

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 47 DOY 00-325/00:00 - 00-332/00:00

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	325 00:00:00	31				VGR-31 OWLT IS 11H 06M 34S					1L
2	325 00:00:00	32				VGR-32 OWLT IS 08H 44M 46S					2L
3	325 02:15:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8500					1DP
4	325 02:33:14	31	10 SET			10 DEGREE SET DSC-10					1V
5	325 06:40:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8516 (D/L ONLY)					2DP
6	325 07:30:52	31	60RISE			10 DEGREE RISE DSC-60					1V
7	325 07:40:12	31	40 SET			10 DEGREE SET DSC-40					1V
8	325 08:25:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8500 (D/L ONLY)					1DP
9	325 10:07:13	31				B- UVSLEW			09607:04:001F	00-324/23:00:35	1TB
10	325 10:07:13	31				SLEW TO HELIO-11A			09607:04:001F	00-324/23:00:35	1T
11	325 10:07:13	31				B- PLATPOA			09607:04:001F	00-324/23:00:35	1TB
12	325 10:07:13	31			AC7SPK	(1 12 2 068 132) EL SLEW R=LOW	AACS		09607:04:003F	00-324/23:00:36	1ECa
13	325 10:09:27	31				B- SLEND			09607:06:634F	00-324/23:02:49	1TB
14	325 10:09:27	31			SLEWEND	AZ=124.999 EL=176.032 CO=170.678			09607:06:634F	00-324/23:02:49	1T
15	325 12:00:00	31				VGR-31 OWLT IS 11H 06M 38S					1L
16	325 12:00:00	32				VGR-32 OWLT IS 08H 44M 51S					2L
17	325 12:15:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8500					1DP
18	325 12:55:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8516					2DP
19	325 13:29:19	32	40 SET			10 DEGREE SET DSC-40					2V
20	325 15:03:22	31	10RISE			10 DEGREE RISE DSC-10					1V
21	325 16:10:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8500 (D/L ONLY)					1DP
22	325 18:35:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8500					1DP
23	325 19:03:05	31	60 SET			10 DEGREE SET DSC-60					1V

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 47 DOY 00-325/00:00 - 00-332/00:00

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
24	325 21:15:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8501 (D/L ONLY)					1DP
25	325 21:44:34	32	40RISE			10 DEGREE RISE DSC-40					2V
26	325 22:07:16	31				B- UVSLEW			09622:04:001F	00-325/11:00:35	1TB
27	325 22:07:16	31				SLEW TO MIDPNT-A			09622:04:001F	00-325/11:00:35	1T
28	325 22:07:16	31				B- PLATPOB			09622:04:001F	00-325/11:00:35	1TB
29	325 22:07:16	31			AC7SPK	(1 12 1 093 214) EL SLEW R=LOW	AACS		09622:04:003F	00-325/11:00:36	1ECa
30	325 22:07:16	31			AC7SPK	(2 12 1 165 130) AZ SLEW R=LOW	AACS		09622:04:005F	00-325/11:00:36	1ECa
31	325 22:27:22	31	40RISE			10 DEGREE RISE DSC-40					1V
32	325 22:34:00	31				B- SLEND			09622:37:334F	00-325/11:27:19	1TB
33	325 22:34:00	31			SLEWEND	AZ=220.013 EL=140.021 CO=134.973			09622:37:334F	00-325/11:27:19	1T
34	326 00:00:00	31				VGR-31 OWLT IS 11H 06M 41S					1L
35	326 00:00:00	32				VGR-32 OWLT IS 08H 44M 56S					2L
36	326 01:55:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8501					1DP
37	326 02:29:21	31	10 SET			10 DEGREE SET DSC-10					1V
38	326 07:10:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8517 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
39	326 07:27:00	31	60RISE			10 DEGREE RISE DSC-60					1V
40	326 07:36:20	31	40 SET			10 DEGREE SET DSC-40					1V
41	326 10:07:19	31				B- UVSLEW			09637:04:001F	00-325/23:00:35	1TB
42	326 10:07:19	31				SLEW TO HELIO-10A			09637:04:001F	00-325/23:00:35	1T
43	326 10:07:19	31				B- PLATPOB			09637:04:001F	00-325/23:00:35	1TB
44	326 10:07:19	31			AC7SPK	(2 12 2 222 177) AZ SLEW R=LOW	AACS		09637:04:003F	00-325/23:00:36	1ECa
45	326 10:07:19	31			AC7SPK	(1 12 1 071 142) EL SLEW R=LOW	AACS		09637:04:005F	00-325/23:00:36	1ECa
46	326 10:30:08	31				B- SLEND			09637:32:401F	00-325/23:23:23	1TB

