DP
1157	311 23:21:53	31	40RISE			10 DEGREE RISE DSC-40					1V
1158	312 00:00:00	31				VGR-31 OWLT IS 11H 05M 00S					1L
1159	312 02:20:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8487					1DP
1160	312 03:23:50	31	10 SET			10 DEGREE SET DSC-10					1V
1161	312 08:20:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8487 (D/L ONLY)					1DP
1162	312 08:21:10	31	60RISE			10 DEGREE RISE DSC-60					1V
1163	312 08:30:30	31	40 SET			10 DEGREE SET DSC-40					1V
1164	312 12:00:00	31				VGR-31 OWLT IS 11H 05M 04S					1L
1165	312 12:20:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8487					1DP
1166	312 15:53:42	31	10RISE			10 DEGREE RISE DSC-10					1V
1167	312 19:53:42	31	60 SET			10 DEGREE SET DSC-60					1V
1168	312 23:17:59	31	40RISE			10 DEGREE RISE DSC-40					1V
1169	312 23:55:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8488 (U/L PASS)					1DP
1170	313 00:00:00	31				VGR-31 OWLT IS 11H 05M 08S					1L
1171	313 02:20:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8488					1DP
1172	313 02:30:21	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1173	313 02:30:21	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
1174	313 02:31:09	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1175	313 02:31:09	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
1176	313 02:33:45	31				BEGIN PWSREC.31			09237:39:001F	00-312/15:28:35	1T
1177	313 02:33:45	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09237:39:010F	00-312/15:28:36	1ECF
1178	313 02:34:33	31				B- DRGS4B			09237:40:001F	00-312/15:29:23	1TB
1179	313 02:34:33	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		09237:40:009F	00-312/15:29:24	1ECF
1180	313 02:35:17	31				BEGIN RECORDING PWS DATA			09237:40:734F	00-312/15:30:07	1T
1181	313 02:35:17	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09237:40:735F	00-312/15:30:08	1ECd
1182	313 02:35:17	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:0849	DTR		09237:40:735F	00-312/15:30:08	1ESd
1183	313 02:35:21	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE -----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09237:41:001F	00-312/15:30:11	1ESF

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1184	313 02:35:21	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		09237:41:002F	00-312/15:30:12	1ECs
1185	313 02:35:22	31				B- DRCRUS			09237:41:018F	00-312/15:30:12	1TB
1186	313 02:35:22	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		09237:41:026F	00-312/15:30:13	1ECF
1187	313 02:36:09	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09237:42:001F	00-312/15:30:59	1ESF
1188	313 02:36:09	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		09237:42:002F	00-312/15:30:59	1ECs
1189	313 02:36:09	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09237:42:002F	00-312/15:31:00	1ECd
1190	313 02:36:09	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1142	DTR		09237:42:002F	00-312/15:31:00	1ESd
1191	313 02:36:57	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09237:43:009F	00-312/15:31:48	1ECf
1192	313 02:36:58	31				END PWSREC.31			09237:43:018F	00-312/15:31:48	1T
1193	313 03:19:56	31	10 SET			10 DEGREE SET DSC-10					1V
1194	313 08:17:18	31	60RISE			10 DEGREE RISE DSC-60					1V
1195	313 08:26:38	31	40 SET			10 DEGREE SET DSC-40					1V
1196	313 10:00:00	31	54 AO	OPCH	ACE	AOS DSS-54 PASS-8488 (D/L ONLY)					1DP
1197	313 12:00:00	31				VGR-31 OWLT IS 11H 05M 12S					1L

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FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1198	313 14:41:01	31				B- RFSTLC			09252:48:001F	00-313/03:35:47	1TB
1199	313 15:49:49	31	10RISE			10 DEGREE RISE DSC-10					1V
1200	313 16:15:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8488 (D/L ONLY)					1DP
1201	313 16:35:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-8488					1DP
1202	313 18:38:26	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1203	313 18:38:26	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
1204	313 18:38:38	31				BEGIN PMPCALLR			09257:45:001F	00-313/07:33:23	1T
1205	313 18:38:38	31				INITIATE PMPCAL CYCLIC			09257:45:001F	00-313/07:33:23	1T
1206	313 18:38:38	31				PMPCAL LOOPS=27D22H24M 13 TIMES			09257:45:001F	00-313/07:33:23	1T
1207	313 18:42:38	31				B- DR5T			09257:50:001F	00-313/07:37:23	1TB
1208	313 18:42:38	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		09257:50:008F	00-313/07:37:24	1ECf
1209	313 18:43:26	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09257:51:001F	00-313/07:38:11	1ESf
1210	313 18:43:26	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		09257:51:001F	00-313/07:38:11	1ECs
1211	313 18:49:50	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		09257:59:008F	00-313/07:44:36	1ECf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1212	313 18:50:38	31				BEGIN PLS/MAG/PESCAL			09258:00:001F	00-313/07:45:23	1T
1213	313 19:30:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8489 (D/L ONLY)					1DP
1214	313 19:49:48	31	60 SET			10 DEGREE SET DSC-60					1V
1215	313 19:50:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8488					1DP
1216	313 20:33:03	31				END PLSCAL			09260:08:001F	00-313/09:27:47	1T
1217	313 21:53:03	31				END MAGCAL			09261:48:001F	00-313/10:47:47	1T
1218	313 22:06:27	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1219	313 22:06:27	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
1220	313 22:10:39	31				END PESCAL			09262:10:001F	00-313/11:05:23	1T
1221	313 22:10:39	31				B- DRCRUS			09262:10:001F	00-313/11:05:23	1TB
1222	313 22:10:39	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		09262:10:009F	00-313/11:05:24	1ECf
1223	313 22:11:27	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09262:11:001F	00-313/11:06:11	1ESf
1224	313 22:11:27	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		09262:11:002F	00-313/11:06:11	1ECs
1225	313 22:11:28	31				END PMPCALLR			09262:11:018F	00-313/11:06:12	1T
1226	313 23:14:05	31	40RISE			10 DEGREE RISE DSC-40					1V
1227	314 00:00:00	31				VGR-31 OWLT IS 11H 05M 16S					1L

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT 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	314 02:45:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8489					1DP
1229	314 02:55:17	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
1230	314 03:00:17	31				X BAND LOW POWER			09268:12:001F	00-313/15:54:59	1T
1231	314 03:00:17	31			DC2HR	X-BAND TWT LOW POWER	RFS		09268:12:002F	00-313/15:54:59	1ECr
1232	314 03:04:17	31			CC1T	BAY 1 HTR ON	PWR		09268:17:002F	00-313/15:58:59	1ECp
1233	314 03:04:18	31				END PWPBA31			09268:17:018F	00-313/15:59:00	1T
1234	314 03:04:18	31				END BASLIN			09268:17:018F	00-313/15:59:00	1T
1235	314 03:16:02	31	10 SET			10 DEGREE SET DSC-10					1V
1236	314 08:13:26	31	60RISE			10 DEGREE RISE DSC-60					1V
1237	314 08:22:45	31	40 SET			10 DEGREE SET DSC-40					1V
1238	314 11:30:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8489 (D/L ONLY)					1DP
1239	314 11:53:56	31			AC7SSB	(4 +154) SS BIAS CONTROL --- YAW	AACS		09279:19:003F	00-314/00:48:36	1ECa
1240	314 12:00:00	31				VGR-31 OWLT IS 11H 05M 20S					1L
1241	314 13:25:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8489 (D/L ONLY)					1DP
1242	314 13:45:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-8489					1DP
1243	314 15:45:57	31	10RISE			10 DEGREE RISE DSC-10					1V
1244	314 19:45:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8489					1DP
1245	314 19:45:55	31	60 SET			10 DEGREE SET DSC-60					1V
1246	314 23:10:11	31	40RISE			10 DEGREE RISE DSC-40					1V
1247	315 00:00:00	31				VGR-31 OWLT IS 11H 05M 23S					1L
1248	315 00:30:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8490 (D/L ONLY)					1DP
1249	315 02:40:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8490					1DP
1250	315 03:12:08	31	10 SET			10 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1251	315 08:09:34	31	60RISE			10 DEGREE RISE DSC-60					1V
1252	315 08:18:53	31	40 SET			10 DEGREE SET DSC-40					1V
1253	315 12:00:00	31				VGR-31 OWLT IS 11H 05M 27S					1L
1254	315 13:30:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8490 (D/L ONLY)					1DP
1255	315 15:40:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8491 (U/L PASS)					1DP
1256	315 15:42:05	31	10RISE			10 DEGREE RISE DSC-10					1V
1257	315 16:00:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-8490					1DP
1258	315 19:42:01	31	60 SET			10 DEGREE SET DSC-60					1V
1259	315 20:00:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8491 (D/L ONLY)					1DP
1260	315 20:15:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8491					1DP
1261	315 23:06:17	31	40RISE			10 DEGREE RISE DSC-40					1V
1262	316 00:00:00	31				VGR-31 OWLT IS 11H 05M 31S					1L
1263	316 02:20:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8491					1DP
1264	316 03:08:15	31	10 SET			10 DEGREE SET DSC-10					1V
1265	316 08:00:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8491 (D/L ONLY)					1DP
1266	316 08:05:42	31	60RISE			10 DEGREE RISE DSC-60					1V
1267	316 08:15:01	31	40 SET			10 DEGREE SET DSC-40					1V
1268	316 12:00:00	31				VGR-31 OWLT IS 11H 05M 35S					1L
1269	316 12:15:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8491					1DP
1270	316 15:38:12	31	10RISE			10 DEGREE RISE DSC-10					1V
1271	316 18:15:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8492 (D/L ONLY)					1DP
1272	316 19:38:07	31	60 SET			10 DEGREE SET DSC-60					1V
1273	316 21:58:14	31			AC7SSB	(3 +015) SS BIAS CONTROL - PITCH	AACS		09351:54:003F	00-316/10:52:36	1ECa

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1274	316 22:00:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8492 (D/L ONLY)					1DP
1275	316 22:20:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8492					1DP
1276	316 23:02:24	31	40RISE			10 DEGREE RISE DSC-40					1V
1277	317 00:00:00	31				VGR-31 OWLT IS 11H 05M 39S					1L
1278	317 02:30:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8492					1DP
1279	317 03:04:21	31	10 SET			10 DEGREE SET DSC-10					1V
1280	317 08:01:50	31	60RISE			10 DEGREE RISE DSC-60					1V
1281	317 08:11:09	31	40 SET			10 DEGREE SET DSC-40					1V
1282	317 11:45:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8492 (D/L ONLY)					1DP
1283	317 12:00:00	31				VGR-31 OWLT IS 11H 05M 42S					1L
1284	317 15:34:20	31	10RISE			10 DEGREE RISE DSC-10					1V
1285	317 17:50:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-8492					1DP
1286	317 19:15:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8493 (D/L ONLY)					1DP
1287	317 19:34:13	31	60 SET			10 DEGREE SET DSC-60					1V
1288	317 22:58:30	31	40RISE			10 DEGREE RISE DSC-40					1V
1289	318 00:00:00	31				VGR-31 OWLT IS 11H 05M 46S					1L
1290	318 02:35:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8493					1DP
1291	318 03:00:28	31	10 SET			10 DEGREE SET DSC-10					1V
1292	318 07:57:57	31	60RISE			10 DEGREE RISE DSC-60					1V
1293	318 08:05:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8493 (D/L ONLY)					1DP
1294	318 08:07:17	31	40 SET			10 DEGREE SET DSC-40					1V
1295	318 12:00:00	31				VGR-31 OWLT IS 11H 05M 50S					1L
1296	318 13:10:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8493					1DP

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1297	318 14:57:38	31			AC7SSB	(4 +155) SS BIAS CONTROL --- YAW	AACS		09403:08:003F	00-318/03:51:48	1ECa
1298	318 15:30:28	31	10RISE			10 DEGREE RISE DSC-10					1V
1299	318 16:35:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8493 (D/L ONLY)					1DP
1300	318 18:00:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-8493					1DP
1301	318 19:30:20	31	60 SET			10 DEGREE SET DSC-60					1V
1302	318 21:35:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8494 (D/L ONLY)					1DP
1303	318 22:54:36	31	40RISE			10 DEGREE RISE DSC-40					1V
1304	319 00:00:00	31				VGR-31 OWLT IS 11H 05M 53S					1L
1305	319 00:30:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8494 (D/L ONLY)					1DP
1306	319 00:45:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8494					1DP
1307	319 02:00:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8494					1DP
1308	319 02:56:34	31	10 SET			10 DEGREE SET DSC-10					1V
1309	319 07:54:05	31	60RISE			10 DEGREE RISE DSC-60					1V
1310	319 08:03:25	31	40 SET			10 DEGREE SET DSC-40					1V
1311	319 08:20:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8494 (D/L ONLY)					1DP
1312	319 12:00:00	31				VGR-31 OWLT IS 11H 05M 57S					1L
1313	319 15:26:36	31	10RISE			10 DEGREE RISE DSC-10					1V
1314	319 17:55:00	31	63	OPCH 63		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
1315	319 17:55:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1316	319 17:56:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
1317	319 17:57:00	31	63	OPCH 63		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
1318	319 18:22:00	31	63	OPCH 63		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
1319	319 18:35:00	31	63	LO OPCH ACE		LOS DSS-63 PASS-8494					1DP
1320	319 19:26:26	31	60	SET		10 DEGREE SET DSC-60					1V
1321	319 22:50:43	31	40	RISE		10 DEGREE RISE DSC-40					1V
1322	319 23:55:00	31	24	AO OPCH ACE		AOS DSS-24 PASS-8495 (U/L PASS)					1DP
1323	320 00:00:00	31				VGR-31 OWLT IS 11H 06M 00S					1L
1324	320 02:05:00	31	24	LO OPCH ACE		LOS DSS-24 PASS-8495					1DP
1325	320 02:07:13	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1326	320 02:07:13	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
1327	320 02:08:01	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1328	320 02:08:01	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 A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1329	320 02:10:37	31				BEGIN PWSREC.31			09447:09:001F	00-319/15:04:35	1T
1330	320 02:10:37	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09447:09:009F	00-319/15:04:36	1ECf
1331	320 02:11:25	31				B- DRGS4B			09447:10:001F	00-319/15:05:23	1TB
1332	320 02:11:25	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		09447:10:009F	00-319/15:05:24	1ECf
1333	320 02:12:09	31				BEGIN RECORDING PWS DATA			09447:10:734F	00-319/15:06:07	1T
1334	320 02:12:09	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09447:10:735F	00-319/15:06:08	1ECd
1335	320 02:12:09	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:1149	DTR		09447:10:735F	00-319/15:06:08	1ESd
1336	320 02:12:13	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09447:11:001F	00-319/15:06:11	1ESf
1337	320 02:12:13	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		09447:11:002F	00-319/15:06:11	1ECs
1338	320 02:12:14	31				B- DRCRUS			09447:11:018F	00-319/15:06:12	1TB
1339	320 02:12:14	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		09447:11:026F	00-319/15:06:13	1ECf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1340	320 02:13:01	31		ACE OPCH			FDS	CR-5T	09447:12:001F	00-319/15:06:59	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
1341	320 02:13:01	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		09447:12:002F	00-319/15:06:59	1ECs
1342	320 02:13:01	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09447:12:002F	00-319/15:07:00	1ECd
1343	320 02:13:01	31					DTR		09447:12:002F	00-319/15:07:00	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1441					
1344	320 02:13:49	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09447:13:009F	00-319/15:07:48	1ECf
1345	320 02:13:50	31				END PWSREC.31			09447:13:018F	00-319/15:07:48	1T
1346	320 02:52:41	31	10 SET			10 DEGREE SET DSC-10					1V
1347	320 07:50:13	31	60RISE			10 DEGREE RISE DSC-60					1V
1348	320 07:59:33	31	40 SET			10 DEGREE SET DSC-40					1V
1349	320 12:00:00	31				VGR-31 OWLT IS 11H 06M 04S					1L
1350	320 13:45:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8495 (D/L ONLY)					1DP
1351	320 15:22:43	31	10RISE			10 DEGREE RISE DSC-10					1V
1352	320 16:00:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8495 (D/L ONLY)					1DP
1353	320 16:02:41	31				B- RFSTLC			09464:29:001F	00-320/04:56:35	1TB
1354	320 16:20:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8495					1DP
1355	320 16:34:08	31	63	OPCH 63							1TD
						== START TLC TEST DOWN-LINK ==					

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1356	320 17:35:08	31	63	OPCH 63		== END TLC TEST DOWN-LINK ==					1TD
1357	320 19:10:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8496 (D/L ONLY)					1DP
1358	320 19:22:33	31	60 SET			10 DEGREE SET DSC-60					1V
1359	320 19:30:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8495					1DP
1360	320 19:59:30	31				B- MEMUPD			09469:25:001F	00-320/08:53:23	1TB
1361	320 19:59:30	31				MEMUPD - ENA AHELIO			09469:25:001F	00-320/08:53:23	1T
1362	320 22:06:43	31				B- UVSLEW			09472:04:001F	00-320/11:00:35	1TB
1363	320 22:06:43	31				SLEW TO HELIO-20A			09472:04:001F	00-320/11:00:35	1T
1364	320 22:06:43	31				B- PLATPOB			09472:04:001F	00-320/11:00:35	1TB
1365	320 22:06:43	31			AC7SPK	(2 12 1 099 212) AZ SLEW R=LOW	AACS		09472:04:003F	00-320/11:00:36	1ECa
1366	320 22:06:43	31			AC7SPK	(1 12 2 173 176) EL SLEW R=LOW	AACS		09472:04:005F	00-320/11:00:36	1ECa
1367	320 22:29:26	31				B- SLEND			09472:32:318F	00-320/11:23:18	1TB
1368	320 22:29:26	31			SLEWEND	AZ=125.028 EL=25.026 CO=21.807			09472:32:318F	00-320/11:23:18	1T
1369	320 22:46:49	31	40RISE			10 DEGREE RISE DSC-40					1V
1370	321 00:00:00	31				VGR-31 OWLT IS 11H 06M 07S					1L
1371	321 02:30:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8496					1DP
1372	321 02:48:47	31	10 SET			10 DEGREE SET DSC-10					1V
1373	321 07:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8496 (D/L ONLY)					1DP
1374	321 07:46:21	31	60RISE			10 DEGREE RISE DSC-60					1V
1375	321 07:55:40	31	40 SET			10 DEGREE SET DSC-40					1V
1376	321 10:06:46	31				B- UVSLEW			09487:04:001F	00-320/23:00:35	1TB
1377	321 10:06:46	31				SLEW TO HELIO-19A			09487:04:001F	00-320/23:00:35	1T

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1378	321 10:06:46	31				B- PLATPOB			09487:04:001F	00-320/23:00:35	1TB
1379	321 10:06:46	31			AC7SPK	(1 12 1 157 028) EL SLEW R=LOW	AACS		09487:04:003F	00-320/23:00:36	1ECa
1380	321 10:06:46	31			AC7SPL	(2 12 1 255 211) AZ SLEW R=LOW	AACS		09487:04:005F	00-320/23:00:36	1ECa
1381	321 10:11:41	31				B- SLEND			09487:10:118F	00-320/23:05:30	1TB
1382	321 10:11:41	31			SLEWEND	AZ=124.999 EL=47.988 CO=44.454			09487:10:118F	00-320/23:05:30	1T
1383	321 12:00:00	31				VGR-31 OWLT IS 11H 06M 11S					1L
1384	321 15:18:51	31	10RISE			10 DEGREE RISE DSC-10					1V
1385	321 16:40:24	31			AC7SSB	(3 +014) SS BIAS CONTROL - PITCH	AACS		09495:16:003F	00-321/05:34:12	1ECa
1386	321 17:05:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8496					1DP
1387	321 18:45:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8497 (D/L ONLY)					1DP
1388	321 19:18:39	31	60 SET			10 DEGREE SET DSC-60					1V
1389	321 22:06:50	31				B- UVSLEW			09502:04:001F	00-321/11:00:35	1TB
1390	321 22:06:50	31				SLEW TO HELIO-18A			09502:04:001F	00-321/11:00:35	1T
1391	321 22:06:50	31				B- PLATPOA			09502:04:001F	00-321/11:00:35	1TB
1392	321 22:06:50	31			AC7SPK	(1 12 2 141 140) EL SLEW R=LOW	AACS		09502:04:003F	00-321/11:00:36	1ECa
1393	321 22:11:35	31				B- SLEND			09502:09:751F	00-321/11:05:20	1TB
1394	321 22:11:35	31			SLEWEND	AZ=124.999 EL=70.985 CO=67.290			09502:09:751F	00-321/11:05:20	1T
1395	321 22:42:56	31	40RISE			10 DEGREE RISE DSC-40					1V
1396	322 00:00:00	31				VGR-31 OWLT IS 11H 06M 14S					1L
1397	322 02:15:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8497					1DP
1398	322 02:44:54	31	10 SET			10 DEGREE SET DSC-10					1V
1399	322 07:42:29	31	60RISE			10 DEGREE RISE DSC-60					1V
1400	322 07:51:48	31	40 SET			10 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1401	322 10:06:53	31				B- UVSLEW			09517:04:001F	00-321/23:00:35	1TB
1402	322 10:06:53	31				SLEW TO HELIO-17A			09517:04:001F	00-321/23:00:35	1T
1403	322 10:06:53	31				B- PLATPOA			09517:04:001F	00-321/23:00:35	1TB
1404	322 10:06:53	31			AC7SPK	(1 12 1 127 094) EL SLEW R=LOW	AACS		09517:04:003F	00-321/23:00:36	1ECa
1405	322 10:11:02	31				B- SLEND			09517:09:151F	00-321/23:04:44	1TB
1406	322 10:11:02	31			SLEWEND	AZ=124.999 EL=91.022 CO=87.218			09517:09:151F	00-321/23:04:44	1T
1407	322 12:00:00	31				VGR-31 OWLT IS 11H 06M 18S					1L
1408	322 15:14:59	31	10RISE			10 DEGREE RISE DSC-10					1V
1409	322 15:25:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8498 (D/L ONLY)					1DP
1410	322 18:01:19	31			AC7SSB	(4 +156) SS BIAS CONTROL --- YAW	AACS		09526:57:003F	00-322/06:55:00	1ECa
1411	322 19:14:46	31	60 SET			10 DEGREE SET DSC-60					1V
1412	322 20:15:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8498					1DP
1413	322 22:06:57	31				B- UVSLEW			09532:04:001F	00-322/11:00:35	1TB
1414	322 22:06:57	31				SLEW TO HELIO-16A			09532:04:001F	00-322/11:00:35	1T
1415	322 22:06:57	31				B- PLATPOA			09532:04:001F	00-322/11:00:35	1TB
1416	322 22:06:57	31			AC7SPK	(1 12 1 111 076) EL SLEW R=LOW	AACS		09532:04:003F	00-322/11:00:36	1ECa
1417	322 22:11:42	31				B- SLEND			09532:09:751F	00-322/11:05:20	1TB
1418	322 22:11:42	31			SLEWEND	AZ=124.999 EL=114.014 CO=110.143			09532:09:751F	00-322/11:05:20	1T
1419	322 22:39:02	31	40RISE			10 DEGREE RISE DSC-40					1V
1420	323 00:00:00	31				VGR-31 OWLT IS 11H 06M 21S					1L
1421	323 02:41:00	31	10 SET			10 DEGREE SET DSC-10					1V
1422	323 07:38:37	31	60RISE			10 DEGREE RISE DSC-60					1V
1423	323 07:47:56	31	40 SET			10 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1424	323 08:00:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8498 (D/L ONLY)					1DP
1425	323 10:07:00	31				B- UVSLEW			09547:04:001F	00-322/23:00:35	1TB
1426	323 10:07:00	31				SLEW TO HELIO-15A			09547:04:001F	00-322/23:00:35	1T
1427	323 10:07:00	31				B- PLATPOA			09547:04:001F	00-322/23:00:35	1TB
1428	323 10:07:00	31			AC7SPK	(1 12 1 096 127) EL SLEW R=LOW	AACS		09547:04:003F	00-322/23:00:36	1ECa
1429	323 10:11:21	31				B- SLEND			09547:09:351F	00-322/23:04:56	1TB
1430	323 10:11:21	31			SLEWEND	AZ=124.999 EL=134.993 CO=131.027			09547:09:351F	00-322/23:04:56	1T
1431	323 12:00:00	31				VGR-31 OWLT IS 11H 06M 24S					1L
1432	323 12:15:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8498					1DP
1433	323 15:11:07	31	10RISE			10 DEGREE RISE DSC-10					1V
1434	323 17:50:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8499 (D/L ONLY)					1DP
1435	323 19:10:52	31	60 SET			10 DEGREE SET DSC-60					1V
1436	323 22:07:03	31				B- UVSLEW			09562:04:001F	00-323/11:00:35	1TB
1437	323 22:07:03	31				SLEW TO HELIO-14A			09562:04:001F	00-323/11:00:35	1T
1438	323 22:07:03	31				B- PLATPOA			09562:04:001F	00-323/11:00:35	1TB
1439	323 22:07:03	31			AC7SPK	(1 12 2 089 171) EL SLEW R=LOW	AACS		09562:04:003F	00-323/11:00:36	1ECa
1440	323 22:09:11	31				B- SLEND			09562:06:534F	00-323/11:02:43	1TB
1441	323 22:09:11	31			SLEWEND	AZ=124.999 EL=144.988 CO=140.937			09562:06:534F	00-323/11:02:43	1T
1442	323 22:35:09	31	40RISE			10 DEGREE RISE DSC-40					1V
1443	324 00:00:00	31				VGR-31 OWLT IS 11H 06M 28S					1L
1444	324 00:50:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8499					1DP
1445	324 02:37:07	31	10 SET			10 DEGREE SET DSC-10					1V
1446	324 07:34:44	31	60RISE			10 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1447	324 07:44:04	31	40 SET			10 DEGREE SET DSC-40					1V
1448	324 08:00:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8499 (D/L ONLY)					1DP
1449	324 10:07:07	31				B- UVSLEW			09577:04:001F	00-323/23:00:35	1TB
1450	324 10:07:07	31				SLEW TO HELIO-13A			09577:04:001F	00-323/23:00:35	1T
1451	324 10:07:07	31				B- PLATPOA			09577:04:001F	00-323/23:00:35	1TB
1452	324 10:07:07	31			AC7SPK	(1 12 2 083 118) EL SLEW R=LOW	AACS		09577:04:003F	00-323/23:00:36	1ECa
1453	324 10:09:03	31				B- SLEND			09577:06:334F	00-323/23:02:31	1TB
1454	324 10:09:03	31			SLEWEND	AZ=124.999 EL=154.000 CO=149.822			09577:06:334F	00-323/23:02:31	1T
1455	324 12:00:00	31				VGR-31 OWLT IS 11H 06M 31S					1L
1456	324 12:30:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8499					1DP
1457	324 15:07:14	31	10RISE			10 DEGREE RISE DSC-10					1V
1458	324 15:30:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8500 (D/L ONLY)					1DP
1459	324 19:06:59	31	60 SET			10 DEGREE SET DSC-60					1V
1460	324 19:15:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8500					1DP
1461	324 19:15:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8500 (D/L ONLY)					1DP
1462	324 22:07:10	31				B- UVSLEW			09592:04:001F	00-324/11:00:35	1TB
1463	324 22:07:10	31				SLEW TO HELIO-12A			09592:04:001F	00-324/11:00:35	1T
1464	324 22:07:10	31				B- PLATPOA			09592:04:001F	00-324/11:00:35	1TB
1465	324 22:07:10	31			AC7SPK	(1 12 1 075 108) EL SLEW R=LOW	AACS		09592:04:003F	00-324/11:00:36	1ECa
1466	324 22:09:36	31				B- SLEND			09592:07:034F	00-324/11:03:01	1TB
1467	324 22:09:36	31			SLEWEND	AZ=124.999 EL=165.518 CO=161.031			09592:07:034F	00-324/11:03:01	1T
1468	324 22:31:15	31	40RISE			10 DEGREE RISE DSC-40					1V
1469	325 00:00:00	31				VGR-31 OWLT IS 11H 06M 34S					1L

