

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT 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	288 20:40:55	31				INITIAL SPACECRAFT STATUS			19489:44:785F	01-288/09:09:23	1TI
2	288 20:40:55	31				RADIO STATUS			19489:44:785F	01-288/09:09:23	1TI
3	288 20:40:55	31			DC2AR	S-BAND RANGING OFF			19489:44:785F	01-288/09:09:23	1TI
4	288 20:40:55	31			DC2DR	S-BAND LO PWR			19489:44:785F	01-288/09:09:23	1TI
5	288 20:40:55	31			DC2HR	X-BAND LO PWR			19489:44:785F	01-288/09:09:23	1TI
6	288 20:40:55	31			DC2N	X-BAND RANGING ON			19489:44:785F	01-288/09:09:23	1TI
7	288 20:40:55	31			DC2P	2 WAY NON-COHERENT ON			19489:44:785F	01-288/09:09:23	1TI
8	288 20:40:55	31			DC2QR	USO OFF			19489:44:785F	01-288/09:09:23	1TI
9	288 20:40:55	31			CC2BRP	S-BAND EXC-2 SEL			19489:44:785F	01-288/09:09:23	1TI
10	288 20:40:55	31			CC2CRP	S-BAND TRANS-2 SEL			19489:44:785F	01-288/09:09:23	1TI
11	288 20:40:55	31			CC2FP	RCVR-1 SEL			19489:44:785F	01-288/09:09:23	1TI
12	288 20:40:55	31			CC2JP	X-BAND EXC-1 SEL			19489:44:785F	01-288/09:09:23	1TI
13	288 20:40:55	31			CC2GP	X-BAND ON			19489:44:785F	01-288/09:09:23	1TI
14	288 20:40:55	31			CC2KRP	S-BAND OFF			19489:44:785F	01-288/09:09:23	1TI
15	288 20:40:55	31			CC2LP	X-BAND TWTA-1 SEL			19489:44:785F	01-288/09:09:23	1TI
16	288 20:40:55	31			CC2MP	S-BAND EXC ON			19489:44:785F	01-288/09:09:23	1TI
17	288 20:40:55	31			DC2E	HGA SELECT			19489:44:785F	01-288/09:09:23	1TI
18	288 20:40:55	31			CC1T	BAY 1 HTR ON			19489:44:785F	01-288/09:09:23	1TI
19	288 20:40:55	31				MDS STATUS			19489:44:785F	01-288/09:09:23	1TI
20	288 20:40:55	31			CC3BP	TMU ON			19489:44:785F	01-288/09:09:23	1TI
21	288 20:40:55	31			CC3GP	TMU-A SEL			19489:44:785F	01-288/09:09:23	1TI
22	288 20:40:55	31			CC3HP	CDU-A SEL			19489:44:785F	01-288/09:09:23	1TI
23	288 20:40:55	31			CC3A	32310 X-BAND			19489:44:785F	01-288/09:09:23	1TI

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24	288 20:40:55	31			CC3A	28301 S-BAND			19489:44:785F	01-288/09:09:23	1TI
25	288 20:40:55	31				POWER STATUS			19489:44:785F	01-288/09:09:23	1TI
26	288 20:40:55	31			CC4A	UNDERVOLTAGE TRIP RESET			19489:44:785F	01-288/09:09:23	1TI
27	288 20:40:55	31			CC4K	RTG-1 DIODE BYPASS ON			19489:44:785F	01-288/09:09:23	1TI
28	288 20:40:55	31			CC4L	RTG-2 DIODE BYPASS ON			19489:44:785F	01-288/09:09:23	1TI
29	288 20:40:55	31			CC4M	RTG-3 DIODE BYPASS ON			19489:44:785F	01-288/09:09:23	1TI
30	288 20:40:55	31				CCS STATUS			19489:44:785F	01-288/09:09:23	1TI
31	288 20:40:55	31			DC5AR	CCS TOL DET ENABLE			19489:44:785F	01-288/09:09:23	1TI
32	288 20:40:55	31				FDS STATUS			19489:44:785F	01-288/09:09:23	1TI
33	288 20:40:55	31			CC6CP	FDS ON/ISS PWR ENABLE			19489:44:785F	01-288/09:09:23	1TI
34	288 20:40:55	31			CC6AA	1 SVC-W1			19489:44:785F	01-288/09:09:23	1TI
35	288 20:40:55	31			CC6AD	3200 SVC-W4			19489:44:785F	01-288/09:09:23	1TI
36	288 20:40:55	31			CC6AE	30011 SVC-W5			19489:44:785F	01-288/09:09:23	1TI
37	288 20:40:55	31			CC6AP	FDS PWR CONV A SEL			19489:44:785F	01-288/09:09:23	1TI
38	288 20:40:55	31			CC6AB	01010 SVC-W2			19489:44:785F	01-288/09:09:23	1TI
39	288 20:40:55	31			SC06BB	530070 FDS DATA MODE			19489:44:785F	01-288/09:09:23	1TI
40	288 20:40:55	31				AACS STATUS			19489:44:785F	01-288/09:09:23	1TI
41	288 20:40:55	31			AC7PCG	14 HYBIC 2 PWR ON			19489:44:785F	01-288/09:09:23	1TI
42	288 20:40:55	31			CC7ML	05 CST ON			19489:44:785F	01-288/09:09:23	1TI
43	288 20:40:55	31			AC7CTG	10 394 CST HI GATE			19489:44:785F	01-288/09:09:23	1TI
44	288 20:40:55	31			AC7CTG	11 442 CST LO GATE			19489:44:785F	01-288/09:09:23	1TI
45	288 20:40:55	31			AC7GYP	000 GYRO PATTERN			19489:44:785F	01-288/09:09:23	1TI
46	288 20:40:55	31			AC7PCG	52 GYRO A OFF			19489:44:785F	01-288/09:09:23	1TI

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47	288 20:40:55	31			AC7PCG	62 GYRO B OFF			19489:44:785F	01-288/09:09:23	1TI
48	288 20:40:55	31			AC7PCG	72 GYRO C OFF			19489:44:785F	01-288/09:09:23	1TI
49	288 20:40:55	31			AC7PAR	7530 000000 GYRO OFF NORM			19489:44:785F	01-288/09:09:23	1TI
50	288 20:40:55	31			AC7PAR	6740 000740 PITCH DEADBAND			19489:44:785F	01-288/09:09:23	1TI
51	288 20:40:55	31			AC7PAR	6741 001700 YAW DEADBAND			19489:44:785F	01-288/09:09:23	1TI
52	288 20:40:55	31			AC7PAR	6742 004540 ROLL DEADBAND			19489:44:785F	01-288/09:09:23	1TI
53	288 20:40:55	31			DEADBAND	DEAD BAND STATE: 05 10 25			19489:44:785F	01-288/09:09:23	1TI
54	288 20:40:55	31			CC7SS	1 AACS TO RAI			19489:44:785F	01-288/09:09:23	1TI
55	288 20:40:55	31			CC7CT	01 CST CONE ANGLE 1			19489:44:785F	01-288/09:09:23	1TI
56	288 20:40:55	31			AC7DDB	000480 DEAD BAND CONTROL			19489:44:785F	01-288/09:09:23	1TI
57	288 20:40:55	31			CC7AHRP	SS HTR A OFF			19489:44:785F	01-288/09:09:23	1TI
58	288 20:40:55	31			CC7BHP	SS HTR B ON			19489:44:785F	01-288/09:09:23	1TI
59	288 20:40:55	31			CC7ML	01 FDS CHAN A			19489:44:785F	01-288/09:09:23	1TI
60	288 20:40:55	31			CC7ML	09 TCAPU FAULT ENA			19489:44:785F	01-288/09:09:23	1TI
61	288 20:40:55	31			AC7PCG	61 AACS BAY 6 HTR A OFF			19489:44:785F	01-288/09:09:23	1TI
62	288 20:40:55	31			AC7PCG	71 AACS BAY 6 HTR B OFF			19489:44:785F	01-288/09:09:23	1TI
63	288 20:40:55	31			CC7MMRP	PROC/MEM 2 SELECT			19489:44:785F	01-288/09:09:23	1TI
64	288 20:40:55	31			CC7SHP	AZ SCAN ACTUATOR HTR ON			19489:44:785F	01-288/09:09:23	1TI
65	288 20:40:55	31			AC7PCG	22 CST SUN SHUTTER OFF			19489:44:785F	01-288/09:09:23	1TI
66	288 20:40:55	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			19489:44:785F	01-288/09:09:23	1TI
67	288 20:40:55	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			19489:44:785F	01-288/09:09:23	1TI
68	288 20:40:55	31			CC1PHRP	SCAN PLAT SUPL HTR OFF			19489:44:785F	01-288/09:09:23	1TI
69	288 20:40:55	31			CC77MRP	MAM OFF			19489:44:785F	01-288/09:09:23	1TI

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70	288 20:40:55	31			DC77PR	NON-PRIME FCP/MEM OFF			19489:44:785F	01-288/09:09:23	1TI
71	288 20:40:55	31			DC77XR	MAM COMMAND DISABLE			19489:44:785F	01-288/09:09:23	1TI
72	288 20:40:55	31				PYRO STATUS			19489:44:785F	01-288/09:09:23	1TI
73	288 20:40:55	31			CC8D	PSU INSTRUMENTATION ON			19489:44:785F	01-288/09:09:23	1TI
74	288 20:40:55	31			DC8XR	PYRO DISABLE			19489:44:785F	01-288/09:09:23	1TI
75	288 20:40:55	31				PROPULSION STATUS			19489:44:785F	01-288/09:09:23	1TI
76	288 20:40:55	31			CC10CRP	TCM HTR OFF			19489:44:785F	01-288/09:09:23	1TI
77	288 20:40:55	31			CC10DR	AP BR1 HTR OFF			19489:44:785F	01-288/09:09:23	1TI
78	288 20:40:55	31			CC10ER	AP BR2 HTR OFF			19489:44:785F	01-288/09:09:23	1TI
79	288 20:40:55	31			CC10TRP	TCM LINE HTRS OFF			19489:44:785F	01-288/09:09:23	1TI
80	288 20:40:55	31				DSS STATUS			19489:44:785F	01-288/09:09:23	1TI
81	288 20:40:55	31			CC16BR	DSS 10 W REPL HTR OFF			19489:44:785F	01-288/09:09:23	1TI
82	288 20:40:55	31			CC16AP	DSS ON			19489:44:785F	01-288/09:09:23	1TI
83	288 20:40:55	31			CC1DR	BAY 2 19 W HTR OFF			19489:44:785F	01-288/09:09:23	1TI
84	288 20:40:55	31			CC16C	7215 DSS CONTROL			19489:44:785F	01-288/09:09:23	1TI
85	288 20:40:55	31				SCIENCE PWR STATUS			19489:44:785F	01-288/09:09:23	1TI
86	288 20:40:55	31			CC1CR	MAG COIL OFF			19489:44:785F	01-288/09:09:23	1TI
87	288 20:40:55	31			CC21A	CRS ON			19489:44:785F	01-288/09:09:23	1TI
88	288 20:40:55	31			CC21B	CRS REPL HTR ON			19489:44:785F	01-288/09:09:23	1TI
89	288 20:40:55	31			CC21CR	CRS SUPP HTR OFF			19489:44:785F	01-288/09:09:23	1TI
90	288 20:40:55	31			CC22A	PRA ON			19489:44:785F	01-288/09:09:23	1TI
91	288 20:40:55	31			CC23A	PWS ON			19489:44:785F	01-288/09:09:23	1TI
92	288 20:40:55	31			CC25A	LECP ON			19489:44:785F	01-288/09:09:23	1TI

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93	288 20:40:55	31			CC25B	LECP STEPPER MOTOR ON			19489:44:785F	01-288/09:09:23	1TI
94	288 20:40:55	31			CC25CR	LECP REPL HTR OFF			19489:44:785F	01-288/09:09:23	1TI
95	288 20:40:55	31			CC25D	LECP MAIN SUPP HTR ON			19489:44:785F	01-288/09:09:23	1TI
96	288 20:40:55	31			CC25E	LECP LEPT SUPP HTR ON			19489:44:785F	01-288/09:09:23	1TI
97	288 20:40:55	31			CC27BR	PPS SUPP HTR OFF			19489:44:785F	01-288/09:09:23	1TI
98	288 20:40:55	31			CC32A	PLS ON			19489:44:785F	01-288/09:09:23	1TI
99	288 20:40:55	31			CC32BR	PLS SUPP HTR OFF			19489:44:785F	01-288/09:09:23	1TI
100	288 20:40:55	31			CC32C	PLS REPL HTR ON			19489:44:785F	01-288/09:09:23	1TI
101	288 20:40:55	31			CC34A	UVS ON			19489:44:785F	01-288/09:09:23	1TI
102	288 20:40:55	31			CC34B	UVS REPL HTR ON			19489:44:785F	01-288/09:09:23	1TI
103	288 20:40:55	31			CC35AR	MAG OFF			19489:44:785F	01-288/09:09:23	1TI
104	288 20:40:55	31			CC35B	MAG STANDBY ON			19489:44:785F	01-288/09:09:23	1TI
105	288 20:40:55	31			CC35GR	MAG SENSOR HTR OFF			19489:44:785F	01-288/09:09:23	1TI
106	288 20:40:55	31			CC36GR	ISS WA VID REPL HTR OFF			19489:44:785F	01-288/09:09:23	1TI
107	288 20:40:55	31			CC36H	ISS WA ELEC REPL HTR ON			19489:44:785F	01-288/09:09:23	1TI
108	288 20:40:55	31			CC36CRP	ISS NA OPTICS HTR OFF			19489:44:785F	01-288/09:09:23	1TI
109	288 20:40:55	31			CC36FRP	ISS NA VID REPL HTR OFF			19489:44:785F	01-288/09:09:23	1TI
110	288 20:40:55	31			CC36JP	ISS NA ELEC REPL HTR ON			19489:44:785F	01-288/09:09:23	1TI
111	288 20:40:55	31			CC39D	IRIS REPL HTR ON			19489:44:785F	01-288/09:09:23	1TI
112	288 20:40:55	31			CC39FR	IRIS STANDBY A SUPPLY OFF			19489:44:785F	01-288/09:09:23	1TI
113	288 20:40:55	31			CC39BR	IRIS STANDBY B SUPPLY OFF			19489:44:785F	01-288/09:09:23	1TI
114	288 20:40:55	31				SCIENCE INSTRUMENT STATUS			19489:44:785F	01-288/09:09:23	1TI
115	288 20:40:55	31			SC21AF	01000 CRS CMD WORD			19489:44:785F	01-288/09:09:23	1TI

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116	288 20:40:55	31			SC21AF	02000 CRS CMD WORD			19489:44:785F	01-288/09:09:23	1TI
117	288 20:40:55	31			SC21AF	03000 CRS CMD WORD			19489:44:785F	01-288/09:09:23	1TI
118	288 20:40:55	31			SC21AF	04000 CRS CMD WORD			19489:44:785F	01-288/09:09:23	1TI
119	288 20:40:55	31			SC21AF	05200 CRS CMD WORD			19489:44:785F	01-288/09:09:23	1TI
120	288 20:40:55	31			SC21AF	06000 CRS CMD WORD			19489:44:785F	01-288/09:09:23	1TI
121	288 20:40:55	31			SC21AF	07200 CRS CMD WORD			19489:44:785F	01-288/09:09:23	1TI
122	288 20:40:55	31			SC21AF	08200 CRS CMD WORD			19489:44:785F	01-288/09:09:23	1TI
123	288 20:40:55	31			SC21AF	10000 CRS CMD WORD			19489:44:785F	01-288/09:09:23	1TI
124	288 20:40:55	31			SC21AF	11000 CRS CMD WORD			19489:44:785F	01-288/09:09:23	1TI
125	288 20:40:55	31			SC21AF	12000 CRS CMD WORD			19489:44:785F	01-288/09:09:23	1TI
126	288 20:40:55	31			SC21AF	13012 CRS CMD WORD			19489:44:785F	01-288/09:09:23	1TI
127	288 20:40:55	31			SC21AG	CRS HV FLAG			19489:44:785F	01-288/09:09:23	1TI
128	288 20:40:55	31			SC21AH	CRS CAL-ST FLAG			19489:44:785F	01-288/09:09:23	1TI
129	288 20:40:55	31			SC22AF	1347 PRA CONFIGURATION CMD			19489:44:785F	01-288/09:09:23	1TI
130	288 20:40:55	31			SC22NU	0000 PRA MODE SELECT			19489:44:785F	01-288/09:09:23	1TI
131	288 20:40:55	31			SC23AD	5 PWS CMD WORD			19489:44:785F	01-288/09:09:23	1TI
132	288 20:40:55	31			SC25AH	1777 LECP CMD WORD			19489:44:785F	01-288/09:09:23	1TI
133	288 20:40:55	31			SC25AH	2417 LECP CMD WORD			19489:44:785F	01-288/09:09:23	1TI
134	288 20:40:55	31			SC25AH	5600 LECP CMD WORD			19489:44:785F	01-288/09:09:23	1TI
135	288 20:40:55	31			SC25AH	6032 LECP CMD WORD			19489:44:785F	01-288/09:09:23	1TI
136	288 20:40:55	31			SC25AJ	1 LECP MOTOR STEP CMD			19489:44:785F	01-288/09:09:23	1TI
137	288 20:40:55	31			SC25AN	0 LECP NEAR/FAR ENC			19489:44:785F	01-288/09:09:23	1TI
138	288 20:40:55	31			SC25AQ	5200 LECP SAFE CMD			19489:44:785F	01-288/09:09:23	1TI



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162	288 20:49:44	31				X BAND HIGH POWER			19489:56:001F	01-288/09:18:11	1T
163	288 20:49:44	31			DC2H	X-BAND TWT HIGH POWER	RFS		19489:56:002F	01-288/09:18:11	1ECr
164	288 21:26:09	31	60	SET		10 DEGREE SET DSC-60					1V
165	288 21:40:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8830					1DP
166	289 00:00:00	31				VGR-31 OWLT IS 11H 31M 33S					1L
167	289 00:50:26	31	40	RISE		10 DEGREE RISE DSC-40					1V
168	289 04:52:18	31	10	SET		10 DEGREE SET DSC-10					1V
169	289 05:32:12	31				B- RPLY14.31			19500:49:001F	01-288/18:00:35	1TB
170	289 05:32:12	31				BEGIN REPLAY31			19500:49:001F	01-288/18:00:35	1T
171	289 05:32:12	31				BEGIN TAPPOS			19500:49:001F	01-288/18:00:35	1T
172	289 05:32:12	31				TAPPOS TO 3550			19500:49:001F	01-288/18:00:35	1T
173	289 05:32:12	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		19500:49:002F	01-288/18:00:36	1ECd
174	289 05:32:12	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2642	DTR		19500:49:002F	01-288/18:00:36	1ESd
175	289 06:14:13	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		19501:41:421F	01-288/18:42:37	1ECd
176	289 06:14:13	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3550	DTR		19501:41:421F	01-288/18:42:37	1ESd
177	289 09:48:45	31	60	RISE		10 DEGREE RISE DSC-60					1V
178	289 09:58:04	31	40	SET		10 DEGREE SET DSC-40					1V
179	289 12:00:00	31				VGR-31 OWLT IS 11H 31M 38S					1L
180	289 14:45:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-8831 (D/L ONLY)					1DP







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206	289 19:13:53	31			CC6AD	(3 2 0 0) SVC-W4 FDS MEM B WRT PROTECT	FDS		19517:56:002F	01-289/07:42:12	1ECf
207	289 19:13:53	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	19517:56:002F	01-289/07:42:12	1ESf
208	289 19:13:53	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		19517:56:004F	01-289/07:42:12	1ECs
209	289 19:13:54	31				END PLAYBACK			19517:56:018F	01-289/07:42:12	1T
210	289 19:20:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8831					1DP
211	289 19:23:30	31				YAWDB - .10			19518:08:001F	01-289/07:51:47	1T
212	289 19:23:30	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		19518:08:004F	01-289/07:51:48	1ECa
213	289 21:22:14	31	60 SET			10 DEGREE SET DSC-60					1V
214	289 21:32:18	31				BEGIN TAPPOS			19520:49:001F	01-289/10:00:35	1T
215	289 21:32:18	31				TAPPOS TO 2642			19520:49:001F	01-289/10:00:35	1T
216	289 21:32:18	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		19520:49:002F	01-289/10:00:36	1ECd
217	289 21:32:18	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2069	DTR		19520:49:002F	01-289/10:00:36	1ESd
218	289 21:58:50	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		19521:22:116F	01-289/10:27:06	1ECd
219	289 21:58:50	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2642	DTR		19521:22:116F	01-289/10:27:06	1ESd
220	290 00:00:00	31				VGR-31 OWLT IS 11H 31M 43S					1L



FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
235	290 03:49:53	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:2642	DTR		19528:40:735F	01-289/16:18:08	1ESd
236	290 03:49:57	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	19528:41:001F	01-289/16:18:11	1ESf
237	290 03:49:57	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		19528:41:002F	01-289/16:18:12	1ECs
238	290 03:49:58	31				B- DRCRUS			19528:41:018F	01-289/16:18:12	1TB
239	290 03:49:58	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		19528:41:026F	01-289/16:18:13	1ECf
240	290 03:50:45	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	19528:42:001F	01-289/16:18:59	1ESf
241	290 03:50:45	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		19528:42:002F	01-289/16:19:00	1ECd
242	290 03:50:45	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2934	DTR		19528:42:002F	01-289/16:19:00	1ESd
243	290 03:50:45	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		19528:42:002F	01-289/16:19:00	1ECs

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
244	290 03:51:33	31			SC32AJ	(11) PLS CONFIG CMD	FDS		19528:43:009F	01-289/16:19:48	1ECf
245	290 03:51:34	31				END PWSREC.31			19528:43:018F	01-289/16:19:48	1T
246	290 04:05:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8832					1DP
247	290 04:48:23	31	10 SET			10 DEGREE SET DSC-10					1V
248	290 09:44:52	31	60RISE			10 DEGREE RISE DSC-60					1V
249	290 09:54:12	31	40 SET			10 DEGREE SET DSC-40					1V
250	290 12:00:00	31				VGR-31 OWLT IS 11H 31M 48S					1L
251	290 17:17:29	31	10RISE			10 DEGREE RISE DSC-10					1V
252	290 17:32:27	31				B- RPLY14.31			19545:49:001F	01-290/06:00:35	1TB
253	290 17:32:27	31				BEGIN REPLAY31			19545:49:001F	01-290/06:00:35	1T
254	290 17:32:27	31				BEGIN TAPPOS			19545:49:001F	01-290/06:00:35	1T
255	290 17:32:27	31				TAPPOS TO 2055			19545:49:001F	01-290/06:00:35	1T
256	290 17:32:27	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		19545:49:002F	01-290/06:00:36	1ECd
257	290 17:32:27	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2941	DTR		19545:49:002F	01-290/06:00:36	1ESd
258	290 18:13:26	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		19546:40:183F	01-290/06:41:34	1ECd
259	290 18:13:26	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2055	DTR		19546:40:183F	01-290/06:41:34	1ESd
260	290 21:18:19	31	60 SET			10 DEGREE SET DSC-60					1V
261	290 23:45:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8833 (U/L PASS)					1DP
262	290 23:54:05	31				YAW05			19553:46:001F	01-290/12:22:11	1T







FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
287	291 03:50:07	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:0241	DTR		19558:41:002F	01-290/16:18:12	1ESd
288	291 03:50:07	31			CC6AD	(3 2 0 0) SVC-W4 FDS MEM B WRT PROTECT	FDS		19558:41:002F	01-290/16:18:12	1ECf
289	291 03:50:07	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	19558:41:002F	01-290/16:18:12	1ESF
290	291 03:50:08	31				END PLAYBACK			19558:41:018F	01-290/16:18:12	1T
291	291 03:59:43	31				YAWDB - .10			19558:53:001F	01-290/16:27:47	1T
292	291 03:59:43	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		19558:53:004F	01-290/16:27:48	1ECa
293	291 04:44:28	31	10	SET		10 DEGREE SET DSC-10					1V
294	291 05:00:00	31	14	LO OPCH ACE		LOS DSS-14 PASS-8833					1DP
295	291 09:41:00	31	60	RISE		10 DEGREE RISE DSC-60					1V
296	291 09:50:19	31	40	SET		10 DEGREE SET DSC-40					1V
297	291 12:00:00	31				VGR-31 OWLT IS 11H 31M 59S					1L
298	291 12:45:00	31	63	AO OPCH ACE		AOS DSS-63 PASS-8833 (D/L ONLY)					1DP
299	291 17:13:36	31	10	RISE		10 DEGREE RISE DSC-10					1V
300	291 21:14:24	31	60	SET		10 DEGREE SET DSC-60					1V
301	291 21:30:00	31	63	LO OPCH ACE		LOS DSS-63 PASS-8833					1DP
302	292 00:00:00	31				VGR-31 OWLT IS 11H 32M 03S					1L
303	292 00:20:00	31	43	AO OPCH ACE		AOS DSS-43 PASS-8834 (D/L ONLY)					1DP
304	292 00:32:40	31				BEGIN TAPPOS			19584:34:001F	01-291/13:00:35	1T
305	292 00:32:40	31				TAPPOS TO 2941			19584:34:001F	01-291/13:00:35	1T

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
306	292 00:32:40	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		19584:34:002F	01-291/13:00:36	1ECd
307	292 00:32:40	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0241	DTR		19584:34:002F	01-291/13:00:36	1ESd
308	292 00:38:41	31	40RISE			10 DEGREE RISE DSC-40					1V
309	292 02:37:37	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		19587:10:130F	01-291/15:05:31	1ECd
310	292 02:37:37	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2940	DTR		19587:10:130F	01-291/15:05:31	1ESd
311	292 03:22:17	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		19588:06:002F	01-291/15:50:12	1ECd
312	292 03:22:17	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2940	DTR		19588:06:002F	01-291/15:50:12	1ESd
313	292 03:22:18	31				END REPLAY31			19588:06:018F	01-291/15:50:12	1T
314	292 03:35:00	31	43	OPCH 43		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
315	292 03:35:00	31	43	OPCH 43		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
316	292 03:36:00	31	43	OPCH 43		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD



FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
336	293 01:15:00	31	45 AO	OPCH ACE		AOS DSS-45 PASS-8835 (D/L ONLY)					1DP
337	293 02:38:02	31				B- RFSTLC			19617:10:401F	01-292/15:05:47	1TB
338	293 03:06:25	31	45	OPCH 45		== START TLC TEST DOWN-LINK ==					1TD
339	293 04:07:25	31	45	OPCH 45		== END TLC TEST DOWN-LINK ==					1TD
340	293 04:30:00	31	45 LO	OPCH ACE		LOS DSS-45 PASS-8835					1DP
341	293 04:36:39	31	10 SET			10 DEGREE SET DSC-10					1V
342	293 09:33:14	31	60RISE			10 DEGREE RISE DSC-60					1V
343	293 09:42:34	31	40 SET			10 DEGREE SET DSC-40					1V
344	293 12:00:00	31				VGR-31 OWLT IS 11H 32M 18S					1L
345	293 17:05:51	31	10RISE			10 DEGREE RISE DSC-10					1V
346	293 18:05:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8836 (D/L ONLY)					1DP
347	293 21:06:34	31	60 SET			10 DEGREE SET DSC-60					1V
348	294 00:00:00	31				VGR-31 OWLT IS 11H 32M 23S					1L
349	294 00:30:51	31	40RISE			10 DEGREE RISE DSC-40					1V
350	294 03:45:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8836					1DP
351	294 04:32:44	31	10 SET			10 DEGREE SET DSC-10					1V
352	294 09:29:22	31	60RISE			10 DEGREE RISE DSC-60					1V
353	294 09:38:41	31	40 SET			10 DEGREE SET DSC-40					1V
354	294 12:00:00	31				VGR-31 OWLT IS 11H 32M 28S					1L
355	294 17:01:58	31	10RISE			10 DEGREE RISE DSC-10					1V
356	294 18:00:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8837 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
357	294 21:02:40	31	60	SET		10 DEGREE SET DSC-60					1V
358	295 00:00:00	31				VGR-31 OWLT IS 11H 32M 33S					1L
359	295 00:26:57	31	40	RISE		10 DEGREE RISE DSC-40					1V
360	295 00:36:21	31			AC7SSB	(3 +017) SS BIAS CONTROL - PITCH	AACS		19674:38:003F	01-294/13:03:48	1ECa
361	295 03:40:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-8837					1DP
362	295 04:28:50	31	10	SET		10 DEGREE SET DSC-10					1V
363	295 09:25:29	31	60	RISE		10 DEGREE RISE DSC-60					1V
364	295 09:34:49	31	40	SET		10 DEGREE SET DSC-40					1V
365	295 12:00:00	31				VGR-31 OWLT IS 11H 32M 38S					1L
366	295 12:40:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-8837 (D/L ONLY)					1DP
367	295 16:58:05	31	10	RISE		10 DEGREE RISE DSC-10					1V
368	295 17:00:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8837					1DP
369	295 17:55:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-8838 (D/L ONLY)					1DP
370	295 20:58:45	31	60	SET		10 DEGREE SET DSC-60					1V
371	295 23:00:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-8838					1DP
372	296 00:00:00	31				VGR-31 OWLT IS 11H 32M 42S					1L
373	296 00:23:02	31	40	RISE		10 DEGREE RISE DSC-40					1V
374	296 01:00:00	31	24	AO	OPCH ACE	AOS DSS-24 PASS-8838 (D/L ONLY)					1DP
375	296 03:25:00	31	24	LO	OPCH ACE	LOS DSS-24 PASS-8838					1DP
376	296 04:24:55	31	10	SET		10 DEGREE SET DSC-10					1V
377	296 09:21:37	31	60	RISE		10 DEGREE RISE DSC-60					1V
378	296 09:30:56	31	40	SET		10 DEGREE SET DSC-40					1V
379	296 12:00:00	31				VGR-31 OWLT IS 11H 32M 47S					1L



FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
397	297 03:27:01	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:2940	DTR		19738:10:735F	01-296/15:54:08	1ESd
398	297 03:27:05	31		ACE	OPCH	FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	19738:11:001F	01-296/15:54:11	1ESf
399	297 03:27:05	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		19738:11:002F	01-296/15:54:12	1ECs
400	297 03:27:06	31				B- DRCRUS			19738:11:018F	01-296/15:54:12	1TB
401	297 03:27:06	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		19738:11:026F	01-296/15:54:13	1ECf
402	297 03:27:53	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	19738:12:001F	01-296/15:54:59	1ESf
403	297 03:27:53	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		19738:12:002F	01-296/15:55:00	1ECs
404	297 03:27:53	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		19738:12:002F	01-296/15:55:00	1ECd
405	297 03:27:53	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:3232	DTR		19738:12:002F	01-296/15:55:00	1ESd

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
406	297 03:28:41	31			SC32AJ	(11) PLS CONFIG CMD	FDS		19738:13:009F	01-296/15:55:48	1ECf
407	297 03:28:42	31				END PWSREC.31			19738:13:018F	01-296/15:55:48	1T
408	297 04:21:00	31	10 SET			10 DEGREE SET DSC-10					1V
409	297 06:31:55	31			AC7SSB	(4 +150) SS BIAS CONTROL --- YAW	AACS		19742:02:003F	01-296/18:59:00	1ECa
410	297 09:17:44	31	60RISE			10 DEGREE RISE DSC-60					1V
411	297 09:27:04	31	40 SET			10 DEGREE SET DSC-40					1V
412	297 10:15:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8839 (D/L ONLY)					1DP
413	297 12:00:00	31				VGR-31 OWLT IS 11H 32M 57S					1L
414	297 13:05:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8839					1DP
415	297 16:50:20	31	10RISE			10 DEGREE RISE DSC-10					1V
416	297 17:19:59	31				TAPPOS-1705			19755:32:001F	01-297/05:46:59	1T
417	297 17:19:59	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		19755:32:002F	01-297/05:46:59	1ECd
418	297 17:19:59	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3239	DTR		19755:32:002F	01-297/05:46:59	1ESd
419	297 18:15:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8840 (D/L ONLY)					1DP
420	297 18:31:01	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		19757:00:635F	01-297/06:58:01	1ECd
421	297 18:31:01	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1704	DTR		19757:00:635F	01-297/06:58:01	1ESd
422	297 18:59:59	31				FWD/TRK 3			19757:37:001F	01-297/07:26:59	1T
423	297 18:59:59	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		19757:37:002F	01-297/07:26:59	1ECd





FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
441	297 20:12:00	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		19759:07:009F	01-297/08:39:00	1ECf
442	297 20:12:48	31				BEGIN PLAYBACK			19759:08:001F	01-297/08:39:47	1T
443	297 20:12:48	31		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PA/FDS11	FDS	PB-14	19759:08:001F	01-297/08:39:47	1ESf
444	297 20:12:48	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		19759:08:001F	01-297/08:39:47	1ECs
445	297 20:12:48	31			CC6AD	(3 2 0 2) SVC-W4 FDS MEM B WRT PROTECT	FDS		19759:08:002F	01-297/08:39:47	1ECf
446	297 20:12:48	31		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PA/FDS11	FDS	PB-14	19759:08:002F	01-297/08:39:47	1ESf
447	297 20:12:48	31			CC16C	(1210) DTR STATE SELECT:PLAYBACK	DTR		19759:08:004F	01-297/08:39:48	1ECd
448	297 20:12:48	31				DTR STATUS MODE:PLAY RATE:007.2K DIR:F TRK:3 TIC:1704	DTR		19759:08:004F	01-297/08:39:48	1ESd
449	297 20:12:49	31				END DDPB1431			19759:08:018F	01-297/08:39:48	1T
450	297 20:50:55	31	60 SET			10 DEGREE SET DSC-60					1V
451	297 21:39:53	31			EOT	END OF TAPE			19760:56:676F	01-297/10:06:52	1Ed
452	297 21:39:54	31			EOT	END OF TAPE			19760:56:680F	01-297/10:06:52	1Ed
453	298 00:00:00	31				VGR-31 OWLT IS 11H 33M 01S					1L



FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
467	298 02:48:03	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	19767:22:003F	01-297/15:15:00	1ESf
468	298 02:48:04	31				END PLAYBACK			19767:22:018F	01-297/15:15:00	1T
469	298 03:02:27	31				B- YAWDB			19767:40:001F	01-297/15:29:23	1TB
470	298 03:02:27	31				YAWDB - .10			19767:40:001F	01-297/15:29:23	1T
471	298 03:02:27	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		19767:40:004F	01-297/15:29:24	1ECa
472	298 03:30:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8840					1DP
473	298 04:17:06	31	10 SET			10 DEGREE SET DSC-10					1V
474	298 09:13:52	31	60RISE			10 DEGREE RISE DSC-60					1V
475	298 09:23:11	31	40 SET			10 DEGREE SET DSC-40					1V
476	298 12:00:00	31				VGR-31 OWLT IS 11H 33M 06S					1L
477	298 16:46:27	31	10RISE			10 DEGREE RISE DSC-10					1V
478	298 18:36:09	31				TAPPOS-0550			19787:07:001F	01-298/07:02:59	1T
479	298 18:36:09	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		19787:07:002F	01-298/07:02:59	1ECd
480	298 18:36:09	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3470	DTR		19787:07:002F	01-298/07:02:59	1ESd
481	298 20:47:01	31	60 SET			10 DEGREE SET DSC-60					1V
482	298 20:51:18	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		19789:55:741F	01-298/09:18:08	1ECd
483	298 20:51:18	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0550	DTR		19789:55:741F	01-298/09:18:08	1ESd

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
484	298 21:24:10	31				FWD/TRK 1			19790:37:001F	01-298/09:50:59	1T
485	298 21:24:10	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		19790:37:002F	01-298/09:50:59	1ECd
486	298 21:24:10	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0550	DTR		19790:37:002F	01-298/09:50:59	1ESd
487	298 21:24:11	31				END DAIN31			19790:37:018F	01-298/09:51:00	1T
488	298 23:30:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8841 (D/L ONLY)					1DP
489	299 00:00:00	31				VGR-31 OWLT IS 11H 33M 11S					1L
490	299 00:11:18	31	40RISE			10 DEGREE RISE DSC-40					1V
491	299 03:40:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8841					1DP
492	299 04:13:12	31	10 SET			10 DEGREE SET DSC-10					1V
493	299 09:09:59	31	60RISE			10 DEGREE RISE DSC-60					1V
494	299 09:19:19	31	40 SET			10 DEGREE SET DSC-40					1V
495	299 12:00:00	31				VGR-31 OWLT IS 11H 33M 15S					1L
496	299 15:45:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8841 (D/L ONLY)					1DP
497	299 16:42:34	31	10RISE			10 DEGREE RISE DSC-10					1V
498	299 18:45:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-8841					1DP
499	299 19:00:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8842 (D/L ONLY)					1DP
500	299 19:21:06	31				B- MISCMD			19818:03:001F	01-299/07:47:47	1TB
501	299 19:21:06	31				MISCMD -			19818:03:001F	01-299/07:47:47	1T
502	299 19:21:06	31			AC7PAR	(6740 001700) +PITCH DB=.10 DEG	AACS		19818:03:004F	01-299/07:47:48	1ECa
503	299 19:21:54	31				B- GYONBC.31			19818:04:001F	01-299/07:48:35	1TB
504	299 19:21:54	31				BEGIN GYONBC31			19818:04:001F	01-299/07:48:35	1T

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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
505	299 19:21:54	31			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		19818:04:003F	01-299/07:48:36	1ECa
506	299 19:21:54	31			CC7GARP	GYRO A OFF	PWR		19818:04:004F	01-299/07:48:36	1ECp
507	299 19:21:54	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: OFF	AACS	19818:04:004F	01-299/07:48:36	1ESa	
508	299 19:21:54	31			CC7GARP	GYRO A OFF	PWR		19818:04:006F	01-299/07:48:36	1ECp
509	299 19:21:54	31			CC7PC	(352) GYRO A OFF	AACS		19818:04:008F	01-299/07:48:36	1ECa
510	299 19:21:54	31			CC7GCP	GYRO C ON	PWR		19818:04:009F	01-299/07:48:36	1ECp
511	299 19:21:54	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: ON	AACS	19818:04:009F	01-299/07:48:36	1ESa	
512	299 19:21:55	31			CC7GCP	GYRO C ON	PWR		19818:04:011F	01-299/07:48:36	1ECp
513	299 19:21:55	31			CC7PC	(373) GYRO C ON	AACS		19818:04:013F	01-299/07:48:36	1ECa
514	299 19:21:55	31			CC7GBP	GYRO B ON	PWR		19818:04:013F	01-299/07:48:36	1ECp
515	299 19:21:55	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS	19818:04:013F	01-299/07:48:36	1ESa	
516	299 19:21:55	31			CC7GBP	GYRO B ON	PWR		19818:04:015F	01-299/07:48:36	1ECp
517	299 19:21:55	31			CC7PC	(363) GYRO B ON	AACS		19818:04:018F	01-299/07:48:36	1ECa
518	299 19:22:23	31				DRIRU INITIALIZATION			19818:04:484F	01-299/07:49:04	1T
519	299 19:22:24	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		19818:04:502F	01-299/07:49:06	1ECa

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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
520	299 19:22:53	31				SET CALIB			19818:05:184F	01-299/07:49:34	1T
521	299 19:22:54	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		19818:05:204F	01-299/07:49:36	1ECa
522	299 19:31:53	31				START GYRO FAULT TEST			19818:16:384F	01-299/07:58:34	1T
523	299 19:31:54	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		19818:16:402F	01-299/07:58:36	1ECa
524	299 19:31:55	31				END GYONBC31			19818:16:418F	01-299/07:58:36	1T
525	299 20:00:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8842					1DP
526	299 20:21:55	31				B- CCSTIMB			19819:19:001F	01-299/08:48:35	1TB
527	299 20:21:55	31				EXECUTE CCSTIMB FINE			19819:19:001F	01-299/08:48:35	1T
528	299 20:43:06	31	60 SET			10 DEGREE SET DSC-60					1V
529	299 23:30:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8842 (D/L ONLY)					1DP
530	300 00:00:00	31				VGR-31 OWLT IS 11H 33M 20S					1L
531	300 00:07:23	31	40RISE			10 DEGREE RISE DSC-40					1V
532	300 03:20:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8842					1DP
533	300 04:09:17	31	10 SET			10 DEGREE SET DSC-10					1V
534	300 09:06:07	31	60RISE			10 DEGREE RISE DSC-60					1V
535	300 09:15:26	31	40 SET			10 DEGREE SET DSC-40					1V
536	300 12:00:00	31				VGR-31 OWLT IS 11H 33M 25S					1L
537	300 15:15:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8842 (D/L ONLY)					1DP
538	300 16:38:42	31	10RISE			10 DEGREE RISE DSC-10					1V
539	300 18:25:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8843 (D/L ONLY)					1DP
540	300 18:45:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-8842					1DP
541	300 20:39:12	31	60 SET			10 DEGREE SET DSC-60					1V
542	301 00:00:00	31				VGR-31 OWLT IS 11H 33M 29S					1L

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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
543	301 00:03:29	31	40RISE			10 DEGREE RISE DSC-40					1V
544	301 03:35:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8843					1DP
545	301 04:05:23	31	10 SET			10 DEGREE SET DSC-10					1V
546	301 09:02:14	31	60RISE			10 DEGREE RISE DSC-60					1V
547	301 09:11:34	31	40 SET			10 DEGREE SET DSC-40					1V
548	301 10:00:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8843 (D/L ONLY)					1DP
549	301 12:00:00	31				VGR-31 OWLT IS 11H 33M 34S					1L
550	301 12:42:10	31			AC7SSB	(4 +151) SS BIAS CONTROL --- YAW	AACS		19869:44:003F	01-301/01:08:36	1ECa
551	301 16:34:49	31	10RISE			10 DEGREE RISE DSC-10					1V
552	301 17:35:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8844 (D/L ONLY)					1DP
553	301 20:05:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8843					1DP
554	301 20:35:17	31	60 SET			10 DEGREE SET DSC-60					1V
555	301 23:59:34	31	40RISE			10 DEGREE RISE DSC-40					1V
556	302 00:00:00	31				VGR-31 OWLT IS 11H 33M 38S					1L
557	302 03:15:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8844					1DP
558	302 04:01:29	31	10 SET			10 DEGREE SET DSC-10					1V
559	302 08:58:22	31	60RISE			10 DEGREE RISE DSC-60					1V
560	302 09:07:41	31	40 SET			10 DEGREE SET DSC-40					1V
561	302 12:00:00	31				VGR-31 OWLT IS 11H 33M 43S					1L
562	302 16:30:56	31	10RISE			10 DEGREE RISE DSC-10					1V
563	302 16:40:44	31			AC7SSB	(3 +016) SS BIAS CONTROL - PITCH	AACS		19904:42:003F	01-302/05:07:00	1ECa
564	302 20:31:23	31	60 SET			10 DEGREE SET DSC-60					1V
565	302 21:00:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8845 (D/L ONLY)					1DP





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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
581	303 20:22:31	31	14	OPCH 14		START ASCAL =====					1TD
						DSS-14: MONITOR X-BD AGC VARIATIONS DURING ASCAL IF X-BD RCVR DROPS LOCK INITIATE AUTO ACQUIRE					
582	303 20:23:19	31		ACE OPCH			FDS	CE-40	19939:20:001F	01-303/08:49:23	1ESF
						FDS STATUS EL-40/X40/S40 MEM:PA/FDS11					
583	303 20:23:19	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		19939:20:002F	01-303/08:49:24	1ECs
584	303 20:27:28	31	60	SET		10 DEGREE SET DSC-60					1V
585	303 20:38:31	31				.05 ALL AXES DEADBAND			19939:39:001F	01-303/09:04:35	1T
586	303 20:38:31	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		19939:39:003F	01-303/09:04:36	1ECa
587	303 20:54:31	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		19939:59:002F	01-303/09:20:36	1ECa
588	303 20:54:31	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		19939:59:002F	01-303/09:20:36	1ESa
589	303 20:54:31	31			CC7GARP	GYRO A OFF	PWR		19939:59:003F	01-303/09:20:36	1ECp
590	303 20:54:31	31			CC7GARP	GYRO A OFF	PWR		19939:59:005F	01-303/09:20:36	1ECp
591	303 20:54:31	31			CC7PC	(352) GYRO A OFF	AACS		19939:59:007F	01-303/09:20:36	1ECa
592	303 20:54:31	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		19939:59:007F	01-303/09:20:36	1ECp
593	303 20:54:31	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		19939:59:010F	01-303/09:20:36	1ECp
594	303 20:54:32	31			CC7PC	(312) DUMMY PWR CMD	AACS		19939:59:012F	01-303/09:20:36	1ECa

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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
595	303 20:55:18	31	14	OPCH 14		ASCAL =====					1TD
						START YAW DRIFT TURNS					
596	303 20:55:19	31				START FIRST YAW DRIFT TURN			19940:00:001F	01-303/09:21:23	1T
597	303 20:55:19	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		19940:00:003F	01-303/09:21:24	1ECa
598	303 20:59:19	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		19940:05:003F	01-303/09:25:24	1ECa
599	303 21:07:19	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		19940:15:003F	01-303/09:33:24	1ECa
600	303 21:11:19	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		19940:20:003F	01-303/09:37:24	1ECa
601	303 21:11:19	31	14	OPCH 14		ASCAL =====					1TD
						END YAW DRIFT TURNS					
602	303 21:11:20	31				END THIRD YAW DRIFT TURN			19940:20:018F	01-303/09:37:24	1T
603	303 21:12:06	31	14	OPCH 14		ASCAL =====					1TD
						START PITCH DRIFT TURNS					
604	303 21:12:07	31				START FIRST PITCH DRIFT TURN			19940:21:001F	01-303/09:38:11	1T
605	303 21:12:07	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		19940:21:003F	01-303/09:38:12	1ECa
606	303 21:16:07	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		19940:26:003F	01-303/09:42:12	1ECa
607	303 21:24:07	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		19940:36:003F	01-303/09:50:12	1ECa
608	303 21:28:07	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		19940:41:003F	01-303/09:54:12	1ECa
609	303 21:28:07	31	14	OPCH 14		ASCAL =====					1TD
						END PITCH DRIFT TURNS					



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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
626	303 21:32:24	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		19940:46:288F	01-303/09:58:29	1ECp
627	303 21:32:24	31			CC7PC	(312) DUMMY PWR CMD	AACS		19940:46:290F	01-303/09:58:29	1ECa
628	303 21:33:43	31				B- MISCMD			19940:48:001F	01-303/09:59:47	1TB
629	303 21:33:43	31				MISCMD -			19940:48:001F	01-303/09:59:47	1T
630	303 21:33:43	31			AC7PAR	(6740 001700) +PITCH DB=.10 DEG	AACS		19940:48:004F	01-303/09:59:48	1ECa
631	303 21:34:31	31				B- DRCRUS			19940:49:001F	01-303/10:00:35	1TB
632	303 21:34:31	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		19940:49:009F	01-303/10:00:36	1ECf
633	303 21:35:19	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	19940:50:001F	01-303/10:01:23	1ESf
634	303 21:35:19	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		19940:50:002F	01-303/10:01:23	1ECs
635	303 21:40:55	31				B- YAWDB			19940:57:001F	01-303/10:06:59	1TB
636	303 21:40:55	31				YAWDB - .10			19940:57:001F	01-303/10:06:59	1T
637	303 21:40:55	31				B- ROLLDB			19940:57:001F	01-303/10:06:59	1TB
638	303 21:40:55	31				ROLLDB - .25			19940:57:001F	01-303/10:06:59	1T
639	303 21:40:55	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		19940:57:003F	01-303/10:07:00	1ECa
640	303 21:40:55	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		19940:57:005F	01-303/10:07:00	1ECa
641	303 21:40:56	31	14	OPCH 14		END ASCAL					1TD
642	303 21:42:31	31				RESTART GYRO FAULT TEST			19940:59:001F	01-303/10:08:35	1T





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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
666	304 03:04:10	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		19947:41:026F	01-303/15:30:13	1ECf
667	304 03:04:57	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	19947:42:001F	01-303/15:30:59	1ESf
668	304 03:04:57	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		19947:42:002F	01-303/15:31:00	1ECs
669	304 03:04:57	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		19947:42:002F	01-303/15:31:00	1ECd
670	304 03:04:57	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0843	DTR		19947:42:002F	01-303/15:31:00	1ESd
671	304 03:05:45	31			SC32AJ	(11) PLS CONFIG CMD	FDS		19947:43:009F	01-303/15:31:48	1ECf
672	304 03:05:46	31				END PWSREC.31			19947:43:018F	01-303/15:31:48	1T
673	304 03:53:40	31	10	SET		10 DEGREE SET DSC-10					1V
674	304 08:50:37	31	60	RISE		10 DEGREE RISE DSC-60					1V
675	304 08:59:56	31	40	SET		10 DEGREE SET DSC-40					1V
676	304 12:00:00	31				VGR-31 OWLT IS 11H 34M 00S					1L
677	304 15:30:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-8846 (D/L ONLY)					1DP
678	304 16:23:11	31	10	RISE		10 DEGREE RISE DSC-10					1V
679	304 17:41:02	31				B- DAIN.31			19965:57:001F	01-304/06:06:59	1TB
680	304 17:41:02	31				BEGIN DAIN31			19965:57:001F	01-304/06:06:59	1T
681	304 20:20:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-8847 (D/L ONLY)					1DP



FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
682	304 20:23:34	31	60	SET		10 DEGREE SET DSC-60					1V
683	304 20:40:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8846					1DP
684	304 22:09:52	31				B- RFSTLC			19971:33:001F	01-304/10:35:47	1TB
685	304 22:40:05	31	25		OPCH 25	== START TLC TEST DOWN-LINK ==					1TD
686	304 23:41:05	31	25		OPCH 25	== END TLC TEST DOWN-LINK ==					1TD
687	304 23:47:51	31		40RISE		10 DEGREE RISE DSC-40					1V
688	305 00:00:00	31				VGR-31 OWLT IS 11H 34M 05S					1L
689	305 03:05:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-8847					1DP
690	305 03:49:46	31	10	SET		10 DEGREE SET DSC-10					1V
691	305 08:46:44	31		60RISE		10 DEGREE RISE DSC-60					1V
692	305 08:56:04	31	40	SET		10 DEGREE SET DSC-40					1V
693	305 09:45:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-8847 (D/L ONLY)					1DP
694	305 12:00:00	31				VGR-31 OWLT IS 11H 34M 09S					1L
695	305 12:45:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-8847					1DP
696	305 16:19:19	31		10RISE		10 DEGREE RISE DSC-10					1V
697	305 18:52:24	31			AC7SSB	(4 +152) SS BIAS CONTROL --- YAW	AACS		19997:26:003F	01-305/07:18:12	1ECa
698	305 20:19:40	31	60	SET		10 DEGREE SET DSC-60					1V
699	305 23:25:00	31	43	AO	OPCH ACE	AOS DSS-43 PASS-8848 (D/L ONLY)					1DP
700	305 23:43:57	31		40RISE		10 DEGREE RISE DSC-40					1V
701	306 00:00:00	31				VGR-31 OWLT IS 11H 34M 13S					1L
702	306 03:35:00	31	43	LO	OPCH ACE	LOS DSS-43 PASS-8848					1DP



FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
721	306 20:24:33	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	20029:21:001F	01-306/08:50:11	1ESf
722	306 20:24:33	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		20029:21:002F	01-306/08:50:11	1ECs
723	306 20:30:58	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR COMMANDED TURN D/L AGC VARIATIONS EXPECTED					11EC
724	306 20:32:58	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		20029:31:419F	01-306/08:58:37	1ECa
725	306 20:32:58	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		20029:31:419F	01-306/08:58:37	1ESa
726	306 20:32:58	31			CC7GARP	GYRO A OFF	PWR		20029:31:420F	01-306/08:58:37	1ECp
727	306 20:32:58	31			CC7GARP	GYRO A OFF	PWR		20029:31:422F	01-306/08:58:37	1ECp
728	306 20:32:58	31			CC7PC	(352) GYRO A OFF	AACS		20029:31:424F	01-306/08:58:37	1ECa
729	306 20:32:58	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		20029:31:425F	01-306/08:58:37	1ECp
730	306 20:32:58	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		20029:31:427F	01-306/08:58:37	1ECp
731	306 20:32:59	31			CC7PC	(312) DUMMY PWR CMD	AACS		20029:31:429F	01-306/08:58:37	1ECa
732	306 20:35:58	31			AC7TCD	(322 033478) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		20029:35:220F	01-306/09:01:37	1ECa
733	306 23:40:03	31	40RISE			10 DEGREE RISE DSC-40					1V
734	307 00:00:00	31				VGR-31 OWLT IS 11H 34M 22S					1L
735	307 01:04:11	31			SC32AJ	(10) PLS CONFIG CMD	FDS		20035:10:426F	01-306/13:29:49	1ECf
736	307 01:37:43	31			SC32AJ	(11) PLS CONFIG CMD	FDS		20035:52:342F	01-306/14:03:20	1ECf