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 47 DOY 00-325/00:00 - 00-332/00:00

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
47	326 10:30:08	31			SLEWEND	AZ=299.984 EL=172.024 CO=172.723			09637:32:401F	00-325/23:23:23	1T
48	326 11:22:32	31			AC7SSB	(3 +013) SS BIAS CONTROL - PITCH	AACS		09638:38:003F	00-326/00:15:48	1ECa
49	326 12:00:00	31				VGR-31 OWLT IS 11H 06M 44S					1L
50	326 12:00:00	32				VGR-32 OWLT IS 08H 45M 01S					2L
51	326 13:10:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8517					2DP
52	326 13:25:26	32	40 SET			10 DEGREE SET DSC-40					2V
53	326 13:30:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8501 (D/L ONLY)					1DP
54	326 14:59:30	31	10RISE			10 DEGREE RISE DSC-10					1V
55	326 16:55:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8501					1DP
56	326 18:59:12	31	60 SET			10 DEGREE SET DSC-60					1V
57	326 21:04:58	31			AC7SSB	(4 +157) SS BIAS CONTROL --- YAW	AACS		09650:46:003F	00-326/09:58:12	1ECa
58	326 21:05:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8502 (D/L ONLY)					1DP
59	326 21:40:43	32	40RISE			10 DEGREE RISE DSC-40					2V
60	326 22:07:23	31				B- UVSLEW			09652:04:001F	00-326/11:00:35	1TB
61	326 22:07:23	31				SLEW TO HELIO-9A			09652:04:001F	00-326/11:00:35	1T
62	326 22:07:23	31				B- PLATPOB			09652:04:001F	00-326/11:00:35	1TB
63	326 22:07:23	31			AC7SPK	(1 12 2 079 159) EL SLEW R=LOW	AACS		09652:04:003F	00-326/11:00:36	1ECa
64	326 22:07:23	31			AC7SPL	(2 12 1 255 044) AZ SLEW R=LOW	AACS		09652:04:005F	00-326/11:00:36	1ECa
65	326 22:10:02	31				B- SLEND			09652:07:251F	00-326/11:03:14	1TB
66	326 22:10:02	31			SLEWEND	AZ=299.953 EL=160.328 CO=162.647			09652:07:251F	00-326/11:03:14	1T
67	326 22:23:29	31	40RISE			10 DEGREE RISE DSC-40					1V
68	326 23:55:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8518 (D/L ONLY)					2DP
69	327 00:00:00	31				VGR-31 OWLT IS 11H 06M 47S					1L

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105	327 01:49:01	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		09656:41:026F	00-326/14:42:13	1ECf
106	327 01:49:48	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09656:42:001F	00-326/14:42:59	1ESf
107	327 01:49:48	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09656:42:002F	00-326/14:43:00	1ECs
108	327 01:49:48	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09656:42:002F	00-326/14:43:00	1ECd
109	327 01:49:48	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1740	DTR		09656:42:002F	00-326/14:43:00	1ESd
110	327 01:50:36	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09656:43:009F	00-326/14:43:48	1ECf
111	327 01:50:37	31				END PWSREC.31			09656:43:018F	00-326/14:43:48	1T
112	327 01:55:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8502					1DP
113	327 02:25:27	31	10 SET			10 DEGREE SET DSC-10					1V
114	327 07:23:08	31	60RISE			10 DEGREE RISE DSC-60					1V
115	327 07:32:27	31	40 SET			10 DEGREE SET DSC-40					1V
116	327 07:35:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8518					2DP
117	327 09:45:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8502 (D/L ONLY)					1DP
118	327 09:49:02	31				B- RFSTLC			09666:41:001F	00-326/22:42:11	1TB
119	327 10:07:26	31				B- UVSLEW			09667:04:001F	00-326/23:00:35	1TB
120	327 10:07:26	31				SLEW TO HELIO-8A			09667:04:001F	00-326/23:00:35	1T