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1470	325 02:15:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8500					1DP
1471	325 02:33:14	31	10 SET			10 DEGREE SET DSC-10					1V
1472	325 07:30:52	31	60RISE			10 DEGREE RISE DSC-60					1V
1473	325 07:40:12	31	40 SET			10 DEGREE SET DSC-40					1V
1474	325 08:25:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8500 (D/L ONLY)					1DP
1475	325 10:07:13	31				B- UVSLEW			09607:04:001F	00-324/23:00:35	1TB
1476	325 10:07:13	31				SLEW TO HELIO-11A			09607:04:001F	00-324/23:00:35	1T
1477	325 10:07:13	31				B- PLATPOA			09607:04:001F	00-324/23:00:35	1TB
1478	325 10:07:13	31			AC7SPK	(1 12 2 068 132) EL SLEW R=LOW	AACS		09607:04:003F	00-324/23:00:36	1ECa
1479	325 10:09:27	31				B- SLEND			09607:06:634F	00-324/23:02:49	1TB
1480	325 10:09:27	31			SLEWEND	AZ=124.999 EL=176.032 CO=170.678			09607:06:634F	00-324/23:02:49	1T
1481	325 12:00:00	31				VGR-31 OWLT IS 11H 06M 38S					1L
1482	325 12:15:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8500					1DP
1483	325 15:03:22	31	10RISE			10 DEGREE RISE DSC-10					1V
1484	325 16:10:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8500 (D/L ONLY)					1DP
1485	325 18:35:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8500					1DP
1486	325 19:03:05	31	60 SET			10 DEGREE SET DSC-60					1V
1487	325 21:15:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8501 (D/L ONLY)					1DP
1488	325 22:07:16	31				B- UVSLEW			09622:04:001F	00-325/11:00:35	1TB
1489	325 22:07:16	31				SLEW TO MIDPNT-A			09622:04:001F	00-325/11:00:35	1T
1490	325 22:07:16	31				B- PLATPOB			09622:04:001F	00-325/11:00:35	1TB
1491	325 22:07:16	31			AC7SPK	(1 12 1 093 214) EL SLEW R=LOW	AACS		09622:04:003F	00-325/11:00:36	1ECa
1492	325 22:07:16	31			AC7SPK	(2 12 1 165 130) AZ SLEW R=LOW	AACS		09622:04:005F	00-325/11:00:36	1ECa

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1493	325 22:27:22	31	40RISE			10 DEGREE RISE DSC-40					1V
1494	325 22:34:00	31				B- SLEND			09622:37:334F	00-325/11:27:19	1TB
1495	325 22:34:00	31			SLEWEND	AZ=220.013 EL=140.021 CO=134.973			09622:37:334F	00-325/11:27:19	1T
1496	326 00:00:00	31				VGR-31 OWLT IS 11H 06M 41S					1L
1497	326 01:55:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8501					1DP
1498	326 02:29:21	31	10 SET			10 DEGREE SET DSC-10					1V
1499	326 07:27:00	31	60RISE			10 DEGREE RISE DSC-60					1V
1500	326 07:36:20	31	40 SET			10 DEGREE SET DSC-40					1V
1501	326 10:07:19	31				B- UVSLEW			09637:04:001F	00-325/23:00:35	1TB
1502	326 10:07:19	31				SLEW TO HELIO-10A			09637:04:001F	00-325/23:00:35	1T
1503	326 10:07:19	31				B- PLATPOB			09637:04:001F	00-325/23:00:35	1TB
1504	326 10:07:19	31			AC7SPK	(2 12 2 222 177) AZ SLEW R=LOW	AACS		09637:04:003F	00-325/23:00:36	1ECa
1505	326 10:07:19	31			AC7SPK	(1 12 1 071 142) EL SLEW R=LOW	AACS		09637:04:005F	00-325/23:00:36	1ECa
1506	326 10:30:08	31				B- SLEND			09637:32:401F	00-325/23:23:23	1TB
1507	326 10:30:08	31			SLEWEND	AZ=299.984 EL=172.024 CO=172.723			09637:32:401F	00-325/23:23:23	1T
1508	326 11:22:32	31			AC7SSB	(3 +013) SS BIAS CONTROL - PITCH	AACS		09638:38:003F	00-326/00:15:48	1ECa
1509	326 12:00:00	31				VGR-31 OWLT IS 11H 06M 44S					1L
1510	326 13:30:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8501 (D/L ONLY)					1DP
1511	326 14:59:30	31	10RISE			10 DEGREE RISE DSC-10					1V
1512	326 16:55:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8501					1DP
1513	326 18:59:12	31	60 SET			10 DEGREE SET DSC-60					1V
1514	326 21:04:58	31			AC7SSB	(4 +157) SS BIAS CONTROL --- YAW	AACS		09650:46:003F	00-326/09:58:12	1ECa
1515	326 21:05:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8502 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1516	326 22:07:23	31				B- UVSLEW			09652:04:001F	00-326/11:00:35	1TB
1517	326 22:07:23	31				SLEW TO HELIO-9A			09652:04:001F	00-326/11:00:35	1T
1518	326 22:07:23	31				B- PLATPOB			09652:04:001F	00-326/11:00:35	1TB
1519	326 22:07:23	31			AC7SPK	(1 12 2 079 159) EL SLEW R=LOW	AACS		09652:04:003F	00-326/11:00:36	1ECa
1520	326 22:07:23	31			AC7SPL	(2 12 1 255 044) AZ SLEW R=LOW	AACS		09652:04:005F	00-326/11:00:36	1ECa
1521	326 22:10:02	31				B- SLEND			09652:07:251F	00-326/11:03:14	1TB
1522	326 22:10:02	31			SLEWEND	AZ=299.953 EL=160.328 CO=162.647			09652:07:251F	00-326/11:03:14	1T
1523	326 22:23:29	31	40RISE			10 DEGREE RISE DSC-40					1V
1524	327 00:00:00	31				VGR-31 OWLT IS 11H 06M 47S					1L
1525	327 01:44:00	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1526	327 01:44:00	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
1527	327 01:44:48	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1528	327 01:44:48	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
1529	327 01:47:24	31				B- HPAUSE.2			09656:39:001F	00-326/14:40:35	1TB
1530	327 01:47:24	31				BEGIN PWSREC.31			09656:39:001F	00-326/14:40:35	1T
1531	327 01:47:24	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09656:39:010F	00-326/14:40:36	1ECf
1532	327 01:48:12	31				B- DRGS4B			09656:40:001F	00-326/14:41:23	1TB

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1533	327 01:48:12	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		09656:40:009F	00-326/14:41:24	1ECf
1534	327 01:48:56	31				BEGIN RECORDING PWS DATA			09656:40:734F	00-326/14:42:07	1T
1535	327 01:48:56	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09656:40:735F	00-326/14:42:08	1ECd
1536	327 01:48:56	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:1448	DTR		09656:40:735F	00-326/14:42:08	1ESd
1537	327 01:49:00	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09656:41:001F	00-326/14:42:11	1ESf
1538	327 01:49:00	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		09656:41:002F	00-326/14:42:12	1ECs
1539	327 01:49:01	31				B- DRCRUS			09656:41:018F	00-326/14:42:12	1TB
1540	327 01:49:01	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		09656:41:026F	00-326/14:42:13	1ECf
1541	327 01:49:48	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09656:42:001F	00-326/14:42:59	1ESf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1542	327 01:49:48	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		09656:42:002F	00-326/14:43:00	1ECs
1543	327 01:49:48	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09656:42:002F	00-326/14:43:00	1ECd
1544	327 01:49:48	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1740	DTR		09656:42:002F	00-326/14:43:00	1ESd
1545	327 01:50:36	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09656:43:009F	00-326/14:43:48	1ECf
1546	327 01:50:37	31				END PWSREC.31			09656:43:018F	00-326/14:43:48	1T
1547	327 01:55:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8502					1DP
1548	327 02:25:27	31	10 SET			10 DEGREE SET DSC-10					1V
1549	327 07:23:08	31	60RISE			10 DEGREE RISE DSC-60					1V
1550	327 07:32:27	31	40 SET			10 DEGREE SET DSC-40					1V
1551	327 09:45:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8502 (D/L ONLY)					1DP
1552	327 09:49:02	31				B- RFSTLC			09666:41:001F	00-326/22:42:11	1TB
1553	327 10:07:26	31				B- UVSLEW			09667:04:001F	00-326/23:00:35	1TB
1554	327 10:07:26	31				SLEW TO HELIO-8A			09667:04:001F	00-326/23:00:35	1T
1555	327 10:07:26	31				B- PLATPOA			09667:04:001F	00-326/23:00:35	1TB
1556	327 10:07:26	31			AC7SPK	(1 12 1 086 126) EL SLEW R=LOW	AACS		09667:04:003F	00-326/23:00:36	1ECa
1557	327 10:09:37	31				B- SLEND			09667:06:584F	00-326/23:02:46	1TB
1558	327 10:09:37	31			SLEWEND	AZ=299.953 EL=150.019 CO=152.717			09667:06:584F	00-326/23:02:46	1T
1559	327 12:00:00	31				VGR-31 OWLT IS 11H 06M 50S					1L
1560	327 12:30:38	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		09670:03:002F	00-327/01:23:48	1ECd

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1561	327 12:30:38	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1747	DTR		09670:03:002F	00-327/01:23:48	1ESd
1562	327 12:44:53	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09670:20:645F	00-327/01:38:02	1ECd
1563	327 12:44:53	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2055	DTR		09670:20:645F	00-327/01:38:02	1ESd
1564	327 14:20:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-8502					1DP
1565	327 14:45:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8503 (U/L PASS)					1DP
1566	327 14:55:37	31	10RISE			10 DEGREE RISE DSC-10					1V
1567	327 15:30:39	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		09673:48:002F	00-327/04:23:48	1ECd
1568	327 15:30:39	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2055	DTR		09673:48:002F	00-327/04:23:48	1ESd
1569	327 15:31:15	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1570	327 15:31:15	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
1571	327 15:32:03	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1572	327 15:32:03	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
1573	327 15:34:39	31				AHELIO PWSREC 01			09673:53:001F	00-327/04:27:47	1T

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1574	327 15:34:39	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09673:53:009F	00-327/04:27:48	1ECf
1575	327 15:35:27	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		09673:54:009F	00-327/04:28:36	1ECf
1576	327 15:36:11	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09673:54:735F	00-327/04:29:20	1ECd
1577	327 15:36:11	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2055	DTR		09673:54:735F	00-327/04:29:20	1ESd
1578	327 15:36:15	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09673:55:001F	00-327/04:29:23	1ESf
1579	327 15:36:15	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		09673:55:002F	00-327/04:29:24	1ECs
1580	327 15:36:16	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		09673:55:026F	00-327/04:29:25	1ECf
1581	327 15:37:03	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09673:56:001F	00-327/04:30:11	1ESf
1582	327 15:37:03	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		09673:56:002F	00-327/04:30:12	1ECs

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FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1583	327 15:37:03	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09673:56:002F	00-327/04:30:12	1ECd
1584	327 15:37:03	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2347	DTR	09673:56:002F	00-327/04:30:12	1ESd	
1585	327 15:37:51	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09673:57:009F	00-327/04:31:00	1ECf
1586	327 18:15:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-8503 (D/L ONLY)					1DP
1587	327 18:30:00	31	14	LO	OPCH ACE	LOS DSS-14 PASS-8503					1DP
1588	327 18:55:19	31	60	SET		10 DEGREE SET DSC-60					1V
1589	327 22:07:29	31				B- UVSLEW			09682:04:001F	00-327/11:00:35	1TB
1590	327 22:07:29	31				SLEW TO HELIO-7A			09682:04:001F	00-327/11:00:35	1T
1591	327 22:07:29	31				B- PLATPOA			09682:04:001F	00-327/11:00:35	1TB
1592	327 22:07:29	31			AC7SPK	(1 12 2 094 117) EL SLEW R=LOW	AACS		09682:04:003F	00-327/11:00:36	1ECa
1593	327 22:09:49	31				B- SLEND			09682:06:734F	00-327/11:02:55	1TB
1594	327 22:09:49	31			SLEWEND	AZ=299.953 EL=139.020 CO=141.907			09682:06:734F	00-327/11:02:55	1T
1595	327 22:19:35	31	40	RISE		10 DEGREE RISE DSC-40					1V
1596	328 00:00:00	31				VGR-31 OWLT IS 11H 06M 53S					1L
1597	328 00:51:18	31			ACE OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1598	328 00:51:18	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
1599	328 00:52:06	31			ACE OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT 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	328 00:57:06	31		ACE OPCH			FDS	CR-5T	09685:36:001F	00-327/13:50:11	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
1610	328 00:57:06	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		09685:36:002F	00-327/13:50:12	1ECs
1611	328 00:57:06	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09685:36:002F	00-327/13:50:12	1ECd
1612	328 00:57:06	31					DTR		09685:36:002F	00-327/13:50:12	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2646					
1613	328 00:57:54	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09685:37:009F	00-327/13:51:00	1ECf
1614	328 01:35:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8503					1DP
1615	328 02:21:34	31	10 SET			10 DEGREE SET DSC-10					1V
1616	328 07:19:16	31	60RISE			10 DEGREE RISE DSC-60					1V
1617	328 07:28:35	31	40 SET			10 DEGREE SET DSC-40					1V
1618	328 09:20:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8503 (D/L ONLY)					1DP
1619	328 10:07:32	31				B- UVSLEW			09697:04:001F	00-327/23:00:35	1TB
1620	328 10:07:32	31				SLEW TO HELIO-6A			09697:04:001F	00-327/23:00:35	1T
1621	328 10:07:32	31				B- PLATPOA			09697:04:001F	00-327/23:00:35	1TB
1622	328 10:07:32	31			AC7SPK	(1 12 2 100 170) EL SLEW R=LOW	AACS		09697:04:003F	00-327/23:00:36	1ECa
1623	328 10:09:27	31				B- SLEND			09697:06:318F	00-327/23:02:30	1TB
1624	328 10:09:27	31			SLEWEND	AZ=299.953 EL=130.019 CO=132.993			09697:06:318F	00-327/23:02:30	1T
1625	328 10:11:20	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1636	328 10:16:21	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		09697:15:026F	00-327/23:09:25	1ECf
1637	328 10:17:08	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09697:16:001F	00-327/23:10:11	1ESf
1638	328 10:17:08	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09697:16:002F	00-327/23:10:12	1ECd
1639	328 10:17:08	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2945	DTR		09697:16:002F	00-327/23:10:12	1ESd
1640	328 10:17:08	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		09697:16:002F	00-327/23:10:12	1ECs
1641	328 10:17:56	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09697:17:009F	00-327/23:11:00	1ECf
1642	328 12:00:00	31				VGR-31 OWLT IS 11H 06M 56S					1L
1643	328 14:51:45	31	10RISE			10 DEGREE RISE DSC-10					1V
1644	328 15:35:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8504 (D/L ONLY)					1DP
1645	328 16:45:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-8503					1DP
1646	328 18:51:25	31	60 SET			10 DEGREE SET DSC-60					1V
1647	328 19:31:22	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1648	328 19:31:22	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 A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1649	328 19:32:10	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1650	328 19:32:10	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
1651	328 19:34:46	31				AHELIO PWSREC 04			09708:53:001F	00-328/08:27:47	1T
1652	328 19:34:46	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09708:53:009F	00-328/08:27:48	1ECf
1653	328 19:35:34	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		09708:54:009F	00-328/08:28:36	1ECf
1654	328 19:36:18	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09708:54:735F	00-328/08:29:20	1ECd
1655	328 19:36:18	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2952	DTR		09708:54:735F	00-328/08:29:20	1ESd
1656	328 19:36:22	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09708:55:001F	00-328/08:29:23	1ESf
1657	328 19:36:22	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		09708:55:002F	00-328/08:29:24	1ECs
1658	328 19:36:23	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		09708:55:026F	00-328/08:29:25	1ECf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1659	328 19:37:10	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09708:56:001F	00-328/08:30:11	1ESf
1660	328 19:37:10	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		09708:56:002F	00-328/08:30:12	1ECs
1661	328 19:37:10	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09708:56:002F	00-328/08:30:12	1ECd
1662	328 19:37:10	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:3244	DTR		09708:56:002F	00-328/08:30:12	1ESd
1663	328 19:37:58	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09708:57:009F	00-328/08:31:00	1ECf
1664	328 22:07:35	31				B- UVSLEW			09712:04:001F	00-328/11:00:35	1TB
1665	328 22:07:35	31				SLEW TO HELIO-5A			09712:04:001F	00-328/11:00:35	1T
1666	328 22:07:35	31				B- PLATPOA			09712:04:001F	00-328/11:00:35	1TB
1667	328 22:07:35	31			AC7SPK	(1 12 1 106 039) EL SLEW R=LOW	AACS		09712:04:003F	00-328/11:00:36	1ECa
1668	328 22:09:12	31				B- SLEND			09712:06:018F	00-328/11:02:12	1TB
1669	328 22:09:12	31			SLEWEND	AZ=299.953 EL=122.534 CO=125.558			09712:06:018F	00-328/11:02:12	1T
1670	328 22:15:42	31	40RISE			10 DEGREE RISE DSC-40					1V
1671	329 00:00:00	31				VGR-31 OWLT IS 11H 06M 59S					1L
1672	329 01:45:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8504					1DP
1673	329 02:17:41	31	10 SET			10 DEGREE SET DSC-10					1V
1674	329 04:51:25	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1675	329 04:51:25	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
1676	329 04:52:13	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1677	329 04:52:13	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
1678	329 04:54:49	31				AHELIO PWSREC 05			09720:33:001F	00-328/17:47:47	1T
1679	329 04:54:49	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09720:33:009F	00-328/17:47:48	1ECf
1680	329 04:55:37	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		09720:34:009F	00-328/17:48:36	1ECf
1681	329 04:56:21	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09720:34:735F	00-328/17:49:20	1ECd
1682	329 04:56:21	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:3251	DTR		09720:34:735F	00-328/17:49:20	1ESd
1683	329 04:56:25	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09720:35:001F	00-328/17:49:23	1ESF
1684	329 04:56:25	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		09720:35:002F	00-328/17:49:24	1ECs

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1685	329 04:56:26	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		09720:35:026F	00-328/17:49:25	1ECf
1686	329 04:57:13	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09720:36:001F	00-328/17:50:11	1ESf
1687	329 04:57:13	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		09720:36:002F	00-328/17:50:12	1ECs
1688	329 04:57:13	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09720:36:002F	00-328/17:50:12	1ECd
1689	329 04:57:13	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:3543	DTR		09720:36:002F	00-328/17:50:12	1ESd
1690	329 04:58:01	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09720:37:009F	00-328/17:51:00	1ECf
1691	329 07:10:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8504 (D/L ONLY)					1DP
1692	329 07:15:23	31	60RISE			10 DEGREE RISE DSC-60					1V
1693	329 07:24:43	31	40 SET			10 DEGREE SET DSC-40					1V
1694	329 10:07:38	31				B- UVSLEW			09727:04:001F	00-328/23:00:35	1TB
1695	329 10:07:38	31				SLEW TO HELIO-4A			09727:04:001F	00-328/23:00:35	1T
1696	329 10:07:38	31				B- PLATPOA			09727:04:001F	00-328/23:00:35	1TB
1697	329 10:07:38	31			AC7SPK	(1 12 1 114 215) EL SLEW R=LOW	AACS		09727:04:003F	00-328/23:00:36	1ECa
1698	329 10:10:16	31				B- SLEND			09727:07:234F	00-328/23:03:13	1TB
1699	329 10:10:16	31			SLEWEND	AZ=299.953 EL=110.058 CO=113.144			09727:07:234F	00-328/23:03:13	1T
1700	329 12:00:00	31				VGR-31 OWLT IS 11H 07M 02S					1L

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1701	329 12:15:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8504					1DP
1702	329 14:14:51	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		09732:13:002F	00-329/03:07:48	1ECd
1703	329 14:14:51	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:3550	DTR		09732:13:002F	00-329/03:07:48	1ESd
1704	329 14:15:27	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1705	329 14:15:27	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
1706	329 14:16:15	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1707	329 14:16:15	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
1708	329 14:18:51	31				AHELIO PWSREC 06			09732:18:001F	00-329/03:11:47	1T
1709	329 14:18:51	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09732:18:009F	00-329/03:11:48	1ECf
1710	329 14:19:39	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		09732:19:009F	00-329/03:12:36	1ECf
1711	329 14:20:23	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09732:19:735F	00-329/03:13:20	1ECd
1712	329 14:20:23	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:3550	DTR		09732:19:735F	00-329/03:13:20	1ESd

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1713	329 14:20:27	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09732:20:001F	00-329/03:13:23	1ESf
1714	329 14:20:27	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		09732:20:002F	00-329/03:13:24	1ECs
1715	329 14:20:28	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		09732:20:026F	00-329/03:13:25	1ECf
1716	329 14:21:15	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09732:21:001F	00-329/03:14:11	1ESf
1717	329 14:21:15	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09732:21:002F	00-329/03:14:12	1ECd
1718	329 14:21:15	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:3258	DTR		09732:21:002F	00-329/03:14:12	1ESd
1719	329 14:21:15	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		09732:21:002F	00-329/03:14:12	1ECs
1720	329 14:22:03	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09732:22:009F	00-329/03:15:00	1ECf
1721	329 14:47:53	31	10RISE			10 DEGREE RISE DSC-10					1V
1722	329 18:20:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8505 (D/L ONLY)					1DP
1723	329 18:47:32	31	60 SET			10 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1724	329 22:07:41	31				B- UVSLEW			09742:04:001F	00-329/11:00:35	1TB
1725	329 22:07:41	31				SLEW TO HELIO-3A			09742:04:001F	00-329/11:00:35	1T
1726	329 22:07:41	31				B- PLATPOA			09742:04:001F	00-329/11:00:35	1TB
1727	329 22:07:41	31			AC7SPK	(1 12 2 121 136) EL SLEW R=LOW	AACS		09742:04:003F	00-329/11:00:36	1ECa
1728	329 22:09:36	31				B- SLEND			09742:06:318F	00-329/11:02:30	1TB
1729	329 22:09:36	31			SLEWEND	AZ=299.953 EL=101.064 CO=104.193			09742:06:318F	00-329/11:02:30	1T
1730	329 22:11:49	31	40RISE			10 DEGREE RISE DSC-40					1V
1731	329 23:35:29	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1732	329 23:35:29	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
1733	329 23:36:17	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1734	329 23:36:17	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
1735	329 23:38:53	31				AHELIO PWSREC 07			09743:58:001F	00-329/12:31:47	1T
1736	329 23:38:53	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09743:58:009F	00-329/12:31:48	1ECf
1737	329 23:39:41	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		09743:59:009F	00-329/12:32:36	1ECf
1738	329 23:40:25	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09743:59:735F	00-329/12:33:20	1ECd

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1739	329 23:40:25	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:3251	DTR		09743:59:735F	00-329/12:33:20	1ESd
1740	329 23:40:29	31		ACE	OPCH	FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09744:00:001F	00-329/12:33:23	1ESf
1741	329 23:40:29	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		09744:00:002F	00-329/12:33:24	1ECs
1742	329 23:40:30	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		09744:00:026F	00-329/12:33:25	1ECf
1743	329 23:41:17	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09744:01:001F	00-329/12:34:11	1ESf
1744	329 23:41:17	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		09744:01:002F	00-329/12:34:12	1ECs
1745	329 23:41:17	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09744:01:002F	00-329/12:34:12	1ECd
1746	329 23:41:17	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2959	DTR		09744:01:002F	00-329/12:34:12	1ESd
1747	329 23:42:05	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09744:02:009F	00-329/12:35:00	1ECf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1748	330 00:00:00	31				VGR-31 OWLT IS 11H 07M 05S					1L
1749	330 01:40:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8505					1DP
1750	330 02:13:48	31	10 SET			10 DEGREE SET DSC-10					1V
1751	330 07:10:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8505 (D/L ONLY)					1DP
1752	330 07:11:31	31	60RISE			10 DEGREE RISE DSC-60					1V
1753	330 07:20:51	31	40 SET			10 DEGREE SET DSC-40					1V
1754	330 08:55:32	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1755	330 08:55:32	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
1756	330 08:56:20	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1757	330 08:56:20	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
1758	330 08:58:56	31				AHELIO PWSREC 08			09755:38:001F	00-329/21:51:47	1T
1759	330 08:58:56	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09755:38:009F	00-329/21:51:48	1ECf
1760	330 08:59:44	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACRS READOUT MODE : TELEMETRY	FDS		09755:39:009F	00-329/21:52:36	1ECf
1761	330 09:00:28	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09755:39:735F	00-329/21:53:20	1ECd
1762	330 09:00:28	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:2952	DTR		09755:39:735F	00-329/21:53:20	1ESd

