

INTEGRATED SEQUENCE FOR JST A036F JSX B109F WEEK 37 DOY 00-255/00:00 - 00-262/00:00

ITEM NO	TRM-OR-ERT 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	255 00:00:00	31				VGR-31 OWLT IS 10H 55M 08S					1L
2	255 00:00:00	32				VGR-32 OWLT IS 08H 31M 26S					2L
3	255 02:21:21	32	40RISE			10 DEGREE RISE DSC-40					2V
4	255 03:05:29	31	40RISE			10 DEGREE RISE DSC-40					1V
5	255 06:05:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8430					1DP
6	255 06:30:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8446 (D/L ONLY)					2DP
7	255 07:07:13	31	10 SET			10 DEGREE SET DSC-10					1V
8	255 12:00:00	31				VGR-31 OWLT IS 10H 55M 14S					1L
9	255 12:00:00	32				VGR-32 OWLT IS 08H 31M 32S					2L
10	255 12:02:23	31	60RISE			10 DEGREE RISE DSC-60					1V
11	255 12:11:42	31	40 SET			10 DEGREE SET DSC-40					1V
12	255 12:20:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8446					2DP
13	255 16:55:53	31				B- UVSLEW			07515:49:001F	00-255/06:00:35	1TB
14	255 16:55:53	31				SLEW TO HELIO-3A			07515:49:001F	00-255/06:00:35	1T
15	255 16:55:53	31				B- PLATPOA			07515:49:001F	00-255/06:00:35	1TB
16	255 16:55:53	31			AC7SPK	(1 12 2 120 138) EL SLEW R=LOW	AACS		07515:49:003F	00-255/06:00:36	1ECa
17	255 16:58:13	31				B- SLEND			07515:51:734F	00-255/06:02:55	1TB
18	255 16:58:13	31			SLEWEND	AZ=299.982 EL=101.007 CO=104.669			07515:51:734F	00-255/06:02:55	1T
19	255 18:05:07	32	40 SET			10 DEGREE SET DSC-40					2V
20	255 18:10:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8430 (D/L ONLY)					1DP
21	255 19:35:06	31	10RISE			10 DEGREE RISE DSC-10					1V
22	255 21:15:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8431 (D/L ONLY)					1DP
23	255 21:30:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8430					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
24	255 23:30:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8431 (D/L ONLY)					1DP
25	255 23:37:16	31	60 SET			10 DEGREE SET DSC-60					1V
26	255 23:50:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8431					1DP
27	256 00:00:00	31				VGR-31 OWLT IS 10H 55M 20S					1L
28	256 00:00:00	32				VGR-32 OWLT IS 08H 31M 37S					2L
29	256 02:17:24	32	40RISE			10 DEGREE RISE DSC-40					2V
30	256 03:01:32	31	40RISE			10 DEGREE RISE DSC-40					1V
31	256 05:55:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8431					1DP
32	256 05:55:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8447 (D/L ONLY)					2DP
33	256 07:02:17	32	45	TRK DSS		ASCAL PREP ===== ANTENNA DRIVE TO PRECISION ONE (70 METER STATION ONLY) PRIME DATA SOURCE=X BAND AGC ===== TURN CONSCAN -----> OFF (IF ON)					2TD
34	256 07:03:16	31	10 SET			10 DEGREE SET DSC-10					1V
35	256 07:13:05	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
36	256 07:13:05	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
37	256 07:17:17	32				B- ASCAL			01391:49:001F	00-255/22:45:35	2TB
38	256 07:17:17	32				B- DREL40			01391:49:001F	00-255/22:45:35	2TB

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
39	256 07:17:17	32			SC06BB	(32 0 07 0) FDS MODE TO: EL-40 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		01391:49:009F	00-255/22:45:36	2ECf
40	256 07:17:17	32	45	OPCH 45		START ASCAL =====					2TD
						DSS-45: MONITOR X-BD AGC VARIATIONS DURING ASCAL IF X-BD RCVR DROPS LOCK INITIATE AUTO ACQUIRE					
41	256 07:18:05	32		ACE OPCH			FDS	CE-40	01391:50:001F	00-255/22:46:23	2ESf
						FDS STATUS EL-40/X40/S40 MEM:PB/FDS11 SA/FDS11					
42	256 07:18:05	32			CC3A	(30310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		01391:50:002F	00-255/22:46:23	2ECs
43	256 07:33:17	32				.05 ALL AXES DEADBAND			01392:09:001F	00-255/23:01:35	2T
44	256 07:33:17	32			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		01392:09:003F	00-255/23:01:35	2ECa
45	256 07:49:17	32			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		01392:29:002F	00-255/23:17:35	2ECa
46	256 07:49:17	32				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		01392:29:002F	00-255/23:17:35	2ESa
47	256 07:49:17	32			CC7GARP	GYRO A OFF	PWR		01392:29:003F	00-255/23:17:35	2ECp
48	256 07:49:17	32			CC7GARP	GYRO A OFF	PWR		01392:29:005F	00-255/23:17:35	2ECp
49	256 07:49:17	32			CC7PC	(352) GYRO A OFF	AACS		01392:29:007F	00-255/23:17:36	2ECa
50	256 07:49:17	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		01392:29:007F	00-255/23:17:36	2ECp