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
737	307 02:11:15	31				ROLL TURN COMPLETE (NOMINAL)			20036:34:268F	01-306/14:36:51	1T
738	307 02:12:47	31			CC7PC	(345) CMDED TURN COMPLETE	AACS		20036:36:200F	01-306/14:38:23	1ECa
739	307 02:15:00	31			SC32AJ	(11) PLS CONFIG CMD	FDS		20036:39:026F	01-306/14:40:37	1ECf
740	307 02:24:00	31				RESET CALIB			20036:50:218F	01-306/14:49:36	1T
741	307 02:24:00	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		20036:50:220F	01-306/14:49:37	1ECa
742	307 02:24:30	31			CC7SS	(1) SS SEARCH ENABLE	AACS		20036:50:719F	01-306/14:50:07	1ECa
743	307 02:24:30	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS	20036:50:719F	01-306/14:50:07	1ESa	
744	307 02:24:30	31			CC7PC	(327) IDET ACQUIRED	AACS		20036:50:719F	01-306/14:50:07	1ECa
745	307 02:24:30	31			CC7GARP	GYRO A OFF	PWR		20036:50:720F	01-306/14:50:07	1ECp
746	307 02:24:30	31			CC7GARP	GYRO A OFF	PWR		20036:50:722F	01-306/14:50:07	1ECp
747	307 02:24:30	31			CC7PC	(352) GYRO A OFF	AACS		20036:50:724F	01-306/14:50:07	1ECa
748	307 02:24:30	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		20036:50:725F	01-306/14:50:07	1ECp
749	307 02:24:30	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		20036:50:727F	01-306/14:50:07	1ECp
750	307 02:24:31	31			CC7PC	(312) DUMMY PWR CMD	AACS		20036:50:729F	01-306/14:50:07	1ECa
751	307 02:30:30	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		20036:58:319F	01-306/14:56:07	1ECa
752	307 02:31:35	31				GYROS OFF			20036:59:601F	01-306/14:57:11	1T
753	307 02:31:35	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS	20036:59:602F	01-306/14:57:12	1ESa	
754	307 02:31:35	31			CC7PC	(307) STAR ACQUIRED	AACS		20036:59:602F	01-306/14:57:12	1ECa



FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
771	307 02:40:00	31				B- YAWDB			20037:10:218F	01-306/15:05:36	1TB
772	307 02:40:00	31				YAWDB - .10			20037:10:218F	01-306/15:05:36	1T
773	307 02:40:00	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		20037:10:221F	01-306/15:05:37	1ECa
774	307 02:43:00	31				B- DRCRUS			20037:14:018F	01-306/15:08:36	1TB
775	307 02:43:00	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		20037:14:026F	01-306/15:08:37	1ECf
776	307 02:43:47	31		ACE	OPCH		FDS	CR-5T	20037:15:001F	01-306/15:09:23	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
777	307 02:43:47	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		20037:15:002F	01-306/15:09:23	1ECs
778	307 02:43:48	31				END MAGROLBC31			20037:15:018F	01-306/15:09:24	1T
779	307 02:43:48	31				END GAIN31			20037:15:018F	01-306/15:09:24	1T
780	307 03:05:00	31	14 LO	OPCH	ACE	LOS DSS-14 PASS-8849					1DP
781	307 03:41:58	31	10 SET			10 DEGREE SET DSC-10					1V
782	307 08:39:00	31	60RISE			10 DEGREE RISE DSC-60					1V
783	307 08:48:19	31	40 SET			10 DEGREE SET DSC-40					1V
784	307 12:00:00	31				VGR-31 OWLT IS 11H 34M 26S					1L
785	307 16:11:33	31	10RISE			10 DEGREE RISE DSC-10					1V
786	307 16:55:00	31	15 AO	OPCH	ACE	AOS DSS-15 PASS-8850 (D/L ONLY)					1DP
787	307 20:05:00	31	24 AO	OPCH	ACE	AOS DSS-24 PASS-8850 (D/L ONLY)					1DP
788	307 20:11:51	31	60 SET			10 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
789	307 20:15:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8850					1DP
790	307 23:36:08	31	40RISE			10 DEGREE RISE DSC-40					1V
791	308 00:00:00	31				VGR-31 OWLT IS 11H 34M 30S					1L
792	308 00:40:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8850					1DP
793	308 03:38:04	31	10 SET			10 DEGREE SET DSC-10					1V
794	308 08:35:07	31	60RISE			10 DEGREE RISE DSC-60					1V
795	308 08:44:27	31	40 SET			10 DEGREE SET DSC-40					1V
796	308 12:00:00	31				VGR-31 OWLT IS 11H 34M 35S					1L
797	308 12:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8850 (D/L ONLY)					1DP
798	308 16:07:41	31	10RISE			10 DEGREE RISE DSC-10					1V
799	308 19:45:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8851 (D/L ONLY)					1DP
800	308 20:05:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8850					1DP
801	308 20:07:57	31	60 SET			10 DEGREE SET DSC-60					1V
802	308 23:32:14	31	40RISE			10 DEGREE RISE DSC-40					1V
803	309 00:00:00	31				VGR-31 OWLT IS 11H 34M 39S					1L
804	309 02:45:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8851					1DP
805	309 03:34:10	31	10 SET			10 DEGREE SET DSC-10					1V
806	309 08:31:15	31	60RISE			10 DEGREE RISE DSC-60					1V
807	309 08:40:34	31	40 SET			10 DEGREE SET DSC-40					1V
808	309 09:30:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8851 (D/L ONLY)					1DP
809	309 12:00:00	31				VGR-31 OWLT IS 11H 34M 43S					1L
810	309 16:00:08	31				B- MEMUPD			20113:50:001F	01-309/04:25:23	1TB
811	309 16:00:08	31				MEMUPD - RESTORE SCANPLAT			20113:50:001F	01-309/04:25:23	1T

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
812	309 16:00:55	31				B- PASS.2			20113:50:784F	01-309/04:26:10	1TB
813	309 16:00:56	31				B- PASS.3			20113:51:001F	01-309/04:26:11	1TB
814	309 16:00:57	31				B- PASS.2			20113:51:018F	01-309/04:26:12	1TB
815	309 16:03:48	31	10RISE			10 DEGREE RISE DSC-10					1V
816	309 19:35:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8851					1DP
817	309 20:04:03	31	60 SET			10 DEGREE SET DSC-60					1V
818	309 23:28:20	31	40RISE			10 DEGREE RISE DSC-40					1V
819	310 00:00:00	31				VGR-31 OWLT IS 11H 34M 47S					1L
820	310 00:45:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8852 (U/L PASS)					1DP
821	310 01:02:35	31			AC7SSB	(4 +153) SS BIAS CONTROL --- YAW	AACS		20125:08:003F	01-309/13:27:48	1ECa
822	310 01:35:00	31	14	OPCH 14		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
823	310 01:35:00	31	14	OPCH 14		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
824	310 01:36:00	31	14	OPCH 14		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
825	310 01:37:00	31	14	OPCH 14		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD



FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
826	310 02:02:00	31	14	OPCH 14		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
827	310 03:30:16	31	10	SET		10 DEGREE SET DSC-10					1V
828	310 03:45:00	31	14	LO OPCH ACE		LOS DSS-14 PASS-8852					1DP
829	310 08:27:23	31	60	RISE		10 DEGREE RISE DSC-60					1V
830	310 08:36:42	31	40	SET		10 DEGREE SET DSC-40					1V
831	310 08:45:02	31			AC7SSB	(3 +015) SS BIAS CONTROL - PITCH	AACS		20134:46:003F	01-309/21:10:12	1ECa
832	310 12:00:00	31				VGR-31 OWLT IS 11H 34M 51S					1L
833	310 15:45:00	31	54	AO OPCH ACE		AOS DSS-54 PASS-8852 (D/L ONLY)					1DP
834	310 15:59:56	31	10	RISE		10 DEGREE RISE DSC-10					1V
835	310 18:15:00	31	54	LO OPCH ACE		LOS DSS-54 PASS-8852					1DP
836	310 20:00:09	31	60	SET		10 DEGREE SET DSC-60					1V
837	310 23:24:26	31	40	RISE		10 DEGREE RISE DSC-40					1V
838	311 00:00:00	31				VGR-31 OWLT IS 11H 34M 55S					1L
839	311 00:30:00	31	14	AO OPCH ACE		AOS DSS-14 PASS-8853 (D/L ONLY)					1DP
840	311 00:40:19	31				B- RFSTLC			20154:40:001F	01-310/13:05:23	1TB
841	311 01:11:48	31	14	OPCH 14		== START TLC TEST DOWN-LINK ==					1TD
842	311 02:12:48	31	14	OPCH 14		== END TLC TEST DOWN-LINK ==					1TD
843	311 02:36:08	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf



FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
855	311 02:41:08	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		20157:11:002F	01-310/15:06:12	1ECs
856	311 02:41:09	31				B- DRCRUS			20157:11:018F	01-310/15:06:12	1TB
857	311 02:41:09	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		20157:11:026F	01-310/15:06:13	1ECF
858	311 02:41:56	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	20157:12:001F	01-310/15:06:59	1ESF
859	311 02:41:56	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		20157:12:002F	01-310/15:07:00	1ECs
860	311 02:41:56	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		20157:12:002F	01-310/15:07:00	1ECd
861	311 02:41:56	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1142	DTR		20157:12:002F	01-310/15:07:00	1ESd
862	311 02:42:44	31			SC32AJ	(11) PLS CONFIG CMD	FDS		20157:13:009F	01-310/15:07:48	1ECf
863	311 02:42:45	31				END PWSREC.31			20157:13:018F	01-310/15:07:48	1T
864	311 03:26:22	31	10 SET			10 DEGREE SET DSC-10					1V
865	311 03:40:00	31	14 LO	OPCH	ACE	LOS DSS-14 PASS-8853					1DP
866	311 08:23:30	31	60RISE			10 DEGREE RISE DSC-60					1V
867	311 08:32:50	31	40 SET			10 DEGREE SET DSC-40					1V
868	311 12:00:00	31				VGR-31 OWLT IS 11H 34M 59S					1L













FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
960	314 16:55:12	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		20264:58:009F	01-314/05:19:48	1ECf
961	314 16:55:57	31				REPLAY BACK LOST DATA			20264:58:751F	01-314/05:20:32	1T
962	314 16:55:58	31			CC16C	(1213) DTR STATE SELECT:PLAYBACK	DTR		20264:58:769F	01-314/05:20:34	1ECd
963	314 16:55:58	31				DTR STATUS MODE:PLAY RATE:007.2K DIR:F TRK:3 TIC:1705	DTR		20264:58:769F	01-314/05:20:34	1ESd
964	314 16:56:00	31		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PA/FDS11	FDS	PB-14	20264:59:001F	01-314/05:20:35	1ESf
965	314 16:56:00	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		20264:59:002F	01-314/05:20:35	1ECs
966	314 16:56:00	31			CC6AD	(3 2 0 2) SVC-W4 FDS MEM B WRT PROTECT	FDS		20264:59:002F	01-314/05:20:36	1ECf
967	314 16:56:00	31		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PA/FDS11	FDS	PB-14	20264:59:002F	01-314/05:20:36	1ESf
968	314 18:23:02	31			EOT	END OF TAPE			20266:47:622F	01-314/06:47:37	1Ed
969	314 18:23:02	31			EOT	END OF TAPE			20266:47:626F	01-314/06:47:37	1Ed
970	314 19:44:33	31	60 SET			10 DEGREE SET DSC-60					1V
971	314 20:59:48	31			BOT	BEGIN OF TAPE			20270:03:565F	01-314/09:24:21	1Ed
972	314 20:59:48	31			BOT	BEGIN OF TAPE			20270:03:569F	01-314/09:24:22	1Ed









FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT 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	316 16:01:51	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		20323:51:010F	01-316/04:26:12	1ECf
1037	316 16:02:39	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	20323:52:001F	01-316/04:26:59	1ESf
1038	316 16:02:39	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		20323:52:002F	01-316/04:26:59	1ECs
1039	316 18:50:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8858					1DP
1040	316 19:36:45	31	60 SET			10 DEGREE SET DSC-60					1V
1041	316 23:01:02	31	40RISE			10 DEGREE RISE DSC-40					1V
1042	317 00:00:00	31				VGR-31 OWLT IS 11H 35M 42S					1L
1043	317 00:45:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8859 (D/L ONLY)					1DP
1044	317 02:15:00	31	14	OPCH 14		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
1045	317 02:15:00	31	14	OPCH 14		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
1046	317 02:16:00	31	14	OPCH 14		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD







FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1078	318 02:18:02	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		20366:41:002F	01-317/14:42:12	1ECs
1079	318 02:18:03	31				B- DRCRUS			20366:41:018F	01-317/14:42:12	1TB
1080	318 02:18:03	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		20366:41:026F	01-317/14:42:13	1ECF
1081	318 02:18:50	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	20366:42:001F	01-317/14:42:59	1ESF
1082	318 02:18:50	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		20366:42:002F	01-317/14:42:59	1ECs
1083	318 02:18:50	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		20366:42:002F	01-317/14:43:00	1ECd
1084	318 02:18:50	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1442	DTR		20366:42:002F	01-317/14:43:00	1ESd
1085	318 02:19:38	31			SC32AJ	(11) PLS CONFIG CMD	FDS		20366:43:009F	01-317/14:43:48	1ECf
1086	318 02:19:39	31				END PWSREC.31			20366:43:018F	01-317/14:43:48	1T
1087	318 02:54:37	31	43	OPCH	43	== END TLC TEST DOWN-LINK ==					1TD
1088	318 02:59:06	31	10	SET		10 DEGREE SET DSC-10					1V
1089	318 03:30:00	31	43	LO	OPCH ACE	LOS DSS-43 PASS-8860					1DP
1090	318 07:56:24	31	60	RISE		10 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1091	318 08:05:43	31	40	SET		10 DEGREE SET DSC-40					1V
1092	318 09:10:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-8860 (D/L ONLY)					1DP
1093	318 11:50:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-8860					1DP
1094	318 12:00:00	31				VGR-31 OWLT IS 11H 35M 53S					1L
1095	318 13:22:53	31			AC7SSB	(4 +155) SS BIAS CONTROL --- YAW	AACS		20380:32:003F	01-318/01:47:00	1ECa
1096	318 15:28:56	31	10	RISE		10 DEGREE RISE DSC-10					1V
1097	318 15:30:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-8860 (D/L ONLY)					1DP
1098	318 18:45:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8860					1DP
1099	318 19:28:58	31	60	SET		10 DEGREE SET DSC-60					1V
1100	318 22:50:00	31	43	AO	OPCH ACE	AOS DSS-43 PASS-8861 (D/L ONLY)					1DP
1101	318 22:53:15	31	40	RISE		10 DEGREE RISE DSC-40					1V
1102	319 00:00:00	31				VGR-31 OWLT IS 11H 35M 56S					1L
1103	319 02:55:12	31	10	SET		10 DEGREE SET DSC-10					1V
1104	319 03:30:00	31	43	LO	OPCH ACE	LOS DSS-43 PASS-8861					1DP
1105	319 07:52:32	31	60	RISE		10 DEGREE RISE DSC-60					1V
1106	319 08:01:51	31	40	SET		10 DEGREE SET DSC-40					1V
1107	319 12:00:00	31				VGR-31 OWLT IS 11H 36M 00S					1L
1108	319 15:25:04	31	10	RISE		10 DEGREE RISE DSC-10					1V
1109	319 16:25:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-8862 (D/L ONLY)					1DP
1110	319 19:25:04	31	60	SET		10 DEGREE SET DSC-60					1V
1111	319 19:45:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-8862					1DP
1112	319 22:45:00	31	43	AO	OPCH ACE	AOS DSS-43 PASS-8862 (D/L ONLY)					1DP
1113	319 22:49:21	31	40	RISE		10 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1114	320 00:00:00	31				VGR-31 OWLT IS 11H 36M 03S					1L
1115	320 02:51:18	31	10	SET		10 DEGREE SET DSC-10					1V
1116	320 03:10:00	31	34	AO	OPCH ACE	AOS DSS-34 PASS-8862 (D/L ONLY)					1DP
1117	320 03:30:00	31	43	LO	OPCH ACE	LOS DSS-43 PASS-8862					1DP
1118	320 05:55:00	31	34	LO	OPCH ACE	LOS DSS-34 PASS-8862					1DP
1119	320 07:48:39	31		60RISE		10 DEGREE RISE DSC-60					1V
1120	320 07:57:59	31	40	SET		10 DEGREE SET DSC-40					1V
1121	320 12:00:00	31				VGR-31 OWLT IS 11H 36M 07S					1L
1122	320 15:21:11	31		10RISE		10 DEGREE RISE DSC-10					1V
1123	320 19:21:10	31	60	SET		10 DEGREE SET DSC-60					1V
1124	320 22:40:00	31	43	AO	OPCH ACE	AOS DSS-43 PASS-8863 (D/L ONLY)					1DP
1125	320 22:45:28	31		40RISE		10 DEGREE RISE DSC-40					1V
1126	321 00:00:00	31				VGR-31 OWLT IS 11H 36M 10S					1L
1127	321 02:47:25	31	10	SET		10 DEGREE SET DSC-10					1V
1128	321 03:30:00	31	43	LO	OPCH ACE	LOS DSS-43 PASS-8863					1DP
1129	321 05:16:00	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		20460:23:002F	01-320/17:39:48	1ECd
1130	321 05:16:00	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1448	DTR		20460:23:002F	01-320/17:39:48	1ESd
1131	321 06:53:16	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		20462:24:473F	01-320/19:17:04	1ECd
1132	321 06:53:16	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3550	DTR		20462:24:473F	01-320/19:17:04	1ESd



FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1148	321 08:18:21	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		20464:10:735F	01-320/20:42:08	1ECd
1149	321 08:18:21	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:3550	DTR		20464:10:735F	01-320/20:42:08	1ESd
1150	321 08:18:25	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	20464:11:001F	01-320/20:42:11	1ESf
1151	321 08:18:25	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		20464:11:002F	01-320/20:42:12	1ECs
1152	321 08:18:26	31				B- DRCRUS			20464:11:018F	01-320/20:42:12	1TB
1153	321 08:18:26	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		20464:11:026F	01-320/20:42:13	1ECf
1154	321 08:19:13	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	20464:12:001F	01-320/20:42:59	1ESf
1155	321 08:19:13	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		20464:12:002F	01-320/20:43:00	1ECs
1156	321 08:19:13	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		20464:12:002F	01-320/20:43:00	1ECd

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1157	321 08:19:13	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:3257	DTR		20464:12:002F	01-320/20:43:00	1ESd
1158	321 08:20:01	31			SC32AJ	(11) PLS CONFIG CMD	FDS		20464:13:009F	01-320/20:43:48	1ECf
1159	321 08:20:02	31				END PWSREC.31			20464:13:018F	01-320/20:43:48	1T
1160	321 10:25:37	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		20466:50:002F	01-320/22:49:24	1ECd
1161	321 10:25:37	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3251	DTR		20466:50:002F	01-320/22:49:24	1ESd
1162	321 11:49:04	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		20468:34:230F	01-321/00:12:49	1ECd
1163	321 11:49:04	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1448	DTR		20468:34:230F	01-321/00:12:49	1ESd
1164	321 12:00:00	31				VGR-31 OWLT IS 11H 36M 14S					1L
1165	321 13:25:38	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		20470:35:002F	01-321/01:49:24	1ECd
1166	321 13:25:38	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1448	DTR		20470:35:002F	01-321/01:49:24	1ESd
1167	321 15:05:00	31	54	AO	OPCH ACE	AOS DSS-54 PASS-8863 (D/L ONLY)					1DP
1168	321 15:17:19	31	10	RISE		10 DEGREE RISE DSC-10					1V
1169	321 16:30:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-8864 (D/L ONLY)					1DP
1170	321 16:50:00	31	54	LO	OPCH ACE	LOS DSS-54 PASS-8863					1DP
1171	321 19:17:17	31	60	SET		10 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1172	321 19:45:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8864					1DP
1173	321 22:40:00	31	43 AO	OPCH ACE		AOS DSS-43 PASS-8864 (D/L ONLY)					1DP
1174	321 22:41:34	31	40RISE			10 DEGREE RISE DSC-40					1V
1175	322 00:00:00	31				VGR-31 OWLT IS 11H 36M 17S					1L
1176	322 02:43:31	31	10 SET			10 DEGREE SET DSC-10					1V
1177	322 03:30:00	31	43 LO	OPCH ACE		LOS DSS-43 PASS-8864					1DP
1178	322 07:40:55	31	60RISE			10 DEGREE RISE DSC-60					1V
1179	322 07:50:14	31	40 SET			10 DEGREE SET DSC-40					1V
1180	322 12:00:00	31				VGR-31 OWLT IS 11H 36M 20S					1L
1181	322 15:13:27	31	10RISE			10 DEGREE RISE DSC-10					1V
1182	322 16:10:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8865 (D/L ONLY)					1DP
1183	322 19:13:23	31	60 SET			10 DEGREE SET DSC-60					1V
1184	322 19:32:59	31			AC7SSB	(4 +156) SS BIAS CONTROL --- YAW	AACS		20508:14:003F	01-322/07:56:36	1ECa
1185	322 19:45:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8865					1DP
1186	322 22:30:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8865 (D/L ONLY)					1DP
1187	322 22:37:40	31	40RISE			10 DEGREE RISE DSC-40					1V
1188	323 00:00:00	31				VGR-31 OWLT IS 11H 36M 24S					1L
1189	323 01:40:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8865					1DP
1190	323 02:39:38	31	10 SET			10 DEGREE SET DSC-10					1V
1191	323 07:37:02	31	60RISE			10 DEGREE RISE DSC-60					1V
1192	323 07:46:22	31	40 SET			10 DEGREE SET DSC-40					1V
1193	323 09:45:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8865 (D/L ONLY)					1DP
1194	323 12:00:00	31				VGR-31 OWLT IS 11H 36M 27S					1L

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1195	323 15:09:34	31	10RISE			10 DEGREE RISE DSC-10					1V
1196	323 15:15:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-8865					1DP
1197	323 16:10:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8866 (D/L ONLY)					1DP
1198	323 17:37:05	31				B- UVSLEW			20535:49:001F	01-323/06:00:35	1TB
1199	323 17:37:05	31				SLEW TO HELIO-20B			20535:49:001F	01-323/06:00:35	1T
1200	323 17:37:05	31				B- PLATPOB			20535:49:001F	01-323/06:00:35	1TB
1201	323 17:37:05	31			AC7SPK	(2 12 1 099 212) AZ SLEW R=LOW	AACS		20535:49:003F	01-323/06:00:36	1ECa
1202	323 17:37:05	31			AC7SPK	(1 12 2 173 176) EL SLEW R=LOW	AACS		20535:49:005F	01-323/06:00:36	1ECa
1203	323 18:04:59	31				B- SLEND			20536:23:701F	01-323/06:28:29	1TB
1204	323 18:04:59	31			SLEWEND	AZ=125.028 EL=25.026 CO=21.827			20536:23:701F	01-323/06:28:29	1T
1205	323 19:09:30	31	60 SET			10 DEGREE SET DSC-60					1V
1206	323 20:15:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8866					1DP
1207	323 22:33:47	31	40RISE			10 DEGREE RISE DSC-40					1V
1208	324 00:00:00	31				VGR-31 OWLT IS 11H 36M 30S					1L
1209	324 02:35:44	31	10 SET			10 DEGREE SET DSC-10					1V
1210	324 07:33:10	31	60RISE			10 DEGREE RISE DSC-60					1V
1211	324 07:42:29	31	40 SET			10 DEGREE SET DSC-40					1V
1212	324 12:00:00	31				VGR-31 OWLT IS 11H 36M 34S					1L
1213	324 15:05:42	31	10RISE			10 DEGREE RISE DSC-10					1V
1214	324 16:05:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8867 (D/L ONLY)					1DP
1215	324 17:37:11	31				B- UVSLEW			20565:49:001F	01-324/06:00:35	1TB
1216	324 17:37:11	31				SLEW TO HELIO-19B			20565:49:001F	01-324/06:00:35	1T
1217	324 17:37:11	31				B- PLATPOB			20565:49:001F	01-324/06:00:35	1TB





FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1235	325 01:54:45	31				BEGIN RECORDING PWS DATA			20576:10:734F	01-324/14:18:07	1T
1236	325 01:54:45	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		20576:10:735F	01-324/14:18:08	1ECd
1237	325 01:54:45	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:1448	DTR		20576:10:735F	01-324/14:18:08	1ESd
1238	325 01:54:49	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	20576:11:001F	01-324/14:18:11	1ESf
1239	325 01:54:49	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		20576:11:002F	01-324/14:18:12	1ECs
1240	325 01:54:50	31				B- DRCRUS			20576:11:018F	01-324/14:18:12	1TB
1241	325 01:54:50	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		20576:11:026F	01-324/14:18:13	1ECf
1242	325 01:55:38	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	20576:12:001F	01-324/14:18:59	1ESF
1243	325 01:55:38	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		20576:12:002F	01-324/14:19:00	1ECs
1244	325 01:55:38	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		20576:12:002F	01-324/14:19:00	1ECd

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1245	325 01:55:38	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1741	DTR		20576:12:002F	01-324/14:19:00	1ESd
1246	325 01:56:26	31			SC32AJ	(11) PLS CONFIG CMD	FDS		20576:13:009F	01-324/14:19:48	1ECf
1247	325 01:56:27	31				END PWSREC.31			20576:13:018F	01-324/14:19:48	1T
1248	325 02:31:51	31	10	SET		10 DEGREE SET DSC-10					1V
1249	325 03:10:00	31	45	LO	OPCH ACE	LOS DSS-45 PASS-8867					1DP
1250	325 07:29:18	31	60	RISE		10 DEGREE RISE DSC-60					1V
1251	325 07:38:37	31	40	SET		10 DEGREE SET DSC-40					1V
1252	325 08:25:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-8867 (D/L ONLY)					1DP
1253	325 11:35:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-8867					1DP
1254	325 12:00:00	31				VGR-31 OWLT IS 11H 36M 40S					1L
1255	325 15:01:49	31	10	RISE		10 DEGREE RISE DSC-10					1V
1256	325 15:45:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-8867 (D/L ONLY)					1DP
1257	325 16:53:17	31			AC7SSB	(3 +013) SS BIAS CONTROL - PITCH	AACS		20594:54:002F	01-325/05:16:36	1ECa
1258	325 17:37:18	31				B- UVSLEW			20595:49:001F	01-325/06:00:35	1TB
1259	325 17:37:18	31				SLEW TO HELIO-18B			20595:49:001F	01-325/06:00:35	1T
1260	325 17:37:18	31				B- PLATPOA			20595:49:001F	01-325/06:00:35	1TB
1261	325 17:37:18	31			AC7SPK	(1 12 2 141 140) EL SLEW R=LOW	AACS		20595:49:003F	01-325/06:00:36	1ECa
1262	325 17:42:03	31				B- SLEND			20595:54:751F	01-325/06:05:20	1TB
1263	325 17:42:03	31			SLEWEND	AZ=124.999 EL=70.985 CO=67.299			20595:54:751F	01-325/06:05:20	1T