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1763	330 09:00:32	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09755:40:001F	00-329/21:53:23	1ESf
1764	330 09:00:32	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		09755:40:002F	00-329/21:53:24	1ECs
1765	330 09:00:33	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		09755:40:026F	00-329/21:53:25	1ECf
1766	330 09:01:20	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09755:41:001F	00-329/21:54:11	1ESf
1767	330 09:01:20	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09755:41:002F	00-329/21:54:12	1ECd
1768	330 09:01:20	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2660	DTR		09755:41:002F	00-329/21:54:12	1ESd
1769	330 09:01:20	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		09755:41:002F	00-329/21:54:12	1ECs
1770	330 09:02:08	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09755:42:009F	00-329/21:55:00	1ECf
1771	330 10:07:44	31				B- UVSLEW			09757:04:001F	00-329/23:00:35	1TB
1772	330 10:07:44	31				SLEW TO HELIO-2A			09757:04:001F	00-329/23:00:35	1T
1773	330 10:07:44	31				B- PLATPOA			09757:04:001F	00-329/23:00:35	1TB

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1774	330 10:07:44	31			AC7SPK	(1 12 1 128 128) EL SLEW R=LOW	AACS		09757:04:003F	00-329/23:00:36	1ECa
1775	330 10:10:04	31				B- SLEND			09757:06:734F	00-329/23:02:55	1TB
1776	330 10:10:04	31			SLEWEND	AZ=299.953 EL=90.044 CO=93.232			09757:06:734F	00-329/23:02:55	1T
1777	330 12:00:00	31				VGR-31 OWLT IS 11H 07M 08S					1L
1778	330 14:44:01	31	10RISE			10 DEGREE RISE DSC-10					1V
1779	330 18:15:34	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1780	330 18:15:34	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
1781	330 18:16:22	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1782	330 18:16:22	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1783	330 18:18:58	31				AHELIO PWSREC 09			09767:18:001F	00-330/07:11:47	1T
1784	330 18:18:58	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09767:18:009F	00-330/07:11:48	1ECf
1785	330 18:19:46	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		09767:19:009F	00-330/07:12:36	1ECf
1786	330 18:20:30	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09767:19:735F	00-330/07:13:20	1ECd
1787	330 18:20:30	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:2653	DTR		09767:19:735F	00-330/07:13:20	1ESd

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1788	330 18:20:34	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09767:20:001F	00-330/07:13:23	1ESf
1789	330 18:20:34	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		09767:20:002F	00-330/07:13:24	1ECs
1790	330 18:20:35	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		09767:20:026F	00-330/07:13:25	1ECf
1791	330 18:21:22	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09767:21:001F	00-330/07:14:11	1ESf
1792	330 18:21:22	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09767:21:002F	00-330/07:14:12	1ECs
1793	330 18:21:22	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09767:21:002F	00-330/07:14:12	1ECd
1794	330 18:21:22	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2361	DTR		09767:21:002F	00-330/07:14:12	1ESd
1795	330 18:22:10	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09767:22:009F	00-330/07:15:00	1ECf
1796	330 18:43:39	31	60	SET		10 DEGREE SET DSC-60					1V
1797	330 18:45:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8505					1DP
1798	330 19:20:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-8506 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1816	331 03:39:48	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		09778:59:009F	00-330/16:32:36	1ECf
1817	331 03:40:32	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09778:59:735F	00-330/16:33:20	1ECd
1818	331 03:40:32	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:2354	DTR		09778:59:735F	00-330/16:33:20	1ESd
1819	331 03:40:36	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09779:00:001F	00-330/16:33:23	1ESf
1820	331 03:40:36	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		09779:00:002F	00-330/16:33:24	1ECs
1821	331 03:40:37	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		09779:00:026F	00-330/16:33:25	1ECf
1822	331 03:41:24	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09779:01:001F	00-330/16:34:11	1ESf
1823	331 03:41:24	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		09779:01:002F	00-330/16:34:12	1ECs
1824	331 03:41:24	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09779:01:002F	00-330/16:34:12	1ECd

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1825	331 03:41:24	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2062	DTR		09779:01:002F	00-330/16:34:12	1ESd
1826	331 03:42:12	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09779:02:009F	00-330/16:35:00	1ECf
1827	331 06:04:37	31			AC7SSB	(3 +012) SS BIAS CONTROL - PITCH	AACS		09782:00:003F	00-330/18:57:24	1ECa
1828	331 06:50:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8506 (D/L ONLY)					1DP
1829	331 07:07:39	31	60RISE			10 DEGREE RISE DSC-60					1V
1830	331 07:16:58	31	40 SET			10 DEGREE SET DSC-40					1V
1831	331 10:07:50	31				B- UVSLEW			09787:04:001F	00-330/23:00:35	1TB
1832	331 10:07:50	31				SLEW TO HELIO-1B			09787:04:001F	00-330/23:00:35	1T
1833	331 10:07:50	31				B- PLATPOB			09787:04:001F	00-330/23:00:35	1TB
1834	331 10:07:50	31			AC7SPK	(1 12 1 131 042) EL SLEW R=LOW	AACS		09787:04:003F	00-330/23:00:36	1ECa
1835	331 10:07:50	31			AC7SPK	(2 12 1 229 134) AZ SLEW R=LOW	AACS		09787:04:005F	00-330/23:00:36	1ECa
1836	331 10:11:08	31				B- SLEND			09787:08:101F	00-330/23:03:53	1TB
1837	331 10:11:08	31			SLEWEND	AZ=309.984 EL=85.002 CO=89.160			09787:08:101F	00-330/23:03:53	1T
1838	331 12:00:00	31				VGR-31 OWLT IS 11H 07M 14S					1L
1839	331 12:10:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8506					1DP
1840	331 12:55:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8506 (D/L ONLY)					1DP
1841	331 12:55:38	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1842	331 12:55:38	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
1843	331 12:56:26	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1844	331 12:56:26	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
1845	331 12:59:02	31				AHELIO PWSREC 11			09790:38:001F	00-331/01:51:47	1T
1846	331 12:59:02	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09790:38:009F	00-331/01:51:48	1ECF
1847	331 12:59:50	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		09790:39:009F	00-331/01:52:36	1ECF
1848	331 13:00:34	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09790:39:735F	00-331/01:53:20	1ECd
1849	331 13:00:34	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:2055	DTR		09790:39:735F	00-331/01:53:20	1ESd
1850	331 13:00:38	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09790:40:001F	00-331/01:53:23	1ESF
1851	331 13:00:38	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		09790:40:002F	00-331/01:53:24	1ECs
1852	331 13:00:39	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		09790:40:026F	00-331/01:53:25	1ECf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1853	331 13:01:26	31		ACE OPCH			FDS	CR-5T	09790:41:001F	00-331/01:54:11	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
1854	331 13:01:26	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		09790:41:002F	00-331/01:54:12	1ECs
1855	331 13:01:26	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09790:41:002F	00-331/01:54:12	1ECd
1856	331 13:01:26	31					DTR		09790:41:002F	00-331/01:54:12	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1763					
1857	331 13:02:14	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09790:42:009F	00-331/01:55:00	1ECf
1858	331 14:40:08	31	10RISE			10 DEGREE RISE DSC-10					1V
1859	331 16:20:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8506					1DP
1860	331 18:39:46	31	60 SET			10 DEGREE SET DSC-60					1V
1861	331 20:15:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8507 (D/L ONLY)					1DP
1862	331 22:04:02	31	40RISE			10 DEGREE RISE DSC-40					1V
1863	331 22:07:52	31				B- UVSLEW			09802:04:001F	00-331/11:00:35	1TB
1864	331 22:07:52	31				SLEW TO HELIO-2B			09802:04:001F	00-331/11:00:35	1T
1865	331 22:07:52	31				B- PLATPOB			09802:04:001F	00-331/11:00:35	1TB
1866	331 22:07:52	31			AC7SPK	(1 12 2 124 085) EL SLEW R=LOW	AACS		09802:04:003F	00-331/11:00:36	1ECa
1867	331 22:07:52	31			AC7SPK	(2 12 2 232 179) AZ SLEW R=LOW	AACS		09802:04:005F	00-331/11:00:36	1ECa
1868	331 22:11:00	31				B- SLEND			09802:07:734F	00-331/11:03:43	1TB
1869	331 22:11:00	31			SLEWEND	AZ=314.998 EL=95.016 CO=99.548			09802:07:734F	00-331/11:03:43	1T

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1870	331 22:19:40	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1871	331 22:19:40	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
1872	331 22:20:29	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1873	331 22:20:29	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
1874	331 22:23:04	31				AHELIO PWSREC 12			09802:23:001F	00-331/11:15:47	1T
1875	331 22:23:04	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09802:23:009F	00-331/11:15:48	1ECf
1876	331 22:23:52	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		09802:24:009F	00-331/11:16:36	1ECf
1877	331 22:24:36	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09802:24:735F	00-331/11:17:20	1ECd
1878	331 22:24:36	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:1756	DTR		09802:24:735F	00-331/11:17:20	1ESd
1879	331 22:24:40	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09802:25:001F	00-331/11:17:23	1ESf
1880	331 22:24:40	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		09802:25:002F	00-331/11:17:24	1ECs

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1881	331 22:24:41	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		09802:25:026F	00-331/11:17:25	1ECf
1882	331 22:25:29	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09802:26:001F	00-331/11:18:11	1ESf
1883	331 22:25:29	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		09802:26:002F	00-331/11:18:11	1ECs
1884	331 22:25:29	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09802:26:002F	00-331/11:18:12	1ECd
1885	331 22:25:29	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1463	DTR		09802:26:002F	00-331/11:18:12	1ESd
1886	331 22:26:17	31			SC32AJ	(11) PLS CONFIG CMD VGR-31 OWLT IS 11H 07M 17S	FDS		09802:27:009F	00-331/11:19:00	1ECf
1887	332 00:00:00	31									1L
1888	332 01:45:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8507					1DP
1889	332 02:06:02	31	10 SET			10 DEGREE SET DSC-10					1V
1890	332 07:03:47	31	60RISE			10 DEGREE RISE DSC-60					1V
1891	332 07:13:06	31	40 SET			10 DEGREE SET DSC-40					1V
1892	332 07:39:43	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1893	332 07:39:43	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 A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1894	332 07:40:31	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1895	332 07:40:31	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
1896	332 07:43:07	31				AHELIO PWSREC 13			09814:03:001F	00-331/20:35:47	1T
1897	332 07:43:07	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09814:03:009F	00-331/20:35:48	1ECf
1898	332 07:43:55	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		09814:04:009F	00-331/20:36:36	1ECf
1899	332 07:44:39	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09814:04:735F	00-331/20:37:20	1ECd
1900	332 07:44:39	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:1457	DTR		09814:04:735F	00-331/20:37:20	1ESd
1901	332 07:44:43	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09814:05:001F	00-331/20:37:23	1ESf
1902	332 07:44:43	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		09814:05:002F	00-331/20:37:24	1ECs
1903	332 07:44:44	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		09814:05:026F	00-331/20:37:25	1ECf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1904	332 07:45:31	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09814:06:001F	00-331/20:38:11	1ESf
1905	332 07:45:31	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		09814:06:002F	00-331/20:38:12	1ECs
1906	332 07:45:31	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09814:06:002F	00-331/20:38:12	1ECd
1907	332 07:45:31	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1164	DTR		09814:06:002F	00-331/20:38:12	1ESd
1908	332 07:46:19	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09814:07:009F	00-331/20:39:00	1ECf
1909	332 10:00:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8507 (D/L ONLY)					1DP
1910	332 10:07:55	31				B- UVSLEW			09817:04:001F	00-331/23:00:35	1TB
1911	332 10:07:55	31				SLEW TO HELIO-3B			09817:04:001F	00-331/23:00:35	1T
1912	332 10:07:55	31				B- PLATPOB			09817:04:001F	00-331/23:00:35	1TB
1913	332 10:07:55	31			AC7SPK	(1 12 1 117 129) EL SLEW R=LOW	AACS		09817:04:003F	00-331/23:00:36	1ECa
1914	332 10:07:55	31			AC7SPK	(2 12 2 236 091) AZ SLEW R=LOW	AACS		09817:04:005F	00-331/23:00:36	1ECa
1915	332 10:11:03	31				B- SLEND			09817:07:734F	00-331/23:03:43	1TB
1916	332 10:11:03	31			SLEWEND	AZ=319.987 EL=105.021 CO=109.907			09817:07:734F	00-331/23:03:43	1T
1917	332 12:00:00	31				VGR-31 OWLT IS 11H 07M 20S					1L
1918	332 14:36:16	31	10RISE			10 DEGREE RISE DSC-10					1V
1919	332 15:35:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8508 (D/L ONLY)					1DP
1920	332 16:00:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-8507					1DP

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1921	332 16:59:45	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1922	332 16:59:45	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
1923	332 17:00:33	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1924	332 17:00:33	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
1925	332 17:03:09	31				AHELIO PWSREC 14			09825:43:001F	00-332/05:55:47	1T
1926	332 17:03:09	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09825:43:009F	00-332/05:55:48	1ECf
1927	332 17:03:57	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		09825:44:009F	00-332/05:56:36	1ECf
1928	332 17:04:41	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09825:44:735F	00-332/05:57:20	1ECd
1929	332 17:04:41	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:1157	DTR		09825:44:735F	00-332/05:57:20	1ESd
1930	332 17:04:45	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09825:45:001F	00-332/05:57:23	1ESf
1931	332 17:04:45	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		09825:45:002F	00-332/05:57:24	1ECs

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1932	332 17:04:46	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		09825:45:026F	00-332/05:57:25	1ECf
1933	332 17:05:33	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09825:46:001F	00-332/05:58:11	1ESf
1934	332 17:05:33	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		09825:46:002F	00-332/05:58:11	1ECs
1935	332 17:05:33	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09825:46:002F	00-332/05:58:12	1ECd
1936	332 17:05:33	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:0865	DTR		09825:46:002F	00-332/05:58:12	1ESd
1937	332 17:06:21	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09825:47:009F	00-332/05:59:00	1ECf
1938	332 18:35:53	31	60 SET			10 DEGREE SET DSC-60					1V
1939	332 22:00:09	31	40RISE			10 DEGREE RISE DSC-40					1V
1940	332 22:07:58	31				B- UVSLEW			09832:04:001F	00-332/11:00:35	1TB
1941	332 22:07:58	31				SLEW TO HELIO-4B			09832:04:001F	00-332/11:00:35	1T
1942	332 22:07:58	31				B- PLATPOB			09832:04:001F	00-332/11:00:35	1TB
1943	332 22:07:58	31			AC7SPK	(1 12 2 110 172) EL SLEW R=LOW	AACS		09832:04:003F	00-332/11:00:36	1ECa
1944	332 22:07:58	31			AC7SPL	(2 12 1 255 222) AZ SLEW R=LOW	AACS		09832:04:005F	00-332/11:00:36	1ECa
1945	332 22:10:11	31				B- SLEND			09832:06:618F	00-332/11:02:48	1TB
1946	332 22:10:11	31			SLEWEND	AZ=319.959 EL=115.015 CO=119.877			09832:06:618F	00-332/11:02:48	1T
1947	333 00:00:00	31				VGR-31 OWLT IS 11H 07M 22S					1L

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1948	333 01:30:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8508					1DP
1949	333 02:02:09	31	10 SET			10 DEGREE SET DSC-10					1V
1950	333 02:19:47	31		ACE OPCH		>>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1951	333 02:19:47	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
1952	333 02:20:35	31		ACE OPCH		>>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1953	333 02:20:35	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
1954	333 02:23:11	31				AHELIO PWSREC 15			09837:23:001F	00-332/15:15:47	1T
1955	333 02:23:11	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09837:23:009F	00-332/15:15:48	1ECf
1956	333 02:23:59	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		09837:24:009F	00-332/15:16:36	1ECf
1957	333 02:24:43	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09837:24:735F	00-332/15:17:20	1ECd
1958	333 02:24:43	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:0858	DTR		09837:24:735F	00-332/15:17:20	1ESd
1959	333 02:24:47	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09837:25:001F	00-332/15:17:23	1ESf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1960	333 02:24:47	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		09837:25:002F	00-332/15:17:24	1ECs
1961	333 02:24:48	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		09837:25:026F	00-332/15:17:25	1ECf
1962	333 02:25:35	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09837:26:001F	00-332/15:18:11	1ESf
1963	333 02:25:35	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		09837:26:002F	00-332/15:18:12	1ECs
1964	333 02:25:35	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09837:26:002F	00-332/15:18:12	1ECd
1965	333 02:25:35	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:0566	DTR		09837:26:002F	00-332/15:18:12	1ESd
1966	333 02:26:23	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09837:27:009F	00-332/15:19:00	1ECf
1967	333 06:59:55	31	60RISE			10 DEGREE RISE DSC-60					1V
1968	333 07:09:14	31	40 SET			10 DEGREE SET DSC-40					1V
1969	333 10:08:01	31				B- UVSLEW			09847:04:001F	00-332/23:00:35	1TB
1970	333 10:08:01	31				SLEW TO HELIO-5B			09847:04:001F	00-332/23:00:35	1T
1971	333 10:08:01	31				B- PLATPOA			09847:04:001F	00-332/23:00:35	1TB
1972	333 10:08:01	31			AC7SPK	(1 12 2 103 083) EL SLEW R=LOW	AACS		09847:04:003F	00-332/23:00:36	1ECa
1973	333 10:10:09	31				B- SLEND			09847:06:534F	00-332/23:02:43	1TB

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1974	333 10:10:09	31			SLEWEND	AZ=319.959 EL=125.012 CO=129.847			09847:06:534F	00-332/23:02:43	1T
1975	333 11:39:49	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1976	333 11:39:49	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
1977	333 11:40:37	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1978	333 11:40:37	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
1979	333 11:43:13	31				AHELIO PWSREC 16			09849:03:001F	00-333/00:35:47	1T
1980	333 11:43:13	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09849:03:009F	00-333/00:35:48	1ECf
1981	333 11:44:01	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		09849:04:009F	00-333/00:36:36	1ECf
1982	333 11:44:45	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09849:04:735F	00-333/00:37:20	1ECd
1983	333 11:44:45	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:0559	DTR		09849:04:735F	00-333/00:37:20	1ESd
1984	333 11:44:49	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE -----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09849:05:001F	00-333/00:37:23	1ESf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1985	333 11:44:49	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		09849:05:002F	00-333/00:37:24	1ECs
1986	333 11:44:50	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		09849:05:026F	00-333/00:37:25	1ECf
1987	333 11:45:37	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09849:06:001F	00-333/00:38:11	1ESf
1988	333 11:45:37	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		09849:06:002F	00-333/00:38:11	1ECs
1989	333 11:45:37	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09849:06:002F	00-333/00:38:12	1ECd
1990	333 11:45:37	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:0267	DTR		09849:06:002F	00-333/00:38:12	1ESd
1991	333 11:46:25	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09849:07:009F	00-333/00:39:00	1ECf
1992	333 11:47:13	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		09849:08:002F	00-333/00:39:48	1ECd
1993	333 11:47:13	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0260	DTR		09849:08:002F	00-333/00:39:48	1ESd
1994	333 12:00:00	31				VGR-31 OWLT IS 11H 07M 25S					1L
1995	333 12:56:02	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09850:34:018F	00-333/01:48:36	1ECd

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2013	334 01:24:04	31				BEGIN PWSREC.31			09866:09:001F	00-333/14:16:35	1T
2014	334 01:24:04	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09866:09:009F	00-333/14:16:36	1ECf
2015	334 01:24:52	31				B- DRGS4B			09866:10:001F	00-333/14:17:23	1TB
2016	334 01:24:52	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		09866:10:009F	00-333/14:17:24	1ECf
2017	334 01:25:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8509					1DP
2018	334 01:25:36	31				BEGIN RECORDING PWS DATA			09866:10:734F	00-333/14:18:07	1T
2019	334 01:25:36	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09866:10:735F	00-333/14:18:08	1ECd
2020	334 01:25:36	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:1747	DTR		09866:10:735F	00-333/14:18:08	1ESd
2021	334 01:25:40	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09866:11:001F	00-333/14:18:11	1ESf
2022	334 01:25:40	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		09866:11:002F	00-333/14:18:11	1ECs
2023	334 01:25:41	31				B- DRCRUS			09866:11:018F	00-333/14:18:12	1TB
2024	334 01:25:41	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		09866:11:026F	00-333/14:18:13	1ECf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2025	334 01:26:28	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09866:12:001F	00-333/14:18:59	1ESf
2026	334 01:26:28	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		09866:12:002F	00-333/14:18:59	1ECs
2027	334 01:26:28	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09866:12:002F	00-333/14:19:00	1ECd
2028	334 01:26:28	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2039	DTR		09866:12:002F	00-333/14:19:00	1ESd
2029	334 01:27:16	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09866:13:009F	00-333/14:19:48	1ECf
2030	334 01:27:17	31				END PWSREC.31			09866:13:018F	00-333/14:19:48	1T
2031	334 01:58:16	31	10 SET			10 DEGREE SET DSC-10					1V
2032	334 06:56:02	31	60RISE			10 DEGREE RISE DSC-60					1V
2033	334 07:05:22	31	40 SET			10 DEGREE SET DSC-40					1V
2034	334 10:08:06	31				B- UVSLEW			09877:04:001F	00-333/23:00:35	1TB
2035	334 10:08:06	31				SLEW TO HELIO-7B			09877:04:001F	00-333/23:00:35	1T
2036	334 10:08:06	31				B- PLATPOA			09877:04:001F	00-333/23:00:35	1TB
2037	334 10:08:06	31			AC7SPK	(1 12 2 088 100) EL SLEW R=LOW	AACS		09877:04:003F	00-333/23:00:36	1ECa
2038	334 10:10:50	31				B- SLEND			09877:07:334F	00-333/23:03:19	1TB
2039	334 10:10:50	31			SLEWEND	AZ=319.959 EL=147.006 CO=151.691			09877:07:334F	00-333/23:03:19	1T
2040	334 12:00:00	31				VGR-31 OWLT IS 11H 07M 31S					1L
2041	334 12:07:19	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		09879:33:002F	00-334/00:59:48	1ECd

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2055	334 15:12:07	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		09883:24:009F	00-334/04:04:36	1ECf
2056	334 15:12:51	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09883:24:735F	00-334/04:05:20	1ECd
2057	334 15:12:51	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:3550	DTR		09883:24:735F	00-334/04:05:20	1ESd
2058	334 15:12:55	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09883:25:001F	00-334/04:05:23	1ESf
2059	334 15:12:55	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		09883:25:002F	00-334/04:05:24	1ECs
2060	334 15:12:56	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		09883:25:026F	00-334/04:05:25	1ECf
2061	334 15:13:43	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09883:26:001F	00-334/04:06:11	1ESf
2062	334 15:13:43	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		09883:26:002F	00-334/04:06:11	1ECs
2063	334 15:13:43	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09883:26:002F	00-334/04:06:12	1ECd

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2064	334 15:13:43	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:3257	DTR		09883:26:002F	00-334/04:06:12	1ESd
2065	334 15:14:31	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09883:27:009F	00-334/04:07:00	1ECf
2066	334 17:40:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8510 (D/L ONLY)					1DP
2067	334 18:00:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8509					1DP
2068	334 18:28:06	31	60 SET			10 DEGREE SET DSC-60					1V
2069	334 20:00:56	31				B- MEMUPD			09889:25:001F	00-334/08:53:23	1TB
2070	334 20:00:56	31				MEMUPD - DIS AHELIO			09889:25:001F	00-334/08:53:23	1T
2071	334 21:52:23	31	40RISE			10 DEGREE RISE DSC-40					1V
2072	334 22:08:09	31				B- UVSLEW			09892:04:001F	00-334/11:00:35	1TB
2073	334 22:08:09	31				SLEW TO HELIO-8B			09892:04:001F	00-334/11:00:35	1T
2074	334 22:08:09	31				B- PLATPOA			09892:04:001F	00-334/11:00:35	1TB
2075	334 22:08:09	31			AC7SPK	(1 12 2 082 047) EL SLEW R=LOW	AACS		09892:04:003F	00-334/11:00:36	1ECa
2076	334 22:10:05	31				B- SLEND			09892:06:334F	00-334/11:02:31	1TB
2077	334 22:10:05	31			SLEWEND	AZ=319.959 EL=156.010 CO=160.530			09892:06:334F	00-334/11:02:31	1T
2078	335 00:00:00	31				VGR-31 OWLT IS 11H 07M 33S					1L
2079	335 00:27:57	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2080	335 00:27:57	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
2081	335 00:28:45	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2082	335 00:28:45	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
2083	335 00:31:21	31				AHELIO PWSREC 18			09895:03:001F	00-334/13:23:47	1T
2084	335 00:31:21	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09895:03:009F	00-334/13:23:48	1ECF
2085	335 00:32:09	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		09895:04:009F	00-334/13:24:36	1ECF
2086	335 00:32:53	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09895:04:735F	00-334/13:25:20	1ECD
2087	335 00:32:53	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:3251	DTR		09895:04:735F	00-334/13:25:20	1ESd
2088	335 00:32:57	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09895:05:001F	00-334/13:25:23	1ESF
2089	335 00:32:57	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		09895:05:002F	00-334/13:25:24	1ECs
2090	335 00:32:58	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		09895:05:026F	00-334/13:25:25	1ECf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2091	335 00:33:45	31		ACE OPCH			FDS	CR-5T	09895:06:001F	00-334/13:26:11	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
2092	335 00:33:45	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		09895:06:002F	00-334/13:26:11	1ECs
2093	335 00:33:45	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09895:06:002F	00-334/13:26:12	1ECd
2094	335 00:33:45	31					DTR		09895:06:002F	00-334/13:26:12	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2958					
2095	335 00:34:33	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09895:07:009F	00-334/13:27:00	1ECf
2096	335 01:20:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8510					1DP
2097	335 01:54:23	31	10 SET			10 DEGREE SET DSC-10					1V
2098	335 03:12:10	31			AC7SSB	(4 +159) SS BIAS CONTROL --- YAW	AACS		09898:24:002F	00-334/16:04:36	1ECa
2099	335 06:52:10	31	60RISE			10 DEGREE RISE DSC-60					1V
2100	335 07:01:29	31	40 SET			10 DEGREE SET DSC-40					1V
2101	335 09:45:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8510 (D/L ONLY)					1DP
2102	335 09:47:59	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2103	335 09:47:59	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
2104	335 09:48:47	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2105	335 09:48:47	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
2106	335 09:51:23	31				AHELIO PWSREC 19			09906:43:001F	00-334/22:43:47	1T
2107	335 09:51:23	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09906:43:009F	00-334/22:43:48	1ECF
2108	335 09:52:11	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		09906:44:009F	00-334/22:44:36	1ECF
2109	335 09:52:55	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09906:44:735F	00-334/22:45:20	1ECd
2110	335 09:52:55	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:2951	DTR		09906:44:735F	00-334/22:45:20	1ESd
2111	335 09:52:59	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE -----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09906:45:001F	00-334/22:45:23	1ESf
2112	335 09:52:59	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		09906:45:002F	00-334/22:45:23	1ECs
2113	335 09:53:00	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		09906:45:026F	00-334/22:45:25	1ECf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2114	335 09:53:47	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09906:46:001F	00-334/22:46:11	1ESf
2115	335 09:53:47	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		09906:46:002F	00-334/22:46:11	1ECs
2116	335 09:53:47	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09906:46:002F	00-334/22:46:12	1ECd
2117	335 09:53:47	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2659	DTR		09906:46:002F	00-334/22:46:12	1ESd
2118	335 09:54:35	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09906:47:009F	00-334/22:47:00	1ECf
2119	335 10:08:11	31				B- UVSLEW			09907:04:001F	00-334/23:00:35	1TB
2120	335 10:08:11	31				SLEW TO HELIO-9B			09907:04:001F	00-334/23:00:35	1T
2121	335 10:08:11	31				B- PLATPOA			09907:04:001F	00-334/23:00:35	1TB
2122	335 10:08:11	31			AC7SPK	(1 12 1 075 125) EL SLEW R=LOW	AACS		09907:04:003F	00-334/23:00:36	1ECa
2123	335 10:10:07	31				B- SLEND			09907:06:334F	00-334/23:02:31	1TB
2124	335 10:10:07	31			SLEWEND	AZ=319.959 EL=165.030 CO=169.106			09907:06:334F	00-334/23:02:31	1T
2125	335 12:00:00	31				VGR-31 OWLT IS 11H 07M 36S					1L
2126	335 14:24:39	31	10RISE			10 DEGREE RISE DSC-10					1V
2127	335 14:30:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-8510					1DP
2128	335 18:24:13	31	60 SET			10 DEGREE SET DSC-60					1V
2129	335 19:08:01	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2130	335 19:08:01	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
2131	335 19:08:49	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
2132	335 19:08:49	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
2133	335 19:11:25	31				AHELIO PWSREC 20			09918:23:001F	00-335/08:03:47	1T
2134	335 19:11:25	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09918:23:009F	00-335/08:03:48	1ECF
2135	335 19:12:13	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACRS READOUT MODE : TELEMETRY	FDS		09918:24:009F	00-335/08:04:36	1ECF
2136	335 19:12:57	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09918:24:735F	00-335/08:05:20	1ECd
2137	335 19:12:57	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:2652	DTR		09918:24:735F	00-335/08:05:20	1ESd
2138	335 19:13:01	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE -----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09918:25:001F	00-335/08:05:23	1ESF
2139	335 19:13:01	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		09918:25:002F	00-335/08:05:24	1ECs