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51	256 07:49:17	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		01392:29:009F	00-255/23:17:36	2ECp
52	256 07:49:17	32			CC7PC	(312) DUMMY PWR CMD	AACS		01392:29:012F	00-255/23:17:36	2ECa
53	256 07:50:04	32	45	OPCH 45		ASCAL ===== START YAW DRIFT TURNS					2TD
54	256 07:50:05	32				START FIRST YAW DRIFT TURN			01392:30:001F	00-255/23:18:23	2T
55	256 07:50:05	32			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		01392:30:003F	00-255/23:18:23	2ECa
56	256 07:54:05	32			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		01392:35:003F	00-255/23:22:23	2ECa
57	256 08:02:05	32			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		01392:45:003F	00-255/23:30:23	2ECa
58	256 08:06:05	32			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		01392:50:003F	00-255/23:34:23	2ECa
59	256 08:06:05	32	45	OPCH 45		ASCAL ===== END YAW DRIFT TURNS					2TD
60	256 08:06:06	32				END THIRD YAW DRIFT TURN			01392:50:018F	00-255/23:34:24	2T
61	256 08:06:52	32	45	OPCH 45		ASCAL ===== START PITCH DRIFT TURNS					2TD
62	256 08:06:53	32				START FIRST PITCH DRIFT TURN			01392:51:001F	00-255/23:35:11	2T
63	256 08:06:53	32			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		01392:51:003F	00-255/23:35:11	2ECa
64	256 08:10:53	32			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		01392:56:003F	00-255/23:39:11	2ECa
65	256 08:18:53	32			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		01393:06:003F	00-255/23:47:11	2ECa
66	256 08:22:53	32			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		01393:11:003F	00-255/23:51:11	2ECa

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
67	256 08:22:53	32	45	OPCH 45		ASCAL =====					2TD
68	256 08:22:54	32				END THIRD PITCH DRIFT TURN			01393:11:018F	00-255/23:51:12	2T
69	256 08:24:29	32			CC7SS	(1) SS SEARCH ENABLE	AACS		01393:13:001F	00-255/23:52:47	2ECa
70	256 08:24:29	32				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS	01393:13:001F	00-255/23:52:47	2ESa	
71	256 08:24:29	32			CC7PC	(327) IDET ACQUIRED	AACS		01393:13:002F	00-255/23:52:47	2ECa
72	256 08:24:29	32			CC7GARP	GYRO A OFF	PWR		01393:13:003F	00-255/23:52:47	2ECp
73	256 08:24:29	32			CC7GARP	GYRO A OFF	PWR		01393:13:005F	00-255/23:52:48	2ECp
74	256 08:24:29	32			CC7PC	(352) GYRO A OFF	AACS		01393:13:007F	00-255/23:52:48	2ECa
75	256 08:24:29	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		01393:13:008F	00-255/23:52:48	2ECp
76	256 08:24:29	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		01393:13:010F	00-255/23:52:48	2ECp
77	256 08:24:29	32			CC7PC	(312) DUMMY PWR CMD	AACS		01393:13:012F	00-255/23:52:48	2ECa
78	256 08:25:05	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESF
79	256 08:25:05	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
80	256 08:26:05	32			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		01393:15:001F	00-255/23:54:23	2ECa

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81	256 08:27:10	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		01393:16:285F	00-255/23:55:28	2ESa
82	256 08:27:10	32			CC7PC	(307) STAR ACQUIRED	AACS		01393:16:285F	00-255/23:55:28	2ECa
83	256 08:27:10	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		01393:16:286F	00-255/23:55:28	2ECp
84	256 08:27:10	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		01393:16:288F	00-255/23:55:28	2ECp
85	256 08:27:10	32			CC7PC	(312) DUMMY PWR CMD	AACS		01393:16:290F	00-255/23:55:29	2ECa
86	256 08:29:17	32				B- DRCRUS			01393:19:001F	00-255/23:57:35	2TB
87	256 08:29:17	32			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		01393:19:009F	00-255/23:57:36	2ECf
88	256 08:30:05	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	01393:20:001F	00-255/23:58:23	2ESf
89	256 08:30:05	32			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		01393:20:002F	00-255/23:58:23	2ECs
90	256 08:35:41	32				B- YAWDB			01393:27:001F	00-256/00:03:59	2TB
91	256 08:35:41	32				YAWDB - .10			01393:27:001F	00-256/00:03:59	2T
92	256 08:35:41	32				B- ROLLDB			01393:27:001F	00-256/00:03:59	2TB
93	256 08:35:41	32				ROLLDB - .25			01393:27:001F	00-256/00:03:59	2T
94	256 08:35:41	32			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		01393:27:003F	00-256/00:03:59	2ECa
95	256 08:35:41	32			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		01393:27:005F	00-256/00:04:00	2ECa