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121	327 10:07:26	31				B- PLATPOA			09667:04:001F	00-326/23:00:35	1TB
122	327 10:07:26	31			AC7SPK	(1 12 1 086 126) EL SLEW R=LOW	AACS		09667:04:003F	00-326/23:00:36	1ECa
123	327 10:09:37	31				B- SLEND			09667:06:584F	00-326/23:02:46	1TB
124	327 10:09:37	31			SLEWEND	AZ=299.953 EL=150.019 CO=152.717			09667:06:584F	00-326/23:02:46	1T
125	327 12:00:00	31				VGR-31 OWLT IS 11H 06M 50S					1L
126	327 12:00:00	32				VGR-32 OWLT IS 08H 45M 11S					2L
127	327 12:30:38	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		09670:03:002F	00-327/01:23:48	1ECd
128	327 12:30:38	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1747	DTR		09670:03:002F	00-327/01:23:48	1ESd
129	327 12:44:53	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09670:20:645F	00-327/01:38:02	1ECd
130	327 12:44:53	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2055	DTR		09670:20:645F	00-327/01:38:02	1ESd
131	327 13:21:33	32	40	SET		10 DEGREE SET DSC-40					2V
132	327 14:20:00	31	54	LO	OPCH ACE	LOS DSS-54 PASS-8502					1DP
133	327 14:45:00	31	14	AO	OPCH ACE	AOS DSS-14 PASS-8503 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
134	327 14:55:37	31	10	RISE		10 DEGREE RISE DSC-10					1V
135	327 15:30:39	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		09673:48:002F	00-327/04:23:48	1ECd
136	327 15:30:39	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2055	DTR		09673:48:002F	00-327/04:23:48	1ESd

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 47 DOY 00-325/00:00 - 00-332/00:00

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
148	327 15:36:16	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		09673:55:026F	00-327/04:29:25	1ECf
149	327 15:37:03	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09673:56:001F	00-327/04:30:11	1ESf
150	327 15:37:03	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09673:56:002F	00-327/04:30:12	1ECs
151	327 15:37:03	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09673:56:002F	00-327/04:30:12	1ECd
152	327 15:37:03	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2347	DTR		09673:56:002F	00-327/04:30:12	1ESd
153	327 15:37:51	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09673:57:009F	00-327/04:31:00	1ECf
154	327 17:00:00	31	14	OPCH 14		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
155	327 17:00:00	31	14	OPCH 14		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
156	327 17:01:00	31	14	OPCH 14		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 47 DOY 00-325/00:00 - 00-332/00:00

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157	327 17:02:00	31	14	OPCH 14		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
158	327 17:27:00	31	14	OPCH 14		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
159	327 18:06:49	32			AC7SSB	(4 +187) SS BIAS CONTROL --- YAW	AACS		03535:04:003F	00-327/09:21:35	2ECa
160	327 18:15:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-8503 (D/L ONLY)					1DP
161	327 18:30:00	31	14	LO	OPCH ACE	LOS DSS-14 PASS-8503					1DP
162	327 18:55:19	31	60	SET		10 DEGREE SET DSC-60					1V
163	327 21:36:53	32	40	RISE		10 DEGREE RISE DSC-40					2V
164	327 21:59:39	32			AC7SSB	(3 -006) SS BIAS CONTROL - PITCH	AACS		03539:55:003F	00-327/13:14:23	2ECa
165	327 22:07:29	31				B- UVSLEW			09682:04:001F	00-327/11:00:35	1TB
166	327 22:07:29	31				SLEW TO HELIO-7A			09682:04:001F	00-327/11:00:35	1T
167	327 22:07:29	31				B- PLATPOA			09682:04:001F	00-327/11:00:35	1TB
168	327 22:07:29	31			AC7SPK	(1 12 2 094 117) EL SLEW R=LOW	AACS		09682:04:003F	00-327/11:00:36	1ECa
169	327 22:09:49	31				B- SLEND			09682:06:734F	00-327/11:02:55	1TB
170	327 22:09:49	31			SLEWEND	AZ=299.953 EL=139.020 CO=141.907			09682:06:734F	00-327/11:02:55	1T
171	327 22:19:35	31	40	RISE		10 DEGREE RISE DSC-40					1V
172	328 00:00:00	31				VGR-31 OWLT IS 11H 06M 53S					1L
173	328 00:00:00	32				VGR-32 OWLT IS 08H 45M 16S					2L
174	328 00:45:00	32	43	AO	OPCH ACE	AOS DSS-43 PASS-8519 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP