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1264	325 18:25:00	31	63	OPCH 63		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
1265	325 18:25:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
1266	325 18:26:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
1267	325 18:27:00	31	63	OPCH 63		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
1268	325 18:40:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8868 (D/L ONLY)					1DP
1269	325 18:52:00	31	63	OPCH 63		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
1270	325 19:00:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8867					1DP
1271	325 19:01:43	31	60 SET			10 DEGREE SET DSC-60					1V
1272	325 20:15:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8868					1DP
1273	325 22:26:00	31	40RISE			10 DEGREE RISE DSC-40					1V
1274	326 00:00:00	31				VGR-31 OWLT IS 11H 36M 43S					1L
1275	326 02:27:58	31	10 SET			10 DEGREE SET DSC-10					1V
1276	326 07:25:25	31	60RISE			10 DEGREE RISE DSC-60					1V
1277	326 07:34:45	31	40 SET			10 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1278	326 08:35:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8868 (D/L ONLY)					1DP
1279	326 11:35:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8868					1DP
1280	326 12:00:00	31				VGR-31 OWLT IS 11H 36M 47S					1L
1281	326 14:57:57	31	10RISE			10 DEGREE RISE DSC-10					1V
1282	326 16:10:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8869 (D/L ONLY)					1DP
1283	326 17:27:00	31				B- UVSLEW			20625:36:001F	01-326/05:50:11	1TB
1284	326 17:27:00	31				SLEW TO HELIO-17B			20625:36:001F	01-326/05:50:11	1T
1285	326 17:27:00	31				B- PLATPOA			20625:36:001F	01-326/05:50:11	1TB
1286	326 17:27:00	31			AC7SPK	(1 12 1 127 094) EL SLEW R=LOW	AACS		20625:36:003F	01-326/05:50:12	1ECa
1287	326 17:31:09	31				B- SLEND			20625:41:151F	01-326/05:54:20	1TB
1288	326 17:31:09	31			SLEWEND	AZ=124.999 EL=91.022 CO=87.226			20625:41:151F	01-326/05:54:20	1T
1289	326 17:37:24	31				B- RFSTLC			20625:49:001F	01-326/06:00:35	1TB
1290	326 18:05:35	31	25	OPCH 25		== START TLC TEST DOWN-LINK ==					1TD
1291	326 18:57:49	31	60 SET			10 DEGREE SET DSC-60					1V
1292	326 19:06:35	31	25	OPCH 25		== END TLC TEST DOWN-LINK ==					1TD
1293	326 19:35:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8869					1DP
1294	326 22:22:06	31	40RISE			10 DEGREE RISE DSC-40					1V
1295	327 00:00:00	31				VGR-31 OWLT IS 11H 36M 50S					1L
1296	327 00:20:00	31	34 AO	OPCH ACE		AOS DSS-34 PASS-8869 (D/L ONLY)					1DP
1297	327 01:43:02	31			AC7SSB	(4 +157) SS BIAS CONTROL --- YAW	AACS		20635:56:003F	01-326/14:06:12	1ECa
1298	327 02:24:04	31	10 SET			10 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1299	327 04:00:00	31	34 LO	OPCH ACE		LOS DSS-34 PASS-8869					1DP
1300	327 07:21:33	31	60RISE			10 DEGREE RISE DSC-60					1V
1301	327 07:30:52	31	40 SET			10 DEGREE SET DSC-40					1V
1302	327 12:00:00	31				VGR-31 OWLT IS 11H 36M 53S					1L
1303	327 14:54:04	31	10RISE			10 DEGREE RISE DSC-10					1V
1304	327 15:35:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8870 (D/L ONLY)					1DP
1305	327 17:37:30	31				B- UVSLEW			20655:49:001F	01-327/06:00:35	1TB
1306	327 17:37:30	31				SLEW TO HELIO-16B			20655:49:001F	01-327/06:00:35	1T
1307	327 17:37:30	31				B- PLATPOA			20655:49:001F	01-327/06:00:35	1TB
1308	327 17:37:30	31			AC7SPK	(1 12 1 111 076) EL SLEW R=LOW	AACS		20655:49:003F	01-327/06:00:36	1ECa
1309	327 17:42:15	31				B- SLEND			20655:54:751F	01-327/06:05:20	1TB
1310	327 17:42:15	31			SLEWEND	AZ=124.999 EL=114.014 CO=110.151			20655:54:751F	01-327/06:05:20	1T
1311	327 18:53:56	31	60 SET			10 DEGREE SET DSC-60					1V
1312	327 19:45:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8870					1DP
1313	327 22:18:13	31	40RISE			10 DEGREE RISE DSC-40					1V
1314	328 00:00:00	31				VGR-31 OWLT IS 11H 36M 56S					1L
1315	328 02:20:11	31	10 SET			10 DEGREE SET DSC-10					1V
1316	328 04:52:45	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		20669:53:002F	01-327/17:15:48	1ECd
1317	328 04:52:45	31					DTR		20669:53:002F	01-327/17:15:48	1ESd
						DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1747					
1318	328 06:02:20	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		20671:19:787F	01-327/18:25:23	1ECd



FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1333	328 07:54:22	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		20673:40:009F	01-327/20:17:24	1ECf
1334	328 07:55:06	31				BEGIN RECORDING PWS DATA			20673:40:734F	01-327/20:18:07	1T
1335	328 07:55:06	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		20673:40:735F	01-327/20:18:08	1ECd
1336	328 07:55:06	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:3251	DTR		20673:40:735F	01-327/20:18:08	1ESd
1337	328 07:55:10	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	20673:41:001F	01-327/20:18:11	1ESf
1338	328 07:55:10	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		20673:41:002F	01-327/20:18:12	1ECs
1339	328 07:55:11	31				B- DRCRUS			20673:41:018F	01-327/20:18:12	1TB
1340	328 07:55:11	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		20673:41:026F	01-327/20:18:13	1ECf
1341	328 07:55:58	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	20673:42:001F	01-327/20:18:59	1ESf
1342	328 07:55:58	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		20673:42:002F	01-327/20:19:00	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
1343	328 07:55:58	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2958	DTR		20673:42:002F	01-327/20:19:00	1ESd
1344	328 07:55:58	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		20673:42:002F	01-327/20:19:00	1ECs
1345	328 07:56:46	31			SC32AJ	(11) PLS CONFIG CMD	FDS		20673:43:009F	01-327/20:19:48	1ECF
1346	328 07:56:47	31				END PWSREC.31			20673:43:018F	01-327/20:19:48	1T
1347	328 08:30:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8870 (D/L ONLY)					1DP
1348	328 10:02:22	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		20676:20:002F	01-327/22:25:24	1ECd
1349	328 10:02:22	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2952	DTR		20676:20:002F	01-327/22:25:24	1ESd
1350	328 10:20:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8870 (D/L ONLY)					1DP
1351	328 10:50:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8870					1DP
1352	328 10:58:08	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		20677:29:550F	01-327/23:21:08	1ECd
1353	328 10:58:08	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1747	DTR		20677:29:550F	01-327/23:21:08	1ESd
1354	328 12:00:00	31				VGR-31 OWLT IS 11H 36M 59S					1L
1355	328 13:02:23	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		20680:05:002F	01-328/01:25:24	1ECd
1356	328 13:02:23	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1747	DTR		20680:05:002F	01-328/01:25:24	1ESd

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1357	328 14:50:12	31	10RISE			10 DEGREE RISE DSC-10					1V
1358	328 16:40:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8871 (D/L ONLY)					1DP
1359	328 17:00:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8870					1DP
1360	328 17:37:36	31				B- UVSLEW			20685:49:001F	01-328/06:00:35	1TB
1361	328 17:37:36	31				SLEW TO HELIO-15B			20685:49:001F	01-328/06:00:35	1T
1362	328 17:37:36	31				B- PLATPOA			20685:49:001F	01-328/06:00:35	1TB
1363	328 17:37:36	31			AC7SPK	(1 12 1 096 120) EL SLEW R=LOW	AACS		20685:49:003F	01-328/06:00:36	1ECa
1364	328 17:41:59	31				B- SLEND			20685:54:384F	01-328/06:04:58	1TB
1365	328 17:41:59	31			SLEWEND	AZ=124.999 EL=135.191 CO=131.228			20685:54:384F	01-328/06:04:58	1T
1366	328 18:50:02	31	60 SET			10 DEGREE SET DSC-60					1V
1367	328 20:15:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8871					1DP
1368	328 22:14:20	31	40RISE			10 DEGREE RISE DSC-40					1V
1369	329 00:00:00	31				VGR-31 OWLT IS 11H 37M 02S					1L
1370	329 02:16:18	31	10 SET			10 DEGREE SET DSC-10					1V
1371	329 07:13:48	31	60RISE			10 DEGREE RISE DSC-60					1V
1372	329 07:23:08	31	40 SET			10 DEGREE SET DSC-40					1V
1373	329 08:25:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8871 (D/L ONLY)					1DP
1374	329 11:25:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8871					1DP
1375	329 12:00:00	31				VGR-31 OWLT IS 11H 37M 05S					1L
1376	329 14:46:19	31	10RISE			10 DEGREE RISE DSC-10					1V
1377	329 16:00:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8872 (D/L ONLY)					1DP
1378	329 17:37:42	31				B- UVSLEW			20715:49:001F	01-329/06:00:35	1TB
1379	329 17:37:42	31				SLEW TO HELIO-14B			20715:49:001F	01-329/06:00:35	1T

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1380	329 17:37:42	31				B- PLATPOA			20715:49:001F	01-329/06:00:35	1TB
1381	329 17:37:42	31			AC7SPK	(1 12 2 089 171) EL SLEW R=LOW	AACS		20715:49:003F	01-329/06:00:36	1ECa
1382	329 17:39:47	31				B- SLEND			20715:51:484F	01-329/06:02:40	1TB
1383	329 17:39:47	31			SLEWEND	AZ=124.999 EL=144.988 CO=140.940			20715:51:484F	01-329/06:02:40	1T
1384	329 18:46:09	31	60	SET		10 DEGREE SET DSC-60					1V
1385	329 22:10:26	31	40	RISE		10 DEGREE RISE DSC-40					1V
1386	329 23:45:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-8872					1DP
1387	330 00:00:00	31				VGR-31 OWLT IS 11H 37M 08S					1L
1388	330 02:12:24	31	10	SET		10 DEGREE SET DSC-10					1V
1389	330 06:50:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-8872 (D/L ONLY)					1DP
1390	330 07:09:56	31	60	RISE		10 DEGREE RISE DSC-60					1V
1391	330 07:19:15	31	40	SET		10 DEGREE SET DSC-40					1V
1392	330 08:44:58	31			AC7SSB	(3 +012) SS BIAS CONTROL - PITCH	AACS		20734:43:003F	01-329/21:07:48	1ECa
1393	330 11:25:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8872					1DP
1394	330 11:35:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-8872 (D/L ONLY)					1DP
1395	330 12:00:00	31				VGR-31 OWLT IS 11H 37M 11S					1L
1396	330 14:42:27	31	10	RISE		10 DEGREE RISE DSC-10					1V
1397	330 17:35:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-8873 (D/L ONLY)					1DP
1398	330 17:37:48	31				B- UVSLEW			20745:49:001F	01-330/06:00:35	1TB
1399	330 17:37:48	31				SLEW TO HELIO-13B			20745:49:001F	01-330/06:00:35	1T
1400	330 17:37:48	31				B- PLATPOA			20745:49:001F	01-330/06:00:35	1TB
1401	330 17:37:48	31			AC7SPK	(1 12 2 083 118) EL SLEW R=LOW	AACS		20745:49:003F	01-330/06:00:36	1ECa
1402	330 17:39:44	31				B- SLEND			20745:51:334F	01-330/06:02:31	1TB

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1403	330 17:39:44	31			SLEWEND	AZ=124.999 EL=154.000 CO=149.796			20745:51:334F	01-330/06:02:31	1T
1404	330 17:55:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8872					1DP
1405	330 18:42:16	31	60 SET			10 DEGREE SET DSC-60					1V
1406	330 22:06:33	31	40RISE			10 DEGREE RISE DSC-40					1V
1407	331 00:00:00	31				VGR-31 OWLT IS 11H 37M 14S					1L
1408	331 01:05:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8873					1DP
1409	331 02:08:31	31	10 SET			10 DEGREE SET DSC-10					1V
1410	331 07:06:03	31	60RISE			10 DEGREE RISE DSC-60					1V
1411	331 07:15:23	31	40 SET			10 DEGREE SET DSC-40					1V
1412	331 07:53:03	31			AC7SSB	(4 +158) SS BIAS CONTROL --- YAW	AACS		20763:38:003F	01-330/20:15:48	1ECa
1413	331 12:00:00	31				VGR-31 OWLT IS 11H 37M 16S					1L
1414	331 14:38:34	31	10RISE			10 DEGREE RISE DSC-10					1V
1415	331 16:15:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8874 (D/L ONLY)					1DP
1416	331 17:37:54	31				B- UVSLEW			20775:49:001F	01-331/06:00:35	1TB
1417	331 17:37:54	31				SLEW TO HELIO-12B			20775:49:001F	01-331/06:00:35	1T
1418	331 17:37:54	31				B- PLATPOA			20775:49:001F	01-331/06:00:35	1TB
1419	331 17:37:54	31			AC7SPK	(1 12 1 075 108) EL SLEW R=LOW	AACS		20775:49:003F	01-331/06:00:36	1ECa
1420	331 17:40:20	31				B- SLEND			20775:52:034F	01-331/06:03:01	1TB
1421	331 17:40:20	31			SLEWEND	AZ=124.999 EL=165.518 CO=161.021			20775:52:034F	01-331/06:03:01	1T
1422	331 18:38:22	31	60 SET			10 DEGREE SET DSC-60					1V
1423	331 22:02:40	31	40RISE			10 DEGREE RISE DSC-40					1V
1424	332 00:00:00	31				VGR-31 OWLT IS 11H 37M 19S					1L
1425	332 01:05:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8874					1DP



FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1438	332 01:31:32	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		20785:41:002F	01-331/13:54:12	1ECs
1439	332 01:31:33	31				B- DRCRUS			20785:41:018F	01-331/13:54:12	1TB
1440	332 01:31:33	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		20785:41:026F	01-331/13:54:13	1ECF
1441	332 01:32:20	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	20785:42:001F	01-331/13:54:59	1ESF
1442	332 01:32:20	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		20785:42:002F	01-331/13:54:59	1ECs
1443	332 01:32:20	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		20785:42:002F	01-331/13:55:00	1ECd
1444	332 01:32:20	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2040	DTR		20785:42:002F	01-331/13:55:00	1ESd
1445	332 01:33:08	31			SC32AJ	(11) PLS CONFIG CMD	FDS		20785:43:009F	01-331/13:55:48	1ECf
1446	332 01:33:09	31				END PWSREC.31			20785:43:018F	01-331/13:55:48	1T
1447	332 02:04:38	31	10 SET			10 DEGREE SET DSC-10					1V
1448	332 07:02:11	31	60RISE			10 DEGREE RISE DSC-60					1V
1449	332 07:11:30	31	40 SET			10 DEGREE SET DSC-40					1V
1450	332 12:00:00	31				VGR-31 OWLT IS 11H 37M 22S					1L
1451	332 14:34:42	31	10RISE			10 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1452	332 15:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8874 (D/L ONLY)					1DP
1453	332 17:00:00	31	63	OPCH 63		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
1454	332 17:00:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
1455	332 17:01:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
1456	332 17:02:00	31	63	OPCH 63		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
1457	332 17:27:00	31	63	OPCH 63		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
1458	332 17:30:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8875 (D/L ONLY)					1DP
1459	332 17:37:59	31				B- UVSLEW			20805:49:001F	01-332/06:00:35	1TB
1460	332 17:37:59	31				SLEW TO HELIO-11B			20805:49:001F	01-332/06:00:35	1T
1461	332 17:37:59	31				B- PLATPOA			20805:49:001F	01-332/06:00:35	1TB
1462	332 17:37:59	31			AC7SPK	(1 12 2 068 139) EL SLEW R=LOW	AACS		20805:49:003F	01-332/06:00:36	1ECa
1463	332 17:40:10	31				B- SLEND			20805:51:584F	01-332/06:02:46	1TB
1464	332 17:40:10	31			SLEWEND	AZ=124.999 EL=175.834 CO=170.468			20805:51:584F	01-332/06:02:46	1T
1465	332 17:50:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8874					1DP

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1466	332 18:34:29	31	60	SET		10 DEGREE SET DSC-60					1V
1467	332 21:58:47	31	40	RISE		10 DEGREE RISE DSC-40					1V
1468	333 00:00:00	31				VGR-31 OWLT IS 11H 37M 25S					1L
1469	333 01:00:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-8875					1DP
1470	333 02:00:45	31	10	SET		10 DEGREE SET DSC-10					1V
1471	333 06:58:18	31	60	RISE		10 DEGREE RISE DSC-60					1V
1472	333 07:07:38	31	40	SET		10 DEGREE SET DSC-40					1V
1473	333 11:30:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-8875 (D/L ONLY)					1DP
1474	333 12:00:00	31				VGR-31 OWLT IS 11H 37M 27S					1L
1475	333 14:30:49	31	10	RISE		10 DEGREE RISE DSC-10					1V
1476	333 16:13:16	31				B- RFSTLC			20834:03:001F	01-333/04:35:47	1TB
1477	333 16:41:57	31	65		OPCH 65	== START TLC TEST DOWN-LINK ==					1TD
1478	333 17:15:17	31				B- UVSLEW			20835:20:401F	01-333/05:37:47	1TB
1479	333 17:15:17	31				SLEW TO MIDPNT-B			20835:20:401F	01-333/05:37:47	1T
1480	333 17:15:17	31				B- PLATPOB			20835:20:401F	01-333/05:37:47	1TB
1481	333 17:15:17	31			AC7SPK	(1 12 1 093 214) EL SLEW R=LOW	AACS		20835:20:403F	01-333/05:37:48	1ECa
1482	333 17:15:17	31			AC7SPK	(2 12 1 165 137) AZ SLEW R=LOW	AACS		20835:20:405F	01-333/05:37:48	1ECa
1483	333 17:42:01	31				B- SLEND			20835:53:734F	01-333/06:04:31	1TB
1484	333 17:42:01	31			SLEWEND	AZ=220.214 EL=140.021 CO=134.876			20835:53:734F	01-333/06:04:31	1T
1485	333 17:42:57	31	65		OPCH 65	== END TLC TEST DOWN-LINK ==					1TD
1486	333 17:45:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-8875					1DP



FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1487	333 18:30:36	31	60 SET			10 DEGREE SET DSC-60					1V
1488	333 21:54:53	31	40RISE			10 DEGREE RISE DSC-40					1V
1489	334 00:00:00	31				VGR-31 OWLT IS 11H 37M 30S					1L
1490	334 01:56:52	31	10 SET			10 DEGREE SET DSC-10					1V
1491	334 06:54:26	31	60RISE			10 DEGREE RISE DSC-60					1V
1492	334 07:03:45	31	40 SET			10 DEGREE SET DSC-40					1V
1493	334 08:05:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8876 (D/L ONLY)					1DP
1494	334 12:00:00	31				VGR-31 OWLT IS 11H 37M 33S					1L
1495	334 14:26:57	31	10RISE			10 DEGREE RISE DSC-10					1V
1496	334 14:46:57	31			AC7SSB	(3 +011) SS BIAS CONTROL - PITCH	AACS		20862:15:003F	01-334/03:09:24	1ECa
1497	334 16:38:10	31				B- UVSLEW			20864:34:001F	01-334/05:00:35	1TB
1498	334 16:38:10	31				SLEW TO HELIO-10B			20864:34:001F	01-334/05:00:35	1T
1499	334 16:38:10	31				B- PLATPOB			20864:34:001F	01-334/05:00:35	1TB
1500	334 16:38:10	31			AC7SPK	(2 12 2 236 091) AZ SLEW R=LOW	AACS		20864:34:003F	01-334/05:00:36	1ECa
1501	334 16:38:10	31			AC7SPK	(1 12 1 068 036) EL SLEW R=LOW	AACS		20864:34:005F	01-334/05:00:36	1ECa
1502	334 17:05:34	31				B- SLEND			20865:08:201F	01-334/05:27:59	1TB
1503	334 17:05:34	31			SLEWEND	AZ=319.987 EL=175.032 CO=175.791			20865:08:201F	01-334/05:27:59	1T
1504	334 17:40:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8876					1DP
1505	334 18:26:43	31	60 SET			10 DEGREE SET DSC-60					1V
1506	334 21:51:00	31	40RISE			10 DEGREE RISE DSC-40					1V
1507	335 00:00:00	31				VGR-31 OWLT IS 11H 37M 35S					1L
1508	335 01:52:59	31	10 SET			10 DEGREE SET DSC-10					1V
1509	335 04:29:24	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		20879:23:002F	01-334/16:51:48	1ECd



FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1523	335 07:30:13	31				BEGIN PWSREC.31			20883:09:001F	01-334/19:52:35	1T
1524	335 07:30:13	31			SC32AJ	(10) PLS CONFIG CMD	FDS		20883:09:009F	01-334/19:52:36	1ECf
1525	335 07:31:01	31				B- DRGS4B			20883:10:001F	01-334/19:53:23	1TB
1526	335 07:31:01	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		20883:10:009F	01-334/19:53:24	1ECf
1527	335 07:31:45	31				BEGIN RECORDING PWS DATA			20883:10:734F	01-334/19:54:07	1T
1528	335 07:31:45	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		20883:10:735F	01-334/19:54:08	1ECd
1529	335 07:31:45	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:2952	DTR		20883:10:735F	01-334/19:54:08	1ESd
1530	335 07:31:49	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	20883:11:001F	01-334/19:54:11	1ESf
1531	335 07:31:49	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		20883:11:002F	01-334/19:54:12	1ECs
1532	335 07:31:50	31				B- DRCRUS			20883:11:018F	01-334/19:54:12	1TB
1533	335 07:31:50	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		20883:11:026F	01-334/19:54:13	1ECf

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1534	335 07:32:37	31		ACE OPCH			FDS	CR-5T	20883:12:001F	01-334/19:54:59	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
1535	335 07:32:37	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		20883:12:002F	01-334/19:55:00	1ECs
1536	335 07:32:37	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		20883:12:002F	01-334/19:55:00	1ECd
1537	335 07:32:37	31					DTR		20883:12:002F	01-334/19:55:00	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2659					
1538	335 07:33:25	31			SC32AJ	(11) PLS CONFIG CMD	FDS		20883:13:009F	01-334/19:55:48	1ECf
1539	335 07:33:26	31				END PWSREC.31			20883:13:018F	01-334/19:55:48	1T
1540	335 09:35:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8877 (D/L ONLY)					1DP
1541	335 09:39:02	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		20885:50:002F	01-334/22:01:24	1ECd
1542	335 09:39:02	31					DTR		20885:50:002F	01-334/22:01:24	1ESd
						DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2653					
1543	335 10:07:05	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		20886:25:059F	01-334/22:29:27	1ECd
1544	335 10:07:05	31					DTR		20886:25:059F	01-334/22:29:27	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2046					
1545	335 12:00:00	31				VGR-31 OWLT IS 11H 37M 38S					1L
1546	335 12:39:02	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		20889:35:002F	01-335/01:01:24	1ECd

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1547	335 12:39:02	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2046	DTR		20889:35:002F	01-335/01:01:24	1ESd
1548	335 14:03:03	31			AC7SSB	(4 +159) SS BIAS CONTROL --- YAW	AACS		20891:20:003F	01-335/02:25:24	1ECa
1549	335 14:23:04	31	10RISE			10 DEGREE RISE DSC-10					1V
1550	335 15:55:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8878 (D/L ONLY)					1DP
1551	335 16:15:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8877					1DP
1552	335 17:38:15	31				B- UVSLEW			20895:49:001F	01-335/06:00:35	1TB
1553	335 17:38:15	31				SLEW TO HELIO-9B			20895:49:001F	01-335/06:00:35	1T
1554	335 17:38:15	31				B- PLATPOB			20895:49:001F	01-335/06:00:35	1TB
1555	335 17:38:15	31			AC7SPK	(1 12 1 076 138) EL SLEW R=LOW	AACS		20895:49:003F	01-335/06:00:36	1ECa
1556	335 17:38:15	31			AC7SPL	(2 12 1 255 222) AZ SLEW R=LOW	AACS		20895:49:005F	01-335/06:00:36	1ECa
1557	335 17:40:38	31				B- SLEND			20895:51:784F	01-335/06:02:58	1TB
1558	335 17:40:38	31			SLEWEND	AZ=319.959 EL=164.658 CO=168.757			20895:51:784F	01-335/06:02:58	1T
1559	335 18:22:50	31	60 SET			10 DEGREE SET DSC-60					1V
1560	335 21:47:07	31	40RISE			10 DEGREE RISE DSC-40					1V
1561	335 23:50:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8878					1DP
1562	336 00:00:00	31				VGR-31 OWLT IS 11H 37M 41S					1L
1563	336 01:49:06	31	10 SET			10 DEGREE SET DSC-10					1V
1564	336 06:46:41	31	60RISE			10 DEGREE RISE DSC-60					1V
1565	336 06:56:00	31	40 SET			10 DEGREE SET DSC-40					1V
1566	336 08:00:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8878 (D/L ONLY)					1DP
1567	336 11:45:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8878					1DP