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96	256 08:35:42	32	45	OPCH 45		END ASCAL					2TD
97	256 08:37:17	32				RESTART GYRO FAULT TEST			01393:29:001F	00-256/00:05:35	2T
98	256 08:37:17	32			CC7GY	(4) DRIRU FAULT TEST START	AACS		01393:29:001F	00-256/00:05:35	2ECa
99	256 09:45:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8447					2DP
100	256 11:58:29	31	60RISE			10 DEGREE RISE DSC-60					1V
101	256 12:00:00	31				VGR-31 OWLT IS 10H 55M 26S					1L
102	256 12:00:00	32				VGR-32 OWLT IS 08H 31M 43S					2L
103	256 12:07:48	31	40 SET			10 DEGREE SET DSC-40					1V
104	256 12:35:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8431 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
105	256 14:30:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8447 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
106	256 15:00:03	31				B- GYONBC.31			07543:24:001F	00-256/04:04:35	1TB
107	256 15:00:03	31				BEGIN GYONBC31			07543:24:001F	00-256/04:04:35	1T
108	256 15:00:03	31			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		07543:24:003F	00-256/04:04:36	1ECa
109	256 15:00:03	31			CC7GARP	GYRO A OFF	PWR		07543:24:004F	00-256/04:04:36	1ECp
110	256 15:00:03	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: OFF	AACS		07543:24:004F	00-256/04:04:36	1ESa
111	256 15:00:03	31			CC7GARP	GYRO A OFF	PWR		07543:24:006F	00-256/04:04:36	1ECp
112	256 15:00:03	31			CC7PC	(352) GYRO A OFF	AACS		07543:24:008F	00-256/04:04:36	1ECa
113	256 15:00:03	31			CC7GCP	GYRO C ON	PWR		07543:24:009F	00-256/04:04:36	1ECp

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114	256 15:00:03	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: ON	AACS		07543:24:009F	00-256/04:04:36	1ESa
115	256 15:00:04	31			CC7GCP	GYRO C ON	PWR		07543:24:011F	00-256/04:04:36	1ECp
116	256 15:00:04	31			CC7PC	(373) GYRO C ON	AACS		07543:24:013F	00-256/04:04:36	1ECa
117	256 15:00:04	31			CC7GBP	GYRO B ON	PWR		07543:24:013F	00-256/04:04:36	1ECp
118	256 15:00:04	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		07543:24:013F	00-256/04:04:36	1ESa
119	256 15:00:04	31			CC7GBP	GYRO B ON	PWR		07543:24:015F	00-256/04:04:36	1ECp
120	256 15:00:04	31			CC7PC	(363) GYRO B ON	AACS		07543:24:018F	00-256/04:04:36	1ECa
121	256 15:00:32	31				DRIRU INITIALIZATION			07543:24:484F	00-256/04:05:04	1T
122	256 15:00:33	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		07543:24:502F	00-256/04:05:06	1ECa
123	256 15:01:02	31				SET CALIB			07543:25:184F	00-256/04:05:34	1T
124	256 15:01:03	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		07543:25:204F	00-256/04:05:36	1ECa
125	256 15:10:02	31				START GYRO FAULT TEST			07543:36:384F	00-256/04:14:34	1T
126	256 15:10:03	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		07543:36:402F	00-256/04:14:36	1ECa
127	256 15:10:04	31				END GYONBC31			07543:36:418F	00-256/04:14:36	1T
128	256 16:56:04	31				B- UVSLEW			07545:49:001F	00-256/06:00:35	1TB
129	256 16:56:04	31				SLEW TO HELIO-4A			07545:49:001F	00-256/06:00:35	1T
130	256 16:56:04	31				B- PLATPOA			07545:49:001F	00-256/06:00:35	1TB
131	256 16:56:04	31			AC7SPK	(1 12 2 114 085) EL SLEW R=LOW	AACS		07545:49:003F	00-256/06:00:36	1ECa

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132	256 16:57:59	31				B- SLEND			07545:51:318F	00-256/06:02:30	1TB
133	256 16:57:59	31			SLEWEND	AZ=299.982 EL=110.004 CO=113.629			07545:51:318F	00-256/06:02:30	1T
134	256 17:45:00	32	34	LO	OPCH ACE	LOS DSS-34 PASS-8447					2DP
135	256 18:01:08	32	40	SET		10 DEGREE SET DSC-40					2V
136	256 18:35:00	31	63		OPCH 63	== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
137	256 18:35:00	31	63		OPCH 63	== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
138	256 18:36:00	31	63		OPCH 63	== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
139	256 18:37:00	31	63		OPCH 63	== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
140	256 19:02:00	31	63		OPCH 63	== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
141	256 19:31:11	31	10	RISE		10 DEGREE RISE DSC-10					1V
142	256 21:10:00	31	24	AO	OPCH ACE	AOS DSS-24 PASS-8432 (D/L ONLY)					1DP
143	256 21:30:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8431					1DP
144	256 23:33:19	31	60	SET		10 DEGREE SET DSC-60					1V
145	257 00:00:00	31				VGR-31 OWLT IS 10H 55M 32S					1L