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2140	335 19:13:02	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		09918:25:026F	00-335/08:05:25	1ECf
2141	335 19:13:49	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09918:26:001F	00-335/08:06:11	1ESf
2142	335 19:13:49	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		09918:26:002F	00-335/08:06:11	1ECs
2143	335 19:13:49	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09918:26:002F	00-335/08:06:12	1ECd
2144	335 19:13:49	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2360	DTR		09918:26:002F	00-335/08:06:12	1ESd
2145	335 19:14:37	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09918:27:009F	00-335/08:07:00	1ECf
2146	335 21:48:30	31	40RISE			10 DEGREE RISE DSC-40					1V
2147	335 22:08:14	31				B- UVSLEW			09922:04:001F	00-335/11:00:35	1TB
2148	335 22:08:14	31				SLEW TO HELIO-10B			09922:04:001F	00-335/11:00:35	1T
2149	335 22:08:14	31				B- PLATPOA			09922:04:001F	00-335/11:00:35	1TB
2150	335 22:08:14	31			AC7SPK	(1 12 1 068 036) EL SLEW R=LOW	AACS		09922:04:003F	00-335/11:00:36	1ECa
2151	335 22:10:22	31				B- SLEND			09922:06:534F	00-335/11:02:43	1TB
2152	335 22:10:22	31			SLEWEND	AZ=319.959 EL=175.032 CO=175.784			09922:06:534F	00-335/11:02:43	1T
2153	336 00:00:00	31				VGR-31 OWLT IS 11H 07M 38S					1L
2154	336 00:46:39	31			AC7SSB	(3 +011) SS BIAS CONTROL - PITCH	AACS		09925:22:003F	00-335/13:39:00	1ECa
2155	336 01:50:30	31	10 SET			10 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT 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	336 04:28:03	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2157	336 04:28:03	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
2158	336 04:28:51	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2159	336 04:28:51	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
2160	336 04:31:27	31				AHELIO PWSREC 21			09930:03:001F	00-335/17:23:47	1T
2161	336 04:31:27	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09930:03:009F	00-335/17:23:48	1ECf
2162	336 04:32:15	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		09930:04:009F	00-335/17:24:36	1ECf
2163	336 04:32:59	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09930:04:735F	00-335/17:25:20	1ECd
2164	336 04:32:59	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:2353	DTR		09930:04:735F	00-335/17:25:20	1ESd
2165	336 04:33:03	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE -----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09930:05:001F	00-335/17:25:23	1ESf
2166	336 04:33:03	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		09930:05:002F	00-335/17:25:23	1ECs

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2167	336 04:33:04	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		09930:05:026F	00-335/17:25:25	1ECf
2168	336 04:33:51	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09930:06:001F	00-335/17:26:11	1ESf
2169	336 04:33:51	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		09930:06:002F	00-335/17:26:11	1ECs
2170	336 04:33:51	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09930:06:002F	00-335/17:26:12	1ECd
2171	336 04:33:51	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2061	DTR		09930:06:002F	00-335/17:26:12	1ESd
2172	336 04:34:39	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09930:07:009F	00-335/17:27:00	1ECf
2173	336 06:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8511 (D/L ONLY)					1DP
2174	336 06:48:18	31	60RISE			10 DEGREE RISE DSC-60					1V
2175	336 06:57:37	31	40 SET			10 DEGREE SET DSC-40					1V
2176	336 10:08:17	31				B- UVSLEW			09937:04:001F	00-335/23:00:35	1TB
2177	336 10:08:17	31				SLEW TO MIDPNT-B			09937:04:001F	00-335/23:00:35	1T
2178	336 10:08:17	31				B- PLATPOB			09937:04:001F	00-335/23:00:35	1TB
2179	336 10:08:17	31			AC7SPK	(1 12 1 093 214) EL SLEW R=LOW	AACS		09937:04:003F	00-335/23:00:36	1ECa
2180	336 10:08:17	31			AC7SPK	(2 12 1 165 129) AZ SLEW R=LOW	AACS		09937:04:005F	00-335/23:00:36	1ECa
2181	336 10:35:49	31				B- SLEND			09937:38:334F	00-335/23:28:07	1TB
2182	336 10:35:49	31			SLEWEND	AZ=219.984 EL=140.021 CO=134.810			09937:38:334F	00-335/23:28:07	1T

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2194	336 13:57:05	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09941:50:002F	00-336/02:49:24	1ECs
2195	336 13:57:06	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		09941:50:026F	00-336/02:49:25	1ECf
2196	336 13:57:53	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09941:51:001F	00-336/02:50:11	1ESf
2197	336 13:57:53	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09941:51:002F	00-336/02:50:11	1ECs
2198	336 13:57:53	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09941:51:002F	00-336/02:50:12	1ECd
2199	336 13:57:53	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1762	DTR		09941:51:002F	00-336/02:50:12	1ESd
2200	336 13:58:41	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09941:52:009F	00-336/02:51:00	1ECf
2201	336 14:05:00	31	14	OPCH	14	== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
2202	336 14:05:00	31	14	OPCH	14	== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
2203	336 14:05:00	31	14	AO	OPCH ACE	AOS DSS-14 PASS-8512 (U/L PASS)					1DP

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2204	336 14:06:00	31	14	OPCH 14		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
2205	336 14:07:00	31	14	OPCH 14		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
2206	336 14:20:46	31	10RISE			10 DEGREE RISE DSC-10					1V
2207	336 14:25:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8511					1DP
2208	336 14:32:00	31	14	OPCH 14		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
2209	336 18:10:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8512					1DP
2210	336 18:20:20	31	60 SET			10 DEGREE SET DSC-60					1V
2211	336 21:44:37	31	40RISE			10 DEGREE RISE DSC-40					1V
2212	336 23:12:07	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2213	336 23:12:07	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
2214	336 23:12:55	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2215	336 23:12:55	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
2216	336 23:15:31	31				AHELIO PWSREC 23			09953:28:001F	00-336/12:07:47	1T

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2217	336 23:15:31	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09953:28:009F	00-336/12:07:48	1ECf
2218	336 23:16:19	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		09953:29:009F	00-336/12:08:36	1ECf
2219	336 23:17:03	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09953:29:735F	00-336/12:09:20	1ECd
2220	336 23:17:03	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:1755	DTR		09953:29:735F	00-336/12:09:20	1ESd
2221	336 23:17:07	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09953:30:001F	00-336/12:09:23	1ESf
2222	336 23:17:07	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		09953:30:002F	00-336/12:09:24	1ECs
2223	336 23:17:08	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		09953:30:026F	00-336/12:09:25	1ECf
2224	336 23:17:55	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09953:31:001F	00-336/12:10:11	1ESf
2225	336 23:17:55	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09953:31:002F	00-336/12:10:11	1ECs

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2226	336 23:17:55	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09953:31:002F	00-336/12:10:12	1ECd
2227	336 23:17:55	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1463	DTR	09953:31:002F	00-336/12:10:12	1ESd	
2228	336 23:18:43	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09953:32:009F	00-336/12:11:00	1ECf
2229	337 00:00:00	31				VGR-31 OWLT IS 11H 07M 44S					1L
2230	337 01:46:37	31	10	SET		10 DEGREE SET DSC-10					1V
2231	337 06:44:25	31	60	RISE		10 DEGREE RISE DSC-60					1V
2232	337 06:53:45	31	40	SET		10 DEGREE SET DSC-40					1V
2233	337 08:32:09	31		ACE	OPCH	>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2234	337 08:32:09	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
2235	337 08:32:57	31		ACE	OPCH	>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2236	337 08:32:57	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
2237	337 08:35:33	31				AHELIO PWSREC 24			09965:08:001F	00-336/21:27:47	1T
2238	337 08:35:33	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09965:08:009F	00-336/21:27:48	1ECf
2239	337 08:36:21	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	09965:09:009F	00-336/21:28:36	1ECf	
2240	337 08:37:05	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09965:09:735F	00-336/21:29:20	1ECd

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2241	337 08:37:05	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:1456	DTR		09965:09:735F	00-336/21:29:20	1ESd
2242	337 08:37:09	31		ACE	OPCH	FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09965:10:001F	00-336/21:29:23	1ESf
2243	337 08:37:09	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		09965:10:002F	00-336/21:29:23	1ECs
2244	337 08:37:10	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		09965:10:026F	00-336/21:29:25	1ECf
2245	337 08:37:57	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09965:11:001F	00-336/21:30:11	1ESf
2246	337 08:37:57	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		09965:11:002F	00-336/21:30:11	1ECs
2247	337 08:37:57	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09965:11:002F	00-336/21:30:12	1ECd
2248	337 08:37:57	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1163	DTR		09965:11:002F	00-336/21:30:12	1ESd
2249	337 08:38:45	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09965:12:009F	00-336/21:31:00	1ECf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2250	337 10:08:22	31				B- UVSLEW			09967:04:001F	00-336/23:00:35	1TB
2251	337 10:08:22	31				SLEW TO HELIO-11B			09967:04:001F	00-336/23:00:35	1T
2252	337 10:08:22	31				B- PLATPOB			09967:04:001F	00-336/23:00:35	1TB
2253	337 10:08:22	31			AC7SPK	(2 12 2 098 079) AZ SLEW R=LOW	AACS		09967:04:003F	00-336/23:00:36	1ECa
2254	337 10:08:22	31			AC7SPK	(1 12 2 068 132) EL SLEW R=LOW	AACS		09967:04:005F	00-336/23:00:36	1ECa
2255	337 10:25:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8512 (D/L ONLY)					1DP
2256	337 10:35:00	31				B- SLEND			09967:37:234F	00-336/23:27:13	1TB
2257	337 10:35:00	31			SLEWEND	AZ=125.000 EL=176.032 CO=170.613			09967:37:234F	00-336/23:27:13	1T
2258	337 12:00:00	31				VGR-31 OWLT IS 11H 07M 46S					1L
2259	337 12:15:34	31				B- RFSTLC			09969:43:001F	00-337/01:07:47	1TB
2260	337 12:47:32	31	63	OPCH 63		== START TLC TEST DOWN-LINK ==					1TD
2261	337 13:48:32	31	63	OPCH 63		== END TLC TEST DOWN-LINK ==					1TD
2262	337 14:16:54	31	10RISE			10 DEGREE RISE DSC-10					1V
2263	337 17:52:11	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2264	337 17:52:11	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
2265	337 17:52:59	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2266	337 17:52:59	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

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2267	337 17:55:35	31				AHELIO PWSREC 25			09976:48:001F	00-337/06:47:47	1T
2268	337 17:55:35	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09976:48:009F	00-337/06:47:48	1ECf
2269	337 17:56:23	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		09976:49:009F	00-337/06:48:36	1ECf
2270	337 17:57:07	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09976:49:735F	00-337/06:49:20	1ECd
2271	337 17:57:07	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:1157	DTR		09976:49:735F	00-337/06:49:20	1ESd
2272	337 17:57:11	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09976:50:001F	00-337/06:49:23	1ESf
2273	337 17:57:11	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		09976:50:002F	00-337/06:49:24	1ECs
2274	337 17:57:12	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		09976:50:026F	00-337/06:49:25	1ECf
2275	337 17:57:59	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09976:51:001F	00-337/06:50:11	1ESf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2276	337 17:57:59	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		09976:51:002F	00-337/06:50:11	1ECs
2277	337 17:57:59	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09976:51:002F	00-337/06:50:12	1ECd
2278	337 17:57:59	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0864	DTR		09976:51:002F	00-337/06:50:12	1ESd
2279	337 17:58:47	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09976:52:009F	00-337/06:51:00	1ECf
2280	337 18:15:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8512					1DP
2281	337 18:16:27	31	60 SET			10 DEGREE SET DSC-60					1V
2282	337 21:40:44	31	40RISE			10 DEGREE RISE DSC-40					1V
2283	337 21:45:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8513 (D/L ONLY)					1DP
2284	337 21:48:24	31			AC7SSB	(4 +160) SS BIAS CONTROL --- YAW	AACS		09981:39:003F	00-337/10:40:36	1ECa
2285	337 22:08:24	31				B- UVSLEW			09982:04:001F	00-337/11:00:35	1TB
2286	337 22:08:24	31				SLEW TO HELIO-12B			09982:04:001F	00-337/11:00:35	1T
2287	337 22:08:24	31				B- PLATPOA			09982:04:001F	00-337/11:00:35	1TB
2288	337 22:08:24	31			AC7SPK	(1 12 1 076 107) EL SLEW R=LOW	AACS		09982:04:003F	00-337/11:00:36	1ECa
2289	337 22:10:43	31				B- SLEND			09982:06:718F	00-337/11:02:54	1TB
2290	337 22:10:43	31			SLEWEND	AZ=125.000 EL=165.546 CO=161.046			09982:06:718F	00-337/11:02:54	1T
2291	338 00:00:00	31				VGR-31 OWLT IS 11H 07M 49S					1L
2292	338 01:10:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8513					1DP
2293	338 01:42:44	31	10 SET			10 DEGREE SET DSC-10					1V
2294	338 03:12:13	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2295	338 03:12:13	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
2296	338 03:13:01	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
2297	338 03:13:01	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
2298	338 03:15:37	31				AHELIO PWSREC 26			09988:28:001F	00-337/16:07:47	1T
2299	338 03:15:37	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09988:28:009F	00-337/16:07:48	1ECF
2300	338 03:16:25	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		09988:29:009F	00-337/16:08:36	1ECF
2301	338 03:17:09	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09988:29:735F	00-337/16:09:20	1ECd
2302	338 03:17:09	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:0858	DTR		09988:29:735F	00-337/16:09:20	1ESd
2303	338 03:17:13	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09988:30:001F	00-337/16:09:23	1ESF
2304	338 03:17:13	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		09988:30:002F	00-337/16:09:24	1ECs

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2305	338 03:17:14	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		09988:30:026F	00-337/16:09:25	1ECf
2306	338 03:18:01	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09988:31:001F	00-337/16:10:11	1ESf
2307	338 03:18:01	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		09988:31:002F	00-337/16:10:11	1ECs
2308	338 03:18:01	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09988:31:002F	00-337/16:10:12	1ECd
2309	338 03:18:01	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0565	DTR		09988:31:002F	00-337/16:10:12	1ESd
2310	338 03:18:49	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09988:32:009F	00-337/16:11:00	1ECf
2311	338 06:20:00	31	63 AO	OPCH	ACE	AOS DSS-63 PASS-8513 (D/L ONLY)					1DP
2312	338 06:40:33	31	60RISE			10 DEGREE RISE DSC-60					1V
2313	338 06:49:52	31	40 SET			10 DEGREE SET DSC-40					1V
2314	338 10:08:27	31				B- UVSLEW			09997:04:001F	00-337/23:00:35	1TB
2315	338 10:08:27	31				SLEW TO HELIO-13B			09997:04:001F	00-337/23:00:35	1T
2316	338 10:08:27	31				B- PLATPOA			09997:04:001F	00-337/23:00:35	1TB
2317	338 10:08:27	31			AC7SPK	(1 12 2 084 117) EL SLEW R=LOW	AACS		09997:04:003F	00-337/23:00:36	1ECa
2318	338 10:10:53	31				B- SLEND			09997:07:034F	00-337/23:03:01	1TB
2319	338 10:10:53	31			SLEWEND	AZ=125.000 EL=154.029 CO=149.858			09997:07:034F	00-337/23:03:01	1T
2320	338 11:25:00	31	63 LO	OPCH	ACE	LOS DSS-63 PASS-8513					1DP

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2321	338 12:00:00	31				VGR-31 OWLT IS 11H 07M 51S					1L
2322	338 12:32:15	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2323	338 12:32:15	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
2324	338 12:33:03	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2325	338 12:33:03	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
2326	338 12:35:39	31				AHELIO PWSREC 27			10000:08:001F	00-338/01:27:47	1T
2327	338 12:35:39	31			SC32AJ	(10) PLS CONFIG CMD	FDS		10000:08:009F	00-338/01:27:48	1ECf
2328	338 12:36:27	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		10000:09:009F	00-338/01:28:36	1ECf
2329	338 12:37:11	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		10000:09:735F	00-338/01:29:20	1ECd
2330	338 12:37:11	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:0558	DTR		10000:09:735F	00-338/01:29:20	1ESd
2331	338 12:37:15	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	10000:10:001F	00-338/01:29:23	1ESf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2332	338 12:37:15	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		10000:10:002F	00-338/01:29:24	1ECs
2333	338 12:37:16	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		10000:10:026F	00-338/01:29:25	1ECf
2334	338 12:38:03	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10000:11:001F	00-338/01:30:11	1ESf
2335	338 12:38:03	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		10000:11:002F	00-338/01:30:11	1ECs
2336	338 12:38:03	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10000:11:002F	00-338/01:30:12	1ECd
2337	338 12:38:03	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0266	DTR		10000:11:002F	00-338/01:30:12	1ESd
2338	338 12:38:51	31			SC32AJ	(11) PLS CONFIG CMD	FDS		10000:12:009F	00-338/01:31:00	1ECf
2339	338 14:13:02	31	10RISE			10 DEGREE RISE DSC-10					1V
2340	338 16:45:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8514 (D/L ONLY)					1DP
2341	338 18:12:34	31	60 SET			10 DEGREE SET DSC-60					1V
2342	338 21:36:51	31	40RISE			10 DEGREE RISE DSC-40					1V
2343	338 21:55:41	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		10011:48:002F	00-338/10:47:48	1ECd

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2344	338 21:55:41	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:0259	DTR		10011:48:002F	00-338/10:47:48	1ESd
2345	338 21:56:17	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2346	338 21:56:17	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
2347	338 21:57:05	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2348	338 21:57:05	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
2349	338 21:59:41	31				AHELIO PWSREC 28			10011:53:001F	00-338/10:51:47	1T
2350	338 21:59:41	31			SC32AJ	(10) PLS CONFIG CMD	FDS		10011:53:009F	00-338/10:51:48	1ECf
2351	338 22:00:29	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		10011:54:009F	00-338/10:52:36	1ECf
2352	338 22:01:13	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		10011:54:735F	00-338/10:53:20	1ECd
2353	338 22:01:13	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:0259	DTR		10011:54:735F	00-338/10:53:20	1ESd

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2354	338 22:01:17	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	10011:55:001F	00-338/10:53:23	1ESf
2355	338 22:01:17	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		10011:55:002F	00-338/10:53:24	1ECs
2356	338 22:01:18	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		10011:55:026F	00-338/10:53:25	1ECf
2357	338 22:02:05	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10011:56:001F	00-338/10:54:11	1ESf
2358	338 22:02:05	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		10011:56:002F	00-338/10:54:11	1ECs
2359	338 22:02:05	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10011:56:002F	00-338/10:54:12	1ECd
2360	338 22:02:05	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:0552	DTR		10011:56:002F	00-338/10:54:12	1ESd
2361	338 22:02:53	31			SC32AJ	(11) PLS CONFIG CMD	FDS		10011:57:009F	00-338/10:55:00	1ECf
2362	338 22:08:29	31				B- UVSLEW			10012:04:001F	00-338/11:00:35	1TB
2363	338 22:08:29	31				SLEW TO HELIO-14B			10012:04:001F	00-338/11:00:35	1T
2364	338 22:08:29	31				B- PLATPOA			10012:04:001F	00-338/11:00:35	1TB

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2365	338 22:08:29	31			AC7SPK	(1 12 2 090 170) EL SLEW R=LOW	AACS		10012:04:003F	00-338/11:00:36	1ECa
2366	338 22:10:25	31				B- SLEND			10012:06:334F	00-338/11:02:31	1TB
2367	338 22:10:25	31			SLEWEND	AZ=125.000 EL=145.017 CO=140.980			10012:06:334F	00-338/11:02:31	1T
2368	339 00:00:00	31				VGR-31 OWLT IS 11H 07M 53S					1L
2369	339 01:35:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8514					1DP
2370	339 01:38:51	31	10 SET			10 DEGREE SET DSC-10					1V
2371	339 06:36:41	31	60RISE			10 DEGREE RISE DSC-60					1V
2372	339 06:40:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8514 (D/L ONLY)					1DP
2373	339 06:46:00	31	40 SET			10 DEGREE SET DSC-40					1V
2374	339 07:16:19	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2375	339 07:16:19	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
2376	339 07:17:07	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2377	339 07:17:07	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
2378	339 07:19:43	31				AHELIO PWSREC 29			10023:33:001F	00-338/20:11:47	1T
2379	339 07:19:43	31			SC32AJ	(10) PLS CONFIG CMD	FDS		10023:33:009F	00-338/20:11:48	1ECf
2380	339 07:20:31	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		10023:34:009F	00-338/20:12:36	1ECf
2381	339 07:21:15	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		10023:34:735F	00-338/20:13:20	1ECd

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2382	339 07:21:15	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:0558	DTR		10023:34:735F	00-338/20:13:20	1ESd
2383	339 07:21:19	31		ACE	OPCH	FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	10023:35:001F	00-338/20:13:23	1ESf
2384	339 07:21:19	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		10023:35:002F	00-338/20:13:23	1ECs
2385	339 07:21:20	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		10023:35:026F	00-338/20:13:25	1ECf
2386	339 07:22:07	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10023:36:001F	00-338/20:14:11	1ESf
2387	339 07:22:07	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		10023:36:002F	00-338/20:14:11	1ECs
2388	339 07:22:07	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10023:36:002F	00-338/20:14:12	1ECd
2389	339 07:22:07	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:0851	DTR		10023:36:002F	00-338/20:14:12	1ESd
2390	339 07:22:55	31			SC32AJ	(11) PLS CONFIG CMD	FDS		10023:37:009F	00-338/20:15:00	1ECf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2391	339 10:08:31	31				B- UVSLEW			10027:04:001F	00-338/23:00:35	1TB
2392	339 10:08:31	31				SLEW TO HELIO-15B			10027:04:001F	00-338/23:00:35	1T
2393	339 10:08:31	31				B- PLATPOA			10027:04:001F	00-338/23:00:35	1TB
2394	339 10:08:31	31			AC7SPK	(1 12 1 097 126) EL SLEW R=LOW	AACS		10027:04:003F	00-338/23:00:36	1ECa
2395	339 10:10:39	31				B- SLEND			10027:06:534F	00-338/23:02:43	1TB
2396	339 10:10:39	31			SLEWEND	AZ=125.000 EL=135.021 CO=131.075			10027:06:534F	00-338/23:02:43	1T
2397	339 11:25:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8514					1DP
2398	339 12:00:00	31				VGR-31 OWLT IS 11H 07M 56S					1L
2399	339 14:09:09	31	10RISE			10 DEGREE RISE DSC-10					1V
2400	339 16:36:21	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2401	339 16:36:21	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
2402	339 16:37:09	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2403	339 16:37:09	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
2404	339 16:39:45	31				AHELIO PWSREC 30			10035:13:001F	00-339/05:31:47	1T
2405	339 16:39:45	31			SC32AJ	(10) PLS CONFIG CMD	FDS		10035:13:009F	00-339/05:31:48	1ECf
2406	339 16:40:33	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		10035:14:009F	00-339/05:32:36	1ECf
2407	339 16:41:17	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		10035:14:735F	00-339/05:33:20	1ECd