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1568	336 12:00:00	31				VGR-31 OWLT IS 11H 37M 43S					1L
1569	336 14:19:12	31	10RISE			10 DEGREE RISE DSC-10					1V
1570	336 15:50:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8879 (D/L ONLY)					1DP
1571	336 17:38:20	31				B- UVSLEW			20925:49:001F	01-336/06:00:35	1TB
1572	336 17:38:20	31				SLEW TO HELIO-8B			20925:49:001F	01-336/06:00:35	1T
1573	336 17:38:20	31				B- PLATPOA			20925:49:001F	01-336/06:00:35	1TB
1574	336 17:38:20	31			AC7SPK	(1 12 1 082 178) EL SLEW R=LOW	AACS		20925:49:003F	01-336/06:00:36	1ECa
1575	336 17:40:11	31				B- SLEND			20925:51:251F	01-336/06:02:26	1TB
1576	336 17:40:11	31			SLEWEND	AZ=319.959 EL=156.036 CO=160.520			20925:51:251F	01-336/06:02:26	1T
1577	336 18:18:57	31	60 SET			10 DEGREE SET DSC-60					1V
1578	336 21:43:14	31	40RISE			10 DEGREE RISE DSC-40					1V
1579	336 23:45:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8879					1DP
1580	337 00:00:00	31				VGR-31 OWLT IS 11H 37M 46S					1L
1581	337 01:45:12	31	10 SET			10 DEGREE SET DSC-10					1V
1582	337 06:42:48	31	60RISE			10 DEGREE RISE DSC-60					1V
1583	337 06:52:08	31	40 SET			10 DEGREE SET DSC-40					1V
1584	337 07:40:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8879 (D/L ONLY)					1DP
1585	337 12:00:00	31				VGR-31 OWLT IS 11H 37M 48S					1L
1586	337 14:15:19	31	10RISE			10 DEGREE RISE DSC-10					1V
1587	337 15:35:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8880 (D/L ONLY)					1DP
1588	337 16:15:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8879					1DP
1589	337 17:38:25	31				B- UVSLEW			20955:49:001F	01-337/06:00:35	1TB
1590	337 17:38:25	31				SLEW TO HELIO-7B			20955:49:001F	01-337/06:00:35	1T













FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1660	339 01:07:20	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		20995:10:009F	01-338/13:29:24	1ECf
1661	339 01:08:04	31				BEGIN RECORDING PWS DATA			20995:10:734F	01-338/13:30:07	1T
1662	339 01:08:04	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		20995:10:735F	01-338/13:30:08	1ECd
1663	339 01:08:04	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2046	DTR		20995:10:735F	01-338/13:30:08	1ESd
1664	339 01:08:08	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	20995:11:001F	01-338/13:30:11	1ESf
1665	339 01:08:08	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		20995:11:002F	01-338/13:30:11	1ECs
1666	339 01:08:09	31				B- DRCRUS			20995:11:018F	01-338/13:30:12	1TB
1667	339 01:08:09	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		20995:11:026F	01-338/13:30:13	1ECf
1668	339 01:08:56	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	20995:12:001F	01-338/13:30:59	1ESf







FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1716	340 01:33:33	31	10	SET		10 DEGREE SET DSC-10					1V
1717	340 06:31:11	31	60	RISE		10 DEGREE RISE DSC-60					1V
1718	340 06:40:30	31	40	SET		10 DEGREE SET DSC-40					1V
1719	340 07:45:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-8882 (D/L ONLY)					1DP
1720	340 12:00:00	31				VGR-31 OWLT IS 11H 38M 02S					1L
1721	340 14:03:41	31	10	RISE		10 DEGREE RISE DSC-10					1V
1722	340 17:05:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-8882					1DP
1723	340 17:38:39	31				B- UVSLEW			21045:49:001F	01-340/06:00:35	1TB
1724	340 17:38:39	31				SLEW TO HELIO-4B			21045:49:001F	01-340/06:00:35	1T
1725	340 17:38:39	31				B- PLATPOA			21045:49:001F	01-340/06:00:35	1TB
1726	340 17:38:39	31			AC7SPK	(1 12 2 111 171) EL SLEW R=LOW	AACS		21045:49:003F	01-340/06:00:36	1ECa
1727	340 17:40:47	31				B- SLEND			21045:51:534F	01-340/06:02:43	1TB
1728	340 17:40:47	31			SLEWEND	AZ=319.959 EL=115.043 CO=119.875			21045:51:534F	01-340/06:02:43	1T
1729	340 18:03:24	31	60	SET		10 DEGREE SET DSC-60					1V
1730	340 21:27:42	31	40	RISE		10 DEGREE RISE DSC-40					1V
1731	341 00:00:00	31				VGR-31 OWLT IS 11H 38M 05S					1L
1732	341 01:29:40	31	10	SET		10 DEGREE SET DSC-10					1V
1733	341 06:27:18	31	60	RISE		10 DEGREE RISE DSC-60					1V
1734	341 06:36:38	31	40	SET		10 DEGREE SET DSC-40					1V
1735	341 07:25:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-8883 (D/L ONLY)					1DP
1736	341 12:00:00	31				VGR-31 OWLT IS 11H 38M 07S					1L
1737	341 13:59:49	31	10	RISE		10 DEGREE RISE DSC-10					1V
1738	341 17:00:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-8883					1DP







FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1770	342 07:08:22	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	21092:41:001F	01-341/19:30:11	1ESf
1771	342 07:08:22	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		21092:41:002F	01-341/19:30:11	1ECs
1772	342 07:08:23	31				B- DRCRUS			21092:41:018F	01-341/19:30:12	1TB
1773	342 07:08:23	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		21092:41:026F	01-341/19:30:13	1ECf
1774	342 07:09:10	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	21092:42:001F	01-341/19:30:59	1ESf
1775	342 07:09:10	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		21092:42:002F	01-341/19:30:59	1ECs
1776	342 07:09:10	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		21092:42:002F	01-341/19:31:00	1ECd
1777	342 07:09:10	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2360	DTR		21092:42:002F	01-341/19:31:00	1ESd
1778	342 07:09:58	31			SC32AJ	(11) PLS CONFIG CMD	FDS		21092:43:009F	01-341/19:31:48	1ECf
1779	342 07:09:59	31				END PWSREC.31			21092:43:018F	01-341/19:31:48	1T
1780	342 07:20:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8884 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1781	342 09:15:35	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		21095:20:002F	01-341/21:37:24	1ECd
1782	342 09:15:35	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2354	DTR		21095:20:002F	01-341/21:37:24	1ESd
1783	342 09:15:57	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		21095:20:375F	01-341/21:37:46	1ECd
1784	342 09:15:57	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2345	DTR		21095:20:375F	01-341/21:37:46	1ESd
1785	342 11:00:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8884					1DP
1786	342 12:00:00	31				VGR-31 OWLT IS 11H 38M 11S					1L
1787	342 12:15:35	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		21099:05:002F	01-342/00:37:24	1ECd
1788	342 12:15:35	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2345	DTR		21099:05:002F	01-342/00:37:24	1ESd
1789	342 13:55:56	31	10RISE			10 DEGREE RISE DSC-10					1V
1790	342 14:55:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8885 (D/L ONLY)					1DP
1791	342 17:38:48	31				B- UVSLEW			21105:49:001F	01-342/06:00:35	1TB
1792	342 17:38:48	31				SLEW TO HELIO-2B			21105:49:001F	01-342/06:00:35	1T
1793	342 17:38:48	31				B- PLATPOB			21105:49:001F	01-342/06:00:35	1TB
1794	342 17:38:48	31			AC7SPK	(1 12 2 125 084) EL SLEW R=LOW	AACS		21105:49:003F	01-342/06:00:36	1ECa
1795	342 17:38:48	31			AC7SPK	(2 12 1 232 046) AZ SLEW R=LOW	AACS		21105:49:005F	01-342/06:00:36	1ECa
1796	342 17:42:04	31				B- SLEND			21105:53:068F	01-342/06:03:51	1TB
1797	342 17:42:04	31			SLEWEND	AZ=314.967 EL=95.044 CO=99.537			21105:53:068F	01-342/06:03:51	1T

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1798	342 17:55:38	31	60 SET			10 DEGREE SET DSC-60					1V
1799	342 21:19:56	31	40RISE			10 DEGREE RISE DSC-40					1V
1800	343 00:00:00	31				VGR-31 OWLT IS 11H 38M 13S					1L
1801	343 00:20:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8885					1DP
1802	343 01:21:55	31	10 SET			10 DEGREE SET DSC-10					1V
1803	343 02:50:50	31			AC7SSB	(3 +009) SS BIAS CONTROL - PITCH	AACS		21117:19:003F	01-342/15:12:36	1ECa
1804	343 06:19:33	31	60RISE			10 DEGREE RISE DSC-60					1V
1805	343 06:28:53	31	40 SET			10 DEGREE SET DSC-40					1V
1806	343 07:15:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8885 (D/L ONLY)					1DP
1807	343 12:00:00	31				VGR-31 OWLT IS 11H 38M 16S					1L
1808	343 13:52:04	31	10RISE			10 DEGREE RISE DSC-10					1V
1809	343 16:30:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8886 (D/L ONLY)					1DP
1810	343 16:50:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8885					1DP
1811	343 17:38:53	31				B- UVSLEW			21135:49:001F	01-343/06:00:35	1TB
1812	343 17:38:53	31				SLEW TO HELIO-1B			21135:49:001F	01-343/06:00:35	1T
1813	343 17:38:53	31				B- PLATPOB			21135:49:001F	01-343/06:00:35	1TB
1814	343 17:38:53	31			AC7SPK	(1 12 2 132 172) EL SLEW R=LOW	AACS		21135:49:003F	01-343/06:00:36	1ECa
1815	343 17:38:53	31			AC7SPK	(2 12 1 228 137) AZ SLEW R=LOW	AACS		21135:49:005F	01-343/06:00:36	1ECa
1816	343 17:42:00	31				B- SLEND			21135:52:718F	01-343/06:03:42	1TB
1817	343 17:42:00	31			SLEWEND	AZ=310.069 EL=85.046 CO=89.191			21135:52:718F	01-343/06:03:42	1T
1818	343 17:51:45	31	60 SET			10 DEGREE SET DSC-60					1V
1819	343 21:16:03	31	40RISE			10 DEGREE RISE DSC-40					1V
1820	344 00:00:00	31				VGR-31 OWLT IS 11H 38M 18S					1L





FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1855	346 00:44:38	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		21204:41:002F	01-345/13:06:11	1ECs
1856	346 00:44:39	31				B- DRCRUS			21204:41:018F	01-345/13:06:12	1TB
1857	346 00:44:39	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		21204:41:026F	01-345/13:06:13	1ECF
1858	346 00:45:26	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	21204:42:001F	01-345/13:06:59	1ESF
1859	346 00:45:26	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		21204:42:002F	01-345/13:06:59	1ECs
1860	346 00:45:26	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		21204:42:002F	01-345/13:07:00	1ECd
1861	346 00:45:26	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2638	DTR		21204:42:002F	01-345/13:07:00	1ESd
1862	346 00:46:14	31			SC32AJ	(11) PLS CONFIG CMD	FDS		21204:43:009F	01-345/13:07:48	1ECf
1863	346 00:46:15	31				END PWSREC.31			21204:43:018F	01-345/13:07:48	1T
1864	346 01:10:16	31	10 SET			10 DEGREE SET DSC-10					1V
1865	346 06:07:55	31	60RISE			10 DEGREE RISE DSC-60					1V
1866	346 06:17:14	31	40 SET			10 DEGREE SET DSC-40					1V
1867	346 12:00:00	31				VGR-31 OWLT IS 11H 38M 28S					1L
1868	346 13:40:25	31	10RISE			10 DEGREE RISE DSC-10					1V



FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1869	346 15:15:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8889 (D/L ONLY)					1DP
1870	346 17:40:07	31	60 SET			10 DEGREE SET DSC-60					1V
1871	346 21:04:24	31	40RISE			10 DEGREE RISE DSC-40					1V
1872	346 21:25:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8889					1DP
1873	347 00:00:00	31				VGR-31 OWLT IS 11H 38M 29S					1L
1874	347 01:06:23	31	10 SET			10 DEGREE SET DSC-10					1V
1875	347 06:04:02	31	60RISE			10 DEGREE RISE DSC-60					1V
1876	347 06:13:22	31	40 SET			10 DEGREE SET DSC-40					1V
1877	347 07:15:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8889 (D/L ONLY)					1DP
1878	347 08:52:43	31			AC7SSB	(3 +008) SS BIAS CONTROL - PITCH	AACS		21244:51:003F	01-346/21:14:12	1ECa
1879	347 12:00:00	31				VGR-31 OWLT IS 11H 38M 31S					1L
1880	347 13:36:33	31	10RISE			10 DEGREE RISE DSC-10					1V
1881	347 14:39:08	31				B- UVSLEW			21252:04:001F	01-347/03:00:35	1TB
1882	347 14:39:08	31				SLEW TO HELIO-1A			21252:04:001F	01-347/03:00:35	1T
1883	347 14:39:08	31				B- PLATPOB			21252:04:001F	01-347/03:00:35	1TB
1884	347 14:39:08	31			AC7SPK	(1 12 1 135 216) EL SLEW R=LOW	AACS		21252:04:003F	01-347/03:00:36	1ECa
1885	347 14:39:08	31			AC7SPK	(2 12 2 221 176) AZ SLEW R=LOW	AACS		21252:04:005F	01-347/03:00:36	1ECa
1886	347 14:42:17	31				B- SLEND			21252:07:751F	01-347/03:03:44	1TB
1887	347 14:42:17	31			SLEWEND	AZ=299.955 EL=80.049 CO=83.255			21252:07:751F	01-347/03:03:44	1T
1888	347 16:35:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8889					1DP
1889	347 17:20:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8890 (D/L ONLY)					1DP
1890	347 17:36:14	31	60 SET			10 DEGREE SET DSC-60					1V
1891	347 19:35:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8890					1DP

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1892	347 21:00:31	31	40RISE			10 DEGREE RISE DSC-40					1V
1893	348 00:00:00	31				VGR-31 OWLT IS 11H 38M 33S					1L
1894	348 01:02:30	31	10 SET			10 DEGREE SET DSC-10					1V
1895	348 02:39:10	31				B- UVSLEW			21267:04:001F	01-347/15:00:35	1TB
1896	348 02:39:10	31				SLEW TO HELIO-2A			21267:04:001F	01-347/15:00:35	1T
1897	348 02:39:10	31				B- PLATPOB			21267:04:001F	01-347/15:00:35	1TB
1898	348 02:39:10	31			AC7SPK	(1 12 1 128 136) EL SLEW R=LOW	AACS		21267:04:003F	01-347/15:00:36	1ECa
1899	348 02:39:10	31			AC7SPL	(2 12 1 255 045) AZ SLEW R=LOW	AACS		21267:04:005F	01-347/15:00:36	1ECa
1900	348 02:41:26	31				B- SLEND			21267:06:668F	01-347/15:02:51	1TB
1901	348 02:41:26	31			SLEWEND	AZ=299.982 EL=89.815 CO=92.997			21267:06:668F	01-347/15:02:51	1T
1902	348 06:00:09	31	60RISE			10 DEGREE RISE DSC-60					1V
1903	348 06:09:29	31	40 SET			10 DEGREE SET DSC-40					1V
1904	348 08:32:46	31			AC7SSB	(4 +162) SS BIAS CONTROL --- YAW	AACS		21274:26:003F	01-347/20:54:12	1ECa
1905	348 10:35:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8890 (D/L ONLY)					1DP
1906	348 12:00:00	31				VGR-31 OWLT IS 11H 38M 35S					1L
1907	348 13:32:40	31	10RISE			10 DEGREE RISE DSC-10					1V
1908	348 14:15:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8891 (D/L ONLY)					1DP
1909	348 14:39:11	31				B- UVSLEW			21282:04:001F	01-348/03:00:35	1TB
1910	348 14:39:11	31				SLEW TO HELIO-3A			21282:04:001F	01-348/03:00:35	1T
1911	348 14:39:11	31				B- PLATPOA			21282:04:001F	01-348/03:00:35	1TB
1912	348 14:39:11	31			AC7SPK	(1 12 2 120 138) EL SLEW R=LOW	AACS		21282:04:003F	01-348/03:00:36	1ECa
1913	348 14:41:33	31				B- SLEND			21282:06:768F	01-348/03:02:57	1TB
1914	348 14:41:33	31			SLEWEND	AZ=299.982 EL=101.007 CO=104.089			21282:06:768F	01-348/03:02:57	1T





FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT 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	349 06:44:50	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	21302:11:001F	01-348/19:06:11	1ESf
1949	349 06:44:50	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		21302:11:002F	01-348/19:06:11	1ECs
1950	349 06:44:51	31				B- DRCRUS			21302:11:018F	01-348/19:06:12	1TB
1951	349 06:44:51	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		21302:11:026F	01-348/19:06:13	1ECf
1952	349 06:45:38	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	21302:12:001F	01-348/19:06:59	1ESf
1953	349 06:45:38	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		21302:12:002F	01-348/19:06:59	1ECs
1954	349 06:45:38	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		21302:12:002F	01-348/19:07:00	1ECd
1955	349 06:45:38	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2062	DTR		21302:12:002F	01-348/19:07:00	1ESd
1956	349 06:46:26	31			SC32AJ	(11) PLS CONFIG CMD	FDS		21302:13:009F	01-348/19:07:48	1ECf
1957	349 06:46:27	31				END PWSREC.31			21302:13:018F	01-348/19:07:48	1T
1958	349 06:55:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8891 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1959	349 08:52:02	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		21304:50:002F	01-348/21:13:24	1ECd
1960	349 08:52:02	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2055	DTR		21304:50:002F	01-348/21:13:24	1ESd
1961	349 09:19:16	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		21305:24:038F	01-348/21:40:38	1ECd
1962	349 09:19:16	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2644	DTR		21305:24:038F	01-348/21:40:38	1ESd
1963	349 10:40:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8891					1DP
1964	349 11:52:02	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		21308:35:002F	01-349/00:13:24	1ECd
1965	349 12:00:00	31				VGR-31 OWLT IS 11H 38M 38S					1L
1966	349 13:28:47	31	10RISE			10 DEGREE RISE DSC-10					1V
1967	349 14:39:15	31				B- UVSLEW			21312:04:001F	01-349/03:00:35	1TB
1968	349 14:39:15	31				SLEW TO HELIO-5A			21312:04:001F	01-349/03:00:35	1T
1969	349 14:39:15	31				B- PLATPOA			21312:04:001F	01-349/03:00:35	1TB
1970	349 14:39:15	31			AC7SPK	(1 12 1 105 040) EL SLEW R=LOW	AACS		21312:04:003F	01-349/03:00:36	1ECa
1971	349 14:41:53	31				B- SLEND			21312:07:234F	01-349/03:03:13	1TB
1972	349 14:41:53	31			SLEWEND	AZ=299.982 EL=122.506 CO=125.466			21312:07:234F	01-349/03:03:13	1T
1973	349 14:50:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8892 (D/L ONLY)					1DP
1974	349 17:28:28	31	60 SET			10 DEGREE SET DSC-60					1V
1975	349 20:52:45	31	40RISE			10 DEGREE RISE DSC-40					1V
1976	349 23:35:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8892					1DP
1977	350 00:00:00	31				VGR-31 OWLT IS 11H 38M 40S					1L

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1978	350 00:54:44	31	10	SET		10 DEGREE SET DSC-10					1V
1979	350 02:39:17	31				B- UVSLEW			21327:04:001F	01-349/15:00:35	1TB
1980	350 02:39:17	31				SLEW TO HELIO-6A			21327:04:001F	01-349/15:00:35	1T
1981	350 02:39:17	31				B- PLATPOA			21327:04:001F	01-349/15:00:35	1TB
1982	350 02:39:17	31			AC7SPK	(1 12 2 100 171) EL SLEW R=LOW	AACS		21327:04:003F	01-349/15:00:36	1ECa
1983	350 02:40:54	31				B- SLEND			21327:06:018F	01-349/15:02:12	1TB
1984	350 02:40:54	31			SLEWEND	AZ=299.982 EL=129.990 CO=132.895			21327:06:018F	01-349/15:02:12	1T
1985	350 05:52:24	31	60	RISE		10 DEGREE RISE DSC-60					1V
1986	350 06:01:43	31	40	SET		10 DEGREE SET DSC-40					1V
1987	350 08:10:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-8892 (D/L ONLY)					1DP
1988	350 12:00:00	31				VGR-31 OWLT IS 11H 38M 42S					1L
1989	350 13:24:54	31	10	RISE		10 DEGREE RISE DSC-10					1V
1990	350 14:39:18	31				B- UVSLEW			21342:04:001F	01-350/03:00:35	1TB
1991	350 14:39:18	31				SLEW TO HELIO-7A			21342:04:001F	01-350/03:00:35	1T
1992	350 14:39:18	31				B- PLATPOA			21342:04:001F	01-350/03:00:35	1TB
1993	350 14:39:18	31			AC7SPK	(1 12 2 094 118) EL SLEW R=LOW	AACS		21342:04:003F	01-350/03:00:36	1ECa
1994	350 14:41:13	31				B- SLEND			21342:06:318F	01-350/03:02:30	1TB
1995	350 14:41:13	31			SLEWEND	AZ=299.982 EL=138.992 CO=141.799			21342:06:318F	01-350/03:02:30	1T
1996	350 14:55:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-8893 (D/L ONLY)					1DP
1997	350 16:25:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-8892					1DP
1998	350 17:24:35	31	60	SET		10 DEGREE SET DSC-60					1V
1999	350 20:48:53	31	40	RISE		10 DEGREE RISE DSC-40					1V
2000	350 23:30:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-8893					1DP

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2001	351 00:00:00	31				VGR-31 OWLT IS 11H 38M 43S					1L
2002	351 00:50:52	31	10	SET		10 DEGREE SET DSC-10					1V
2003	351 02:39:20	31				B- UVSLEW			21357:04:001F	01-350/15:00:35	1TB
2004	351 02:39:20	31				SLEW TO HELIO-8A			21357:04:001F	01-350/15:00:35	1T
2005	351 02:39:20	31				B- PLATPOA			21357:04:001F	01-350/15:00:35	1TB
2006	351 02:39:20	31			AC7SPK	(1 12 1 086 120) EL SLEW R=LOW	AACS		21357:04:003F	01-350/15:00:36	1ECa
2007	351 02:41:42	31				B- SLEND			21357:06:768F	01-350/15:02:57	1TB
2008	351 02:41:42	31			SLEWEND	AZ=299.982 EL=150.191 CO=152.784			21357:06:768F	01-350/15:02:57	1T
2009	351 05:48:31	31	60	RISE		10 DEGREE RISE DSC-60					1V
2010	351 05:57:50	31	40	SET		10 DEGREE SET DSC-40					1V
2011	351 07:50:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-8893 (D/L ONLY)					1DP
2012	351 12:00:00	31				VGR-31 OWLT IS 11H 38M 45S					1L
2013	351 13:21:01	31	10	RISE		10 DEGREE RISE DSC-10					1V
2014	351 14:39:21	31				B- UVSLEW			21372:04:001F	01-351/03:00:35	1TB
2015	351 14:39:21	31				SLEW TO HELIO-9A			21372:04:001F	01-351/03:00:35	1T
2016	351 14:39:21	31				B- PLATPOA			21372:04:001F	01-351/03:00:35	1TB
2017	351 14:39:21	31			AC7SPK	(1 12 1 079 028) EL SLEW R=LOW	AACS		21372:04:003F	01-351/03:00:36	1ECa
2018	351 14:41:30	31				B- SLEND			21372:06:551F	01-351/03:02:44	1TB
2019	351 14:41:30	31			SLEWEND	AZ=299.982 EL=160.313 CO=162.501			21372:06:551F	01-351/03:02:44	1T
2020	351 14:54:33	31			AC7SSB	(3 +007) SS BIAS CONTROL - PITCH	AACS		21372:23:003F	01-351/03:15:48	1ECa
2021	351 15:05:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-8894 (D/L ONLY)					1DP
2022	351 15:10:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-8893					1DP
2023	351 17:20:42	31	60	SET		10 DEGREE SET DSC-60					1V



FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2024	351 20:45:00	31	40RISE			10 DEGREE RISE DSC-40					1V
2025	351 23:25:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8894					1DP
2026	352 00:00:00	31				VGR-31 OWLT IS 11H 38M 47S					1L
2027	352 00:46:59	31	10 SET			10 DEGREE SET DSC-10					1V
2028	352 02:39:23	31				B- UVSLEW			21387:04:001F	01-351/15:00:35	1TB
2029	352 02:39:23	31				SLEW TO HELIO-10A			21387:04:001F	01-351/15:00:35	1T
2030	352 02:39:23	31				B- PLATPOA			21387:04:001F	01-351/15:00:35	1TB
2031	352 02:39:23	31			AC7SPK	(1 12 1 071 142) EL SLEW R=LOW	AACS		21387:04:003F	01-351/15:00:36	1ECa
2032	352 02:41:51	31				B- SLEND			21387:07:068F	01-351/15:03:03	1TB
2033	352 02:41:51	31			SLEWEND	AZ=299.982 EL=172.024 CO=172.405			21387:07:068F	01-351/15:03:03	1T
2034	352 05:44:38	31	60RISE			10 DEGREE RISE DSC-60					1V
2035	352 05:53:58	31	40 SET			10 DEGREE SET DSC-40					1V
2036	352 10:10:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8894 (D/L ONLY)					1DP
2037	352 12:00:00	31				VGR-31 OWLT IS 11H 38M 48S					1L
2038	352 13:17:09	31	10RISE			10 DEGREE RISE DSC-10					1V
2039	352 14:39:25	31				B- UVSLEW			21402:04:001F	01-352/03:00:35	1TB
2040	352 14:39:25	31				SLEW TO MIDPNT-A			21402:04:001F	01-352/03:00:35	1T
2041	352 14:39:25	31				B- PLATPOB			21402:04:001F	01-352/03:00:35	1TB
2042	352 14:39:25	31			AC7SPK	(1 12 1 093 214) EL SLEW R=LOW	AACS		21402:04:003F	01-352/03:00:36	1ECa
2043	352 14:39:25	31			AC7SPK	(2 12 2 167 105) AZ SLEW R=LOW	AACS		21402:04:005F	01-352/03:00:36	1ECa
2044	352 14:55:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8895 (D/L ONLY)					1DP
2045	352 15:01:41	31				B- SLEND			21402:31:668F	01-352/03:22:51	1TB
2046	352 15:01:41	31			SLEWEND	AZ=223.065 EL=140.021 CO=134.823			21402:31:668F	01-352/03:22:51	1T



FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2062	353 00:20:58	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2644	DTR		21414:10:735F	01-352/12:42:08	1ESd
2063	353 00:21:02	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	21414:11:001F	01-352/12:42:11	1ESf
2064	353 00:21:02	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		21414:11:002F	01-352/12:42:11	1ECs
2065	353 00:21:03	31				B- DRCRUS			21414:11:018F	01-352/12:42:12	1TB
2066	353 00:21:03	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		21414:11:026F	01-352/12:42:13	1ECf
2067	353 00:21:50	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	21414:12:001F	01-352/12:42:59	1ESf
2068	353 00:21:50	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		21414:12:002F	01-352/12:42:59	1ECs
2069	353 00:21:50	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		21414:12:002F	01-352/12:43:00	1ECd
2070	353 00:21:50	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2936	DTR		21414:12:002F	01-352/12:43:00	1ESd