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186	328 00:56:19	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		09685:35:026F	00-327/13:49:25	1ECf
187	328 00:57:06	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09685:36:001F	00-327/13:50:11	1ESf
188	328 00:57:06	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09685:36:002F	00-327/13:50:12	1ECs
189	328 00:57:06	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09685:36:002F	00-327/13:50:12	1ECd
190	328 00:57:06	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2646	DTR		09685:36:002F	00-327/13:50:12	1ESd
191	328 00:57:54	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09685:37:009F	00-327/13:51:00	1ECf
192	328 01:35:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8503					1DP
193	328 02:21:34	31	10 SET			10 DEGREE SET DSC-10					1V
194	328 07:19:16	31	60RISE			10 DEGREE RISE DSC-60					1V
195	328 07:28:35	31	40 SET			10 DEGREE SET DSC-40					1V
196	328 07:45:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-8519					2DP
197	328 09:20:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8503 (D/L ONLY)					1DP
198	328 10:07:32	31				B- UVSLEW			09697:04:001F	00-327/23:00:35	1TB
199	328 10:07:32	31				SLEW TO HELIO-6A			09697:04:001F	00-327/23:00:35	1T
200	328 10:07:32	31				B- PLATPOA			09697:04:001F	00-327/23:00:35	1TB
201	328 10:07:32	31			AC7SPK	(1 12 2 100 170) EL SLEW R=LOW	AACS		09697:04:003F	00-327/23:00:36	1ECa

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214	328 10:16:20	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		09697:15:002F	00-327/23:09:24	1ECs
215	328 10:16:21	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		09697:15:026F	00-327/23:09:25	1ECf
216	328 10:17:08	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09697:16:001F	00-327/23:10:11	1ESf
217	328 10:17:08	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09697:16:002F	00-327/23:10:12	1ECd
218	328 10:17:08	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2945	DTR		09697:16:002F	00-327/23:10:12	1ESd
219	328 10:17:08	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09697:16:002F	00-327/23:10:12	1ECs
220	328 10:17:56	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09697:17:009F	00-327/23:11:00	1ECf
221	328 12:00:00	31				VGR-31 OWLT IS 11H 06M 56S					1L
222	328 12:00:00	32				VGR-32 OWLT IS 08H 45M 20S					2L
223	328 13:17:39	32	40	SET		10 DEGREE SET DSC-40					2V
224	328 14:51:45	31	10	RISE		10 DEGREE RISE DSC-10					1V
225	328 15:40:53	31	54	OPCH	54	== START TLC TEST DOWN-LINK ==					1TD
226	328 16:25:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-8504 (D/L ONLY)					1DP

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 47 DOY 00-325/00:00 - 00-332/00:00

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
239	328 19:36:22	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09708:55:001F	00-328/08:29:23	1ESf
240	328 19:36:22	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09708:55:002F	00-328/08:29:24	1ECs
241	328 19:36:23	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		09708:55:026F	00-328/08:29:25	1ECf
242	328 19:37:10	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09708:56:001F	00-328/08:30:11	1ESf
243	328 19:37:10	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09708:56:002F	00-328/08:30:12	1ECs
244	328 19:37:10	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09708:56:002F	00-328/08:30:12	1ECd
245	328 19:37:10	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:3244	DTR		09708:56:002F	00-328/08:30:12	1ESd
246	328 19:37:58	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09708:57:009F	00-328/08:31:00	1ECf
247	328 21:33:02	32	40RISE			10 DEGREE RISE DSC-40					2V
248	328 21:45:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8520 (D/L ONLY)					2DP
249	328 22:07:35	31				B- UVSLEW			09712:04:001F	00-328/11:00:35	1TB

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 47 DOY 00-325/00:00 - 00-332/00:00

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
268	329 04:55:37	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		09720:34:009F	00-328/17:48:36	1ECf
269	329 04:56:21	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09720:34:735F	00-328/17:49:20	1ECd
270	329 04:56:21	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:3251	DTR		09720:34:735F	00-328/17:49:20	1ESd
271	329 04:56:25	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09720:35:001F	00-328/17:49:23	1ESf
272	329 04:56:25	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09720:35:002F	00-328/17:49:24	1ECs
273	329 04:56:26	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		09720:35:026F	00-328/17:49:25	1ECf
274	329 04:57:13	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09720:36:001F	00-328/17:50:11	1ESf
275	329 04:57:13	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09720:36:002F	00-328/17:50:12	1ECs
276	329 04:57:13	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09720:36:002F	00-328/17:50:12	1ECd