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146	257 00:00:00	32				VGR-32 OWLT IS 08H 31M 48S					2L
147	257 00:52:44	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
148	257 00:52:44	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
149	257 00:52:56	31				BEGIN PMPCALLR			07555:45:001F	00-256/13:57:23	1T
150	257 00:56:56	31				B- DRCR5T			07555:50:001F	00-256/14:01:23	1TB
151	257 00:56:56	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		07555:50:009F	00-256/14:01:24	1ECf
152	257 00:57:44	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	07555:51:001F	00-256/14:02:11	1ESf
153	257 00:57:44	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		07555:51:001F	00-256/14:02:11	1ECs
154	257 01:04:08	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		07555:59:009F	00-256/14:08:36	1ECf
155	257 01:04:56	31				BEGIN PLS/MAG/PESCAL			07556:00:001F	00-256/14:09:23	1T
156	257 01:45:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8432					1DP
157	257 02:13:26	32	40RISE			10 DEGREE RISE DSC-40					2V
158	257 02:47:21	31				END PLSCAL			07558:08:001F	00-256/15:51:47	1T
159	257 02:57:35	31	40RISE			10 DEGREE RISE DSC-40					1V

INTEGRATED SEQUENCE FOR JST A036F JSX B109F WEEK 37 DOY 00-255/00:00 - 00-262/00:00

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
160	257 04:07:22	31				END MAGCAL			07559:48:001F	00-256/17:11:47	1T
161	257 04:20:46	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
162	257 04:20:46	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
163	257 04:24:58	31				END PESCAL			07560:10:001F	00-256/17:29:23	1T
164	257 04:24:58	31				B- DRCRUS			07560:10:001F	00-256/17:29:23	1TB
165	257 04:24:58	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		07560:10:010F	00-256/17:29:24	1ECf
166	257 04:25:46	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	07560:11:001F	00-256/17:30:11	1ESf
167	257 04:25:46	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		07560:11:002F	00-256/17:30:11	1ECs
168	257 04:25:47	31				END PMPCALLR			07560:11:018F	00-256/17:30:12	1T
169	257 04:31:38	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
170	257 04:31:38	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
171	257 04:32:26	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf

INTEGRATED SEQUENCE FOR JST A036F JSX B109F WEEK 37 DOY 00-255/00:00 - 00-262/00:00

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
185	257 04:36:38	32			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		01418:28:001F	00-256/20:04:47	2ECs
186	257 04:36:39	32				B- DRCRUS			01418:28:018F	00-256/20:04:48	2TB
187	257 04:36:39	32			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		01418:28:025F	00-256/20:04:49	2ECF
188	257 04:37:26	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	01418:29:001F	00-256/20:05:35	2ESF
189	257 04:37:26	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		01418:29:001F	00-256/20:05:35	2ECd
190	257 04:37:26	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0841	DTR		01418:29:001F	00-256/20:05:35	2ESd
191	257 04:37:26	32			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		01418:29:002F	00-256/20:05:35	2ECs
192	257 04:37:27	32				END PWSREC			01418:29:018F	00-256/20:05:36	2T
193	257 05:32:47	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
194	257 05:32:47	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
195	257 05:33:35	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

INTEGRATED SEQUENCE FOR JST A036F JSX B109F WEEK 37 DOY 00-255/00:00 - 00-262/00:00

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
196	257 05:33:35	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
197	257 05:36:11	31				B- BASLIN.31			07561:39:001F	00-256/18:40:35	1TB
198	257 05:36:11	31				BEGIN PWSREC.31			07561:39:001F	00-256/18:40:35	1T
199	257 05:36:11	31				INITIATE PWSREC CYCLIC			07561:39:001F	00-256/18:40:35	1T
200	257 05:36:11	31				PWSREC LOOPS=6D23H36M 52 TIMES			07561:39:001F	00-256/18:40:35	1T
201	257 05:36:11	31			SC32AJ	(10) PLS CONFIG CMD	FDS		07561:39:009F	00-256/18:40:36	1ECF
202	257 05:36:59	31				B- DRGS4B			07561:40:001F	00-256/18:41:23	1TB
203	257 05:36:59	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACCS READOUT MODE : TELEMETRY	FDS		07561:40:009F	00-256/18:41:24	1ECF
204	257 05:37:43	31				BEGIN RECORDING PWS DATA			07561:40:734F	00-256/18:42:07	1T
205	257 05:37:43	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		07561:40:735F	00-256/18:42:08	1ECd
206	257 05:37:43	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:1146	DTR		07561:40:735F	00-256/18:42:08	1ESd
207	257 05:37:47	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	07561:41:001F	00-256/18:42:11	1ESF
208	257 05:37:47	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		07561:41:002F	00-256/18:42:12	1ECs

INTEGRATED SEQUENCE FOR JST A036F JSX B109F WEEK 37 DOY 00-255/00:00 - 00-262/00:00

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
209	257 05:37:48	31				B- DRCSR			07561:41:018F	00-256/18:42:12	1TB
210	257 05:37:48	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		07561:41:026F	00-256/18:42:13	1ECf
211	257 05:38:35	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	07561:42:001F	00-256/18:42:59	1ESf
212	257 05:38:35	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		07561:42:002F	00-256/18:43:00	1ECd
213	257 05:38:35	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1438	DTR		07561:42:002F	00-256/18:43:00	1ESd
214	257 05:38:35	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		07561:42:002F	00-256/18:43:00	1ECs
215	257 05:39:23	31			SC32AJ	(11) PLS CONFIG CMD	FDS		07561:43:010F	00-256/18:43:48	1ECf
216	257 05:39:24	31				END PWSREC.31			07561:43:018F	00-256/18:43:48	1T
217	257 06:59:19	31	10	SET		10 DEGREE SET DSC-10					1V
218	257 09:45:00	32	34	AO	OPCH ACE	AOS DSS-34 PASS-8448 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
219	257 11:54:35	31	60	RISE		10 DEGREE RISE DSC-60					1V
220	257 12:00:00	31				VGR-31 OWLT IS 10H 55M 38S					1L
221	257 12:00:00	32				VGR-32 OWLT IS 08H 31M 54S					2L
222	257 12:03:54	31	40	SET		10 DEGREE SET DSC-40					1V
223	257 13:30:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-8432 (D/L ONLY)					1DP