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2408	339 16:41:17	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:0858	DTR		10035:14:735F	00-339/05:33:20	1ESd
2409	339 16:41:21	31		ACE	OPCH	FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	10035:15:001F	00-339/05:33:23	1ESf
2410	339 16:41:21	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		10035:15:002F	00-339/05:33:24	1ECs
2411	339 16:41:22	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		10035:15:026F	00-339/05:33:25	1ECf
2412	339 16:42:09	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10035:16:001F	00-339/05:34:11	1ESf
2413	339 16:42:09	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		10035:16:002F	00-339/05:34:11	1ECs
2414	339 16:42:09	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10035:16:002F	00-339/05:34:12	1ECd
2415	339 16:42:09	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1150	DTR		10035:16:002F	00-339/05:34:12	1ESd
2416	339 16:42:57	31			SC32AJ	(11) PLS CONFIG CMD	FDS		10035:17:009F	00-339/05:35:00	1ECf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2417	339 16:45:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8515 (D/L ONLY)					1DP
2418	339 16:45:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8515 (D/L ONLY)					1DP
2419	339 16:45:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8515 (D/L ONLY)					1DP
2420	339 18:08:42	31	60 SET			10 DEGREE SET DSC-60					1V
2421	339 21:32:58	31	40RISE			10 DEGREE RISE DSC-40					1V
2422	339 22:08:34	31				B- UVSLEW			10042:04:001F	00-339/11:00:35	1TB
2423	339 22:08:34	31				SLEW TO HELIO-16B			10042:04:001F	00-339/11:00:35	1T
2424	339 22:08:34	31				B- PLATPOA			10042:04:001F	00-339/11:00:35	1TB
2425	339 22:08:34	31			AC7SPK	(1 12 2 111 206) EL SLEW R=LOW	AACS		10042:04:003F	00-339/11:00:36	1ECa
2426	339 22:12:54	31				B- SLEND			10042:09:334F	00-339/11:04:55	1TB
2427	339 22:12:54	31			SLEWEND	AZ=125.000 EL=114.058 CO=110.212			10042:09:334F	00-339/11:04:55	1T
2428	339 22:25:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8515 (D/L ONLY)					1DP
2429	339 22:25:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8515 (D/L ONLY)					1DP
2430	339 22:25:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8515 (D/L ONLY)					1DP
2431	339 22:45:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8515					1DP
2432	339 22:45:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8515					1DP
2433	339 22:45:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8515					1DP
2434	340 00:00:00	31				VGR-31 OWLT IS 11H 07M 58S					1L
2435	340 01:05:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8515					1DP
2436	340 01:05:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8515					1DP
2437	340 01:05:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8515					1DP
2438	340 01:34:58	31	10 SET			10 DEGREE SET DSC-10					1V
2439	340 01:56:22	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2450	340 02:01:23	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		10046:55:026F	00-339/14:53:25	1ECf
2451	340 02:02:10	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10046:56:001F	00-339/14:54:11	1ESf
2452	340 02:02:10	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		10046:56:002F	00-339/14:54:11	1ECs
2453	340 02:02:10	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10046:56:002F	00-339/14:54:12	1ECd
2454	340 02:02:10	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1449	DTR		10046:56:002F	00-339/14:54:12	1ESd
2455	340 02:02:58	31			SC32AJ	(11) PLS CONFIG CMD	FDS		10046:57:009F	00-339/14:55:00	1ECf
2456	340 06:30:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8515 (D/L ONLY)					1DP
2457	340 06:30:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8515 (D/L ONLY)					1DP
2458	340 06:30:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8515 (D/L ONLY)					1DP
2459	340 06:32:48	31	60RISE			10 DEGREE RISE DSC-60					1V
2460	340 06:42:08	31	40 SET			10 DEGREE SET DSC-40					1V
2461	340 10:08:36	31				B- UVSLEW			10057:04:001F	00-339/23:00:35	1TB
2462	340 10:08:36	31				SLEW TO HELIO-17B			10057:04:001F	00-339/23:00:35	1T
2463	340 10:08:36	31				B- PLATPOA			10057:04:001F	00-339/23:00:35	1TB
2464	340 10:08:36	31			AC7SPK	(1 12 1 127 093) EL SLEW R=LOW	AACS		10057:04:003F	00-339/23:00:36	1ECa
2465	340 10:13:21	31				B- SLEND			10057:09:751F	00-339/23:05:20	1TB

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2466	340 10:13:21	31			SLEWEND	AZ=125.000 EL=91.051 CO=87.307			10057:09:751F	00-339/23:05:20	1T
2467	340 11:16:24	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2468	340 11:16:24	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
2469	340 11:17:12	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2470	340 11:17:12	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
2471	340 11:19:48	31				AHELIO PWSREC 32			10058:33:001F	00-340/00:11:47	1T
2472	340 11:19:48	31			SC32AJ	(10) PLS CONFIG CMD	FDS		10058:33:009F	00-340/00:11:48	1ECf
2473	340 11:20:36	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		10058:34:009F	00-340/00:12:36	1ECf
2474	340 11:21:20	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		10058:34:735F	00-340/00:13:20	1ECd
2475	340 11:21:20	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:1456	DTR		10058:34:735F	00-340/00:13:20	1ESd
2476	340 11:21:24	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	10058:35:001F	00-340/00:13:23	1ESf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2477	340 11:21:24	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		10058:35:002F	00-340/00:13:24	1ECs
2478	340 11:21:25	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		10058:35:026F	00-340/00:13:25	1ECf
2479	340 11:22:12	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10058:36:001F	00-340/00:14:11	1ESf
2480	340 11:22:12	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		10058:36:002F	00-340/00:14:11	1ECs
2481	340 11:22:12	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10058:36:002F	00-340/00:14:12	1ECd
2482	340 11:22:12	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1748	DTR		10058:36:002F	00-340/00:14:12	1ESd
2483	340 11:23:00	31				END HPAUSE			10058:37:001F	00-340/00:14:59	1T
2484	340 11:23:00	31			SC32AJ	(11) PLS CONFIG CMD	FDS		10058:37:009F	00-340/00:15:00	1ECf
2485	340 11:23:48	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		10058:38:002F	00-340/00:15:48	1ECd
2486	340 11:23:48	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1755	DTR		10058:38:002F	00-340/00:15:48	1ESd
2487	340 11:37:15	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10058:54:652F	00-340/00:29:14	1ECd

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2488	340 11:37:15	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2046	DTR		10058:54:652F	00-340/00:29:14	1ESd
2489	340 12:00:00	31				VGR-31 OWLT IS 11H 08M 00S					1L
2490	340 14:05:17	31	10RISE			10 DEGREE RISE DSC-10					1V
2491	340 14:23:49	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		10062:23:002F	00-340/03:15:48	1ECd
2492	340 17:35:00	31	63	OPCH	63	== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
2493	340 17:35:00	31	63	OPCH	63	== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
2494	340 17:36:00	31	63	OPCH	63	== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
2495	340 17:37:00	31	63	OPCH	63	== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
2496	340 18:02:00	31	63	OPCH	63	== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
2497	340 18:04:49	31	60	SET		10 DEGREE SET DSC-60					1V
2498	340 18:05:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8515					1DP
2499	340 18:05:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8515					1DP

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2519	341 01:01:27	31				B- DRGS4B			10075:40:001F	00-340/13:53:23	1TB
2520	341 01:01:27	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		10075:40:009F	00-340/13:53:24	1ECf
2521	341 01:02:11	31				BEGIN RECORDING PWS DATA			10075:40:734F	00-340/13:54:07	1T
2522	341 01:02:11	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		10075:40:735F	00-340/13:54:08	1ECd
2523	341 01:02:11	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2046	DTR		10075:40:735F	00-340/13:54:08	1ESd
2524	341 01:02:15	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	10075:41:001F	00-340/13:54:11	1ESf
2525	341 01:02:15	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		10075:41:002F	00-340/13:54:11	1ECs
2526	341 01:02:16	31				B- DRCRUS			10075:41:018F	00-340/13:54:12	1TB
2527	341 01:02:16	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		10075:41:026F	00-340/13:54:13	1ECf
2528	341 01:03:03	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10075:42:001F	00-340/13:54:59	1ESf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2529	341 01:03:03	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		10075:42:002F	00-340/13:54:59	1ECs
2530	341 01:03:03	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10075:42:002F	00-340/13:55:00	1ECd
2531	341 01:03:03	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2338	DTR		10075:42:002F	00-340/13:55:00	1ESd
2532	341 01:03:51	31			SC32AJ	(11) PLS CONFIG CMD	FDS		10075:43:009F	00-340/13:55:48	1ECf
2533	341 01:03:52	31				END PWSREC.31			10075:43:018F	00-340/13:55:48	1T
2534	341 01:05:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8516					1DP
2535	341 01:05:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8516					1DP
2536	341 01:05:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8516					1DP
2537	341 01:31:05	31	10 SET			10 DEGREE SET DSC-10					1V
2538	341 06:28:56	31	60RISE			10 DEGREE RISE DSC-60					1V
2539	341 06:38:15	31	40 SET			10 DEGREE SET DSC-40					1V
2540	341 10:08:41	31				B- UVSLEW			10087:04:001F	00-340/23:00:35	1TB
2541	341 10:08:41	31				SLEW TO HELIO-19B			10087:04:001F	00-340/23:00:35	1T
2542	341 10:08:41	31				B- PLATPOA			10087:04:001F	00-340/23:00:35	1TB
2543	341 10:08:41	31			AC7SPK	(1 12 2 157 158) EL SLEW R=LOW	AACS		10087:04:003F	00-340/23:00:36	1ECa
2544	341 10:13:26	31				B- SLEND			10087:09:751F	00-340/23:05:20	1TB
2545	341 10:13:26	31			SLEWEND	AZ=125.000 EL=48.031 CO=44.532			10087:09:751F	00-340/23:05:20	1T
2546	341 12:00:00	31				VGR-31 OWLT IS 11H 08M 05S					1L
2547	341 12:00:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8516 (D/L ONLY)					1DP
2548	341 12:00:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8516 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2549	341 12:00:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8516 (D/L ONLY)					1DP
2550	341 14:00:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8518 (U/L PASS)					1DP
2551	341 14:01:24	31	10RISE			10 DEGREE RISE DSC-10					1V
2552	341 14:20:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8516					1DP
2553	341 14:20:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8516					1DP
2554	341 14:20:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8516					1DP
2555	341 15:46:18	31				B- RFSTLC			10094:06:001F	00-341/04:38:11	1TB
2556	341 16:18:12	31	14	OPCH 14		== START TLC TEST DOWN-LINK ==					1TD
2557	341 17:05:18	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2558	341 17:05:18	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
2559	341 17:05:30	31				BEGIN PMPCALLR			10095:45:001F	00-341/05:57:23	1T
2560	341 17:09:30	31				B- DRCR5T			10095:50:001F	00-341/06:01:23	1TB
2561	341 17:09:30	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		10095:50:009F	00-341/06:01:24	1ECf
2562	341 17:10:18	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10095:51:001F	00-341/06:02:11	1ESf
2563	341 17:10:18	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		10095:51:002F	00-341/06:02:11	1ECs

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2564	341 17:16:42	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		10095:59:009F	00-341/06:08:36	1ECf
2565	341 17:17:30	31				BEGIN PLS/MAG/PESCAL			10096:00:001F	00-341/06:09:23	1T
2566	341 17:19:12	31	14	OPCH 14		== END TLC TEST DOWN-LINK ==					1TD
2567	341 18:00:56	31	60	SET		10 DEGREE SET DSC-60					1V
2568	341 18:59:54	31				END PLSCAL			10098:08:001F	00-341/07:51:47	1T
2569	341 19:05:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-8517 (D/L ONLY)					1DP
2570	341 20:19:54	31				END MAGCAL			10099:48:001F	00-341/09:11:47	1T
2571	341 20:33:19	31		ACE	OPCH	>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
2572	341 20:33:19	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
2573	341 20:37:31	31				END PESCAL			10100:10:001F	00-341/09:29:23	1T
2574	341 20:37:31	31				B- DRCSR			10100:10:001F	00-341/09:29:23	1TB
2575	341 20:37:31	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		10100:10:009F	00-341/09:29:24	1ECf
2576	341 20:38:19	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10100:11:001F	00-341/09:30:11	1ESF

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2577	341 20:38:19	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		10100:11:002F	00-341/09:30:11	1ECs
2578	341 20:38:20	31				END PMPCALLR			10100:11:018F	00-341/09:30:12	1T
2579	341 20:55:43	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
2580	341 20:55:43	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
2581	341 20:59:55	31				B- FULMRO			10100:38:001F	00-341/09:51:47	1TB
2582	341 20:59:55	31				BEGIN FULMRO			10100:38:001F	00-341/09:51:47	1T
2583	341 20:59:55	31			SC06BB	(16 0 14 0) FDS MODE TO: EH-12 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : MOD CRUISE AACS READOUT MODE : TELEMETRY	FDS		10100:38:009F	00-341/09:51:48	1ECF
2584	341 21:00:43	31		ACE OPCH		FDS STATUS EH-12/X1.2K/S(N/A) MEM:PA/FDS11	FDS	MC-12	10100:39:001F	00-341/09:52:35	1ESF
2585	341 21:00:43	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		10100:39:002F	00-341/09:52:35	1ECs
2586	341 21:10:07	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2587	341 21:14:19	31			SC06BB	(16 0 14 1) FDS MODE TO: EH-12 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : MOD CRUISE AACS READOUT MODE : MEMORY	FDS		10100:56:009F	00-341/10:06:12	1ECF
2588	341 21:15:06	31				START AACS MEM R/O			10100:56:784F	00-341/10:06:58	1T

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2589	341 21:15:07	31		ACE OPCH		FDS STATUS EH-12/X1.2K/S(N/A) MEM:PA/FDS11	FDS	AA-12	10100:57:001F	00-341/10:06:59	1ESf
2590	341 21:15:07	31			AC7MLD	(0000) MISC LOGIC CNTL MEM DUMP	AACS		10100:57:003F	00-341/10:07:00	1ECa
2591	341 21:25:13	31	40RISE			10 DEGREE RISE DSC-40					1V
2592	341 21:30:07	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2593	341 21:34:19	31			SC06PV	(8004) FDS TREE SWITCH ID CCS MEMORY READ OUT	FDS		10101:21:009F	00-341/10:26:12	1ECf
2594	341 21:34:20	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		10101:21:019F	00-341/10:26:13	1ECf
2595	341 21:35:05	31				END AACS R/O			10101:21:768F	00-341/10:26:57	1T
2596	341 21:35:06	31				BEGIN CCS MEM R/O			10101:21:784F	00-341/10:26:58	1T
2597	341 21:35:07	31		ACE OPCH		FDS STATUS EH-12/X1.2K/S(N/A) MEM:PA/FDS11	FDS	CCS R/O	10101:22:001F	00-341/10:26:59	1ESf
2598	341 21:39:55	31			SC06PV	(8005) FDS TREE SWITCH ID CCS MEMORY READ OUT	FDS		10101:28:009F	00-341/10:31:48	1ECf
2599	341 21:41:19	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2600	341 21:44:43	31			SC06PU	(0000) FDS R/O START ADDRESS	FDS		10101:34:009F	00-341/10:36:36	1ECf
2601	341 21:45:31	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		10101:35:009F	00-341/10:37:24	1ECf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2602	341 21:46:18	31				END CCS MEM R/O			10101:35:784F	00-341/10:38:10	1T
2603	341 21:46:19	31				BEGIN FDS MEM R/O			10101:36:001F	00-341/10:38:11	1T
2604	341 21:46:19	31		ACE	OPCH	FDS STATUS EH-12/X1.2K/S(N/A) MEM:PA/FDS11	FDS	FDS R/O	10101:36:001F	00-341/10:38:11	1ESf
2605	341 21:54:07	31		ACE	OPCH	>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2606	341 21:54:07	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
2607	341 21:58:19	31				B- DRCRUS			10101:51:001F	00-341/10:50:11	1TB
2608	341 21:58:19	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		10101:51:009F	00-341/10:50:12	1ECf
2609	341 21:59:07	31				END FDS MEM R/O			10101:52:001F	00-341/10:50:59	1T
2610	341 21:59:07	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10101:52:001F	00-341/10:50:59	1ESf
2611	341 21:59:07	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		10101:52:002F	00-341/10:50:59	1ECs
2612	341 21:59:08	31				END FULMRO			10101:52:018F	00-341/10:51:00	1T
2613	341 22:08:43	31				B- UVSLEW			10102:04:001F	00-341/11:00:35	1TB
2614	341 22:08:43	31				SLEW TO HELIO-20B			10102:04:001F	00-341/11:00:35	1T
2615	341 22:08:43	31				B- PLATPOA			10102:04:001F	00-341/11:00:35	1TB

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2616	341 22:08:43	31			AC7SPK	(1 12 2 173 176) EL SLEW R=LOW	AACS		10102:04:003F	00-341/11:00:36	1ECa
2617	341 22:13:28	31				B- SLEND			10102:09:751F	00-341/11:05:20	1TB
2618	341 22:13:28	31			SLEWEND	AZ=125.000 EL=25.026 CO=21.919			10102:09:751F	00-341/11:05:20	1T
2619	342 00:00:00	31				VGR-31 OWLT IS 11H 08M 07S					1L
2620	342 00:55:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-8517					1DP
2621	342 01:27:12	31	10	SET		10 DEGREE SET DSC-10					1V
2622	342 06:20:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-8517 (D/L ONLY)					1DP
2623	342 06:20:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-8517 (D/L ONLY)					1DP
2624	342 06:20:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-8517 (D/L ONLY)					1DP
2625	342 06:25:03	31	60	RISE		10 DEGREE RISE DSC-60					1V
2626	342 06:34:23	31	40	SET		10 DEGREE SET DSC-40					1V
2627	342 10:20:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8517					1DP
2628	342 10:20:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8517					1DP
2629	342 10:20:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8517					1DP
2630	342 12:00:00	31				VGR-31 OWLT IS 11H 08M 09S					1L
2631	342 13:57:32	31	10	RISE		10 DEGREE RISE DSC-10					1V
2632	342 14:35:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-8518 (D/L ONLY)					1DP
2633	342 14:35:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-8518 (D/L ONLY)					1DP
2634	342 14:35:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-8518 (D/L ONLY)					1DP
2635	342 17:45:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-8518					1DP
2636	342 17:45:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-8518					1DP
2637	342 17:45:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-8518					1DP
2638	342 17:57:03	31	60	SET		10 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2639	342 19:25:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8518					1DP
2640	342 21:21:20	31	40RISE			10 DEGREE RISE DSC-40					1V
2641	343 00:00:00	31				VGR-31 OWLT IS 11H 08M 12S					1L
2642	343 01:23:20	31	10 SET			10 DEGREE SET DSC-10					1V
2643	343 06:20:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8518 (D/L ONLY)					1DP
2644	343 06:21:11	31	60RISE			10 DEGREE RISE DSC-60					1V
2645	343 06:30:30	31	40 SET			10 DEGREE SET DSC-40					1V
2646	343 10:27:13	31			AC7SSB	(4 +161) SS BIAS CONTROL --- YAW	AACS		10147:27:003F	00-342/23:19:00	1ECa
2647	343 11:30:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8518					1DP
2648	343 12:00:00	31				VGR-31 OWLT IS 11H 08M 14S					1L
2649	343 13:53:39	31	10RISE			10 DEGREE RISE DSC-10					1V
2650	343 17:53:10	31	60 SET			10 DEGREE SET DSC-60					1V
2651	343 21:10:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8519 (D/L ONLY)					1DP
2652	343 21:10:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8519 (D/L ONLY)					1DP
2653	343 21:10:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8519 (D/L ONLY)					1DP
2654	343 21:17:27	31	40RISE			10 DEGREE RISE DSC-40					1V
2655	344 00:00:00	31				VGR-31 OWLT IS 11H 08M 16S					1L
2656	344 00:15:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8519					1DP
2657	344 00:15:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8519					1DP
2658	344 00:15:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8519					1DP
2659	344 01:19:27	31	10 SET			10 DEGREE SET DSC-10					1V
2660	344 06:17:18	31	60RISE			10 DEGREE RISE DSC-60					1V
2661	344 06:26:38	31	40 SET			10 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2662	344 07:15:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8519 (D/L ONLY)					1DP
2663	344 10:40:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8519					1DP
2664	344 12:00:00	31				VGR-31 OWLT IS 11H 08M 18S					1L
2665	344 13:49:47	31	10RISE			10 DEGREE RISE DSC-10					1V
2666	344 15:05:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8520 (D/L ONLY)					1DP
2667	344 15:05:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8520 (D/L ONLY)					1DP
2668	344 15:05:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8520 (D/L ONLY)					1DP
2669	344 17:49:17	31	60 SET			10 DEGREE SET DSC-60					1V
2670	344 20:08:55	31				B- UVSLEW			10189:34:001F	00-344/09:00:35	1TB
2671	344 20:08:55	31				SLEW TO HELIO-20A			10189:34:001F	00-344/09:00:35	1T
2672	344 21:13:34	31	40RISE			10 DEGREE RISE DSC-40					1V
2673	344 23:20:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8520					1DP
2674	344 23:20:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8520					1DP
2675	344 23:20:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8520					1DP
2676	345 00:00:00	31				VGR-31 OWLT IS 11H 08M 20S					1L
2677	345 01:15:34	31	10 SET			10 DEGREE SET DSC-10					1V
2678	345 06:10:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8520 (D/L ONLY)					1DP
2679	345 06:10:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8520 (D/L ONLY)					1DP
2680	345 06:10:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8520 (D/L ONLY)					1DP
2681	345 06:13:26	31	60RISE			10 DEGREE RISE DSC-60					1V
2682	345 06:22:45	31	40 SET			10 DEGREE SET DSC-40					1V
2683	345 11:10:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8520					1DP
2684	345 11:10:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8520					1DP

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2685	345 11:10:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8520					1DP
2686	345 12:00:00	31				VGR-31 OWLT IS 11H 08M 22S					1L
2687	345 13:45:54	31	10RISE			10 DEGREE RISE DSC-10					1V
2688	345 14:10:34	31			AC7SSB	(3 +009) SS BIAS CONTROL - PITCH	AACS		10212:06:003F	00-345/03:02:12	1ECa
2689	345 16:30:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8521 (D/L ONLY)					1DP
2690	345 16:30:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8521 (D/L ONLY)					1DP
2691	345 16:30:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8521 (D/L ONLY)					1DP
2692	345 17:45:24	31	60 SET			10 DEGREE SET DSC-60					1V
2693	345 20:08:59	31				B- UVSLEW			10219:34:001F	00-345/09:00:35	1TB
2694	345 20:08:59	31				SLEW TO HELIO-19A			10219:34:001F	00-345/09:00:35	1T
2695	345 20:08:59	31				B- PLATPOA			10219:34:001F	00-345/09:00:35	1TB
2696	345 20:08:59	31			AC7SPK	(1 12 1 157 028) EL SLEW R=LOW	AACS		10219:34:003F	00-345/09:00:36	1ECa
2697	345 20:13:49	31				B- SLEND			10219:40:034F	00-345/09:05:25	1TB
2698	345 20:13:49	31			SLEWEND	AZ=125.000 EL=47.988 CO=44.546			10219:40:034F	00-345/09:05:25	1T
2699	345 21:09:41	31	40RISE			10 DEGREE RISE DSC-40					1V
2700	346 00:00:00	31				VGR-31 OWLT IS 11H 08M 24S					1L
2701	346 00:45:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8521					1DP
2702	346 00:45:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8521					1DP
2703	346 00:45:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8521					1DP
2704	346 01:11:41	31	10 SET			10 DEGREE SET DSC-10					1V
2705	346 06:05:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8521 (D/L ONLY)					1DP
2706	346 06:05:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8521 (D/L ONLY)					1DP
2707	346 06:05:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8521 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2708	346 06:09:33	31	60RISE			10 DEGREE RISE DSC-60					1V
2709	346 06:18:53	31	40 SET			10 DEGREE SET DSC-40					1V
2710	346 11:10:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8521					1DP
2711	346 11:10:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8521					1DP
2712	346 11:10:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8521					1DP
2713	346 12:00:00	31				VGR-31 OWLT IS 11H 08M 26S					1L
2714	346 13:42:02	31	10RISE			10 DEGREE RISE DSC-10					1V
2715	346 14:25:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8522 (D/L ONLY)					1DP
2716	346 14:25:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8522 (D/L ONLY)					1DP
2717	346 14:25:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8522 (D/L ONLY)					1DP
2718	346 17:41:32	31	60 SET			10 DEGREE SET DSC-60					1V
2719	346 20:09:03	31				B- UVSLEW			10249:34:001F	00-346/09:00:35	1TB
2720	346 20:09:03	31				SLEW TO HELIO-18A			10249:34:001F	00-346/09:00:35	1T
2721	346 20:09:03	31				B- PLATPOA			10249:34:001F	00-346/09:00:35	1TB
2722	346 20:09:03	31			AC7SPK	(1 12 2 141 140) EL SLEW R=LOW	AACS		10249:34:003F	00-346/09:00:36	1ECa
2723	346 20:13:48	31				B- SLEND			10249:39:751F	00-346/09:05:20	1TB
2724	346 20:13:48	31			SLEWEND	AZ=125.000 EL=70.985 CO=67.384			10249:39:751F	00-346/09:05:20	1T
2725	346 21:05:49	31	40RISE			10 DEGREE RISE DSC-40					1V
2726	347 00:00:00	31				VGR-31 OWLT IS 11H 08M 28S					1L
2727	347 00:45:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8522					1DP
2728	347 00:45:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8522					1DP
2729	347 00:45:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8522					1DP
2730	347 01:07:48	31	10 SET			10 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2731	347 06:05:41	31	60RISE			10 DEGREE RISE DSC-60					1V
2732	347 06:15:00	31	40 SET			10 DEGREE SET DSC-40					1V
2733	347 06:45:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8522 (D/L ONLY)					1DP
2734	347 09:15:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8522					1DP
2735	347 11:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8522 (D/L ONLY)					1DP
2736	347 11:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8522 (D/L ONLY)					1DP
2737	347 11:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8522 (D/L ONLY)					1DP
2738	347 12:00:00	31				VGR-31 OWLT IS 11H 08M 30S					1L
2739	347 13:38:09	31	10RISE			10 DEGREE RISE DSC-10					1V
2740	347 17:35:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8522					1DP
2741	347 17:35:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8522					1DP
2742	347 17:35:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8522					1DP
2743	347 17:37:39	31	60 SET			10 DEGREE SET DSC-60					1V
2744	347 19:20:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8523 (D/L ONLY)					1DP
2745	347 19:20:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8523 (D/L ONLY)					1DP
2746	347 19:20:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8523 (D/L ONLY)					1DP
2747	347 20:09:07	31				B- UVSLEW			10279:34:001F	00-347/09:00:35	1TB
2748	347 20:09:07	31				SLEW TO HELIO-17A			10279:34:001F	00-347/09:00:35	1T
2749	347 20:09:07	31				B- PLATPOA			10279:34:001F	00-347/09:00:35	1TB
2750	347 20:09:07	31			AC7SPK	(1 12 1 127 094) EL SLEW R=LOW	AACS		10279:34:003F	00-347/09:00:36	1ECa
2751	347 20:13:16	31				B- SLEND			10279:39:151F	00-347/09:04:44	1TB
2752	347 20:13:16	31			SLEWEND	AZ=125.000 EL=91.022 CO=87.302			10279:39:151F	00-347/09:04:44	1T
2753	347 21:01:56	31	40RISE			10 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2754	348 00:00:00	31				VGR-31 OWLT IS 11H 08M 31S					1L
2755	348 00:30:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8523					1DP
2756	348 00:30:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8523					1DP
2757	348 00:30:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8523					1DP
2758	348 00:33:44	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2759	348 00:33:44	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
2760	348 00:34:32	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2761	348 00:34:32	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
2762	348 00:37:08	31				BEGIN PWSREC.31			10285:09:001F	00-347/13:28:35	1T
2763	348 00:37:08	31			SC32AJ	(10) PLS CONFIG CMD	FDS		10285:09:010F	00-347/13:28:36	1ECf
2764	348 00:37:56	31				B- DRGS4B			10285:10:001F	00-347/13:29:23	1TB
2765	348 00:37:56	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		10285:10:009F	00-347/13:29:24	1ECf
2766	348 00:38:40	31				BEGIN RECORDING PWS DATA			10285:10:734F	00-347/13:30:07	1T
2767	348 00:38:40	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		10285:10:735F	00-347/13:30:08	1ECd
2768	348 00:38:40	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2345	DTR		10285:10:735F	00-347/13:30:08	1ESd