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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
2071	353 00:22:38	31			SC32AJ	(11) PLS CONFIG CMD	FDS		21414:13:009F	01-352/12:43:48	1ECf
2072	353 00:22:39	31				END PWSREC.31			21414:13:018F	01-352/12:43:48	1T
2073	353 00:43:06	31	10	SET		10 DEGREE SET DSC-10					1V
2074	353 05:40:45	31	60	RISE		10 DEGREE RISE DSC-60					1V
2075	353 05:50:05	31	40	SET		10 DEGREE SET DSC-40					1V
2076	353 06:50:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-8895 (D/L ONLY)					1DP
2077	353 12:00:00	31				VGR-31 OWLT IS 11H 38M 51S					1L
2078	353 13:13:16	31	10	RISE		10 DEGREE RISE DSC-10					1V
2079	353 14:39:28	31				B- UVSLEW			21432:04:001F	01-353/03:00:35	1TB
2080	353 14:39:28	31				SLEW TO HELIO-11A			21432:04:001F	01-353/03:00:35	1T
2081	353 14:39:28	31				B- PLATPOB			21432:04:001F	01-353/03:00:35	1TB
2082	353 14:39:28	31			AC7SPK	(2 12 2 098 079) AZ SLEW R=LOW	AACS		21432:04:003F	01-353/03:00:36	1ECa
2083	353 14:39:28	31			AC7SPK	(1 12 2 068 139) EL SLEW R=LOW	AACS		21432:04:005F	01-353/03:00:36	1ECa
2084	353 15:06:41	31				B- SLEND			21432:38:018F	01-353/03:27:48	1TB
2085	353 15:06:41	31			SLEWEND	AZ=125.000 EL=175.834 CO=170.346			21432:38:018F	01-353/03:27:48	1T
2086	353 15:50:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-8896 (D/L ONLY)					1DP
2087	353 16:10:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-8895					1DP
2088	353 17:12:57	31	60	SET		10 DEGREE SET DSC-60					1V
2089	353 20:37:14	31	40	RISE		10 DEGREE RISE DSC-40					1V
2090	353 23:30:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-8896					1DP
2091	354 00:00:00	31				VGR-31 OWLT IS 11H 38M 53S					1L
2092	354 00:39:13	31	10	SET		10 DEGREE SET DSC-10					1V
2093	354 02:39:29	31				B- UVSLEW			21447:04:001F	01-353/15:00:35	1TB

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2094	354 02:39:29	31				SLEW TO HELIO-12A			21447:04:001F	01-353/15:00:35	1T
2095	354 02:39:29	31				B- PLATPOA			21447:04:001F	01-353/15:00:35	1TB
2096	354 02:39:29	31			AC7SPK	(1 12 1 076 107) EL SLEW R=LOW	AACS		21447:04:003F	01-353/15:00:36	1ECa
2097	354 02:41:45	31				B- SLEND			21447:06:668F	01-353/15:02:51	1TB
2098	354 02:41:45	31			SLEWEND	AZ=125.000 EL=165.546 CO=160.975			21447:06:668F	01-353/15:02:51	1T
2099	354 05:36:52	31	60RISE			10 DEGREE RISE DSC-60					1V
2100	354 05:46:12	31	40 SET			10 DEGREE SET DSC-40					1V
2101	354 06:35:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8896 (D/L ONLY)					1DP
2102	354 10:35:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8896					1DP
2103	354 12:00:00	31				VGR-31 OWLT IS 11H 38M 54S					1L
2104	354 13:09:23	31	10RISE			10 DEGREE RISE DSC-10					1V
2105	354 14:35:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8897 (D/L ONLY)					1DP
2106	354 14:39:31	31				B- UVSLEW			21462:04:001F	01-354/03:00:35	1TB
2107	354 14:39:31	31				SLEW TO HELIO-13A			21462:04:001F	01-354/03:00:35	1T
2108	354 14:39:31	31				B- PLATPOA			21462:04:001F	01-354/03:00:35	1TB
2109	354 14:39:31	31			AC7SPK	(1 12 2 084 117) EL SLEW R=LOW	AACS		21462:04:003F	01-354/03:00:36	1ECa
2110	354 14:41:57	31				B- SLEND			21462:07:034F	01-354/03:03:01	1TB
2111	354 14:41:57	31			SLEWEND	AZ=125.000 EL=154.029 CO=149.805			21462:07:034F	01-354/03:03:01	1T
2112	354 15:02:43	31			AC7SSB	(4 +163) SS BIAS CONTROL --- YAW	AACS		21462:33:003F	01-354/03:23:48	1ECa
2113	354 17:09:04	31	60 SET			10 DEGREE SET DSC-60					1V
2114	354 19:35:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8897					1DP
2115	354 20:33:21	31	40RISE			10 DEGREE RISE DSC-40					1V
2116	355 00:00:00	31				VGR-31 OWLT IS 11H 38M 56S					1L

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2117	355 00:35:20	31	10	SET		10 DEGREE SET DSC-10					1V
2118	355 02:39:32	31				B- UVSLEW			21477:04:001F	01-354/15:00:35	1TB
2119	355 02:39:32	31				SLEW TO HELIO-14A			21477:04:001F	01-354/15:00:35	1T
2120	355 02:39:32	31				B- PLATPOA			21477:04:001F	01-354/15:00:35	1TB
2121	355 02:39:32	31			AC7SPK	(1 12 2 090 170) EL SLEW R=LOW	AACS		21477:04:003F	01-354/15:00:36	1ECa
2122	355 02:41:28	31				B- SLEND			21477:06:334F	01-354/15:02:31	1TB
2123	355 02:41:28	31			SLEWEND	AZ=125.000 EL=145.017 CO=140.965			21477:06:334F	01-354/15:02:31	1T
2124	355 05:32:59	31	60	RISE		10 DEGREE RISE DSC-60					1V
2125	355 05:42:19	31	40	SET		10 DEGREE SET DSC-40					1V
2126	355 07:05:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-8897 (D/L ONLY)					1DP
2127	355 10:30:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-8897					1DP
2128	355 12:00:00	31				VGR-31 OWLT IS 11H 38M 57S					1L
2129	355 13:05:30	31	10	RISE		10 DEGREE RISE DSC-10					1V
2130	355 13:35:00	31	14	AO	OPCH ACE	AOS DSS-14 PASS-8898 (U/L PASS)					1DP
2131	355 13:55:00	31	14		OPCH 14	== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
2132	355 13:55:00	31	14		OPCH 14	== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
2133	355 13:56:00	31	14		OPCH 14	== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD

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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
2134	355 13:57:00	31	14	OPCH 14		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
2135	355 14:22:00	31	14	OPCH 14		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
2136	355 14:39:33	31				B- UVSLEW			21492:04:001F	01-355/03:00:35	1TB
2137	355 14:39:33	31				SLEW TO HELIO-15A			21492:04:001F	01-355/03:00:35	1T
2138	355 14:39:33	31				B- PLATPOA			21492:04:001F	01-355/03:00:35	1TB
2139	355 14:39:33	31			AC7SPK	(1 12 1 097 130) EL SLEW R=LOW	AACS		21492:04:003F	01-355/03:00:36	1ECa
2140	355 14:41:42	31				B- SLEND			21492:06:551F	01-355/03:02:44	1TB
2141	355 14:41:42	31			SLEWEND	AZ=125.000 EL=134.909 CO=130.955			21492:06:551F	01-355/03:02:44	1T
2142	355 17:05:11	31	60	SET		10 DEGREE SET DSC-60					1V
2143	355 17:15:00	31	14	LO	OPCH ACE	LOS DSS-14 PASS-8898					1DP
2144	355 20:29:29	31	40	RISE		10 DEGREE RISE DSC-40					1V
2145	355 20:56:22	31			AC7SSB	(3 +006) SS BIAS CONTROL - PITCH	AACS		21499:55:003F	01-355/09:17:24	1ECa
2146	356 00:00:00	31				VGR-31 OWLT IS 11H 38M 58S					1L
2147	356 00:31:28	31	10	SET		10 DEGREE SET DSC-10					1V
2148	356 02:39:35	31				B- UVSLEW			21507:04:001F	01-355/15:00:35	1TB
2149	356 02:39:35	31				SLEW TO HELIO-16A			21507:04:001F	01-355/15:00:35	1T
2150	356 02:39:35	31				B- PLATPOA			21507:04:001F	01-355/15:00:35	1TB
2151	356 02:39:35	31			AC7SPK	(1 12 2 111 206) EL SLEW R=LOW	AACS		21507:04:003F	01-355/15:00:36	1ECa
2152	356 02:43:54	31				B- SLEND			21507:09:318F	01-355/15:04:54	1TB





FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2166	356 06:19:35	31				AHEL11 PWSREC 06			21511:39:001F	01-355/18:40:35	1T
2167	356 06:19:35	31				B- PWSREC.31			21511:39:001F	01-355/18:40:35	1TB
2168	356 06:19:35	31				BEGIN PWSREC.31			21511:39:001F	01-355/18:40:35	1T
2169	356 06:19:35	31			SC32AJ	(10) PLS CONFIG CMD	FDS		21511:39:009F	01-355/18:40:36	1ECf
2170	356 06:20:23	31				B- DRGS4B			21511:40:001F	01-355/18:41:23	1TB
2171	356 06:20:23	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		21511:40:009F	01-355/18:41:24	1ECf
2172	356 06:21:07	31				BEGIN RECORDING PWS DATA			21511:40:734F	01-355/18:42:07	1T
2173	356 06:21:07	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		21511:40:735F	01-355/18:42:08	1ECd
2174	356 06:21:07	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:2055	DTR		21511:40:735F	01-355/18:42:08	1ESd
2175	356 06:21:11	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	21511:41:001F	01-355/18:42:11	1ESf
2176	356 06:21:11	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		21511:41:002F	01-355/18:42:11	1ECs
2177	356 06:21:12	31				B- DRCRUS			21511:41:018F	01-355/18:42:12	1TB
2178	356 06:21:12	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		21511:41:026F	01-355/18:42:13	1ECf

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2179	356 06:21:59	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	21511:42:001F	01-355/18:42:59	1ESf
2180	356 06:21:59	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		21511:42:002F	01-355/18:42:59	1ECs
2181	356 06:21:59	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		21511:42:002F	01-355/18:43:00	1ECd
2182	356 06:21:59	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1763	DTR		21511:42:002F	01-355/18:43:00	1ESd
2183	356 06:22:47	31			SC32AJ	(11) PLS CONFIG CMD	FDS		21511:43:009F	01-355/18:43:48	1ECf
2184	356 06:22:48	31				END PWSREC.31			21511:43:018F	01-355/18:43:48	1T
2185	356 06:40:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8898 (D/L ONLY)					1DP
2186	356 08:28:23	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		21514:20:002F	01-355/20:49:24	1ECd
2187	356 08:28:23	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1756	DTR		21514:20:002F	01-355/20:49:24	1ESd
2188	356 09:23:18	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		21515:28:523F	01-355/21:44:19	1ECd
2189	356 09:23:18	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2943	DTR		21515:28:523F	01-355/21:44:19	1ESd
2190	356 11:28:24	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		21518:05:002F	01-355/23:49:24	1ECd
2191	356 12:00:00	31				VGR-31 OWLT IS 11H 39M 00S					1L
2192	356 13:01:37	31	10RISE			10 DEGREE RISE DSC-10					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
2193	356 13:09:12	31				B- RFSTLC			21520:11:001F	01-356/01:30:11	1TB
2194	356 13:40:02	31	65	OPCH 65		== START TLC TEST DOWN-LINK ==					1TD
2195	356 14:39:36	31				B- UVSLEW			21522:04:001F	01-356/03:00:35	1TB
2196	356 14:39:36	31				SLEW TO HELIO-17A			21522:04:001F	01-356/03:00:35	1T
2197	356 14:39:36	31				B- PLATPOA			21522:04:001F	01-356/03:00:35	1TB
2198	356 14:39:36	31			AC7SPK	(1 12 1 127 093) EL SLEW R=LOW	AACS		21522:04:003F	01-356/03:00:36	1ECa
2199	356 14:41:02	31	65	OPCH 65		== END TLC TEST DOWN-LINK ==					1TD
2200	356 14:44:21	31				B- SLEND			21522:09:751F	01-356/03:05:20	1TB
2201	356 14:44:21	31			SLEWEND	AZ=125.000 EL=91.051 CO=87.294			21522:09:751F	01-356/03:05:20	1T
2202	356 15:35:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8899 (D/L ONLY)					1DP
2203	356 15:55:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8898					1DP
2204	356 17:01:19	31	60 SET			10 DEGREE SET DSC-60					1V
2205	356 20:25:36	31	40RISE			10 DEGREE RISE DSC-40					1V
2206	356 23:15:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8899					1DP
2207	357 00:00:00	31				VGR-31 OWLT IS 11H 39M 01S					1L
2208	357 00:27:35	31	10 SET			10 DEGREE SET DSC-10					1V
2209	357 02:39:37	31				B- UVSLEW			21537:04:001F	01-356/15:00:35	1TB
2210	357 02:39:37	31				SLEW TO HELIO-18A			21537:04:001F	01-356/15:00:35	1T
2211	357 02:39:37	31				B- PLATPOA			21537:04:001F	01-356/15:00:35	1TB
2212	357 02:39:37	31			AC7SPK	(1 12 2 141 138) EL SLEW R=LOW	AACS		21537:04:003F	01-356/15:00:36	1ECa
2213	357 02:43:46	31				B- SLEND			21537:09:151F	01-356/15:04:44	1TB

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2214	357 02:43:46	31			SLEWEND	AZ=125.000 EL=71.042 CO=67.406			21537:09:151F	01-356/15:04:44	1T
2215	357 05:25:13	31	60RISE			10 DEGREE RISE DSC-60					1V
2216	357 05:34:33	31	40 SET			10 DEGREE SET DSC-40					1V
2217	357 07:20:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8899 (D/L ONLY)					1DP
2218	357 12:00:00	31				VGR-31 OWLT IS 11H 39M 02S					1L
2219	357 12:57:44	31	10RISE			10 DEGREE RISE DSC-10					1V
2220	357 14:39:38	31				B- UVSLEW			21552:04:001F	01-357/03:00:35	1TB
2221	357 14:39:38	31				SLEW TO HELIO-19A			21552:04:001F	01-357/03:00:35	1T
2222	357 14:39:38	31				B- PLATPOA			21552:04:001F	01-357/03:00:35	1TB
2223	357 14:39:38	31			AC7SPK	(1 12 2 157 158) EL SLEW R=LOW	AACS		21552:04:003F	01-357/03:00:36	1ECa
2224	357 14:44:23	31				B- SLEND			21552:09:751F	01-357/03:05:20	1TB
2225	357 14:44:23	31			SLEWEND	AZ=125.000 EL=48.031 CO=44.560			21552:09:751F	01-357/03:05:20	1T
2226	357 15:30:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8900 (D/L ONLY)					1DP
2227	357 15:50:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8899					1DP
2228	357 16:57:26	31	60 SET			10 DEGREE SET DSC-60					1V
2229	357 20:21:43	31	40RISE			10 DEGREE RISE DSC-40					1V
2230	357 23:10:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8900					1DP
2231	358 00:00:00	31				VGR-31 OWLT IS 11H 39M 03S					1L
2232	358 00:23:42	31	10 SET			10 DEGREE SET DSC-10					1V
2233	358 00:45:00	31	43 AO	OPCH ACE		AOS DSS-43 PASS-8900 (U/L PASS)					1DP
2234	358 02:39:40	31				B- UVSLEW			21567:04:001F	01-357/15:00:35	1TB
2235	358 02:39:40	31				SLEW TO HELIO-20B			21567:04:001F	01-357/15:00:35	1T
2236	358 02:39:40	31				B- PLATPOA			21567:04:001F	01-357/15:00:35	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
2237	358 02:39:40	31			AC7SPK	(1 12 2 173 176) EL SLEW R=LOW	AACS		21567:04:003F	01-357/15:00:36	1ECa
2238	358 02:44:25	31				B- SLEND			21567:09:751F	01-357/15:05:20	1TB
2239	358 02:44:25	31			SLEWEND	AZ=125.000 EL=25.026 CO=21.975			21567:09:751F	01-357/15:05:20	1T
2240	358 03:20:00	31	43 LO	OPCH ACE		LOS DSS-43 PASS-8900					1DP
2241	358 05:21:20	31	60RISE			10 DEGREE RISE DSC-60					1V
2242	358 05:30:40	31	40 SET			10 DEGREE SET DSC-40					1V
2243	358 08:05:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8900 (D/L ONLY)					1DP
2244	358 12:00:00	31				VGR-31 OWLT IS 11H 39M 05S					1L
2245	358 12:53:51	31	10RISE			10 DEGREE RISE DSC-10					1V
2246	358 14:00:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8901 (D/L ONLY)					1DP
2247	358 14:40:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8900					1DP
2248	358 16:53:33	31	60 SET			10 DEGREE SET DSC-60					1V
2249	358 20:17:51	31	40RISE			10 DEGREE RISE DSC-40					1V
2250	358 23:05:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8901					1DP
2251	359 00:00:00	31				VGR-31 OWLT IS 11H 39M 06S					1L
2252	359 00:19:49	31	10 SET			10 DEGREE SET DSC-10					1V
2253	359 05:17:27	31	60RISE			10 DEGREE RISE DSC-60					1V
2254	359 05:26:46	31	40 SET			10 DEGREE SET DSC-40					1V
2255	359 12:00:00	31				VGR-31 OWLT IS 11H 39M 07S					1L
2256	359 12:49:57	31	10RISE			10 DEGREE RISE DSC-10					1V
2257	359 14:04:43	31				B- RFSTLC			21611:20:201F	01-359/02:25:35	1TB
2258	359 16:49:40	31	60 SET			10 DEGREE SET DSC-60					1V
2259	359 20:13:58	31	40RISE			10 DEGREE RISE DSC-40					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
2277	359 23:57:16	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		21623:40:735F	01-359/12:18:08	1ECd
2278	359 23:57:16	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2943	DTR		21623:40:735F	01-359/12:18:08	1ESd
2279	359 23:57:20	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	21623:41:001F	01-359/12:18:11	1ESf
2280	359 23:57:20	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		21623:41:002F	01-359/12:18:11	1ECs
2281	359 23:57:21	31				B- DRCRUS			21623:41:018F	01-359/12:18:12	1TB
2282	359 23:57:21	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		21623:41:026F	01-359/12:18:13	1ECf
2283	359 23:58:08	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	21623:42:001F	01-359/12:18:59	1ESf
2284	359 23:58:08	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		21623:42:002F	01-359/12:18:59	1ECs
2285	359 23:58:08	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		21623:42:002F	01-359/12:19:00	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
2286	359 23:58:08	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3235	DTR		21623:42:002F	01-359/12:19:00	1ESd
2287	359 23:58:56	31			SC32AJ	(11) PLS CONFIG CMD	FDS		21623:43:009F	01-359/12:19:48	1ECf
2288	359 23:58:57	31				END PWSREC.31			21623:43:018F	01-359/12:19:48	1T
2289	360 00:00:00	31				VGR-31 OWLT IS 11H 39M 08S					1L
2290	360 00:15:57	31	10 SET			10 DEGREE SET DSC-10					1V
2291	360 02:15:00	31	45 LO	OPCH ACE		LOS DSS-45 PASS-8902					1DP
2292	360 02:58:08	31			AC7SSB	(3 +005) SS BIAS CONTROL - PITCH	AACS		21627:27:003F	01-359/15:19:00	1ECa
2293	360 05:13:34	31	60RISE			10 DEGREE RISE DSC-60					1V
2294	360 05:22:53	31	40 SET			10 DEGREE SET DSC-40					1V
2295	360 09:39:45	31				B- UVSLEW			21635:49:001F	01-359/22:00:35	1TB
2296	360 09:39:45	31				SLEW TO HELIO-2C			21635:49:001F	01-359/22:00:35	1T
2297	360 09:39:45	31				B- PLATPOA			21635:49:001F	01-359/22:00:35	1TB
2298	360 09:39:45	31			AC7SPK	(1 12 1 128 136) EL SLEW R=LOW	AACS		21635:49:003F	01-359/22:00:36	1ECa
2299	360 09:41:50	31				B- SLEND			21635:51:484F	01-359/22:02:40	1TB
2300	360 09:41:50	31			SLEWEND	AZ=44.289 EL=89.815 CO=94.749			21635:51:484F	01-359/22:02:40	1T
2301	360 12:00:00	31				VGR-31 OWLT IS 11H 39M 09S					1L
2302	360 12:46:04	31	10RISE			10 DEGREE RISE DSC-10					1V
2303	360 13:50:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8903 (D/L ONLY)					1DP
2304	360 16:45:48	31	60 SET			10 DEGREE SET DSC-60					1V
2305	360 20:10:05	31	40RISE			10 DEGREE RISE DSC-40					1V
2306	360 21:39:46	31				B- UVSLEW			21650:49:001F	01-360/10:00:35	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
2307	360 21:39:46	31				SLEW TO HELIO-3C			21650:49:001F	01-360/10:00:35	1T
2308	360 21:39:46	31				B- PLATPOA			21650:49:001F	01-360/10:00:35	1TB
2309	360 21:39:46	31			AC7SPK	(1 12 2 120 138) EL SLEW R=LOW	AACS		21650:49:003F	01-360/10:00:36	1ECa
2310	360 21:42:08	31				B- SLEND			21650:51:768F	01-360/10:02:57	1TB
2311	360 21:42:08	31			SLEWEND	AZ=44.289 EL=101.007 CO=105.897			21650:51:768F	01-360/10:02:57	1T
2312	360 23:00:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8903					1DP
2313	361 00:00:00	31				VGR-31 OWLT IS 11H 39M 10S					1L
2314	361 00:12:04	31	10 SET			10 DEGREE SET DSC-10					1V
2315	361 05:09:41	31	60RISE			10 DEGREE RISE DSC-60					1V
2316	361 05:19:00	31	40 SET			10 DEGREE SET DSC-40					1V
2317	361 06:20:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8903 (D/L ONLY)					1DP
2318	361 09:39:47	31				B- UVSLEW			21665:49:001F	01-360/22:00:35	1TB
2319	361 09:39:47	31				SLEW TO HELIO-4C			21665:49:001F	01-360/22:00:35	1T
2320	361 09:39:47	31				B- PLATPOA			21665:49:001F	01-360/22:00:35	1TB
2321	361 09:39:47	31			AC7SPK	(1 12 2 114 085) EL SLEW R=LOW	AACS		21665:49:003F	01-360/22:00:36	1ECa
2322	361 09:41:42	31				B- SLEND			21665:51:318F	01-360/22:02:30	1TB
2323	361 09:41:42	31			SLEWEND	AZ=44.289 EL=110.004 CO=114.864			21665:51:318F	01-360/22:02:30	1T
2324	361 12:00:00	31				VGR-31 OWLT IS 11H 39M 11S					1L
2325	361 12:42:11	31	10RISE			10 DEGREE RISE DSC-10					1V
2326	361 13:40:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8903					1DP
2327	361 14:05:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8904 (D/L ONLY)					1DP
2328	361 16:41:55	31	60 SET			10 DEGREE SET DSC-60					1V
2329	361 19:35:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8904					1DP

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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
2330	361 20:06:12	31	40RISE			10 DEGREE RISE DSC-40					1V
2331	361 21:39:48	31				B- UVSLEW			21680:49:001F	01-361/10:00:35	1TB
2332	361 21:39:48	31				SLEW TO HELIO-5C			21680:49:001F	01-361/10:00:35	1T
2333	361 21:39:48	31				B- PLATPOA			21680:49:001F	01-361/10:00:35	1TB
2334	361 21:39:48	31			AC7SPK	(1 12 1 105 040) EL SLEW R=LOW	AACS		21680:49:003F	01-361/10:00:36	1ECa
2335	361 21:42:26	31				B- SLEND			21680:52:234F	01-361/10:03:13	1TB
2336	361 21:42:26	31			SLEWEND	AZ=44.289 EL=122.506 CO=127.325			21680:52:234F	01-361/10:03:13	1T
2337	362 00:00:00	31				VGR-31 OWLT IS 11H 39M 12S					1L
2338	362 00:08:11	31	10 SET			10 DEGREE SET DSC-10					1V
2339	362 05:05:47	31	60RISE			10 DEGREE RISE DSC-60					1V
2340	362 05:15:07	31	40 SET			10 DEGREE SET DSC-40					1V
2341	362 06:39:01	31			AC7SSB	(4 +164) SS BIAS CONTROL --- YAW	AACS		21692:03:003F	01-361/18:59:48	1ECa
2342	362 09:39:49	31				B- UVSLEW			21695:49:001F	01-361/22:00:35	1TB
2343	362 09:39:49	31				SLEW TO HELIO-6C			21695:49:001F	01-361/22:00:35	1T
2344	362 09:39:49	31				B- PLATPOA			21695:49:001F	01-361/22:00:35	1TB
2345	362 09:39:49	31			AC7SPK	(1 12 2 100 171) EL SLEW R=LOW	AACS		21695:49:003F	01-361/22:00:36	1ECa
2346	362 09:41:26	31				B- SLEND			21695:51:018F	01-361/22:02:12	1TB
2347	362 09:41:26	31			SLEWEND	AZ=44.289 EL=129.990 CO=134.805			21695:51:018F	01-361/22:02:12	1T
2348	362 12:00:00	31				VGR-31 OWLT IS 11H 39M 13S					1L
2349	362 12:38:18	31	10RISE			10 DEGREE RISE DSC-10					1V
2350	362 14:15:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8905 (D/L ONLY)					1DP
2351	362 16:38:02	31	60 SET			10 DEGREE SET DSC-60					1V
2352	362 18:15:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8905					1DP





FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2383	363 05:57:27	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	21721:11:001F	01-362/18:18:11	1ESf
2384	363 05:57:27	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		21721:11:002F	01-362/18:18:11	1ECs
2385	363 05:57:28	31				B- DRCRUS			21721:11:018F	01-362/18:18:12	1TB
2386	363 05:57:28	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		21721:11:026F	01-362/18:18:13	1ECf
2387	363 05:58:15	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	21721:12:001F	01-362/18:18:59	1ESf
2388	363 05:58:15	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		21721:12:002F	01-362/18:18:59	1ECs
2389	363 05:58:15	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		21721:12:002F	01-362/18:19:00	1ECd
2390	363 05:58:15	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1464	DTR		21721:12:002F	01-362/18:19:00	1ESd
2391	363 05:59:03	31			SC32AJ	(11) PLS CONFIG CMD	FDS		21721:13:009F	01-362/18:19:48	1ECf
2392	363 05:59:04	31				END PWSREC.31			21721:13:018F	01-362/18:19:48	1T
2393	363 06:55:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8905 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2394	363 08:04:39	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		21723:50:002F	01-362/20:25:24	1ECd
2395	363 08:04:39	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1457	DTR		21723:50:002F	01-362/20:25:24	1ESd
2396	363 09:27:15	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		21725:33:208F	01-362/21:48:00	1ECd
2397	363 09:27:15	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3242	DTR		21725:33:208F	01-362/21:48:00	1ESd
2398	363 09:39:51	31				B- UVSLEW			21725:49:001F	01-362/22:00:35	1TB
2399	363 09:39:51	31				SLEW TO HELIO-8C			21725:49:001F	01-362/22:00:35	1T
2400	363 09:39:51	31				B- PLATPOA			21725:49:001F	01-362/22:00:35	1TB
2401	363 09:39:51	31			AC7SPK	(1 12 1 086 120) EL SLEW R=LOW	AACS		21725:49:003F	01-362/22:00:36	1ECa
2402	363 09:42:13	31				B- SLEND			21725:51:768F	01-362/22:02:57	1TB
2403	363 09:42:13	31			SLEWEND	AZ=44.289 EL=150.191 CO=154.799			21725:51:768F	01-362/22:02:57	1T
2404	363 11:04:39	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		21727:35:002F	01-362/23:25:24	1ECd
2405	363 12:00:00	31				VGR-31 OWLT IS 11H 39M 15S					1L
2406	363 12:34:25	31	10RISE			10 DEGREE RISE DSC-10					1V
2407	363 13:55:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8906 (D/L ONLY)					1DP
2408	363 14:15:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8905					1DP
2409	363 16:34:10	31	60 SET			10 DEGREE SET DSC-60					1V
2410	363 19:58:27	31	40RISE			10 DEGREE RISE DSC-40					1V
2411	363 21:39:52	31				B- UVSLEW			21740:49:001F	01-363/10:00:35	1TB
2412	363 21:39:52	31				SLEW TO HELIO-9C			21740:49:001F	01-363/10:00:35	1T

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2413	363 21:39:52	31				B- PLATPOA			21740:49:001F	01-363/10:00:35	1TB
2414	363 21:39:52	31			AC7SPK	(1 12 1 079 028) EL SLEW R=LOW	AACS		21740:49:003F	01-363/10:00:36	1ECa
2415	363 21:42:01	31				B- SLEND			21740:51:551F	01-363/10:02:44	1TB
2416	363 21:42:01	31			SLEWEND	AZ=44.289 EL=160.313 CO=164.623			21740:51:551F	01-363/10:02:44	1T
2417	363 22:45:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8906					1DP
2418	364 00:00:00	31				VGR-31 OWLT IS 11H 39M 16S					1L
2419	364 00:00:26	31	10 SET			10 DEGREE SET DSC-10					1V
2420	364 04:58:01	31	60RISE			10 DEGREE RISE DSC-60					1V
2421	364 05:07:20	31	40 SET			10 DEGREE SET DSC-40					1V
2422	364 06:50:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8906 (D/L ONLY)					1DP
2423	364 08:59:53	31			AC7SSB	(3 +004) SS BIAS CONTROL - PITCH	AACS		21754:59:003F	01-363/21:20:36	1ECa
2424	364 09:39:53	31				B- UVSLEW			21755:49:001F	01-363/22:00:35	1TB
2425	364 09:39:53	31				SLEW TO HELIO-10C			21755:49:001F	01-363/22:00:35	1T
2426	364 09:39:53	31				B- PLATPOA			21755:49:001F	01-363/22:00:35	1TB
2427	364 09:39:53	31			AC7SPK	(1 12 1 071 142) EL SLEW R=LOW	AACS		21755:49:003F	01-363/22:00:36	1ECa
2428	364 09:42:21	31				B- SLEND			21755:52:068F	01-363/22:03:03	1TB
2429	364 09:42:21	31			SLEWEND	AZ=44.289 EL=172.024 CO=174.561			21755:52:068F	01-363/22:03:03	1T
2430	364 12:00:00	31				VGR-31 OWLT IS 11H 39M 17S					1L
2431	364 12:30:31	31	10RISE			10 DEGREE RISE DSC-10					1V
2432	364 13:50:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8907 (D/L ONLY)					1DP
2433	364 14:10:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8906					1DP
2434	364 16:30:17	31	60 SET			10 DEGREE SET DSC-60					1V
2435	364 19:54:34	31	40RISE			10 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2436	364 22:40:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8907					1DP
2437	364 23:56:33	31	10 SET			10 DEGREE SET DSC-10					1V
2438	365 00:00:00	31				VGR-31 OWLT IS 11H 39M 18S					1L
2439	365 04:54:07	31	60RISE			10 DEGREE RISE DSC-60					1V
2440	365 05:03:27	31	40 SET			10 DEGREE SET DSC-40					1V
2441	365 07:35:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8907 (D/L ONLY)					1DP
2442	365 12:00:00	31				VGR-31 OWLT IS 11H 39M 18S					1L
2443	365 12:26:38	31	10RISE			10 DEGREE RISE DSC-10					1V
2444	365 15:25:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8907					1DP
2445	365 16:26:24	31	60 SET			10 DEGREE SET DSC-60					1V
2446	365 19:50:42	31	40RISE			10 DEGREE RISE DSC-40					1V
2447	365 23:52:40	31	10 SET			10 DEGREE SET DSC-10					1V
2448	001 00:00:00	31				VGR-31 OWLT IS 11H 39M 19S					1L
2449	001 04:50:14	31	60RISE			10 DEGREE RISE DSC-60					1V
2450	001 04:59:33	31	40 SET			10 DEGREE SET DSC-40					1V
2451	001 12:00:00	31				VGR-31 OWLT IS 11H 39M 20S					1L
2452	001 12:22:45	31	10RISE			10 DEGREE RISE DSC-10					1V
2453	001 13:35:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8909 (D/L ONLY)					1DP
2454	001 15:39:56	31				B- UVSLEW			21823:19:001F	02-001/04:00:35	1TB
2455	001 15:39:56	31				SLEW TO MIDPNT-C			21823:19:001F	02-001/04:00:35	1T
2456	001 15:39:56	31				B- PLATPOB			21823:19:001F	02-001/04:00:35	1TB
2457	001 15:39:56	31			AC7SPK	(1 12 1 093 214) EL SLEW R=LOW	AACS		21823:19:003F	02-001/04:00:36	1ECa
2458	001 15:39:56	31			AC7SPK	(2 12 1 113 116) AZ SLEW R=LOW	AACS		21823:19:005F	02-001/04:00:36	1ECa





FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2478	001 23:32:45	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		21833:10:009F	02-001/11:53:24	1ECf
2479	001 23:33:29	31				BEGIN RECORDING PWS DATA			21833:10:734F	02-001/11:54:07	1T
2480	001 23:33:29	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		21833:10:735F	02-001/11:54:08	1ECd
2481	001 23:33:29	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:3242	DTR		21833:10:735F	02-001/11:54:08	1ESd
2482	001 23:33:33	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	21833:11:001F	02-001/11:54:11	1ESf
2483	001 23:33:33	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		21833:11:002F	02-001/11:54:11	1ECs
2484	001 23:33:34	31				B- DRCRUS			21833:11:018F	02-001/11:54:12	1TB
2485	001 23:33:34	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		21833:11:026F	02-001/11:54:13	1ECf
2486	001 23:34:21	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	21833:12:001F	02-001/11:54:59	1ESf

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2487	001 23:34:21	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		21833:12:002F	02-001/11:54:59	1ECs
2488	001 23:34:21	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		21833:12:002F	02-001/11:55:00	1ECd
2489	001 23:34:21	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3534	DTR		21833:12:002F	02-001/11:55:00	1ESd
2490	001 23:35:09	31			SC32AJ	(11) PLS CONFIG CMD	FDS		21833:13:009F	02-001/11:55:48	1ECf
2491	001 23:35:10	31				END PWSREC.31			21833:13:018F	02-001/11:55:48	1T
2492	001 23:45:33	31				B- DTRMA-1.31			21833:26:001F	02-001/12:06:11	1TB
2493	001 23:45:33	31				BEGIN DTRMA131			21833:26:001F	02-001/12:06:11	1T
2494	001 23:45:33	31			CC16C	(2217) DTR STATE SELECT: SLEW	DTR		21833:26:001F	02-001/12:06:11	1ECd
2495	001 23:45:33	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:7 TIC:3541	DTR		21833:26:001F	02-001/12:06:11	1ESd
2496	001 23:47:36	31			EOT	END OF TAPE			21833:28:449F	02-001/12:08:14	1Ed
2497	001 23:48:48	31	10 SET			10 DEGREE SET DSC-10					1V
2498	002 00:00:00	31				VGR-31 OWLT IS 11H 39M 21S					1L
2499	002 02:29:33	31			CC16C	(2228) DTR STATE SELECT: SLEW	DTR		21836:51:001F	02-001/14:50:11	1ECd
2500	002 02:29:33	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:8 TIC:3585	DTR		21836:51:001F	02-001/14:50:11	1ESd
2501	002 02:29:33	31			EOT	END OF TAPE			21836:51:010F	02-001/14:50:12	1Ed
2502	002 04:46:20	31	60RISE			10 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2503	002 04:55:40	31	40	SET		10 DEGREE SET DSC-40					1V
2504	002 05:06:18	31			BOT	BEGIN OF TAPE			21840:06:749F	02-001/17:26:56	1Ed
2505	002 05:09:31	31				TAPE AT BOT			21840:10:768F	02-001/17:30:09	1T
2506	002 05:09:31	31				END DTRMA131			21840:10:768F	02-001/17:30:09	1T
2507	002 05:13:33	31				TAPPOS-3540			21840:16:001F	02-001/17:34:11	1T
2508	002 05:13:33	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		21840:16:001F	02-001/17:34:11	1ECd
2509	002 05:13:33	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0199	DTR		21840:16:001F	02-001/17:34:11	1ESd
2510	002 05:13:33	31			BOT	BEGIN OF TAPE			21840:16:010F	02-001/17:34:12	1Ed
2511	002 06:00:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-8909 (D/L ONLY)					1DP
2512	002 07:48:11	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		21843:29:239F	02-001/20:08:50	1ECd
2513	002 07:48:11	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3540	DTR		21843:29:239F	02-001/20:08:50	1ESd
2514	002 08:01:33	31				REV/TRK 2			21843:46:001F	02-001/20:22:11	1T
2515	002 08:01:33	31			CC16C	(7022) DTR STATE SELECT: READY	DTR		21843:46:001F	02-001/20:22:11	1ECd
2516	002 08:01:33	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:3540	DTR		21843:46:001F	02-001/20:22:11	1ESd
2517	002 09:39:57	31				B- UVSLEW			21845:49:001F	02-001/22:00:35	1TB
2518	002 09:39:57	31				SLEW TO HELIO-12C			21845:49:001F	02-001/22:00:35	1T
2519	002 09:39:57	31				B- PLATPOB			21845:49:001F	02-001/22:00:35	1TB







FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2562	002 22:45:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8910					1DP
2563	002 23:44:55	31	10 SET			10 DEGREE SET DSC-10					1V
2564	003 00:00:00	31				VGR-31 OWLT IS 11H 39M 22S					1L
2565	003 04:35:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8910 (D/L ONLY)					1DP
2566	003 04:42:27	31	60RISE			10 DEGREE RISE DSC-60					1V
2567	003 04:51:46	31	40 SET			10 DEGREE SET DSC-40					1V
2568	003 09:39:59	31				B- UVSLEW			21875:49:001F	02-002/22:00:35	1TB
2569	003 09:39:59	31				SLEW TO HELIO-14C			21875:49:001F	02-002/22:00:35	1T
2570	003 09:39:59	31				B- PLATPOA			21875:49:001F	02-002/22:00:35	1TB
2571	003 09:39:59	31			AC7SPK	(1 12 2 090 170) EL SLEW R=LOW	AACS		21875:49:003F	02-002/22:00:36	1ECa
2572	003 09:41:55	31				B- SLEND			21875:51:334F	02-002/22:02:31	1TB
2573	003 09:41:55	31			SLEWEND	AZ=223.968 EL=145.017 CO=139.707			21875:51:334F	02-002/22:02:31	1T
2574	003 10:00:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8910					1DP
2575	003 12:00:00	31				VGR-31 OWLT IS 11H 39M 23S					1L
2576	003 12:14:58	31	10RISE			10 DEGREE RISE DSC-10					1V
2577	003 13:25:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8911 (D/L ONLY)					1DP
2578	003 15:01:35	31			AC7SSB	(3 +003) SS BIAS CONTROL - PITCH	AACS		21882:31:003F	02-003/03:22:12	1ECa
2579	003 16:14:46	31	60 SET			10 DEGREE SET DSC-60					1V
2580	003 16:35:11	31				B- RFSTLC			21884:28:001F	02-003/04:55:47	1TB
2581	003 17:05:50	31	25	OPCH 25		== START TLC TEST DOWN-LINK ==					1TD
2582	003 18:06:50	31	25	OPCH 25		== END TLC TEST DOWN-LINK ==					1TD



FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2583	003 18:15:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8911					1DP
2584	003 19:39:04	31	40RISE			10 DEGREE RISE DSC-40					1V
2585	003 21:39:59	31				B- UVSLEW			21890:49:001F	02-003/10:00:35	1TB
2586	003 21:39:59	31				SLEW TO HELIO-15C			21890:49:001F	02-003/10:00:35	1T
2587	003 21:39:59	31				B- PLATPOA			21890:49:001F	02-003/10:00:35	1TB
2588	003 21:39:59	31			AC7SPK	(1 12 1 097 130) EL SLEW R=LOW	AACS		21890:49:003F	02-003/10:00:36	1ECa
2589	003 21:42:08	31				B- SLEND			21890:51:551F	02-003/10:02:44	1TB
2590	003 21:42:08	31			SLEWEND	AZ=223.968 EL=134.909 CO=129.634			21890:51:551F	02-003/10:02:44	1T
2591	003 23:41:02	31	10 SET			10 DEGREE SET DSC-10					1V
2592	004 00:00:00	31				VGR-31 OWLT IS 11H 39M 23S					1L
2593	004 04:30:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8911 (D/L ONLY)					1DP
2594	004 04:38:33	31	60RISE			10 DEGREE RISE DSC-60					1V
2595	004 04:47:53	31	40 SET			10 DEGREE SET DSC-40					1V
2596	004 09:40:00	31				B- UVSLEW			21905:49:001F	02-003/22:00:35	1TB
2597	004 09:40:00	31				SLEW TO HELIO-16C			21905:49:001F	02-003/22:00:35	1T
2598	004 09:40:00	31				B- PLATPOA			21905:49:001F	02-003/22:00:35	1TB
2599	004 09:40:00	31			AC7SPK	(1 12 2 111 206) EL SLEW R=LOW	AACS		21905:49:003F	02-003/22:00:36	1ECa
2600	004 09:44:19	31				B- SLEND			21905:54:318F	02-003/22:04:54	1TB
2601	004 09:44:19	31			SLEWEND	AZ=223.968 EL=114.058 CO=108.846			21905:54:318F	02-003/22:04:54	1T
2602	004 10:30:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8911					1DP
2603	004 12:00:00	31				VGR-31 OWLT IS 11H 39M 24S					1L
2604	004 12:11:04	31	10RISE			10 DEGREE RISE DSC-10					1V
2605	004 13:20:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8912 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2606	004 15:45:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8912					1DP
2607	004 16:10:54	31	60 SET			10 DEGREE SET DSC-60					1V
2608	004 19:35:11	31	40RISE			10 DEGREE RISE DSC-40					1V
2609	004 21:40:00	31				B- UVSLEW			21920:49:001F	02-004/10:00:35	1TB
2610	004 21:40:00	31				SLEW TO HELIO-17C			21920:49:001F	02-004/10:00:35	1T
2611	004 21:40:00	31				B- PLATPOA			21920:49:001F	02-004/10:00:35	1TB
2612	004 21:40:00	31			AC7SPK	(1 12 1 127 093) EL SLEW R=LOW	AACS		21920:49:003F	02-004/10:00:36	1ECa
2613	004 21:44:45	31				B- SLEND			21920:54:751F	02-004/10:05:20	1TB
2614	004 21:44:45	31			SLEWEND	AZ=223.968 EL=91.051 CO=85.911			21920:54:751F	02-004/10:05:20	1T
2615	004 22:15:12	31			AC7SSB	(4 +165) SS BIAS CONTROL --- YAW	AACS		21921:33:003F	02-004/10:35:48	1ECa
2616	004 23:37:09	31	10 SET			10 DEGREE SET DSC-10					1V
2617	005 00:00:00	31				VGR-31 OWLT IS 11H 39M 25S					1L
2618	005 02:31:13	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		21926:53:002F	02-004/14:51:48	1ECd
2619	005 02:31:13	31					DTR		21926:53:002F	02-004/14:51:48	1ESd
						DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3540					
2620	005 04:07:37	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		21928:53:399F	02-004/16:28:11	1ECd
2621	005 04:07:37	31					DTR		21928:53:399F	02-004/16:28:11	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1457					
2622	005 04:25:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8912 (D/L ONLY)					1DP
2623	005 04:34:40	31	60RISE			10 DEGREE RISE DSC-60					1V
2624	005 04:43:59	31	40 SET			10 DEGREE SET DSC-40					1V



FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT 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	005 05:33:33	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:1457	DTR		21930:40:735F	02-004/17:54:08	1ESd
2640	005 05:33:37	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	21930:41:001F	02-004/17:54:11	1ESf
2641	005 05:33:37	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		21930:41:002F	02-004/17:54:11	1ECs
2642	005 05:33:38	31				B- DRCRUS			21930:41:018F	02-004/17:54:12	1TB
2643	005 05:33:38	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		21930:41:026F	02-004/17:54:13	1ECf
2644	005 05:34:25	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	21930:42:001F	02-004/17:54:59	1ESf
2645	005 05:34:25	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		21930:42:002F	02-004/17:54:59	1ECs
2646	005 05:34:25	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		21930:42:002F	02-004/17:55:00	1ECd
2647	005 05:34:25	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1165	DTR		21930:42:002F	02-004/17:55:00	1ESd

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2648	005 05:35:13	31			SC32AJ	(11) PLS CONFIG CMD	FDS		21930:43:009F	02-004/17:55:48	1ECf
2649	005 05:35:14	31				END PWSREC.31			21930:43:018F	02-004/17:55:48	1T
2650	005 07:40:49	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		21933:20:002F	02-004/20:01:24	1ECd
2651	005 07:40:49	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1158	DTR		21933:20:002F	02-004/20:01:24	1ESd
2652	005 09:31:04	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		21935:37:647F	02-004/21:51:38	1ECd
2653	005 09:31:04	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3540	DTR		21935:37:647F	02-004/21:51:38	1ESd
2654	005 09:40:01	31				B- UVSLEW			21935:49:001F	02-004/22:00:35	1TB
2655	005 09:40:01	31				SLEW TO HELIO-18C			21935:49:001F	02-004/22:00:35	1T
2656	005 09:40:01	31				B- PLATPOA			21935:49:001F	02-004/22:00:35	1TB
2657	005 09:40:01	31			AC7SPK	(1 12 2 141 138) EL SLEW R=LOW	AACS		21935:49:003F	02-004/22:00:36	1ECa
2658	005 09:44:10	31				B- SLEND			21935:54:151F	02-004/22:04:44	1TB
2659	005 09:44:10	31			SLEWEND	AZ=223.968 EL=71.042 CO=65.960			21935:54:151F	02-004/22:04:44	1T
2660	005 10:40:49	31			CC16C	(7022) DTR STATE SELECT: READY	DTR		21937:05:002F	02-004/23:01:24	1ECd
2661	005 10:40:49	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:3540	DTR		21937:05:002F	02-004/23:01:24	1ESd
2662	005 12:00:00	31				VGR-31 OWLT IS 11H 39M 25S					1L
2663	005 12:07:11	31	10RISE			10 DEGREE RISE DSC-10					1V
2664	005 12:15:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8913 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2665	005 12:30:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8912					1DP
2666	005 16:07:01	31	60 SET			10 DEGREE SET DSC-60					1V
2667	005 19:31:18	31	40RISE			10 DEGREE RISE DSC-40					1V
2668	005 20:05:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8913					1DP
2669	005 21:40:01	31				B- UVSLEW			21950:49:001F	02-005/10:00:35	1TB
2670	005 21:40:01	31				SLEW TO HELIO-19C			21950:49:001F	02-005/10:00:35	1T
2671	005 21:40:01	31				B- PLATPOA			21950:49:001F	02-005/10:00:35	1TB
2672	005 21:40:01	31			AC7SPK	(1 12 2 157 158) EL SLEW R=LOW	AACS		21950:49:003F	02-005/10:00:36	1ECa
2673	005 21:44:46	31				B- SLEND			21950:54:751F	02-005/10:05:20	1TB
2674	005 21:44:46	31			SLEWEND	AZ=223.968 EL=48.031 CO=43.057			21950:54:751F	02-005/10:05:20	1T
2675	005 23:33:17	31	10 SET			10 DEGREE SET DSC-10					1V
2676	006 00:00:00	31				VGR-31 OWLT IS 11H 39M 26S					1L
2677	006 04:30:46	31	60RISE			10 DEGREE RISE DSC-60					1V
2678	006 04:40:06	31	40 SET			10 DEGREE SET DSC-40					1V
2679	006 04:50:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8913 (D/L ONLY)					1DP
2680	006 09:40:02	31				B- UVSLEW			21965:49:001F	02-005/22:00:35	1TB
2681	006 09:40:02	31				SLEW TO HELIO-20C			21965:49:001F	02-005/22:00:35	1T
2682	006 09:40:02	31				B- PLATPOA			21965:49:001F	02-005/22:00:35	1TB
2683	006 09:40:02	31			AC7SPK	(1 12 2 173 176) EL SLEW R=LOW	AACS		21965:49:003F	02-005/22:00:36	1ECa
2684	006 09:44:47	31				B- SLEND			21965:54:751F	02-005/22:05:20	1TB
2685	006 09:44:47	31			SLEWEND	AZ=223.968 EL=25.026 CO=20.346			21965:54:751F	02-005/22:05:20	1T
2686	006 10:25:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8913					1DP
2687	006 12:00:00	31				VGR-31 OWLT IS 11H 39M 26S					1L







FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2726	008 23:08:04	31				BEGIN PWSREC.31			22042:39:001F	02-008/11:28:35	1T
2727	008 23:08:04	31			SC32AJ	(10) PLS CONFIG CMD	FDS		22042:39:009F	02-008/11:28:36	1ECf
2728	008 23:08:52	31				B- DRGS4B			22042:40:001F	02-008/11:29:23	1TB
2729	008 23:08:52	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		22042:40:009F	02-008/11:29:24	1ECf
2730	008 23:09:36	31				BEGIN RECORDING PWS DATA			22042:40:734F	02-008/11:30:07	1T
2731	008 23:09:36	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		22042:40:735F	02-008/11:30:08	1ECd
2732	008 23:09:36	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:2 TIC:3540	DTR		22042:40:735F	02-008/11:30:08	1ESd
2733	008 23:09:40	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	22042:41:001F	02-008/11:30:11	1ESf
2734	008 23:09:40	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		22042:41:002F	02-008/11:30:11	1ECs
2735	008 23:09:41	31				B- DRCRUS			22042:41:018F	02-008/11:30:12	1TB
2736	008 23:09:41	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		22042:41:026F	02-008/11:30:13	1ECf

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2737	008 23:10:28	31		ACE OPCH			FDS	CR-5T	22042:42:001F	02-008/11:30:59	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
2738	008 23:10:28	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		22042:42:002F	02-008/11:30:59	1ECs
2739	008 23:10:28	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		22042:42:002F	02-008/11:31:00	1ECd
2740	008 23:10:28	31					DTR		22042:42:002F	02-008/11:31:00	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:3247					
2741	008 23:11:16	31			SC32AJ	(11) PLS CONFIG CMD	FDS		22042:43:009F	02-008/11:31:48	1ECf
2742	008 23:11:17	31				END PWSREC.31			22042:43:018F	02-008/11:31:48	1T
2743	008 23:21:38	31	10 SET			10 DEGREE SET DSC-10					1V
2744	009 00:00:00	31				VGR-31 OWLT IS 11H 39M 28S					1L
2745	009 04:19:05	31	60RISE			10 DEGREE RISE DSC-60					1V
2746	009 04:28:25	31	40 SET			10 DEGREE SET DSC-40					1V
2747	009 05:30:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8916 (D/L ONLY)					1DP
2748	009 09:55:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8916					1DP
2749	009 11:51:36	31	10RISE			10 DEGREE RISE DSC-10					1V
2750	009 12:00:00	31				VGR-31 OWLT IS 11H 39M 28S					1L
2751	009 14:35:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8917 (U/L PASS)					1DP
2752	009 15:51:30	31	60 SET			10 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2753	009 18:35:00	31	14	OPCH 14		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
2754	009 18:35:00	31	14	OPCH 14		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
2755	009 18:36:00	31	14	OPCH 14		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
2756	009 18:37:00	31	14	OPCH 14		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
2757	009 19:02:00	31	14	OPCH 14		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
2758	009 19:15:48	31	40RISE			10 DEGREE RISE DSC-40					1V
2759	009 19:55:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8917					1DP
2760	009 23:17:46	31	10 SET			10 DEGREE SET DSC-10					1V
2761	010 00:00:00	31				VGR-31 OWLT IS 11H 39M 29S					1L
2762	010 04:15:11	31	60RISE			10 DEGREE RISE DSC-60					1V
2763	010 04:24:31	31	40 SET			10 DEGREE SET DSC-40					1V
2764	010 05:25:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8917 (D/L ONLY)					1DP
2765	010 09:45:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8917					1DP
2766	010 11:47:43	31	10RISE			10 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2767	010 12:00:00	31				VGR-31 OWLT IS 11H 39M 29S					1L
2768	010 12:45:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8918 (D/L ONLY)					1DP
2769	010 15:47:38	31	60 SET			10 DEGREE SET DSC-60					1V
2770	010 17:49:41	31				B- RFSTLC			22096:01:001F	02-010/06:10:11	1TB
2771	010 18:21:03	31	25	OPCH 25		== START TLC TEST DOWN-LINK ==					1TD
2772	010 19:11:55	31	40RISE			10 DEGREE RISE DSC-40					1V
2773	010 19:22:03	31	25	OPCH 25		== END TLC TEST DOWN-LINK ==					1TD
2774	010 19:30:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8918					1DP
2775	010 23:13:53	31	10 SET			10 DEGREE SET DSC-10					1V
2776	011 00:00:00	31				VGR-31 OWLT IS 11H 39M 29S					1L
2777	011 04:11:17	31	60RISE			10 DEGREE RISE DSC-60					1V
2778	011 04:20:37	31	40 SET			10 DEGREE SET DSC-40					1V
2779	011 11:43:49	31	10RISE			10 DEGREE RISE DSC-10					1V
2780	011 12:00:00	31				VGR-31 OWLT IS 11H 39M 30S					1L
2781	011 12:40:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8919 (D/L ONLY)					1DP
2782	011 15:43:45	31	60 SET			10 DEGREE SET DSC-60					1V
2783	011 17:35:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8919					1DP
2784	011 19:08:02	31	40RISE			10 DEGREE RISE DSC-40					1V
2785	011 23:10:00	31	10 SET			10 DEGREE SET DSC-10					1V
2786	012 00:00:00	31				VGR-31 OWLT IS 11H 39M 30S					1L
2787	012 02:07:18	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		22136:23:002F	02-011/14:27:48	1ECd



FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2801	012 05:08:06	31				B- PWSREC.31			22140:09:001F	02-011/17:28:35	1TB
2802	012 05:08:06	31				BEGIN PWSREC.31			22140:09:001F	02-011/17:28:35	1T
2803	012 05:08:06	31			SC32AJ	(10) PLS CONFIG CMD	FDS		22140:09:009F	02-011/17:28:36	1ECf
2804	012 05:08:54	31				B- DRGS4B			22140:10:001F	02-011/17:29:23	1TB
2805	012 05:08:54	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		22140:10:009F	02-011/17:29:24	1ECf
2806	012 05:09:38	31				BEGIN RECORDING PWS DATA			22140:10:734F	02-011/17:30:07	1T
2807	012 05:09:38	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		22140:10:735F	02-011/17:30:08	1ECd
2808	012 05:09:38	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:1158	DTR		22140:10:735F	02-011/17:30:08	1ESd
2809	012 05:09:42	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	22140:11:001F	02-011/17:30:11	1ESf
2810	012 05:09:42	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		22140:11:002F	02-011/17:30:11	1ECs
2811	012 05:09:43	31				B- DRCRUS			22140:11:018F	02-011/17:30:12	1TB
2812	012 05:09:43	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		22140:11:026F	02-011/17:30:13	1ECf

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2813	012 05:10:30	31		ACE OPCH			FDS	CR-5T	22140:12:001F	02-011/17:30:59	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
2814	012 05:10:30	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		22140:12:002F	02-011/17:30:59	1ECs
2815	012 05:10:30	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		22140:12:002F	02-011/17:31:00	1ECd
2816	012 05:10:30	31					DTR		22140:12:002F	02-011/17:31:00	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0866					
2817	012 05:11:18	31			SC32AJ	(11) PLS CONFIG CMD	FDS		22140:13:009F	02-011/17:31:48	1ECf
2818	012 05:11:19	31				END PWSREC.31			22140:13:018F	02-011/17:31:48	1T
2819	012 05:15:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8919 (D/L ONLY)					1DP
2820	012 07:16:54	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		22142:50:002F	02-011/19:37:24	1ECd
2821	012 07:16:54	31					DTR		22142:50:002F	02-011/19:37:24	1ESd
						DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0859					
2822	012 09:07:09	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		22145:07:647F	02-011/21:27:38	1ECd
2823	012 09:07:09	31					DTR		22145:07:647F	02-011/21:27:38	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3241					
2824	012 10:15:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8919					1DP
2825	012 10:16:54	31			CC16C	(7022) DTR STATE SELECT: READY	DTR		22146:35:002F	02-011/22:37:24	1ECd

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2826	012 10:16:54	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:3241	DTR		22146:35:002F	02-011/22:37:24	1ESd
2827	012 11:39:55	31	10RISE			10 DEGREE RISE DSC-10					1V
2828	012 12:00:00	31				VGR-31 OWLT IS 11H 39M 30S					1L
2829	012 12:55:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8920 (D/L ONLY)					1DP
2830	012 13:51:18	31			AC7SSB	(4 +166) SS BIAS CONTROL --- YAW	AACS		22151:03:002F	02-012/02:11:48	1ECa
2831	012 15:39:52	31	60 SET			10 DEGREE SET DSC-60					1V
2832	012 19:04:10	31	40RISE			10 DEGREE RISE DSC-40					1V
2833	012 22:05:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8920					1DP
2834	012 23:06:07	31	10 SET			10 DEGREE SET DSC-10					1V
2835	013 00:00:00	31				VGR-31 OWLT IS 11H 39M 30S					1L
2836	013 04:03:29	31	60RISE			10 DEGREE RISE DSC-60					1V
2837	013 04:12:49	31	40 SET			10 DEGREE SET DSC-40					1V
2838	013 06:05:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8920 (D/L ONLY)					1DP
2839	013 10:05:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8920					1DP
2840	013 11:36:01	31	10RISE			10 DEGREE RISE DSC-10					1V
2841	013 12:00:00	31				VGR-31 OWLT IS 11H 39M 30S					1L
2842	013 15:36:00	31	60 SET			10 DEGREE SET DSC-60					1V
2843	013 17:35:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8921 (D/L ONLY)					1DP
2844	013 19:00:17	31	40RISE			10 DEGREE RISE DSC-40					1V
2845	013 22:15:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8921					1DP
2846	013 23:02:14	31	10 SET			10 DEGREE SET DSC-10					1V



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2847	014 00:00:00	31				VGR-31 OWLT IS 11H 39M 30S					1L
2848	014 03:59:35	31	60RISE			10 DEGREE RISE DSC-60					1V
2849	014 04:08:55	31	40 SET			10 DEGREE SET DSC-40					1V
2850	014 05:10:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8921 (D/L ONLY)					1DP
2851	014 09:35:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8921					1DP
2852	014 11:32:07	31	10RISE			10 DEGREE RISE DSC-10					1V
2853	014 12:00:00	31				VGR-31 OWLT IS 11H 39M 30S					1L
2854	014 12:45:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8922 (D/L ONLY)					1DP
2855	014 15:32:07	31	60 SET			10 DEGREE SET DSC-60					1V
2856	014 18:56:24	31	40RISE			10 DEGREE RISE DSC-40					1V
2857	014 20:00:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8922					1DP
2858	014 20:48:53	31				FINAL SPACECRAFT STATUS			22219:44:785F	02-014/09:09:23	1TI
2859	014 20:48:53	31				RADIO STATUS			22219:44:785F	02-014/09:09:23	1TI
2860	014 20:48:53	31			DC2AR	S-BAND RANGING OFF			22219:44:785F	02-014/09:09:23	1TI
2861	014 20:48:53	31			DC2DR	S-BAND LO PWR			22219:44:785F	02-014/09:09:23	1TI
2862	014 20:48:53	31			DC2HR	X-BAND LO PWR			22219:44:785F	02-014/09:09:23	1TI
2863	014 20:48:53	31			DC2N	X-BAND RANGING ON			22219:44:785F	02-014/09:09:23	1TI
2864	014 20:48:53	31			DC2P	2 WAY NON-COHERENT ON			22219:44:785F	02-014/09:09:23	1TI
2865	014 20:48:53	31			DC2QR	USO OFF			22219:44:785F	02-014/09:09:23	1TI
2866	014 20:48:53	31			CC2BRP	S-BAND EXC-2 SEL			22219:44:785F	02-014/09:09:23	1TI
2867	014 20:48:53	31			CC2CRP	S-BAND TRANS-2 SEL			22219:44:785F	02-014/09:09:23	1TI
2868	014 20:48:53	31			CC2FP	RCVR-1 SEL			22219:44:785F	02-014/09:09:23	1TI
2869	014 20:48:53	31			CC2JP	X-BAND EXC-1 SEL			22219:44:785F	02-014/09:09:23	1TI

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2870	014 20:48:53	31			CC2GP	X-BAND ON			22219:44:785F	02-014/09:09:23	1TI
2871	014 20:48:53	31			CC2KRP	S-BAND OFF			22219:44:785F	02-014/09:09:23	1TI
2872	014 20:48:53	31			CC2LP	X-BAND TWTA-1 SEL			22219:44:785F	02-014/09:09:23	1TI
2873	014 20:48:53	31			CC2MP	S-BAND EXC ON			22219:44:785F	02-014/09:09:23	1TI
2874	014 20:48:53	31			DC2E	HGA SELECT			22219:44:785F	02-014/09:09:23	1TI
2875	014 20:48:53	31			CC1T	BAY 1 HTR ON			22219:44:785F	02-014/09:09:23	1TI
2876	014 20:48:53	31				MDS STATUS			22219:44:785F	02-014/09:09:23	1TI
2877	014 20:48:53	31			CC3BP	TMU ON			22219:44:785F	02-014/09:09:23	1TI
2878	014 20:48:53	31			CC3GP	TMU-A SEL			22219:44:785F	02-014/09:09:23	1TI
2879	014 20:48:53	31			CC3HP	CDU-A SEL			22219:44:785F	02-014/09:09:23	1TI
2880	014 20:48:53	31			CC3A	32310 X-BAND			22219:44:785F	02-014/09:09:23	1TI
2881	014 20:48:53	31			CC3A	28301 S-BAND			22219:44:785F	02-014/09:09:23	1TI
2882	014 20:48:53	31				POWER STATUS			22219:44:785F	02-014/09:09:23	1TI
2883	014 20:48:53	31			CC4A	UNDERVOLTAGE TRIP RESET			22219:44:785F	02-014/09:09:23	1TI
2884	014 20:48:53	31			CC4K	RTG-1 DIODE BYPASS ON			22219:44:785F	02-014/09:09:23	1TI
2885	014 20:48:53	31			CC4L	RTG-2 DIODE BYPASS ON			22219:44:785F	02-014/09:09:23	1TI
2886	014 20:48:53	31			CC4M	RTG-3 DIODE BYPASS ON			22219:44:785F	02-014/09:09:23	1TI
2887	014 20:48:53	31				CCS STATUS			22219:44:785F	02-014/09:09:23	1TI
2888	014 20:48:53	31			DC5AR	CCS TOL DET ENABLE			22219:44:785F	02-014/09:09:23	1TI
2889	014 20:48:53	31				FDS STATUS			22219:44:785F	02-014/09:09:23	1TI
2890	014 20:48:53	31			CC6CP	FDS ON/ISS PWR ENABLE			22219:44:785F	02-014/09:09:23	1TI
2891	014 20:48:53	31			CC6AA	1 SVC-W1			22219:44:785F	02-014/09:09:23	1TI
2892	014 20:48:53	31			CC6AD	3200 SVC-W4			22219:44:785F	02-014/09:09:23	1TI

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2893	014 20:48:53	31			CC6AE	30011 SVC-W5			22219:44:785F	02-014/09:09:23	1TI
2894	014 20:48:53	31			CC6AP	FDS PWR CONV A SEL			22219:44:785F	02-014/09:09:23	1TI
2895	014 20:48:53	31			CC6AB	01010 SVC-W2			22219:44:785F	02-014/09:09:23	1TI
2896	014 20:48:53	31			SC06BB	530070 FDS DATA MODE			22219:44:785F	02-014/09:09:23	1TI
2897	014 20:48:53	31				AACS STATUS			22219:44:785F	02-014/09:09:23	1TI
2898	014 20:48:53	31			AC7PCG	14 HYBIC 2 PWR ON			22219:44:785F	02-014/09:09:23	1TI
2899	014 20:48:53	31			CC7ML	05 CST ON			22219:44:785F	02-014/09:09:23	1TI
2900	014 20:48:53	31			AC7CTG	10 394 CST HI GATE			22219:44:785F	02-014/09:09:23	1TI
2901	014 20:48:53	31			AC7CTG	11 442 CST LO GATE			22219:44:785F	02-014/09:09:23	1TI
2902	014 20:48:53	31			AC7GYP	111 GYRO PATTERN			22219:44:785F	02-014/09:09:23	1TI
2903	014 20:48:53	31			AC7PCG	52 GYRO A OFF			22219:44:785F	02-014/09:09:23	1TI
2904	014 20:48:53	31			AC7PCG	62 GYRO B OFF			22219:44:785F	02-014/09:09:23	1TI
2905	014 20:48:53	31			AC7PCG	72 GYRO C OFF			22219:44:785F	02-014/09:09:23	1TI
2906	014 20:48:53	31			AC7PAR	7530 000000 GYRO OFF NORM			22219:44:785F	02-014/09:09:23	1TI
2907	014 20:48:53	31			AC7PAR	6740 000740 PITCH DEADBAND			22219:44:785F	02-014/09:09:23	1TI
2908	014 20:48:53	31			AC7PAR	6741 001700 YAW DEADBAND			22219:44:785F	02-014/09:09:23	1TI
2909	014 20:48:53	31			AC7PAR	6742 004540 ROLL DEADBAND			22219:44:785F	02-014/09:09:23	1TI
2910	014 20:48:53	31			DEADBAND	DEAD BAND STATE: 05 10 25			22219:44:785F	02-014/09:09:23	1TI
2911	014 20:48:53	31			CC7SS	1 AACS TO RAI			22219:44:785F	02-014/09:09:23	1TI
2912	014 20:48:53	31			CC7CT	01 CST CONE ANGLE 1			22219:44:785F	02-014/09:09:23	1TI
2913	014 20:48:53	31			AC7DDB	000480 DEAD BAND CONTROL			22219:44:785F	02-014/09:09:23	1TI
2914	014 20:48:53	31			CC7AHRP	SS HTR A OFF			22219:44:785F	02-014/09:09:23	1TI
2915	014 20:48:53	31			CC7BHP	SS HTR B ON			22219:44:785F	02-014/09:09:23	1TI

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2916	014 20:48:53	31			CC7ML	01 FDS CHAN A			22219:44:785F	02-014/09:09:23	1TI
2917	014 20:48:53	31			CC7ML	09 TCAPU FAULT ENA			22219:44:785F	02-014/09:09:23	1TI
2918	014 20:48:53	31			AC7PCG	61 AACS BAY 6 HTR A OFF			22219:44:785F	02-014/09:09:23	1TI
2919	014 20:48:53	31			AC7PCG	71 AACS BAY 6 HTR B OFF			22219:44:785F	02-014/09:09:23	1TI
2920	014 20:48:53	31			CC7MMRP	PROC/MEM 2 SELECT			22219:44:785F	02-014/09:09:23	1TI
2921	014 20:48:53	31			CC7SHP	AZ SCAN ACTUATOR HTR ON			22219:44:785F	02-014/09:09:23	1TI
2922	014 20:48:53	31			AC7PCG	22 CST SUN SHUTTER OFF			22219:44:785F	02-014/09:09:23	1TI
2923	014 20:48:53	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			22219:44:785F	02-014/09:09:23	1TI
2924	014 20:48:53	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			22219:44:785F	02-014/09:09:23	1TI
2925	014 20:48:53	31			CC1PHRP	SCAN PLAT SUPL HTR OFF			22219:44:785F	02-014/09:09:23	1TI
2926	014 20:48:53	31			CC77MRP	MAM OFF			22219:44:785F	02-014/09:09:23	1TI
2927	014 20:48:53	31			DC77PR	NON-PRIME FCP/MEM OFF			22219:44:785F	02-014/09:09:23	1TI
2928	014 20:48:53	31			DC77XR	MAM COMMAND DISABLE			22219:44:785F	02-014/09:09:23	1TI
2929	014 20:48:53	31				PYRO STATUS			22219:44:785F	02-014/09:09:23	1TI
2930	014 20:48:53	31			CC8D	PSU INSTRUMENTATION ON			22219:44:785F	02-014/09:09:23	1TI
2931	014 20:48:53	31			DC8XR	PYRO DISABLE			22219:44:785F	02-014/09:09:23	1TI
2932	014 20:48:53	31				PROPULSION STATUS			22219:44:785F	02-014/09:09:23	1TI
2933	014 20:48:53	31			CC10CRP	TCM HTR OFF			22219:44:785F	02-014/09:09:23	1TI
2934	014 20:48:53	31			CC10DR	AP BR1 HTR OFF			22219:44:785F	02-014/09:09:23	1TI
2935	014 20:48:53	31			CC10ER	AP BR2 HTR OFF			22219:44:785F	02-014/09:09:23	1TI
2936	014 20:48:53	31			CC10TRP	TCM LINE HTRS OFF			22219:44:785F	02-014/09:09:23	1TI
2937	014 20:48:53	31				DSS STATUS			22219:44:785F	02-014/09:09:23	1TI
2938	014 20:48:53	31			CC16BR	DSS 10 W REPL HTR OFF			22219:44:785F	02-014/09:09:23	1TI

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2939	014 20:48:53	31			CC16AP	DSS ON			22219:44:785F	02-014/09:09:23	1TI
2940	014 20:48:53	31			CC1DR	BAY 2 19 W HTR OFF			22219:44:785F	02-014/09:09:23	1TI
2941	014 20:48:53	31			CC16C	7222 DSS CONTROL			22219:44:785F	02-014/09:09:23	1TI
2942	014 20:48:53	31				SCIENCE PWR STATUS			22219:44:785F	02-014/09:09:23	1TI
2943	014 20:48:53	31			CC1CR	MAG COIL OFF			22219:44:785F	02-014/09:09:23	1TI
2944	014 20:48:53	31			CC21A	CRS ON			22219:44:785F	02-014/09:09:23	1TI
2945	014 20:48:53	31			CC21B	CRS REPL HTR ON			22219:44:785F	02-014/09:09:23	1TI
2946	014 20:48:53	31			CC21CR	CRS SUPP HTR OFF			22219:44:785F	02-014/09:09:23	1TI
2947	014 20:48:53	31			CC22A	PRA ON			22219:44:785F	02-014/09:09:23	1TI
2948	014 20:48:53	31			CC23A	PWS ON			22219:44:785F	02-014/09:09:23	1TI
2949	014 20:48:53	31			CC25A	LECP ON			22219:44:785F	02-014/09:09:23	1TI
2950	014 20:48:53	31			CC25B	LECP STEPPER MOTOR ON			22219:44:785F	02-014/09:09:23	1TI
2951	014 20:48:53	31			CC25CR	LECP REPL HTR OFF			22219:44:785F	02-014/09:09:23	1TI
2952	014 20:48:53	31			CC25D	LECP MAIN SUPP HTR ON			22219:44:785F	02-014/09:09:23	1TI
2953	014 20:48:53	31			CC25E	LECP LEPT SUPP HTR ON			22219:44:785F	02-014/09:09:23	1TI
2954	014 20:48:53	31			CC27BR	PPS SUPP HTR OFF			22219:44:785F	02-014/09:09:23	1TI
2955	014 20:48:53	31			CC32A	PLS ON			22219:44:785F	02-014/09:09:23	1TI
2956	014 20:48:53	31			CC32BR	PLS SUPP HTR OFF			22219:44:785F	02-014/09:09:23	1TI
2957	014 20:48:53	31			CC32C	PLS REPL HTR ON			22219:44:785F	02-014/09:09:23	1TI
2958	014 20:48:53	31			CC34A	UVS ON			22219:44:785F	02-014/09:09:23	1TI
2959	014 20:48:53	31			CC34B	UVS REPL HTR ON			22219:44:785F	02-014/09:09:23	1TI
2960	014 20:48:53	31			CC35AR	MAG OFF			22219:44:785F	02-014/09:09:23	1TI
2961	014 20:48:53	31			CC35B	MAG STANDBY ON			22219:44:785F	02-014/09:09:23	1TI

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2962	014 20:48:53	31			CC35GR	MAG SENSOR HTR OFF			22219:44:785F	02-014/09:09:23	1TI
2963	014 20:48:53	31			CC36GR	ISS WA VID REPL HTR OFF			22219:44:785F	02-014/09:09:23	1TI
2964	014 20:48:53	31			CC36H	ISS WA ELEC REPL HTR ON			22219:44:785F	02-014/09:09:23	1TI
2965	014 20:48:53	31			CC36CRP	ISS NA OPTICS HTR OFF			22219:44:785F	02-014/09:09:23	1TI
2966	014 20:48:53	31			CC36FRP	ISS NA VID REPL HTR OFF			22219:44:785F	02-014/09:09:23	1TI
2967	014 20:48:53	31			CC36JP	ISS NA ELEC REPL HTR ON			22219:44:785F	02-014/09:09:23	1TI
2968	014 20:48:53	31			CC39D	IRIS REPL HTR ON			22219:44:785F	02-014/09:09:23	1TI
2969	014 20:48:53	31			CC39FR	IRIS STANDBY A SUPPLY OFF			22219:44:785F	02-014/09:09:23	1TI
2970	014 20:48:53	31			CC39BR	IRIS STANDBY B SUPPLY OFF			22219:44:785F	02-014/09:09:23	1TI
2971	014 20:48:53	31				SCIENCE INSTRUMENT STATUS			22219:44:785F	02-014/09:09:23	1TI
2972	014 20:48:53	31			SC21AF	01000 CRS CMD WORD			22219:44:785F	02-014/09:09:23	1TI
2973	014 20:48:53	31			SC21AF	02000 CRS CMD WORD			22219:44:785F	02-014/09:09:23	1TI
2974	014 20:48:53	31			SC21AF	03000 CRS CMD WORD			22219:44:785F	02-014/09:09:23	1TI
2975	014 20:48:53	31			SC21AF	04000 CRS CMD WORD			22219:44:785F	02-014/09:09:23	1TI
2976	014 20:48:53	31			SC21AF	05200 CRS CMD WORD			22219:44:785F	02-014/09:09:23	1TI
2977	014 20:48:53	31			SC21AF	06000 CRS CMD WORD			22219:44:785F	02-014/09:09:23	1TI
2978	014 20:48:53	31			SC21AF	07200 CRS CMD WORD			22219:44:785F	02-014/09:09:23	1TI
2979	014 20:48:53	31			SC21AF	08200 CRS CMD WORD			22219:44:785F	02-014/09:09:23	1TI
2980	014 20:48:53	31			SC21AF	10000 CRS CMD WORD			22219:44:785F	02-014/09:09:23	1TI
2981	014 20:48:53	31			SC21AF	11000 CRS CMD WORD			22219:44:785F	02-014/09:09:23	1TI
2982	014 20:48:53	31			SC21AF	12000 CRS CMD WORD			22219:44:785F	02-014/09:09:23	1TI
2983	014 20:48:53	31			SC21AF	13012 CRS CMD WORD			22219:44:785F	02-014/09:09:23	1TI
2984	014 20:48:53	31			SC21AG	CRS HV FLAG			22219:44:785F	02-014/09:09:23	1TI

FINAL SEQUENCE FOR JST A041 (TOL/A041F - EVTSDR/A041BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2985	014 20:48:53	31			SC21AH	CRS CAL-ST FLAG			22219:44:785F	02-014/09:09:23	1TI
2986	014 20:48:53	31			SC22AF	1347 PRA CONFIGURATION CMD			22219:44:785F	02-014/09:09:23	1TI
2987	014 20:48:53	31			SC22NU	0000 PRA MODE SELECT			22219:44:785F	02-014/09:09:23	1TI
2988	014 20:48:53	31			SC23AD	5 PWS CMD WORD			22219:44:785F	02-014/09:09:23	1TI
2989	014 20:48:53	31			SC25AH	1777 LECP CMD WORD			22219:44:785F	02-014/09:09:23	1TI
2990	014 20:48:53	31			SC25AH	2417 LECP CMD WORD			22219:44:785F	02-014/09:09:23	1TI
2991	014 20:48:53	31			SC25AH	5600 LECP CMD WORD			22219:44:785F	02-014/09:09:23	1TI
2992	014 20:48:53	31			SC25AH	6032 LECP CMD WORD			22219:44:785F	02-014/09:09:23	1TI
2993	014 20:48:53	31			SC25AJ	1 LECP MOTOR STEP CMD			22219:44:785F	02-014/09:09:23	1TI
2994	014 20:48:53	31			SC25AN	0 LECP NEAR/FAR ENC			22219:44:785F	02-014/09:09:23	1TI
2995	014 20:48:53	31			SC25AQ	5200 LECP SAFE CMD			22219:44:785F	02-014/09:09:23	1TI
2996	014 20:48:53	31			SC32AF	2 PLS E1 INT/AMP GAIN			22219:44:785F	02-014/09:09:23	1TI
2997	014 20:48:53	31			SC32AG	2 PLS E2 INT/AMP GAIN			22219:44:785F	02-014/09:09:23	1TI
2998	014 20:48:53	31			SC32AH	3 PLS M INT/AMP GAIN			22219:44:785F	02-014/09:09:23	1TI
2999	014 20:48:53	31			SC32AJ	11 PLS CONFIG CMD			22219:44:785F	02-014/09:09:23	1TI
3000	014 20:48:53	31			SC32AK	2 PLS L INT/AMP GAIN			22219:44:785F	02-014/09:09:23	1TI
3001	014 20:48:53	31			SC32AL	216 PLS M START WORD 1			22219:44:785F	02-014/09:09:23	1TI
3002	014 20:48:53	31			SC32AM	216 PLS M START WORD 2			22219:44:785F	02-014/09:09:23	1TI
3003	014 20:48:53	31			SC32AN	2 PLS M MODE			22219:44:785F	02-014/09:09:23	1TI
3004	014 20:48:53	31			SC32AP	3 PLS E1 SHRT			22219:44:785F	02-014/09:09:23	1TI
3005	014 20:48:53	31			SC32AQ	3 PLS E2 SHRT			22219:44:785F	02-014/09:09:23	1TI
3006	014 20:48:53	31			SC32AR	3 PLS L SHORT			22219:44:785F	02-014/09:09:23	1TI
3007	014 20:48:53	31			SC32AS	2 PLS E1 LONG			22219:44:785F	02-014/09:09:23	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
3008	014 20:48:53	31			SC32AT	2 PLS E2 LONG			22219:44:785F	02-014/09:09:23	1TI
3009	014 20:48:53	31			SC32AU	2 PLS L LONG			22219:44:785F	02-014/09:09:23	1TI
3010	014 20:48:53	31			SC34AE	13 UVS MODE/HV LEVEL			22219:44:785F	02-014/09:09:23	1TI
3011	014 20:48:53	31			SC34AF	0 UVS READ OUT FLAG			22219:44:785F	02-014/09:09:23	1TI
3012	014 20:48:53	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			22219:44:785F	02-014/09:09:23	1TI
3013	014 20:48:53	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			22219:44:785F	02-014/09:09:23	1TI