INTEGRATED SEQUENCE FOR JST A036F JSX B109F WEEK 37 DOY 00-255/00:00 - 00-262/00:00

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
224	257 16:53:14	31	65	OPCH 65		== START TLC TEST DOWN-LINK ==					1TD
225	257 16:56:16	31				B- UVSLEW			07575:49:001F	00-257/06:00:35	1TB
226	257 16:56:16	31				SLEW TO HELIO-5A			07575:49:001F	00-257/06:00:35	1T
227	257 16:56:16	31				B- PLATPOA			07575:49:001F	00-257/06:00:35	1TB
228	257 16:56:16	31			AC7SPK	(1 12 1 105 040) EL SLEW R=LOW	AACS		07575:49:003F	00-257/06:00:36	1ECa
229	257 16:58:54	31				B- SLEND			07575:52:234F	00-257/06:03:13	1TB
230	257 16:58:54	31			SLEWEND	AZ=299.982 EL=122.506 CO=126.079			07575:52:234F	00-257/06:03:13	1T
231	257 17:40:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8448					2DP
232	257 17:54:14	31	65	OPCH 65		== END TLC TEST DOWN-LINK ==					1TD
233	257 17:57:09	32	40 SET			10 DEGREE SET DSC-40					2V
234	257 18:25:53	31				B- RFSTLC			07577:41:001F	00-257/07:30:11	1TB
235	257 19:27:17	31	10RISE			10 DEGREE RISE DSC-10					1V
236	257 21:40:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8433 (D/L ONLY)					1DP
237	257 22:00:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8432					1DP
238	257 23:29:22	31	60 SET			10 DEGREE SET DSC-60					1V
239	257 23:45:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8433 (D/L ONLY)					1DP
240	258 00:00:00	31				VGR-31 OWLT IS 10H 55M 44S					1L
241	258 00:00:00	32				VGR-32 OWLT IS 08H 32M 00S					2L
242	258 00:05:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8433					1DP
243	258 02:09:29	32	40RISE			10 DEGREE RISE DSC-40					2V
244	258 02:53:38	31	40RISE			10 DEGREE RISE DSC-40					1V

INTEGRATED SEQUENCE FOR JST A036F JSX B109F WEEK 37 DOY 00-255/00:00 - 00-262/00:00

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
245	258 05:10:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8433					1DP
246	258 05:52:02	32			AC7SSB	(4 +185) SS BIAS CONTROL --- YAW	AACS		01450:02:003F	00-257/21:19:59	2ECa
247	258 06:30:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8449 (D/L ONLY)					2DP
248	258 06:55:23	31	10 SET			10 DEGREE SET DSC-10					1V
249	258 11:50:41	31	60RISE			10 DEGREE RISE DSC-60					1V
250	258 12:00:00	31	40 SET			10 DEGREE SET DSC-40					1V
251	258 12:00:00	31				VGR-31 OWLT IS 10H 55M 50S					1L
252	258 12:00:00	32				VGR-32 OWLT IS 08H 32M 05S					2L
253	258 12:20:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8449					2DP
254	258 16:30:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8433 (D/L ONLY)					1DP
255	258 16:56:28	31				B- UVSLEW			07605:49:001F	00-258/06:00:35	1TB
256	258 16:56:28	31				SLEW TO HELIO-6A			07605:49:001F	00-258/06:00:35	1T
257	258 16:56:28	31				B- PLATPOA			07605:49:001F	00-258/06:00:35	1TB
258	258 16:56:28	31			AC7SPK	(1 12 2 100 171) EL SLEW R=LOW	AACS		07605:49:003F	00-258/06:00:36	1ECa
259	258 16:58:05	31				B- SLEND			07605:51:018F	00-258/06:02:12	1TB
260	258 16:58:05	31			SLEWEND	AZ=299.982 EL=129.990 CO=133.523			07605:51:018F	00-258/06:02:12	1T
261	258 17:53:10	32	40 SET			10 DEGREE SET DSC-40					2V
262	258 19:23:23	31	10RISE			10 DEGREE RISE DSC-10					1V
263	258 19:52:00	32		ACE ALL		>>>>>>>> 1 HR WARNING <<<<<<<<< FOR S/C-32 COMMAND MORATORIUM					2T
264	258 20:52:00	32		ACE ALL		BEGIN S/C-32 COMMAND MORATORIUM					2T
265	258 21:20:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8434 (D/L ONLY)					1DP
266	258 21:30:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8433					1DP