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2769	348 00:38:44	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	10285:11:001F	00-347/13:30:11	1ESf
2770	348 00:38:44	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		10285:11:002F	00-347/13:30:11	1ECs
2771	348 00:38:45	31				B- DRCRUS			10285:11:018F	00-347/13:30:12	1TB
2772	348 00:38:45	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		10285:11:026F	00-347/13:30:13	1ECf
2773	348 00:39:32	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10285:12:001F	00-347/13:30:59	1ESf
2774	348 00:39:32	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		10285:12:002F	00-347/13:30:59	1ECs
2775	348 00:39:32	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10285:12:002F	00-347/13:31:00	1ECd
2776	348 00:39:32	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2637	DTR		10285:12:002F	00-347/13:31:00	1ESd
2777	348 00:40:20	31			SC32AJ	(11) PLS CONFIG CMD	FDS		10285:13:009F	00-347/13:31:48	1ECf
2778	348 00:40:21	31				END PWSREC.31			10285:13:018F	00-347/13:31:48	1T
2779	348 01:03:56	31	10 SET			10 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2780	348 06:01:48	31	60RISE			10 DEGREE RISE DSC-60					1V
2781	348 06:11:08	31	40 SET			10 DEGREE SET DSC-40					1V
2782	348 12:00:00	31				VGR-31 OWLT IS 11H 08M 33S					1L
2783	348 12:05:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8523 (D/L ONLY)					1DP
2784	348 12:05:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8523 (D/L ONLY)					1DP
2785	348 12:05:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8523 (D/L ONLY)					1DP
2786	348 13:34:17	31	10RISE			10 DEGREE RISE DSC-10					1V
2787	348 15:20:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8523					1DP
2788	348 15:20:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8523					1DP
2789	348 15:20:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8523					1DP
2790	348 17:15:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8524 (D/L ONLY)					1DP
2791	348 17:33:46	31	60 SET			10 DEGREE SET DSC-60					1V
2792	348 20:09:10	31				B- UVSLEW			10309:34:001F	00-348/09:00:35	1TB
2793	348 20:09:10	31				SLEW TO HELIO-16A			10309:34:001F	00-348/09:00:35	1T
2794	348 20:09:10	31				B- PLATPOA			10309:34:001F	00-348/09:00:35	1TB
2795	348 20:09:10	31			AC7SPK	(1 12 1 111 076) EL SLEW R=LOW	AACS		10309:34:003F	00-348/09:00:36	1ECa
2796	348 20:13:56	31				B- SLEND			10309:39:751F	00-348/09:05:20	1TB
2797	348 20:13:56	31			SLEWEND	AZ=125.000 EL=114.014 CO=110.186			10309:39:751F	00-348/09:05:20	1T
2798	348 20:58:03	31	40RISE			10 DEGREE RISE DSC-40					1V
2799	348 23:05:59	31			AC7SSB	(4 +162) SS BIAS CONTROL --- YAW	AACS		10313:15:003F	00-348/11:57:24	1ECa
2800	349 00:00:00	31				VGR-31 OWLT IS 11H 08M 35S					1L
2801	349 00:45:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8524					1DP
2802	349 01:00:03	31	10 SET			10 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2803	349 05:57:56	31	60RISE			10 DEGREE RISE DSC-60					1V
2804	349 06:07:15	31	40 SET			10 DEGREE SET DSC-40					1V
2805	349 12:00:00	31				VGR-31 OWLT IS 11H 08M 37S					1L
2806	349 13:30:24	31	10RISE			10 DEGREE RISE DSC-10					1V
2807	349 14:15:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8525 (D/L ONLY)					1DP
2808	349 14:15:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8525 (D/L ONLY)					1DP
2809	349 14:15:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8525 (D/L ONLY)					1DP
2810	349 17:15:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8525					1DP
2811	349 17:15:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8525					1DP
2812	349 17:15:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8525					1DP
2813	349 17:29:54	31	60 SET			10 DEGREE SET DSC-60					1V
2814	349 20:09:14	31				B- UVSLEW			10339:34:001F	00-349/09:00:35	1TB
2815	349 20:09:14	31				SLEW TO HELIO-15A			10339:34:001F	00-349/09:00:35	1T
2816	349 20:09:14	31				B- PLATPOA			10339:34:001F	00-349/09:00:35	1TB
2817	349 20:09:14	31			AC7SPK	(1 12 1 096 127) EL SLEW R=LOW	AACS		10339:34:003F	00-349/09:00:36	1ECa
2818	349 20:13:35	31				B- SLEND			10339:39:351F	00-349/09:04:56	1TB
2819	349 20:13:35	31			SLEWEND	AZ=125.000 EL=134.993 CO=131.088			10339:39:351F	00-349/09:04:56	1T
2820	349 20:54:10	31	40RISE			10 DEGREE RISE DSC-40					1V
2821	349 21:35:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8525 (D/L ONLY)					1DP
2822	350 00:00:00	31				VGR-31 OWLT IS 11H 08M 39S					1L
2823	350 00:10:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8525					1DP
2824	350 00:56:10	31	10 SET			10 DEGREE SET DSC-10					1V
2825	350 05:50:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8525 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2826	350 05:50:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8525 (D/L ONLY)					1DP
2827	350 05:50:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8525 (D/L ONLY)					1DP
2828	350 05:54:03	31	60RISE			10 DEGREE RISE DSC-60					1V
2829	350 06:03:22	31	40 SET			10 DEGREE SET DSC-40					1V
2830	350 08:52:28	31			AC7SSB	(3 +008) SS BIAS CONTROL - PITCH	AACS		10355:28:003F	00-349/21:43:48	1ECa
2831	350 11:00:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8525					1DP
2832	350 11:00:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8525					1DP
2833	350 11:00:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8525					1DP
2834	350 12:00:00	31				VGR-31 OWLT IS 11H 08M 40S					1L
2835	350 13:25:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8526 (U/L PASS)					1DP
2836	350 13:25:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8526 (D/L ONLY)					1DP
2837	350 13:25:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8526 (D/L ONLY)					1DP
2838	350 13:26:31	31	10RISE			10 DEGREE RISE DSC-10					1V
2839	350 17:26:01	31	60 SET			10 DEGREE SET DSC-60					1V
2840	350 20:09:17	31				B- UVSLEW			10369:34:001F	00-350/09:00:35	1TB
2841	350 20:09:17	31				SLEW TO HELIO-14A			10369:34:001F	00-350/09:00:35	1T
2842	350 20:09:17	31				B- PLATPOA			10369:34:001F	00-350/09:00:35	1TB
2843	350 20:09:17	31			AC7SPK	(1 12 2 089 171) EL SLEW R=LOW	AACS		10369:34:003F	00-350/09:00:36	1ECa
2844	350 20:11:25	31				B- SLEND			10369:36:534F	00-350/09:02:43	1TB
2845	350 20:11:25	31			SLEWEND	AZ=125.000 EL=144.988 CO=140.961			10369:36:534F	00-350/09:02:43	1T
2846	350 20:50:18	31	40RISE			10 DEGREE RISE DSC-40					1V
2847	350 23:15:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8526					1DP
2848	350 23:15:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8526					1DP

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2849	350 23:15:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8526					1DP
2850	351 00:00:00	31				VGR-31 OWLT IS 11H 08M 42S					1L
2851	351 00:52:18	31	10 SET			10 DEGREE SET DSC-10					1V
2852	351 05:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8526 (D/L ONLY)					1DP
2853	351 05:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8526 (D/L ONLY)					1DP
2854	351 05:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8526 (D/L ONLY)					1DP
2855	351 05:50:10	31	60RISE			10 DEGREE RISE DSC-60					1V
2856	351 05:59:30	31	40 SET			10 DEGREE SET DSC-40					1V
2857	351 12:00:00	31				VGR-31 OWLT IS 11H 08M 44S					1L
2858	351 13:22:39	31	10RISE			10 DEGREE RISE DSC-10					1V
2859	351 15:00:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8526					1DP
2860	351 15:00:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8526					1DP
2861	351 15:00:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8526					1DP
2862	351 17:00:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8527 (D/L ONLY)					1DP
2863	351 17:00:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8527 (D/L ONLY)					1DP
2864	351 17:00:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8527 (D/L ONLY)					1DP
2865	351 17:22:08	31	60 SET			10 DEGREE SET DSC-60					1V
2866	351 20:09:21	31				B- UVSLEW			10399:34:001F	00-351/09:00:35	1TB
2867	351 20:09:21	31				SLEW TO HELIO-13A			10399:34:001F	00-351/09:00:35	1T
2868	351 20:09:21	31				B- PLATPOA			10399:34:001F	00-351/09:00:35	1TB
2869	351 20:09:21	31			AC7SPK	(1 12 2 083 118) EL SLEW R=LOW	AACS		10399:34:003F	00-351/09:00:36	1ECa
2870	351 20:11:17	31				B- SLEND			10399:36:334F	00-351/09:02:31	1TB
2871	351 20:11:17	31			SLEWEND	AZ=125.000 EL=154.000 CO=149.832			10399:36:334F	00-351/09:02:31	1T

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2872	351 20:46:25	31	40RISE			10 DEGREE RISE DSC-40					1V
2873	352 00:00:00	31				VGR-31 OWLT IS 11H 08M 45S					1L
2874	352 00:15:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8527					1DP
2875	352 00:15:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8527					1DP
2876	352 00:15:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8527					1DP
2877	352 00:48:25	31	10 SET			10 DEGREE SET DSC-10					1V
2878	352 05:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8527 (D/L ONLY)					1DP
2879	352 05:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8527 (D/L ONLY)					1DP
2880	352 05:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8527 (D/L ONLY)					1DP
2881	352 05:46:17	31	60RISE			10 DEGREE RISE DSC-60					1V
2882	352 05:55:37	31	40 SET			10 DEGREE SET DSC-40					1V
2883	352 10:55:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8527					1DP
2884	352 10:55:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8527					1DP
2885	352 10:55:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8527					1DP
2886	352 12:00:00	31				VGR-31 OWLT IS 11H 08M 47S					1L
2887	352 13:00:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8528 (D/L ONLY)					1DP
2888	352 13:18:46	31	10RISE			10 DEGREE RISE DSC-10					1V
2889	352 17:18:16	31	60 SET			10 DEGREE SET DSC-60					1V
2890	352 20:09:24	31				B- UVSLEW			10429:34:001F	00-352/09:00:35	1TB
2891	352 20:09:24	31				SLEW TO HELIO-12A			10429:34:001F	00-352/09:00:35	1T
2892	352 20:09:24	31				B- PLATPOA			10429:34:001F	00-352/09:00:35	1TB
2893	352 20:09:24	31			AC7SPK	(1 12 1 075 108) EL SLEW R=LOW	AACS		10429:34:003F	00-352/09:00:36	1ECa
2894	352 20:11:50	31				B- SLEND			10429:37:034F	00-352/09:03:01	1TB

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2895	352 20:11:50	31			SLEWEND	AZ=125.000 EL=165.518 CO=161.003			10429:37:034F	00-352/09:03:01	1T
2896	352 20:42:32	31	40RISE			10 DEGREE RISE DSC-40					1V
2897	353 00:00:00	31				VGR-31 OWLT IS 11H 08M 48S					1L
2898	353 00:15:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8528					1DP
2899	353 00:19:48	31			AC7SSB	(3 +007) SS BIAS CONTROL - PITCH	AACS		10434:47:003F	00-352/13:11:00	1ECa
2900	353 00:44:32	31	10 SET			10 DEGREE SET DSC-10					1V
2901	353 05:40:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8528 (D/L ONLY)					1DP
2902	353 05:40:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8528 (D/L ONLY)					1DP
2903	353 05:40:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8528 (D/L ONLY)					1DP
2904	353 05:42:25	31	60RISE			10 DEGREE RISE DSC-60					1V
2905	353 05:51:44	31	40 SET			10 DEGREE SET DSC-40					1V
2906	353 11:35:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8528					1DP
2907	353 11:35:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8528					1DP
2908	353 11:35:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8528					1DP
2909	353 11:50:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8528 (D/L ONLY)					1DP
2910	353 11:50:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8528 (D/L ONLY)					1DP
2911	353 11:50:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8528 (D/L ONLY)					1DP
2912	353 12:00:00	31				VGR-31 OWLT IS 11H 08M 50S					1L
2913	353 13:14:53	31	10RISE			10 DEGREE RISE DSC-10					1V
2914	353 15:25:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8528					1DP
2915	353 15:25:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8528					1DP
2916	353 15:25:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8528					1DP
2917	353 17:14:23	31	60 SET			10 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2918	353 17:40:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8529 (D/L ONLY)					1DP
2919	353 20:09:27	31				B- UVSLEW			10459:34:001F	00-353/09:00:35	1TB
2920	353 20:09:27	31				SLEW TO HELIO-11A			10459:34:001F	00-353/09:00:35	1T
2921	353 20:09:27	31				B- PLATPOA			10459:34:001F	00-353/09:00:35	1TB
2922	353 20:09:27	31			AC7SPK	(1 12 2 068 132) EL SLEW R=LOW	AACS		10459:34:003F	00-353/09:00:36	1ECa
2923	353 20:11:41	31				B- SLEND			10459:36:634F	00-353/09:02:49	1TB
2924	353 20:11:41	31			SLEWEND	AZ=125.000 EL=176.032 CO=170.509			10459:36:634F	00-353/09:02:49	1T
2925	353 20:38:40	31	40RISE			10 DEGREE RISE DSC-40					1V
2926	354 00:00:00	31				VGR-31 OWLT IS 11H 08M 51S					1L
2927	354 00:30:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8529					1DP
2928	354 00:40:40	31	10 SET			10 DEGREE SET DSC-10					1V
2929	354 05:38:32	31	60RISE			10 DEGREE RISE DSC-60					1V
2930	354 05:47:51	31	40 SET			10 DEGREE SET DSC-40					1V
2931	354 11:44:41	31			AC7SSB	(4 +163) SS BIAS CONTROL --- YAW	AACS		10479:03:003F	00-354/00:35:48	1ECa
2932	354 11:50:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8529 (D/L ONLY)					1DP
2933	354 11:50:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8529 (D/L ONLY)					1DP
2934	354 11:50:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8529 (D/L ONLY)					1DP
2935	354 12:00:00	31				VGR-31 OWLT IS 11H 08M 53S					1L
2936	354 13:11:00	31	10RISE			10 DEGREE RISE DSC-10					1V
2937	354 14:30:00	31	63	OPCH 63		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2938	354 14:30:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
2939	354 14:31:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
2940	354 14:32:00	31	63	OPCH 63		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
2941	354 14:40:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-8530 (D/L ONLY)					1DP
2942	354 14:57:00	31	63	OPCH 63		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
2943	354 15:00:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8529					1DP
2944	354 15:00:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8529					1DP
2945	354 15:00:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8529					1DP
2946	354 17:10:30	31	60	SET		10 DEGREE SET DSC-60					1V
2947	354 20:09:30	31				B- UVSLEW			10489:34:001F	00-354/09:00:35	1TB
2948	354 20:09:30	31				SLEW TO MIDPNT-A			10489:34:001F	00-354/09:00:35	1T
2949	354 20:09:30	31				B- PLATPOB			10489:34:001F	00-354/09:00:35	1TB
2950	354 20:09:30	31			AC7SPK	(1 12 1 093 214) EL SLEW R=LOW	AACS		10489:34:003F	00-354/09:00:36	1ECa
2951	354 20:09:30	31			AC7SPK	(2 12 1 165 130) AZ SLEW R=LOW	AACS		10489:34:005F	00-354/09:00:36	1ECa
2952	354 20:34:47	31	40	RISE		10 DEGREE RISE DSC-40					1V
2953	354 20:36:14	31				B- SLEND			10490:07:334F	00-354/09:27:19	1TB

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2954	354 20:36:14	31			SLEWEND	AZ=220.013 EL=140.021 CO=134.591			10490:07:334F	00-354/09:27:19	1T
2955	354 23:50:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8530					1DP
2956	355 00:00:00	31				VGR-31 OWLT IS 11H 08M 54S					1L
2957	355 00:10:06	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2958	355 00:10:06	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
2959	355 00:10:54	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2960	355 00:10:54	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
2961	355 00:13:30	31				BEGIN PWSREC.31			10494:39:001F	00-354/13:04:35	1T
2962	355 00:13:30	31			SC32AJ	(10) PLS CONFIG CMD	FDS		10494:39:009F	00-354/13:04:36	1ECf
2963	355 00:14:18	31				B- DRGS4B			10494:40:001F	00-354/13:05:23	1TB
2964	355 00:14:18	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		10494:40:009F	00-354/13:05:24	1ECf
2965	355 00:15:02	31				BEGIN RECORDING PWS DATA			10494:40:734F	00-354/13:06:07	1T
2966	355 00:15:02	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		10494:40:735F	00-354/13:06:08	1ECd
2967	355 00:15:02	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2644	DTR		10494:40:735F	00-354/13:06:08	1ESd

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2968	355 00:15:06	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	10494:41:001F	00-354/13:06:11	1ESf
2969	355 00:15:06	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		10494:41:002F	00-354/13:06:11	1ECs
2970	355 00:15:07	31				B- DRCRUS			10494:41:018F	00-354/13:06:12	1TB
2971	355 00:15:07	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		10494:41:026F	00-354/13:06:13	1ECf
2972	355 00:15:54	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10494:42:001F	00-354/13:06:59	1ESf
2973	355 00:15:54	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		10494:42:002F	00-354/13:06:59	1ECs
2974	355 00:15:54	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10494:42:002F	00-354/13:07:00	1ECd
2975	355 00:15:54	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2936	DTR		10494:42:002F	00-354/13:07:00	1ESd
2976	355 00:16:42	31			SC32AJ	(11) PLS CONFIG CMD	FDS		10494:43:009F	00-354/13:07:48	1ECf
2977	355 00:16:43	31				END PWSREC.31			10494:43:018F	00-354/13:07:48	1T
2978	355 00:36:47	31	10 SET			10 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2979	355 05:34:39	31	60RISE			10 DEGREE RISE DSC-60					1V
2980	355 05:43:59	31	40 SET			10 DEGREE SET DSC-40					1V
2981	355 07:15:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8530 (D/L ONLY)					1DP
2982	355 07:15:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8530 (D/L ONLY)					1DP
2983	355 07:15:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8530 (D/L ONLY)					1DP
2984	355 10:20:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-8530					1DP
2985	355 10:20:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-8530					1DP
2986	355 10:20:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-8530					1DP
2987	355 11:55:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8530 (D/L ONLY)					1DP
2988	355 12:00:00	31				VGR-31 OWLT IS 11H 08M 56S					1L
2989	355 12:43:08	31				B- RFSTLC			10510:16:001F	00-355/01:34:11	1TB
2990	355 13:07:07	31	10RISE			10 DEGREE RISE DSC-10					1V
2991	355 13:14:54	31	65	OPCH 65		== START TLC TEST DOWN-LINK ==					1TD
2992	355 14:15:54	31	65	OPCH 65		== END TLC TEST DOWN-LINK ==					1TD
2993	355 15:30:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8530					1DP
2994	355 15:40:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8531 (U/L PASS)					1DP
2995	355 17:06:38	31	60 SET			10 DEGREE SET DSC-60					1V
2996	355 19:40:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8531					1DP
2997	355 20:09:33	31				B- UVSLEW			10519:34:001F	00-355/09:00:35	1TB
2998	355 20:09:33	31				SLEW TO HELIO-10A			10519:34:001F	00-355/09:00:35	1T
2999	355 20:09:33	31				B- PLATPOB			10519:34:001F	00-355/09:00:35	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
3000	355 20:09:33	31			AC7SPK	(2 12 2 222 177) AZ SLEW R=LOW	AACS		10519:34:003F	00-355/09:00:36	1ECa
3001	355 20:09:33	31			AC7SPK	(1 12 1 071 142) EL SLEW R=LOW	AACS		10519:34:005F	00-355/09:00:36	1ECa
3002	355 20:30:55	31	40RISE			10 DEGREE RISE DSC-40					1V
3003	355 20:32:21	31				B- SLEND		10520:02:401F	00-355/09:23:23		1TB
3004	355 20:32:21	31			SLEWEND	AZ=299.984 EL=172.024 CO=172.368		10520:02:401F	00-355/09:23:23		1T
3005	356 00:00:00	31				VGR-31 OWLT IS 11H 08M 57S					1L
3006	356 00:32:54	31	10 SET			10 DEGREE SET DSC-10					1V
3007	356 05:30:46	31	60RISE			10 DEGREE RISE DSC-60					1V
3008	356 05:40:06	31	40 SET			10 DEGREE SET DSC-40					1V
3009	356 11:35:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8531 (D/L ONLY)					1DP
3010	356 11:35:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8531 (D/L ONLY)					1DP
3011	356 11:35:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8531 (D/L ONLY)					1DP
3012	356 12:00:00	31				VGR-31 OWLT IS 11H 08M 58S					1L
3013	356 13:03:15	31	10RISE			10 DEGREE RISE DSC-10					1V
3014	356 15:20:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-8531					1DP
3015	356 15:20:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-8531					1DP
3016	356 15:20:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-8531					1DP
3017	356 17:02:45	31	60 SET			10 DEGREE SET DSC-60					1V
3018	356 19:25:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8532 (D/L ONLY)					1DP
3019	356 19:25:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8532 (D/L ONLY)					1DP
3020	356 19:25:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8532 (D/L ONLY)					1DP
3021	356 20:09:35	31				B- UVSLEW		10549:34:001F	00-356/09:00:35		1TB
3022	356 20:09:35	31				SLEW TO HELIO-9A		10549:34:001F	00-356/09:00:35		1T

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3023	356 20:09:35	31				B- PLATPOB			10549:34:001F	00-356/09:00:35	1TB
3024	356 20:09:35	31			AC7SPK	(1 12 2 079 159) EL SLEW R=LOW	AACS		10549:34:003F	00-356/09:00:36	1ECa
3025	356 20:09:35	31			AC7SPL	(2 12 1 255 044) AZ SLEW R=LOW	AACS		10549:34:005F	00-356/09:00:36	1ECa
3026	356 20:12:14	31				B- SLEND			10549:37:251F	00-356/09:03:14	1TB
3027	356 20:12:14	31			SLEWEND	AZ=299.953 EL=160.328 CO=162.457			10549:37:251F	00-356/09:03:14	1T
3028	356 20:27:02	31	40RISE			10 DEGREE RISE DSC-40					1V
3029	356 23:25:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8532					1DP
3030	356 23:25:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8532					1DP
3031	356 23:25:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8532					1DP
3032	357 00:00:00	31				VGR-31 OWLT IS 11H 09M 00S					1L
3033	357 00:29:02	31	10 SET			10 DEGREE SET DSC-10					1V
3034	357 01:14:24	31			AC7SSB	(3 +006) SS BIAS CONTROL - PITCH	AACS		10555:55:003F	00-356/14:05:24	1ECa
3035	357 05:26:53	31	60RISE			10 DEGREE RISE DSC-60					1V
3036	357 05:36:13	31	40 SET			10 DEGREE SET DSC-40					1V
3037	357 12:00:00	31				VGR-31 OWLT IS 11H 09M 01S					1L
3038	357 12:40:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8532 (U/L PASS)					1DP
3039	357 12:59:22	31	10RISE			10 DEGREE RISE DSC-10					1V
3040	357 14:55:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8533 (D/L ONLY)					1DP
3041	357 14:55:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8533 (D/L ONLY)					1DP
3042	357 14:55:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8533 (D/L ONLY)					1DP
3043	357 16:40:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8532					1DP
3044	357 16:58:53	31	60 SET			10 DEGREE SET DSC-60					1V
3045	357 20:09:38	31				B- UVSLEW			10579:34:001F	00-357/09:00:35	1TB

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3046	357 20:09:38	31				SLEW TO HELIO-8A			10579:34:001F	00-357/09:00:35	1T
3047	357 20:09:38	31				B- PLATPOA			10579:34:001F	00-357/09:00:35	1TB
3048	357 20:09:38	31			AC7SPK	(1 12 1 086 126) EL SLEW R=LOW	AACS		10579:34:003F	00-357/09:00:36	1ECa
3049	357 20:11:49	31				B- SLEND			10579:36:584F	00-357/09:02:46	1TB
3050	357 20:11:49	31			SLEWEND	AZ=299.953 EL=150.019 CO=152.576			10579:36:584F	00-357/09:02:46	1T
3051	357 20:23:09	31	40RISE			10 DEGREE RISE DSC-40					1V
3052	357 23:40:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8533					1DP
3053	357 23:40:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8533					1DP
3054	357 23:40:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8533					1DP
3055	358 00:00:00	31				VGR-31 OWLT IS 11H 09M 02S					1L
3056	358 00:25:09	31	10 SET			10 DEGREE SET DSC-10					1V
3057	358 05:23:00	31	60RISE			10 DEGREE RISE DSC-60					1V
3058	358 05:32:20	31	40 SET			10 DEGREE SET DSC-40					1V
3059	358 06:50:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8533 (D/L ONLY)					1DP
3060	358 12:00:00	31				VGR-31 OWLT IS 11H 09M 03S					1L
3061	358 12:55:29	31	10RISE			10 DEGREE RISE DSC-10					1V
3062	358 15:25:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-8533					1DP
3063	358 16:35:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8534 (D/L ONLY)					1DP
3064	358 16:35:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8534 (D/L ONLY)					1DP
3065	358 16:35:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8534 (D/L ONLY)					1DP
3066	358 16:55:00	31	60 SET			10 DEGREE SET DSC-60					1V
3067	358 20:09:40	31				B- UVSLEW			10609:34:001F	00-358/09:00:35	1TB
3068	358 20:09:40	31				SLEW TO HELIO-7A			10609:34:001F	00-358/09:00:35	1T