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 47 DOY 00-325/00:00 - 00-332/00:00

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
305	329 14:20:28	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		09732:20:026F	00-329/03:13:25	1ECf
306	329 14:21:15	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09732:21:001F	00-329/03:14:11	1ESf
307	329 14:21:15	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09732:21:002F	00-329/03:14:12	1ECd
308	329 14:21:15	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:3258	DTR		09732:21:002F	00-329/03:14:12	1ESd
309	329 14:21:15	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09732:21:002F	00-329/03:14:12	1ECs
310	329 14:22:03	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09732:22:009F	00-329/03:15:00	1ECf
311	329 14:47:53	31	10RISE			10 DEGREE RISE DSC-10					1V
312	329 16:20:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8504					1DP
313	329 18:20:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8505 (D/L ONLY)					1DP
314	329 18:47:32	31	60 SET			10 DEGREE SET DSC-60					1V
315	329 21:29:11	32	40RISE			10 DEGREE RISE DSC-40					2V
316	329 22:07:41	31				B- UVSLEW			09742:04:001F	00-329/11:00:35	1TB
317	329 22:07:41	31				SLEW TO HELIO-3A			09742:04:001F	00-329/11:00:35	1T
318	329 22:07:41	31				B- PLATPOA			09742:04:001F	00-329/11:00:35	1TB
319	329 22:07:41	31			AC7SPK	(1 12 2 121 136) EL SLEW R=LOW	AACS		09742:04:003F	00-329/11:00:36	1ECa
320	329 22:09:36	31				B- SLEND			09742:06:318F	00-329/11:02:30	1TB

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 47 DOY 00-325/00:00 - 00-332/00:00

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
333	329 23:40:29	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09744:00:001F	00-329/12:33:23	1ESf
334	329 23:40:29	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09744:00:002F	00-329/12:33:24	1ECs
335	329 23:40:30	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		09744:00:026F	00-329/12:33:25	1ECf
336	329 23:41:17	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09744:01:001F	00-329/12:34:11	1ESf
337	329 23:41:17	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09744:01:002F	00-329/12:34:12	1ECs
338	329 23:41:17	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09744:01:002F	00-329/12:34:12	1ECd
339	329 23:41:17	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2959	DTR		09744:01:002F	00-329/12:34:12	1ESd
340	329 23:42:05	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09744:02:009F	00-329/12:35:00	1ECf
341	330 00:00:00	31				VGR-31 OWLT IS 11H 07M 05S					1L
342	330 00:00:00	32				VGR-32 OWLT IS 08H 45M 35S					2L
343	330 01:40:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8505					1DP

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 47 DOY 00-325/00:00 - 00-332/00:00

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
359	330 09:00:32	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09755:40:001F	00-329/21:53:23	1ESf
360	330 09:00:32	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09755:40:002F	00-329/21:53:24	1ECs
361	330 09:00:33	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		09755:40:026F	00-329/21:53:25	1ECf
362	330 09:01:20	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09755:41:001F	00-329/21:54:11	1ESf
363	330 09:01:20	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09755:41:002F	00-329/21:54:12	1ECd
364	330 09:01:20	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2660	DTR		09755:41:002F	00-329/21:54:12	1ESd
365	330 09:01:20	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09755:41:002F	00-329/21:54:12	1ECs
366	330 09:02:08	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09755:42:009F	00-329/21:55:00	1ECf
367	330 10:07:44	31				B- UVSLEW			09757:04:001F	00-329/23:00:35	1TB
368	330 10:07:44	31				SLEW TO HELIO-2A			09757:04:001F	00-329/23:00:35	1T
369	330 10:07:44	31				B- PLATPOA			09757:04:001F	00-329/23:00:35	1TB

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 47 DOY 00-325/00:00 - 00-332/00:00

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
386	330 18:20:30	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:2653	DTR		09767:19:735F	00-330/07:13:20	1ESd
387	330 18:20:34	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09767:20:001F	00-330/07:13:23	1ESf
388	330 18:20:34	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09767:20:002F	00-330/07:13:24	1ECs
389	330 18:20:35	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		09767:20:026F	00-330/07:13:25	1ECf
390	330 18:21:22	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09767:21:001F	00-330/07:14:11	1ESf
391	330 18:21:22	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09767:21:002F	00-330/07:14:12	1ECs
392	330 18:21:22	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09767:21:002F	00-330/07:14:12	1ECd
393	330 18:21:22	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2361	DTR		09767:21:002F	00-330/07:14:12	1ESd
394	330 18:22:10	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09767:22:009F	00-330/07:15:00	1ECf