INTEGRATED SEQUENCE FOR JST A036F JSX B109F WEEK 37 DOY 00-255/00:00 - 00-262/00:00

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
267	258 23:25:25	31	60 SET			10 DEGREE SET DSC-60					1V
268	258 23:30:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8434 (D/L ONLY)					1DP
269	258 23:50:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8434					1DP
270	259 00:00:00	31				VGR-31 OWLT IS 10H 55M 55S					1L
271	259 00:00:00	32				VGR-32 OWLT IS 08H 32M 11S					2L
272	259 02:05:31	32	40RISE			10 DEGREE RISE DSC-40					2V
273	259 02:49:42	31	40RISE			10 DEGREE RISE DSC-40					1V
274	259 05:50:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8434					1DP
275	259 05:50:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8450 (D/L ONLY)					2DP
276	259 06:51:27	31	10 SET			10 DEGREE SET DSC-10					1V
277	259 07:14:26	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
278	259 07:14:26	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
279	259 07:17:50	32				B- MAGROLBC.32			01481:49:001F	00-258/22:45:35	2TB
280	259 07:17:50	32				BEGIN MAGROLBC32			01481:49:001F	00-258/22:45:35	2T
281	259 07:17:50	32				B- YAW10			01481:49:001F	00-258/22:45:35	2TB
282	259 07:17:50	32				YAW10			01481:49:001F	00-258/22:45:35	2T
283	259 07:17:50	32			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		01481:49:004F	00-258/22:45:35	2ECa
284	259 07:18:39	32				B- DRRC5T			01481:50:018F	00-258/22:46:24	2TB
285	259 07:18:39	32			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		01481:50:025F	00-258/22:46:25	2ECf

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
286	259 07:19:26	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	01481:51:001F	00-258/22:47:11	2ESf
287	259 07:19:26	32			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		01481:51:002F	00-258/22:47:11	2ECs
288	259 07:25:51	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR COMMANDED TURN D/L AGC VARIATIONS EXPECTED					22EC
289	259 07:27:51	32			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		01482:01:419F	00-258/22:55:36	2ECa
290	259 07:27:51	32				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		01482:01:419F	00-258/22:55:36	2ESa
291	259 07:27:51	32			CC7GARP	GYRO A OFF	PWR		01482:01:419F	00-258/22:55:36	2ECp
292	259 07:27:51	32			CC7GARP	GYRO A OFF	PWR		01482:01:421F	00-258/22:55:36	2ECp
293	259 07:27:51	32			CC7PC	(352) GYRO A OFF	AACS		01482:01:423F	00-258/22:55:37	2ECa
294	259 07:27:51	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		01482:01:424F	00-258/22:55:37	2ECp
295	259 07:27:51	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		01482:01:426F	00-258/22:55:37	2ECp
296	259 07:27:51	32			CC7PC	(312) DUMMY PWR CMD	AACS		01482:01:428F	00-258/22:55:37	2ECa
297	259 07:30:51	32			AC7TCD	(322 033167) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		01482:05:219F	00-258/22:58:36	2ECa
298	259 09:40:36	31			AC7SSB	(4 +141) SS BIAS CONTROL --- YAW	AACS		07626:44:002F	00-258/22:44:36	1ECa
299	259 11:46:47	31	60RISE			10 DEGREE RISE DSC-60					1V
300	259 11:55:51	32			SC32AJ	(10) PLS CONFIG CMD	FDS		01487:36:392F	00-259/03:23:35	2ECf
301	259 11:56:07	31	40 SET			10 DEGREE SET DSC-40					1V

INTEGRATED SEQUENCE FOR JST A036F JSX B109F WEEK 37 DOY 00-255/00:00 - 00-262/00:00

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
302	259 12:00:00	31				VGR-31 OWLT IS 10H 56M 01S					1L
303	259 12:00:00	32				VGR-32 OWLT IS 08H 32M 16S					2L
304	259 12:28:59	32			SC32AJ	(11) PLS CONFIG CMD	FDS		01488:17:708F	00-259/03:56:42	2ECf
305	259 13:02:08	32				ROLL TURN COMPLETE (NOMINAL)			01488:59:251F	00-259/04:29:50	2T
306	259 13:04:34	32			CC7PC	(345) CMDED TURN COMPLETE	AACS		01489:02:290F	00-259/04:32:17	2ECa
307	259 13:09:54	32			SC32AJ	(15) PLS CONFIG CMD	FDS		01489:09:025F	00-259/04:37:37	2ECf
308	259 13:18:54	32				RESET CALIB			01489:20:218F	00-259/04:46:36	2T
309	259 13:18:54	32			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		01489:20:220F	00-259/04:46:36	2ECa
310	259 13:19:24	32			CC7SS	(1) SS SEARCH ENABLE	AACS		01489:20:718F	00-259/04:47:06	2ECa
311	259 13:19:24	32				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS	01489:20:718F	00-259/04:47:06	2ESa	
312	259 13:19:24	32			CC7PC	(327) IDET ACQUIRED	AACS		01489:20:719F	00-259/04:47:06	2ECa
313	259 13:19:24	32			CC7GARP	GYRO A OFF	PWR		01489:20:719F	00-259/04:47:06	2ECp
314	259 13:19:24	32			CC7GARP	GYRO A OFF	PWR		01489:20:721F	00-259/04:47:07	2ECp
315	259 13:19:24	32			CC7PC	(352) GYRO A OFF	AACS		01489:20:724F	00-259/04:47:07	2ECa
316	259 13:19:24	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		01489:20:724F	00-259/04:47:07	2ECp
317	259 13:19:24	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		01489:20:726F	00-259/04:47:07	2ECp
318	259 13:19:24	32			CC7PC	(312) DUMMY PWR CMD	AACS		01489:20:728F	00-259/04:47:07	2ECa
319	259 13:25:24	32			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		01489:28:318F	00-259/04:53:06	2ECa
320	259 13:26:29	32				GYROS OFF			01489:29:601F	00-259/04:54:11	2T