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3069	358 20:09:40	31				B- PLATPOA			10609:34:001F	00-358/09:00:35	1TB
3070	358 20:09:40	31			AC7SPK	(1 12 2 094 117) EL SLEW R=LOW	AACS		10609:34:003F	00-358/09:00:36	1ECa
3071	358 20:12:00	31				B- SLEND			10609:36:734F	00-358/09:02:55	1TB
3072	358 20:12:00	31			SLEWEND	AZ=299.953 EL=139.020 CO=141.790			10609:36:734F	00-358/09:02:55	1T
3073	358 20:19:17	31	40RISE			10 DEGREE RISE DSC-40					1V
3074	358 23:50:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8534					1DP
3075	358 23:50:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8534					1DP
3076	358 23:50:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8534					1DP
3077	359 00:00:00	31				VGR-31 OWLT IS 11H 09M 05S					1L
3078	359 00:21:17	31	10 SET			10 DEGREE SET DSC-10					1V
3079	359 05:15:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8534 (D/L ONLY)					1DP
3080	359 05:15:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8534 (D/L ONLY)					1DP
3081	359 05:15:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8534 (D/L ONLY)					1DP
3082	359 05:19:07	31	60RISE			10 DEGREE RISE DSC-60					1V
3083	359 05:28:27	31	40 SET			10 DEGREE SET DSC-40					1V
3084	359 11:05:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8534					1DP
3085	359 11:05:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8534					1DP
3086	359 11:05:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8534					1DP
3087	359 12:00:00	31				VGR-31 OWLT IS 11H 09M 06S					1L
3088	359 12:50:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8535 (D/L ONLY)					1DP
3089	359 12:50:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8535 (D/L ONLY)					1DP
3090	359 12:50:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8535 (D/L ONLY)					1DP
3091	359 12:51:36	31	10RISE			10 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3092	359 16:51:07	31	60	SET		10 DEGREE SET DSC-60					1V
3093	359 20:09:43	31				B- UVSLEW			10639:34:001F	00-359/09:00:35	1TB
3094	359 20:09:43	31				SLEW TO HELIO-6A			10639:34:001F	00-359/09:00:35	1T
3095	359 20:09:43	31				B- PLATPOA			10639:34:001F	00-359/09:00:35	1TB
3096	359 20:09:43	31			AC7SPK	(1 12 2 100 170) EL SLEW R=LOW	AACS		10639:34:003F	00-359/09:00:36	1ECa
3097	359 20:11:38	31				B- SLEND			10639:36:318F	00-359/09:02:30	1TB
3098	359 20:11:38	31			SLEWEND	AZ=299.953 EL=130.019 CO=132.887			10639:36:318F	00-359/09:02:30	1T
3099	359 20:15:24	31	40	RISE		10 DEGREE RISE DSC-40					1V
3100	359 22:10:00	31	14	LO	OPCH ACE	LOS DSS-14 PASS-8535					1DP
3101	359 22:10:00	31	14	LO	OPCH ACE	LOS DSS-14 PASS-8535					1DP
3102	359 22:10:00	31	14	LO	OPCH ACE	LOS DSS-14 PASS-8535					1DP
3103	360 00:00:00	31				VGR-31 OWLT IS 11H 09M 07S					1L
3104	360 00:17:24	31	10	SET		10 DEGREE SET DSC-10					1V
3105	360 00:23:19	31			AC7SSB	(4 +164) SS BIAS CONTROL --- YAW	AACS		10644:51:003F	00-359/13:14:12	1ECa
3106	360 04:55:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-8535 (D/L ONLY)					1DP
3107	360 05:15:14	31	60	RISE		10 DEGREE RISE DSC-60					1V
3108	360 05:24:34	31	40	SET		10 DEGREE SET DSC-40					1V
3109	360 10:30:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8535					1DP
3110	360 12:00:00	31				VGR-31 OWLT IS 11H 09M 08S					1L
3111	360 12:47:43	31	10	RISE		10 DEGREE RISE DSC-10					1V
3112	360 13:45:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-8536 (D/L ONLY)					1DP
3113	360 13:45:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-8536 (D/L ONLY)					1DP
3114	360 13:45:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-8536 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3115	360 16:47:15	31	60	SET		10 DEGREE SET DSC-60					1V
3116	360 20:09:45	31				B- UVSLEW			10669:34:001F	00-360/09:00:35	1TB
3117	360 20:09:45	31				SLEW TO HELIO-5A			10669:34:001F	00-360/09:00:35	1T
3118	360 20:09:45	31				B- PLATPOA			10669:34:001F	00-360/09:00:35	1TB
3119	360 20:09:45	31			AC7SPK	(1 12 1 106 039) EL SLEW R=LOW	AACS		10669:34:003F	00-360/09:00:36	1ECa
3120	360 20:11:22	31				B- SLEND			10669:36:018F	00-360/09:02:12	1TB
3121	360 20:11:22	31			SLEWEND	AZ=299.953 EL=122.534 CO=125.426			10669:36:018F	00-360/09:02:12	1T
3122	360 20:11:32	31	40	RISE		10 DEGREE RISE DSC-40					1V
3123	360 23:25:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-8536					1DP
3124	360 23:25:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-8536					1DP
3125	360 23:25:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-8536					1DP
3126	361 00:00:00	31				VGR-31 OWLT IS 11H 09M 09S					1L
3127	361 00:13:31	31	10	SET		10 DEGREE SET DSC-10					1V
3128	361 02:08:57	31			AC7SSB	(3 +005) SS BIAS CONTROL - PITCH	AACS		10677:03:003F	00-360/14:59:48	1ECa
3129	361 05:10:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-8536 (D/L ONLY)					1DP
3130	361 05:10:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-8536 (D/L ONLY)					1DP
3131	361 05:10:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-8536 (D/L ONLY)					1DP
3132	361 05:11:21	31	60	RISE		10 DEGREE RISE DSC-60					1V
3133	361 05:20:41	31	40	SET		10 DEGREE SET DSC-40					1V
3134	361 08:35:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8536					1DP
3135	361 08:35:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8536					1DP
3136	361 08:35:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8536					1DP
3137	361 12:00:00	31				VGR-31 OWLT IS 11H 09M 10S					1L

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3138	361 12:40:00	31	14	AO	OPCH ACE	AOS DSS-14 PASS-8537 (U/L PASS)					1DP
3139	361 12:40:00	31	14	AO	OPCH ACE	AOS DSS-14 PASS-8537 (D/L ONLY)					1DP
3140	361 12:40:00	31	14	AO	OPCH ACE	AOS DSS-14 PASS-8537 (D/L ONLY)					1DP
3141	361 12:43:50	31	10	RISE		10 DEGREE RISE DSC-10					1V
3142	361 16:43:22	31	60	SET		10 DEGREE SET DSC-60					1V
3143	361 16:45:00	31	14		OPCH 14	== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
3144	361 16:45:00	31	14		OPCH 14	== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
3145	361 16:46:00	31	14		OPCH 14	== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
3146	361 16:47:00	31	14		OPCH 14	== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
3147	361 17:00:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-8537 (D/L ONLY)					1DP
3148	361 17:00:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-8537 (D/L ONLY)					1DP
3149	361 17:00:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-8537 (D/L ONLY)					1DP
3150	361 17:12:00	31	14		OPCH 14	== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
3151	361 17:15:00	31	14	LO	OPCH ACE	LOS DSS-14 PASS-8537					1DP

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3152	361 17:15:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8537					1DP
3153	361 17:15:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8537					1DP
3154	361 20:07:39	31	40RISE			10 DEGREE RISE DSC-40					1V
3155	361 20:09:47	31				B- UVSLEW			10699:34:001F	00-361/09:00:35	1TB
3156	361 20:09:47	31				SLEW TO HELIO-4A			10699:34:001F	00-361/09:00:35	1T
3157	361 20:09:47	31				B- PLATPOA			10699:34:001F	00-361/09:00:35	1TB
3158	361 20:09:47	31			AC7SPK	(1 12 1 114 215) EL SLEW R=LOW	AACS		10699:34:003F	00-361/09:00:36	1ECa
3159	361 20:12:25	31				B- SLEND			10699:37:234F	00-361/09:03:13	1TB
3160	361 20:12:25	31			SLEWEND	AZ=299.953 EL=110.058 CO=113.041			10699:37:234F	00-361/09:03:13	1T
3161	361 23:35:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8537					1DP
3162	361 23:35:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8537					1DP
3163	361 23:35:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8537					1DP
3164	361 23:46:23	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
3165	361 23:46:23	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
3166	361 23:47:11	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
3167	361 23:47:11	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
3168	361 23:49:47	31				BEGIN PWSREC.31			10704:09:001F	00-361/12:40:35	1T
3169	361 23:49:47	31			SC32AJ	(10) PLS CONFIG CMD	FDS		10704:09:010F	00-361/12:40:36	1ECf
3170	361 23:50:35	31				B- DRGS4B			10704:10:001F	00-361/12:41:23	1TB

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3171	361 23:50:35	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		10704:10:009F	00-361/12:41:24	1ECf
3172	361 23:51:19	31				BEGIN RECORDING PWS DATA			10704:10:734F	00-361/12:42:07	1T
3173	361 23:51:19	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		10704:10:735F	00-361/12:42:08	1ECd
3174	361 23:51:19	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2943	DTR		10704:10:735F	00-361/12:42:08	1ESd
3175	361 23:51:23	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	10704:11:001F	00-361/12:42:11	1ESf
3176	361 23:51:23	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		10704:11:002F	00-361/12:42:11	1ECs
3177	361 23:51:24	31				B- DRCRUS			10704:11:018F	00-361/12:42:12	1TB
3178	361 23:51:24	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		10704:11:026F	00-361/12:42:13	1ECf
3179	361 23:52:11	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10704:12:001F	00-361/12:42:59	1ESf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3180	361 23:52:11	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		10704:12:002F	00-361/12:42:59	1ECs
3181	361 23:52:11	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10704:12:002F	00-361/12:43:00	1ECd
3182	361 23:52:11	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3235	DTR		10704:12:002F	00-361/12:43:00	1ESd
3183	361 23:52:59	31			SC32AJ	(11) PLS CONFIG CMD	FDS		10704:13:009F	00-361/12:43:48	1ECF
3184	361 23:53:00	31				END PWSREC.31			10704:13:018F	00-361/12:43:48	1T
3185	362 00:00:00	31				VGR-31 OWLT IS 11H 09M 11S					1L
3186	362 00:09:39	31	10	SET		10 DEGREE SET DSC-10					1V
3187	362 05:07:28	31	60	RISE		10 DEGREE RISE DSC-60					1V
3188	362 05:16:48	31	40	SET		10 DEGREE SET DSC-40					1V
3189	362 12:00:00	31				VGR-31 OWLT IS 11H 09M 12S					1L
3190	362 12:39:57	31	10	RISE		10 DEGREE RISE DSC-10					1V
3191	362 12:40:00	31	14	AO	OPCH ACE	AOS DSS-14 PASS-8538 (U/L PASS)					1DP
3192	362 12:40:00	31	14	AO	OPCH ACE	AOS DSS-14 PASS-8538 (D/L ONLY)					1DP
3193	362 12:40:00	31	14	AO	OPCH ACE	AOS DSS-14 PASS-8538 (D/L ONLY)					1DP
3194	362 14:58:36	31				B- RFSTLC			10723:05:001F	00-362/03:49:23	1TB
3195	362 15:30:28	31	14		OPCH 14	== START TLC TEST DOWN-LINK ==					1TD
3196	362 16:31:28	31	14		OPCH 14	== END TLC TEST DOWN-LINK ==					1TD
3197	362 16:39:30	31	60	SET		10 DEGREE SET DSC-60					1V

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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
3198	362 17:10:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8538					1DP
3199	362 17:10:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8538					1DP
3200	362 17:10:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8538					1DP
3201	362 20:03:47	31	40RISE			10 DEGREE RISE DSC-40					1V
3202	362 20:09:49	31				B- UVSLEW			10729:34:001F	00-362/09:00:35	1TB
3203	362 20:09:49	31				SLEW TO HELIO-3A			10729:34:001F	00-362/09:00:35	1T
3204	362 20:09:49	31				B- PLATPOA			10729:34:001F	00-362/09:00:35	1TB
3205	362 20:09:49	31			AC7SPK	(1 12 2 121 136) EL SLEW R=LOW	AACS		10729:34:003F	00-362/09:00:36	1ECa
3206	362 20:11:44	31				B- SLEND			10729:36:318F	00-362/09:02:30	1TB
3207	362 20:11:44	31			SLEWEND	AZ=299.953 EL=101.064 CO=104.097			10729:36:318F	00-362/09:02:30	1T
3208	363 00:00:00	31				VGR-31 OWLT IS 11H 09M 13S					1L
3209	363 00:05:46	31	10 SET			10 DEGREE SET DSC-10					1V
3210	363 05:03:35	31	60RISE			10 DEGREE RISE DSC-60					1V
3211	363 05:12:55	31	40 SET			10 DEGREE SET DSC-40					1V
3212	363 11:45:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8538 (D/L ONLY)					1DP
3213	363 11:45:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8538 (D/L ONLY)					1DP
3214	363 11:45:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8538 (D/L ONLY)					1DP
3215	363 12:00:00	31				VGR-31 OWLT IS 11H 09M 14S					1L
3216	363 12:36:04	31	10RISE			10 DEGREE RISE DSC-10					1V
3217	363 16:00:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8538					1DP
3218	363 16:00:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8538					1DP
3219	363 16:00:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8538					1DP
3220	363 16:35:37	31	60 SET			10 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3221	363 19:59:54	31	40RISE			10 DEGREE RISE DSC-40					1V
3222	363 20:09:51	31				B- UVSLEW			10759:34:001F	00-363/09:00:35	1TB
3223	363 20:09:51	31				SLEW TO HELIO-2A			10759:34:001F	00-363/09:00:35	1T
3224	363 20:09:51	31				B- PLATPOA			10759:34:001F	00-363/09:00:35	1TB
3225	363 20:09:51	31			AC7SPK	(1 12 1 128 128) EL SLEW R=LOW	AACS		10759:34:003F	00-363/09:00:36	1ECa
3226	363 20:12:11	31				B- SLEND			10759:36:734F	00-363/09:02:55	1TB
3227	363 20:12:11	31			SLEWEND	AZ=299.953 EL=90.044 CO=93.144			10759:36:734F	00-363/09:02:55	1T
3228	364 00:00:00	31				VGR-31 OWLT IS 11H 09M 15S					1L
3229	364 00:01:54	31	10 SET			10 DEGREE SET DSC-10					1V
3230	364 04:40:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8539 (D/L ONLY)					1DP
3231	364 04:59:42	31	60RISE			10 DEGREE RISE DSC-60					1V
3232	364 05:09:01	31	40 SET			10 DEGREE SET DSC-40					1V
3233	364 06:45:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8539					1DP
3234	364 12:00:00	31				VGR-31 OWLT IS 11H 09M 16S					1L
3235	364 12:32:11	31	10RISE			10 DEGREE RISE DSC-10					1V
3236	364 13:30:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8540 (D/L ONLY)					1DP
3237	364 16:31:45	31	60 SET			10 DEGREE SET DSC-60					1V
3238	364 19:55:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8540					1DP
3239	364 19:56:02	31	40RISE			10 DEGREE RISE DSC-40					1V
3240	364 20:09:52	31				B- UVSLEW			10789:34:001F	00-364/09:00:35	1TB
3241	364 20:09:52	31				SLEW TO HELIO-1A			10789:34:001F	00-364/09:00:35	1T
3242	364 20:09:52	31				B- PLATPOA			10789:34:001F	00-364/09:00:35	1TB
3243	364 20:09:52	31			AC7SPK	(1 12 1 135 216) EL SLEW R=LOW	AACS		10789:34:003F	00-364/09:00:36	1ECa

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3244	364 20:12:00	31				B- SLEND			10789:36:534F	00-364/09:02:43	1TB
3245	364 20:12:00	31			SLEWEND	AZ=299.953 EL=80.049 CO=83.213			10789:36:534F	00-364/09:02:43	1T
3246	364 23:58:01	31	10	SET		10 DEGREE SET DSC-10					1V
3247	365 00:00:00	31				VGR-31 OWLT IS 11H 09M 17S					1L
3248	365 03:03:29	31			AC7SSB	(3 +004) SS BIAS CONTROL - PITCH	AACS		10798:11:003F	00-364/15:54:12	1ECa
3249	365 04:50:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-8540 (D/L ONLY)					1DP
3250	365 04:50:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-8540 (D/L ONLY)					1DP
3251	365 04:50:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-8540 (D/L ONLY)					1DP
3252	365 04:55:49	31	60	RISE		10 DEGREE RISE DSC-60					1V
3253	365 05:05:08	31	40	SET		10 DEGREE SET DSC-40					1V
3254	365 12:00:00	31				VGR-31 OWLT IS 11H 09M 18S					1L
3255	365 12:25:00	31	14	AO	OPCH ACE	AOS DSS-14 PASS-8541 (D/L ONLY)					1DP
3256	365 12:25:00	31	14	AO	OPCH ACE	AOS DSS-14 PASS-8541 (D/L ONLY)					1DP
3257	365 12:25:00	31	14	AO	OPCH ACE	AOS DSS-14 PASS-8541 (D/L ONLY)					1DP
3258	365 12:28:17	31	10	RISE		10 DEGREE RISE DSC-10					1V
3259	365 12:45:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8540					1DP
3260	365 12:45:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8540					1DP
3261	365 12:45:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8540					1DP
3262	365 13:01:54	31			AC7SSB	(4 +165) SS BIAS CONTROL --- YAW	AACS		10810:39:003F	00-365/01:52:36	1ECa
3263	365 16:27:52	31	60	SET		10 DEGREE SET DSC-60					1V
3264	365 17:15:00	31	14	LO	OPCH ACE	LOS DSS-14 PASS-8541					1DP
3265	365 17:15:00	31	14	LO	OPCH ACE	LOS DSS-14 PASS-8541					1DP
3266	365 17:15:00	31	14	LO	OPCH ACE	LOS DSS-14 PASS-8541					1DP

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3267	365 19:52:09	31	40RISE			10 DEGREE RISE DSC-40					1V
3268	365 23:54:09	31	10 SET			10 DEGREE SET DSC-10					1V
3269	366 00:00:00	31				VGR-31 OWLT IS 11H 09M 18S					1L
3270	366 04:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8541 (D/L ONLY)					1DP
3271	366 04:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8541 (D/L ONLY)					1DP
3272	366 04:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8541 (D/L ONLY)					1DP
3273	366 04:51:55	31	60RISE			10 DEGREE RISE DSC-60					1V
3274	366 05:01:15	31	40 SET			10 DEGREE SET DSC-40					1V
3275	366 08:45:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8541					1DP
3276	366 08:45:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8541					1DP
3277	366 08:45:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8541					1DP
3278	366 12:00:00	31				VGR-31 OWLT IS 11H 09M 19S					1L
3279	366 12:20:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8542 (D/L ONLY)					1DP
3280	366 12:20:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8542 (D/L ONLY)					1DP
3281	366 12:20:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8542 (D/L ONLY)					1DP
3282	366 12:24:24	31	10RISE			10 DEGREE RISE DSC-10					1V
3283	366 16:24:00	31	60 SET			10 DEGREE SET DSC-60					1V
3284	366 19:48:17	31	40RISE			10 DEGREE RISE DSC-40					1V
3285	366 23:50:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8542					1DP
3286	366 23:50:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8542					1DP
3287	366 23:50:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8542					1DP
3288	366 23:50:16	31	10 SET			10 DEGREE SET DSC-10					1V
3289	001 00:00:00	31				VGR-31 OWLT IS 11H 09M 20S					1L

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3290	001 04:48:02	31	60RISE			10 DEGREE RISE DSC-60					1V
3291	001 04:57:22	31	40 SET			10 DEGREE SET DSC-40					1V
3292	001 10:54:20	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
3293	001 10:59:20	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3242	DTR		10868:05:602F	00-366/23:50:00	1ESd
3294	001 10:59:20	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10868:05:602F	00-366/23:50:00	1ESf
3295	001 11:09:22	31				A038 UPLINK WINDOW OPEN			10868:18:218F	01-001/00:00:00	1T
3296	001 12:00:00	31				VGR-31 OWLT IS 11H 09M 21S					1L
3297	001 12:20:31	31	10RISE			10 DEGREE RISE DSC-10					1V
3298	001 16:20:07	31	60 SET			10 DEGREE SET DSC-60					1V
3299	001 19:44:24	31	40RISE			10 DEGREE RISE DSC-40					1V
3300	001 23:46:23	31	10 SET			10 DEGREE SET DSC-10					1V
3301	002 00:00:00	31				VGR-31 OWLT IS 11H 09M 21S					1L
3302	002 04:44:09	31	60RISE			10 DEGREE RISE DSC-60					1V
3303	002 04:53:28	31	40 SET			10 DEGREE SET DSC-40					1V
3304	002 12:00:00	31				VGR-31 OWLT IS 11H 09M 22S					1L
3305	002 12:16:38	31	10RISE			10 DEGREE RISE DSC-10					1V
3306	002 16:16:15	31	60 SET			10 DEGREE SET DSC-60					1V
3307	002 19:40:32	31	40RISE			10 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3308	002 23:22:35	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
3309	002 23:22:35	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
3310	002 23:23:23	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
3311	002 23:23:23	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
3312	002 23:25:59	31				BEGIN PWSREC.31			10913:39:001F	01-002/12:16:35	1T
3313	002 23:25:59	31			SC32AJ	(10) PLS CONFIG CMD	FDS		10913:39:009F	01-002/12:16:36	1ECf
3314	002 23:26:47	31				B- DRGS4B			10913:40:001F	01-002/12:17:23	1TB
3315	002 23:26:47	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		10913:40:009F	01-002/12:17:24	1ECf
3316	002 23:27:31	31				BEGIN RECORDING PWS DATA			10913:40:734F	01-002/12:18:07	1T
3317	002 23:27:31	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		10913:40:735F	01-002/12:18:08	1ECd
3318	002 23:27:31	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:3242	DTR		10913:40:735F	01-002/12:18:08	1ESd
3319	002 23:27:35	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	10913:41:001F	01-002/12:18:11	1ESf

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3320	002 23:27:35	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		10913:41:002F	01-002/12:18:11	1ECs
3321	002 23:27:36	31				B- DRCRUS			10913:41:018F	01-002/12:18:12	1TB
3322	002 23:27:36	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		10913:41:026F	01-002/12:18:13	1ECF
3323	002 23:28:23	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10913:42:001F	01-002/12:18:59	1ESF
3324	002 23:28:23	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		10913:42:002F	01-002/12:18:59	1ECs
3325	002 23:28:23	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10913:42:002F	01-002/12:19:00	1ECd
3326	002 23:28:23	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3535	DTR		10913:42:002F	01-002/12:19:00	1ESd
3327	002 23:29:11	31			SC32AJ	(11) PLS CONFIG CMD	FDS		10913:43:009F	01-002/12:19:48	1ECf
3328	002 23:29:12	31				END PWSREC.31			10913:43:018F	01-002/12:19:48	1T
3329	002 23:39:35	31				B- DTRMA-1.31			10913:56:001F	01-002/12:30:11	1TB
3330	002 23:39:35	31				BEGIN DTRMA131			10913:56:001F	01-002/12:30:11	1T
3331	002 23:39:35	31			CC16C	(2217) DTR STATE SELECT: SLEW	DTR		10913:56:002F	01-002/12:30:12	1ECd

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3332	002 23:39:35	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:7 TIC:3541	DTR		10913:56:002F	01-002/12:30:12	1ESd
3333	002 23:41:37	31			EOT	END OF TAPE			10913:58:427F	01-002/12:32:13	1Ed
3334	002 23:42:31	31	10 SET			10 DEGREE SET DSC-10					1V
3335	003 00:00:00	31				VGR-31 OWLT IS 11H 09M 23S					1L
3336	003 02:23:35	31			CC16C	(2228) DTR STATE SELECT: SLEW	DTR		10917:21:002F	01-002/15:14:11	1ECd
3337	003 02:23:35	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:8 TIC:3585	DTR		10917:21:002F	01-002/15:14:11	1ESd
3338	003 02:23:35	31			EOT	END OF TAPE			10917:21:010F	01-002/15:14:12	1Ed
3339	003 03:57:59	31			AC7SSB	(3 +003) SS BIAS CONTROL - PITCH	AACS		10919:19:003F	01-002/16:48:36	1ECa
3340	003 04:40:15	31	60RISE			10 DEGREE RISE DSC-60					1V
3341	003 04:49:35	31	40 SET			10 DEGREE SET DSC-40					1V
3342	003 05:00:20	31			BOT	BEGIN OF TAPE			10920:36:750F	01-002/17:50:56	1Ed
3343	003 05:03:33	31				TAPE AT BOT			10920:40:768F	01-002/17:54:09	1T
3344	003 05:03:33	31				END DTRMA131			10920:40:768F	01-002/17:54:09	1T
3345	003 05:07:35	31				TAPPOS-3540			10920:46:001F	01-002/17:58:11	1T
3346	003 05:07:35	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		10920:46:002F	01-002/17:58:11	1ECd
3347	003 05:07:35	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0199	DTR		10920:46:002F	01-002/17:58:11	1ESd
3348	003 05:07:35	31			BOT	BEGIN OF TAPE			10920:46:010F	01-002/17:58:12	1Ed