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 47 DOY 00-325/00:00 - 00-332/00:00

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
425	331 03:41:24	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09779:01:001F	00-330/16:34:11	1ESf
426	331 03:41:24	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09779:01:002F	00-330/16:34:12	1ECs
427	331 03:41:24	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09779:01:002F	00-330/16:34:12	1ECd
428	331 03:41:24	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2062	DTR		09779:01:002F	00-330/16:34:12	1ESd
429	331 03:42:12	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09779:02:009F	00-330/16:35:00	1ECf
430	331 05:55:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8522 (D/L ONLY)					2DP
431	331 06:04:37	31			AC7SSB	(3 +012) SS BIAS CONTROL - PITCH	AACS		09782:00:003F	00-330/18:57:24	1ECa
432	331 07:07:39	31	60RISE			10 DEGREE RISE DSC-60					1V
433	331 07:16:58	31	40 SET			10 DEGREE SET DSC-40					1V
434	331 08:15:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8506 (D/L ONLY)					1DP
435	331 09:55:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8522					2DP
436	331 10:07:50	31				B- UVSLEW			09787:04:001F	00-330/23:00:35	1TB
437	331 10:07:50	31				SLEW TO HELIO-1B			09787:04:001F	00-330/23:00:35	1T
438	331 10:07:50	31				B- PLATPOB			09787:04:001F	00-330/23:00:35	1TB
439	331 10:07:50	31			AC7SPK	(1 12 1 131 042) EL SLEW R=LOW	AACS		09787:04:003F	00-330/23:00:36	1ECa
440	331 10:07:50	31			AC7SPK	(2 12 1 229 134) AZ SLEW R=LOW	AACS		09787:04:005F	00-330/23:00:36	1ECa
441	331 10:11:08	31				B- SLEND			09787:08:101F	00-330/23:03:53	1TB
442	331 10:11:08	31			SLEWEND	AZ=309.984 EL=85.002 CO=89.160			09787:08:101F	00-330/23:03:53	1T

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 47 DOY 00-325/00:00 - 00-332/00:00

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
456	331 13:00:38	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09790:40:001F	00-331/01:53:23	1ESf
457	331 13:00:38	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09790:40:002F	00-331/01:53:24	1ECs
458	331 13:00:39	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		09790:40:026F	00-331/01:53:25	1ECf
459	331 13:01:26	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09790:41:001F	00-331/01:54:11	1ESf
460	331 13:01:26	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09790:41:002F	00-331/01:54:12	1ECs
461	331 13:01:26	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09790:41:002F	00-331/01:54:12	1ECd
462	331 13:01:26	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1763	DTR		09790:41:002F	00-331/01:54:12	1ESd
463	331 13:02:14	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09790:42:009F	00-331/01:55:00	1ECf
464	331 13:06:00	32	40	SET		10 DEGREE SET DSC-40					2V
465	331 14:40:08	31	10	RISE		10 DEGREE RISE DSC-10					1V
466	331 16:20:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-8506					1DP

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 47 DOY 00-325/00:00 - 00-332/00:00

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
485	331 22:23:52	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		09802:24:009F	00-331/11:16:36	1ECf
486	331 22:24:36	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09802:24:735F	00-331/11:17:20	1ECd
487	331 22:24:36	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:1756	DTR		09802:24:735F	00-331/11:17:20	1ESd
488	331 22:24:40	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09802:25:001F	00-331/11:17:23	1ESf
489	331 22:24:40	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09802:25:002F	00-331/11:17:24	1ECs
490	331 22:24:41	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		09802:25:026F	00-331/11:17:25	1ECf
491	331 22:25:29	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09802:26:001F	00-331/11:18:11	1ESf
492	331 22:25:29	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09802:26:002F	00-331/11:18:11	1ECs
493	331 22:25:29	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09802:26:002F	00-331/11:18:12	1ECd

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 47 DOY 00-325/00:00 - 00-332/00:00

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
494	331 22:25:29	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1463	DTR		09802:26:002F	00-331/11:18:12	1ESd
495	331 22:26:17	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09802:27:009F	00-331/11:19:00	1ECf
496	332 00:00:00	31				VGR-31 OWLT IS 11H 07M 17S					1L
497	332 00:00:00	32				VGR-32 OWLT IS 08H 45M 54S					2L