INTEGRATED SEQUENCE FOR JST A036F JSX B109F WEEK 37 DOY 00-255/00:00 - 00-262/00:00

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
321	259 13:26:29	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		01489:29:601F	00-259/04:54:11	2ESa
322	259 13:26:29	32			CC7PC	(307) STAR ACQUIRED	AACS		01489:29:602F	00-259/04:54:11	2ECa
323	259 13:26:29	32			CC7GCRP	GYRO C OFF	PWR		01489:29:602F	00-259/04:54:11	2ECp
324	259 13:26:29	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF	AACS		01489:29:602F	00-259/04:54:11	2ESa
325	259 13:26:29	32			CC7GCRP	GYRO C OFF	PWR		01489:29:605F	00-259/04:54:11	2ECp
326	259 13:26:29	32			CC7PC	(372) GYRO C OFF	AACS		01489:29:607F	00-259/04:54:12	2ECa
327	259 13:26:29	32			CC7GBRP	GYRO B OFF	PWR		01489:29:607F	00-259/04:54:12	2ECp
328	259 13:26:29	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: OFF	AACS		01489:29:607F	00-259/04:54:12	2ESa
329	259 13:26:29	32			CC7GBRP	GYRO B OFF	PWR		01489:29:609F	00-259/04:54:12	2ECp
330	259 13:26:29	32			CC7PC	(362) GYRO B OFF	AACS		01489:29:611F	00-259/04:54:12	2ECa
331	259 13:26:29	32			CC7GARP	GYRO A OFF	PWR		01489:29:612F	00-259/04:54:12	2ECp
332	259 13:26:30	32			CC7GARP	GYRO A OFF	PWR		01489:29:614F	00-259/04:54:12	2ECp
333	259 13:26:30	32			CC7PC	(352) GYRO A OFF	AACS		01489:29:616F	00-259/04:54:12	2ECa
334	259 13:26:30	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		01489:29:617F	00-259/04:54:12	2ECp
335	259 13:26:30	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		01489:29:619F	00-259/04:54:12	2ECp
336	259 13:26:30	32			CC7PC	(312) DUMMY PWR CMD	AACS		01489:29:621F	00-259/04:54:12	2ECa

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
337	259 13:33:41	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
338	259 13:33:41	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
339	259 13:34:54	32				B- YAWDB			01489:40:218F	00-259/05:02:36	2TB
340	259 13:34:54	32				YAWDB - .10			01489:40:218F	00-259/05:02:36	2T
341	259 13:34:54	32			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		01489:40:220F	00-259/05:02:36	2ECa
342	259 13:37:54	32				B- DRCRUS			01489:44:018F	00-259/05:05:36	2TB
343	259 13:37:54	32			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		01489:44:026F	00-259/05:05:37	2ECf
344	259 13:38:41	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	01489:45:001F	00-259/05:06:23	2ESf
345	259 13:38:41	32			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		01489:45:002F	00-259/05:06:23	2ECs
346	259 13:38:42	32				END MAGROLBC32			01489:45:018F	00-259/05:06:24	2T
347	259 14:15:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8434 (D/L ONLY)					1DP
348	259 16:56:40	31				B- UVSLEW			07635:49:001F	00-259/06:00:35	1TB
349	259 16:56:40	31				SLEW TO HELIO-7A			07635:49:001F	00-259/06:00:35	1T
350	259 16:56:40	31				B- PLATPOA			07635:49:001F	00-259/06:00:35	1TB
351	259 16:56:40	31			AC7SPK	(1 12 2 094 118) EL SLEW R=LOW	AACS		07635:49:003F	00-259/06:00:36	1ECa
352	259 16:58:35	31				B- SLEND			07635:51:318F	00-259/06:02:30	1TB