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3349	003 07:42:13	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10923:59:239F	01-002/20:32:50	1ECd
3350	003 07:42:13	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3540	DTR	10923:59:239F	01-002/20:32:50	1ESd	
3351	003 07:55:35	31				REV/TRK 2		10924:16:001F	01-002/20:46:11	1T	
3352	003 07:55:35	31			CC16C	(7022) DTR STATE SELECT: READY	DTR	10924:16:002F	01-002/20:46:11	1ECd	
3353	003 07:55:35	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:3540	DTR	10924:16:002F	01-002/20:46:11	1ESd	
3354	003 12:00:00	31				VGR-31 OWLT IS 11H 09M 23S				1L	
3355	003 12:12:44	31	10RISE			10 DEGREE RISE DSC-10				1V	
3356	003 15:30:35	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG				1ESf	
3357	003 15:30:35	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	
3358	003 15:30:47	31				BEGIN PMPCALLR		10933:45:001F	01-003/04:21:23	1T	
3359	003 15:34:47	31				B- DRRC5T		10933:50:001F	01-003/04:25:23	1TB	
3360	003 15:34:47	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	10933:50:009F	01-003/04:25:24	1ECf	
3361	003 15:35:35	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T 10933:51:001F	01-003/04:26:11	1ESf	

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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
3362	003 15:35:35	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		10933:51:001F	01-003/04:26:11	1ECs
3363	003 15:41:59	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		10933:59:009F	01-003/04:32:36	1ECF
3364	003 15:42:47	31				BEGIN PLS/MAG/PESCAL			10934:00:001F	01-003/04:33:23	1T
3365	003 16:12:22	31	60 SET			10 DEGREE SET DSC-60					1V
3366	003 17:25:11	31				END PLSCAL			10936:08:001F	01-003/06:15:47	1T
3367	003 18:45:11	31				END MAGCAL			10937:48:001F	01-003/07:35:47	1T
3368	003 18:58:35	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
3369	003 18:58:35	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
3370	003 19:02:47	31				END PESCAL			10938:10:001F	01-003/07:53:23	1T
3371	003 19:02:47	31				B- DRCSR			10938:10:001F	01-003/07:53:23	1TB
3372	003 19:02:47	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		10938:10:009F	01-003/07:53:24	1ECf
3373	003 19:03:35	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10938:11:001F	01-003/07:54:11	1ESf
3374	003 19:03:35	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		10938:11:002F	01-003/07:54:11	1ECs

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3375	003 19:03:36	31				END PMPCALLR			10938:11:018F	01-003/07:54:12	1T
3376	003 19:36:39	31	40RISE			10 DEGREE RISE DSC-40					1V
3377	003 23:38:38	31	10 SET			10 DEGREE SET DSC-10					1V
3378	004 00:00:00	31				VGR-31 OWLT IS 11H 09M 24S					1L
3379	004 04:36:22	31	60RISE			10 DEGREE RISE DSC-60					1V
3380	004 04:45:41	31	40 SET			10 DEGREE SET DSC-40					1V
3381	004 12:00:00	31				VGR-31 OWLT IS 11H 09M 24S					1L
3382	004 12:08:51	31	10RISE			10 DEGREE RISE DSC-10					1V
3383	004 16:08:30	31	60 SET			10 DEGREE SET DSC-60					1V
3384	004 19:32:46	31	40RISE			10 DEGREE RISE DSC-40					1V
3385	004 23:34:46	31	10 SET			10 DEGREE SET DSC-10					1V
3386	005 00:00:00	31				VGR-31 OWLT IS 11H 09M 25S					1L
3387	005 01:40:25	31			AC7SSB	(4 +166) SS BIAS CONTROL --- YAW	AACS		10976:27:002F	01-004/14:31:00	1ECa
3388	005 04:32:28	31	60RISE			10 DEGREE RISE DSC-60					1V
3389	005 04:41:48	31	40 SET			10 DEGREE SET DSC-40					1V
3390	005 12:00:00	31				VGR-31 OWLT IS 11H 09M 25S					1L
3391	005 12:04:58	31	10RISE			10 DEGREE RISE DSC-10					1V
3392	005 16:04:37	31	60 SET			10 DEGREE SET DSC-60					1V
3393	005 19:28:54	31	40RISE			10 DEGREE RISE DSC-40					1V
3394	005 23:30:53	31	10 SET			10 DEGREE SET DSC-10					1V
3395	006 00:00:00	31				VGR-31 OWLT IS 11H 09M 26S					1L
3396	006 04:28:35	31	60RISE			10 DEGREE RISE DSC-60					1V
3397	006 04:37:54	31	40 SET			10 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3398	006 12:00:00	31				VGR-31 OWLT IS 11H 09M 26S					1L
3399	006 12:01:04	31	10RISE			10 DEGREE RISE DSC-10					1V
3400	006 16:00:45	31	60 SET			10 DEGREE SET DSC-60					1V
3401	006 19:25:01	31	40RISE			10 DEGREE RISE DSC-40					1V
3402	006 23:27:00	31	10 SET			10 DEGREE SET DSC-10					1V
3403	007 00:00:00	31				VGR-31 OWLT IS 11H 09M 27S					1L
3404	007 04:24:41	31	60RISE			10 DEGREE RISE DSC-60					1V
3405	007 04:34:01	31	40 SET			10 DEGREE SET DSC-40					1V
3406	007 04:52:27	31			AC7SSB	(3 +002) SS BIAS CONTROL - PITCH	AACS		11040:27:003F	01-006/17:43:00	1ECa
3407	007 11:57:11	31	10RISE			10 DEGREE RISE DSC-10					1V
3408	007 12:00:00	31				VGR-31 OWLT IS 11H 09M 27S					1L
3409	007 15:56:52	31	60 SET			10 DEGREE SET DSC-60					1V
3410	007 19:21:09	31	40RISE			10 DEGREE RISE DSC-40					1V
3411	007 23:23:08	31	10 SET			10 DEGREE SET DSC-10					1V
3412	008 00:00:00	31				VGR-31 OWLT IS 11H 09M 27S					1L
3413	008 04:20:48	31	60RISE			10 DEGREE RISE DSC-60					1V
3414	008 04:30:07	31	40 SET			10 DEGREE SET DSC-40					1V
3415	008 11:53:17	31	10RISE			10 DEGREE RISE DSC-10					1V
3416	008 12:00:00	31				VGR-31 OWLT IS 11H 09M 28S					1L
3417	008 15:53:00	31	60 SET			10 DEGREE SET DSC-60					1V
3418	008 19:17:16	31	40RISE			10 DEGREE RISE DSC-40					1V
3419	008 20:18:51	31				FINAL SPACECRAFT STATUS			11089:44:785F	01-008/09:09:23	1TI
3420	008 20:18:51	31				RADIO STATUS			11089:44:785F	01-008/09:09:23	1TI

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3421	008 20:18:51	31			DC2AR	S-BAND RANGING OFF			11089:44:785F	01-008/09:09:23	1TI
3422	008 20:18:51	31			DC2DR	S-BAND LO PWR			11089:44:785F	01-008/09:09:23	1TI
3423	008 20:18:51	31			DC2HR	X-BAND LO PWR			11089:44:785F	01-008/09:09:23	1TI
3424	008 20:18:51	31			DC2N	X-BAND RANGING ON			11089:44:785F	01-008/09:09:23	1TI
3425	008 20:18:51	31			DC2P	2 WAY NON-COHERENT ON			11089:44:785F	01-008/09:09:23	1TI
3426	008 20:18:51	31			DC2QR	USO OFF			11089:44:785F	01-008/09:09:23	1TI
3427	008 20:18:51	31			CC2BRP	S-BAND EXC-2 SEL			11089:44:785F	01-008/09:09:23	1TI
3428	008 20:18:51	31			CC2CRP	S-BAND TRANS-2 SEL			11089:44:785F	01-008/09:09:23	1TI
3429	008 20:18:51	31			CC2FP	RCVR-1 SEL			11089:44:785F	01-008/09:09:23	1TI
3430	008 20:18:51	31			CC2JP	X-BAND EXC-1 SEL			11089:44:785F	01-008/09:09:23	1TI
3431	008 20:18:51	31			CC2GP	X-BAND ON			11089:44:785F	01-008/09:09:23	1TI
3432	008 20:18:51	31			CC2KRP	S-BAND OFF			11089:44:785F	01-008/09:09:23	1TI
3433	008 20:18:51	31			CC2LP	X-BAND TWTA-1 SEL			11089:44:785F	01-008/09:09:23	1TI
3434	008 20:18:51	31			CC2MP	S-BAND EXC ON			11089:44:785F	01-008/09:09:23	1TI
3435	008 20:18:51	31			DC2E	HGA SELECT			11089:44:785F	01-008/09:09:23	1TI
3436	008 20:18:51	31			CC1T	BAY 1 HTR ON			11089:44:785F	01-008/09:09:23	1TI
3437	008 20:18:51	31				MDS STATUS			11089:44:785F	01-008/09:09:23	1TI
3438	008 20:18:51	31			CC3BP	TMU ON			11089:44:785F	01-008/09:09:23	1TI
3439	008 20:18:51	31			CC3GP	TMU-A SEL			11089:44:785F	01-008/09:09:23	1TI
3440	008 20:18:51	31			CC3HP	CDU-A SEL			11089:44:785F	01-008/09:09:23	1TI
3441	008 20:18:51	31			CC3A	32310 X-BAND			11089:44:785F	01-008/09:09:23	1TI
3442	008 20:18:51	31			CC3A	28301 S-BAND			11089:44:785F	01-008/09:09:23	1TI
3443	008 20:18:51	31				POWER STATUS			11089:44:785F	01-008/09:09:23	1TI

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3444	008 20:18:51	31			CC4A	UNDERVOLTAGE TRIP RESET			11089:44:785F	01-008/09:09:23	1TI
3445	008 20:18:51	31			CC4K	RTG-1 DIODE BYPASS ON			11089:44:785F	01-008/09:09:23	1TI
3446	008 20:18:51	31			CC4L	RTG-2 DIODE BYPASS ON			11089:44:785F	01-008/09:09:23	1TI
3447	008 20:18:51	31			CC4M	RTG-3 DIODE BYPASS ON			11089:44:785F	01-008/09:09:23	1TI
3448	008 20:18:51	31				CCS STATUS			11089:44:785F	01-008/09:09:23	1TI
3449	008 20:18:51	31			DC5AR	CCS TOL DET ENABLE			11089:44:785F	01-008/09:09:23	1TI
3450	008 20:18:51	31				FDS STATUS			11089:44:785F	01-008/09:09:23	1TI
3451	008 20:18:51	31			CC6CP	FDS ON/ISS PWR ENABLE			11089:44:785F	01-008/09:09:23	1TI
3452	008 20:18:51	31			CC6AA	1 SVC-W1			11089:44:785F	01-008/09:09:23	1TI
3453	008 20:18:51	31			CC6AD	3200 SVC-W4			11089:44:785F	01-008/09:09:23	1TI
3454	008 20:18:51	31			CC6AE	30011 SVC-W5			11089:44:785F	01-008/09:09:23	1TI
3455	008 20:18:51	31			CC6AP	FDS PWR CONV A SEL			11089:44:785F	01-008/09:09:23	1TI
3456	008 20:18:51	31			CC6AB	01010 SVC-W2			11089:44:785F	01-008/09:09:23	1TI
3457	008 20:18:51	31			SC06BB	530070 FDS DATA MODE			11089:44:785F	01-008/09:09:23	1TI
3458	008 20:18:51	31				AACS STATUS			11089:44:785F	01-008/09:09:23	1TI
3459	008 20:18:51	31			AC7PCG	14 HYBIC 2 PWR ON			11089:44:785F	01-008/09:09:23	1TI
3460	008 20:18:51	31			CC7ML	05 CST ON			11089:44:785F	01-008/09:09:23	1TI
3461	008 20:18:51	31			AC7CTG	10 394 CST HI GATE			11089:44:785F	01-008/09:09:23	1TI
3462	008 20:18:51	31			AC7CTG	11 442 CST LO GATE			11089:44:785F	01-008/09:09:23	1TI
3463	008 20:18:51	31			AC7GYP	111 GYRO PATTERN			11089:44:785F	01-008/09:09:23	1TI
3464	008 20:18:51	31			AC7PCG	52 GYRO A OFF			11089:44:785F	01-008/09:09:23	1TI
3465	008 20:18:51	31			AC7PCG	62 GYRO B OFF			11089:44:785F	01-008/09:09:23	1TI
3466	008 20:18:51	31			AC7PCG	72 GYRO C OFF			11089:44:785F	01-008/09:09:23	1TI

FINAL SEQUENCE FOR JST A037 (TOL/A037F - EVTSDR/A037BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3467	008 20:18:51	31			AC7PAR	7530 000000 GYRO OFF NORM			11089:44:785F	01-008/09:09:23	1TI
3468	008 20:18:51	31			AC7PAR	6740 000740 PITCH DEADBAND			11089:44:785F	01-008/09:09:23	1TI
3469	008 20:18:51	31			AC7PAR	6741 001700 YAW DEADBAND			11089:44:785F	01-008/09:09:23	1TI
3470	008 20:18:51	31			AC7PAR	6742 004540 ROLL DEADBAND			11089:44:785F	01-008/09:09:23	1TI
3471	008 20:18:51	31			DEADBAND	DEAD BAND STATE: 05 10 25			11089:44:785F	01-008/09:09:23	1TI
3472	008 20:18:51	31			CC7SS	1 AACS TO RAI			11089:44:785F	01-008/09:09:23	1TI
3473	008 20:18:51	31			CC7CT	01 CST CONE ANGLE 1			11089:44:785F	01-008/09:09:23	1TI
3474	008 20:18:51	31			AC7DDB	000480 DEAD BAND CONTROL			11089:44:785F	01-008/09:09:23	1TI
3475	008 20:18:51	31			CC7AHRP	SS HTR A OFF			11089:44:785F	01-008/09:09:23	1TI
3476	008 20:18:51	31			CC7BHP	SS HTR B ON			11089:44:785F	01-008/09:09:23	1TI
3477	008 20:18:51	31			CC7ML	01 FDS CHAN A			11089:44:785F	01-008/09:09:23	1TI
3478	008 20:18:51	31			CC7ML	09 TCAPU FAULT ENA			11089:44:785F	01-008/09:09:23	1TI
3479	008 20:18:51	31			AC7PCG	61 AACS BAY 6 HTR A OFF			11089:44:785F	01-008/09:09:23	1TI
3480	008 20:18:51	31			AC7PCG	71 AACS BAY 6 HTR B OFF			11089:44:785F	01-008/09:09:23	1TI
3481	008 20:18:51	31			CC7MMRP	PROC/MEM 2 SELECT			11089:44:785F	01-008/09:09:23	1TI
3482	008 20:18:51	31			CC7SHP	AZ SCAN ACTUATOR HTR ON			11089:44:785F	01-008/09:09:23	1TI
3483	008 20:18:51	31			AC7PCG	22 CST SUN SHUTTER OFF			11089:44:785F	01-008/09:09:23	1TI
3484	008 20:18:51	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			11089:44:785F	01-008/09:09:23	1TI
3485	008 20:18:51	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			11089:44:785F	01-008/09:09:23	1TI
3486	008 20:18:51	31			CC1PHRP	SCAN PLAT SUPL HTR OFF			11089:44:785F	01-008/09:09:23	1TI
3487	008 20:18:51	31			CC77MRP	MAM OFF			11089:44:785F	01-008/09:09:23	1TI
3488	008 20:18:51	31			DC77PR	NON-PRIME FCP/MEM OFF			11089:44:785F	01-008/09:09:23	1TI
3489	008 20:18:51	31			DC77XR	MAM COMMAND DISABLE			11089:44:785F	01-008/09:09:23	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
3490	008 20:18:51	31				PYRO STATUS			11089:44:785F	01-008/09:09:23	1TI
3491	008 20:18:51	31			CC8D	PSU INSTRUMENTATION ON			11089:44:785F	01-008/09:09:23	1TI
3492	008 20:18:51	31			DC8XR	PYRO DISABLE			11089:44:785F	01-008/09:09:23	1TI
3493	008 20:18:51	31				PROPULSION STATUS			11089:44:785F	01-008/09:09:23	1TI
3494	008 20:18:51	31			CC10CRP	TCM HTR OFF			11089:44:785F	01-008/09:09:23	1TI
3495	008 20:18:51	31			CC10DR	AP BR1 HTR OFF			11089:44:785F	01-008/09:09:23	1TI
3496	008 20:18:51	31			CC10ER	AP BR2 HTR OFF			11089:44:785F	01-008/09:09:23	1TI
3497	008 20:18:51	31			CC10TRP	TCM LINE HTRS OFF			11089:44:785F	01-008/09:09:23	1TI
3498	008 20:18:51	31				DSS STATUS			11089:44:785F	01-008/09:09:23	1TI
3499	008 20:18:51	31			CC16BR	DSS 10 W REPL HTR OFF			11089:44:785F	01-008/09:09:23	1TI
3500	008 20:18:51	31			CC16AP	DSS ON			11089:44:785F	01-008/09:09:23	1TI
3501	008 20:18:51	31			CC1DR	BAY 2 19 W HTR OFF			11089:44:785F	01-008/09:09:23	1TI
3502	008 20:18:51	31			CC16C	7222 DSS CONTROL			11089:44:785F	01-008/09:09:23	1TI
3503	008 20:18:51	31				SCIENCE PWR STATUS			11089:44:785F	01-008/09:09:23	1TI
3504	008 20:18:51	31			CC1CR	MAG COIL OFF			11089:44:785F	01-008/09:09:23	1TI
3505	008 20:18:51	31			CC21A	CRS ON			11089:44:785F	01-008/09:09:23	1TI
3506	008 20:18:51	31			CC21B	CRS REPL HTR ON			11089:44:785F	01-008/09:09:23	1TI
3507	008 20:18:51	31			CC21CR	CRS SUPP HTR OFF			11089:44:785F	01-008/09:09:23	1TI
3508	008 20:18:51	31			CC22A	PRA ON			11089:44:785F	01-008/09:09:23	1TI
3509	008 20:18:51	31			CC23A	PWS ON			11089:44:785F	01-008/09:09:23	1TI
3510	008 20:18:51	31			CC25A	LECP ON			11089:44:785F	01-008/09:09:23	1TI
3511	008 20:18:51	31			CC25B	LECP STEPPER MOTOR ON			11089:44:785F	01-008/09:09:23	1TI
3512	008 20:18:51	31			CC25CR	LECP REPL HTR OFF			11089:44:785F	01-008/09:09:23	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
3513	008 20:18:51	31			CC25D	LECP MAIN SUPP HTR ON			11089:44:785F	01-008/09:09:23	1TI
3514	008 20:18:51	31			CC25E	LECP LEPT SUPP HTR ON			11089:44:785F	01-008/09:09:23	1TI
3515	008 20:18:51	31			CC27BR	PPS SUPP HTR OFF			11089:44:785F	01-008/09:09:23	1TI
3516	008 20:18:51	31			CC32A	PLS ON			11089:44:785F	01-008/09:09:23	1TI
3517	008 20:18:51	31			CC32BR	PLS SUPP HTR OFF			11089:44:785F	01-008/09:09:23	1TI
3518	008 20:18:51	31			CC32C	PLS REPL HTR ON			11089:44:785F	01-008/09:09:23	1TI
3519	008 20:18:51	31			CC34A	UVS ON			11089:44:785F	01-008/09:09:23	1TI
3520	008 20:18:51	31			CC34B	UVS REPL HTR ON			11089:44:785F	01-008/09:09:23	1TI
3521	008 20:18:51	31			CC35AR	MAG OFF			11089:44:785F	01-008/09:09:23	1TI
3522	008 20:18:51	31			CC35B	MAG STANDBY ON			11089:44:785F	01-008/09:09:23	1TI
3523	008 20:18:51	31			CC35GR	MAG SENSOR HTR OFF			11089:44:785F	01-008/09:09:23	1TI
3524	008 20:18:51	31			CC36GR	ISS WA VID REPL HTR OFF			11089:44:785F	01-008/09:09:23	1TI
3525	008 20:18:51	31			CC36H	ISS WA ELEC REPL HTR ON			11089:44:785F	01-008/09:09:23	1TI
3526	008 20:18:51	31			CC36CRP	ISS NA OPTICS HTR OFF			11089:44:785F	01-008/09:09:23	1TI
3527	008 20:18:51	31			CC36FRP	ISS NA VID REPL HTR OFF			11089:44:785F	01-008/09:09:23	1TI
3528	008 20:18:51	31			CC36JP	ISS NA ELEC REPL HTR ON			11089:44:785F	01-008/09:09:23	1TI
3529	008 20:18:51	31			CC39D	IRIS REPL HTR ON			11089:44:785F	01-008/09:09:23	1TI
3530	008 20:18:51	31			CC39FR	IRIS STANDBY A SUPPLY OFF			11089:44:785F	01-008/09:09:23	1TI
3531	008 20:18:51	31			CC39BR	IRIS STANDBY B SUPPLY OFF			11089:44:785F	01-008/09:09:23	1TI
3532	008 20:18:51	31				SCIENCE INSTRUMENT STATUS			11089:44:785F	01-008/09:09:23	1TI
3533	008 20:18:51	31			SC21AF	01000 CRS CMD WORD			11089:44:785F	01-008/09:09:23	1TI
3534	008 20:18:51	31			SC21AF	02000 CRS CMD WORD			11089:44:785F	01-008/09:09:23	1TI
3535	008 20:18:51	31			SC21AF	03000 CRS CMD WORD			11089:44:785F	01-008/09:09:23	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
3536	008 20:18:51	31			SC21AF	04000 CRS CMD WORD			11089:44:785F	01-008/09:09:23	1TI
3537	008 20:18:51	31			SC21AF	05200 CRS CMD WORD			11089:44:785F	01-008/09:09:23	1TI
3538	008 20:18:51	31			SC21AF	06000 CRS CMD WORD			11089:44:785F	01-008/09:09:23	1TI
3539	008 20:18:51	31			SC21AF	07200 CRS CMD WORD			11089:44:785F	01-008/09:09:23	1TI
3540	008 20:18:51	31			SC21AF	08200 CRS CMD WORD			11089:44:785F	01-008/09:09:23	1TI
3541	008 20:18:51	31			SC21AF	10000 CRS CMD WORD			11089:44:785F	01-008/09:09:23	1TI
3542	008 20:18:51	31			SC21AF	11000 CRS CMD WORD			11089:44:785F	01-008/09:09:23	1TI
3543	008 20:18:51	31			SC21AF	12000 CRS CMD WORD			11089:44:785F	01-008/09:09:23	1TI
3544	008 20:18:51	31			SC21AF	13012 CRS CMD WORD			11089:44:785F	01-008/09:09:23	1TI
3545	008 20:18:51	31			SC21AG	CRS HV FLAG			11089:44:785F	01-008/09:09:23	1TI
3546	008 20:18:51	31			SC21AH	CRS CAL-ST FLAG			11089:44:785F	01-008/09:09:23	1TI
3547	008 20:18:51	31			SC22AF	1347 PRA CONFIGURATION CMD			11089:44:785F	01-008/09:09:23	1TI
3548	008 20:18:51	31			SC22NU	0000 PRA MODE SELECT			11089:44:785F	01-008/09:09:23	1TI
3549	008 20:18:51	31			SC23AD	5 PWS CMD WORD			11089:44:785F	01-008/09:09:23	1TI
3550	008 20:18:51	31			SC25AH	1777 LECP CMD WORD			11089:44:785F	01-008/09:09:23	1TI
3551	008 20:18:51	31			SC25AH	2417 LECP CMD WORD			11089:44:785F	01-008/09:09:23	1TI
3552	008 20:18:51	31			SC25AH	5600 LECP CMD WORD			11089:44:785F	01-008/09:09:23	1TI
3553	008 20:18:51	31			SC25AH	6032 LECP CMD WORD			11089:44:785F	01-008/09:09:23	1TI
3554	008 20:18:51	31			SC25AJ	1 LECP MOTOR STEP CMD			11089:44:785F	01-008/09:09:23	1TI
3555	008 20:18:51	31			SC25AN	0 LECP NEAR/FAR ENC			11089:44:785F	01-008/09:09:23	1TI
3556	008 20:18:51	31			SC25AQ	5200 LECP SAFE CMD			11089:44:785F	01-008/09:09:23	1TI
3557	008 20:18:51	31			SC32AF	2 PLS E1 INT/AMP GAIN			11089:44:785F	01-008/09:09:23	1TI
3558	008 20:18:51	31			SC32AG	2 PLS E2 INT/AMP GAIN			11089:44:785F	01-008/09:09:23	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
3559	008 20:18:51	31			SC32AH	3 PLS M INT/AMP GAIN			11089:44:785F	01-008/09:09:23	1TI
3560	008 20:18:51	31			SC32AJ	11 PLS CONFIG CMD			11089:44:785F	01-008/09:09:23	1TI
3561	008 20:18:51	31			SC32AK	2 PLS L INT/AMP GAIN			11089:44:785F	01-008/09:09:23	1TI
3562	008 20:18:51	31			SC32AL	216 PLS M START WORD 1			11089:44:785F	01-008/09:09:23	1TI
3563	008 20:18:51	31			SC32AM	216 PLS M START WORD 2			11089:44:785F	01-008/09:09:23	1TI
3564	008 20:18:51	31			SC32AN	2 PLS M MODE			11089:44:785F	01-008/09:09:23	1TI
3565	008 20:18:51	31			SC32AP	3 PLS E1 SHRT			11089:44:785F	01-008/09:09:23	1TI
3566	008 20:18:51	31			SC32AQ	3 PLS E2 SHRT			11089:44:785F	01-008/09:09:23	1TI
3567	008 20:18:51	31			SC32AR	3 PLS L SHORT			11089:44:785F	01-008/09:09:23	1TI
3568	008 20:18:51	31			SC32AS	2 PLS E1 LONG			11089:44:785F	01-008/09:09:23	1TI
3569	008 20:18:51	31			SC32AT	2 PLS E2 LONG			11089:44:785F	01-008/09:09:23	1TI
3570	008 20:18:51	31			SC32AU	2 PLS L LONG			11089:44:785F	01-008/09:09:23	1TI
3571	008 20:18:51	31			SC34AE	13 UVS MODE/HV LEVEL			11089:44:785F	01-008/09:09:23	1TI
3572	008 20:18:51	31			SC34AF	0 UVS READ OUT FLAG			11089:44:785F	01-008/09:09:23	1TI
3573	008 20:18:51	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			11089:44:785F	01-008/09:09:23	1TI
3574	008 20:18:51	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			11089:44:785F	01-008/09:09:23	1TI