INTEGRATED SEQUENCE FOR JST A036F JSX B109F WEEK 37 DOY 00-255/00:00 - 00-262/00:00

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
353	259 16:58:35	31			SLEWEND	AZ=299.982 EL=138.992 CO=142.413			07635:51:318F	00-259/06:02:30	1T
354	259 17:30:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8450					2DP
355	259 17:49:12	32	40 SET			10 DEGREE SET DSC-40					2V
356	259 19:19:29	31	10RISE			10 DEGREE RISE DSC-10					1V
357	259 21:05:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8435 (D/L ONLY)					1DP
358	259 21:45:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-8434					1DP
359	259 23:21:29	31	60 SET			10 DEGREE SET DSC-60					1V
360	260 00:00:00	31				VGR-31 OWLT IS 10H 56M 07S					1L
361	260 00:00:00	32				VGR-32 OWLT IS 08H 32M 22S					2L
362	260 02:01:34	32	40RISE			10 DEGREE RISE DSC-40					2V
363	260 02:45:45	31	40RISE			10 DEGREE RISE DSC-40					1V
364	260 03:10:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8435					1DP
365	260 05:15:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8451 (D/L ONLY)					2DP
366	260 06:47:30	31	10 SET			10 DEGREE SET DSC-10					1V
367	260 11:25:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8435 (D/L ONLY)					1DP
368	260 11:42:54	31	60RISE			10 DEGREE RISE DSC-60					1V
369	260 11:52:13	31	40 SET			10 DEGREE SET DSC-40					1V
370	260 12:00:00	31				VGR-31 OWLT IS 10H 56M 13S					1L
371	260 12:00:00	32				VGR-32 OWLT IS 08H 32M 28S					2L
372	260 14:25:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8451					2DP
373	260 16:00:51	31				B- MISCMD			07664:39:001F	00-260/05:04:35	1TB
374	260 16:00:51	31				MISCMD - GYRO INIT			07664:39:001F	00-260/05:04:35	1T
375	260 16:00:51	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		07664:39:002F	00-260/05:04:36	1ECa

INTEGRATED SEQUENCE FOR JST A036F JSX B109F WEEK 37 DOY 00-255/00:00 - 00-262/00:00

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
376	260 16:56:52	31				B- UVSLEW			07665:49:001F	00-260/06:00:35	1TB
377	260 16:56:52	31				SLEW TO HELIO-8A			07665:49:001F	00-260/06:00:35	1T
378	260 16:56:52	31				B- PLATPOA			07665:49:001F	00-260/06:00:35	1TB
379	260 16:56:52	31			AC7SPK	(1 12 1 086 127) EL SLEW R=LOW	AACS		07665:49:003F	00-260/06:00:36	1ECa
380	260 16:59:12	31				B- SLEND			07665:51:734F	00-260/06:02:55	1TB
381	260 16:59:12	31			SLEWEND	AZ=299.982 EL=149.991 CO=153.247			07665:51:734F	00-260/06:02:55	1T
382	260 17:45:13	32	40	SET		10 DEGREE SET DSC-40					2V
383	260 19:15:35	31	10	RISE		10 DEGREE RISE DSC-10					1V
384	260 20:21:37	32			ACE ALL						2T
						END S/C-32 COMMAND MORATORIUM					
385	260 21:20:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8435					1DP
386	260 23:17:32	31	60	SET		10 DEGREE SET DSC-60					1V
387	260 23:50:00	31	14	AO	OPCH ACE	AOS DSS-14 PASS-8436 (D/L ONLY)					1DP
388	261 00:00:00	31				VGR-31 OWLT IS 10H 56M 19S					1L
389	261 00:00:00	32				VGR-32 OWLT IS 08H 32M 33S					2L
390	261 01:57:37	32	40	RISE		10 DEGREE RISE DSC-40					2V
391	261 02:20:00	31	14	LO	OPCH ACE	LOS DSS-14 PASS-8436					1DP
392	261 02:41:48	31	40	RISE		10 DEGREE RISE DSC-40					1V
393	261 05:50:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-8452 (D/L ONLY)					2DP
394	261 06:43:34	31	10	SET		10 DEGREE SET DSC-10					1V
395	261 11:39:00	31	60	RISE		10 DEGREE RISE DSC-60					1V
396	261 11:48:19	31	40	SET		10 DEGREE SET DSC-40					1V
397	261 12:00:00	31				VGR-31 OWLT IS 10H 56M 25S					1L

INTEGRATED SEQUENCE FOR JST A036F JSX B109F WEEK 37 DOY 00-255/00:00 - 00-262/00:00

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
398	261 12:00:00	32				VGR-32 OWLT IS 08H 32M 39S					2L
399	261 13:20:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8436 (D/L ONLY)					1DP
400	261 13:26:51	32				END GAIN32			01549:29:584F	00-261/04:54:10	2T
401	261 16:57:03	31				B- UVSLEW			07695:49:001F	00-261/06:00:35	1TB
402	261 16:57:03	31				SLEW TO HELIO-9A			07695:49:001F	00-261/06:00:35	1T
403	261 16:57:03	31				B- PLATPOA			07695:49:001F	00-261/06:00:35	1TB
404	261 16:57:03	31			AC7SPK	(1 12 1 079 028) EL SLEW R=LOW	AACS		07695:49:003F	00-261/06:00:36	1ECa
405	261 16:59:14	31				B- SLEND			07695:51:584F	00-261/06:02:46	1TB
406	261 16:59:14	31			SLEWEND	AZ=299.982 EL=160.313 CO=163.234			07695:51:584F	00-261/06:02:46	1T
407	261 17:25:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8452					2DP
408	261 17:41:14	32	40 SET			10 DEGREE SET DSC-40					2V
409	261 19:11:41	31	10RISE			10 DEGREE RISE DSC-10					1V
410	261 19:30:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-8436					1DP
411	261 19:50:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8437 (D/L ONLY)					1DP
412	261 23:13:36	31	60 SET			10 DEGREE SET DSC-60					1V
413	262 00:00:00	31				VGR-31 OWLT IS 10H 56M 31S					1L
414	262 00:00:00	32				VGR-32 OWLT IS 08H 32M 45S					2L