

INTEGRATED SEQUENCE FOR JST A042F JSX B115F WEEK 13 DOY 02-084/00:00 - 02-091/00:00

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	084 00:00:00	31				VGR-31 OWLT IS 11H 37M 40S					1L
2	084 00:00:00	32				VGR-32 OWLT IS 09H 16M 10S					2L
3	084 02:38:16	31				B- UVSLEW			24297:04:001F	02-083/15:00:35	1TB
4	084 02:38:16	31				SLEW TO HELIO-7C			24297:04:001F	02-083/15:00:35	1T
5	084 02:38:16	31				B- PLATPOA			24297:04:001F	02-083/15:00:35	1TB
6	084 02:38:16	31			AC7SPK	(1 12 2 094 118) EL SLEW R=LOW	AACS		24297:04:003F	02-083/15:00:36	1ECa
7	084 02:40:11	31				B- SLEND			24297:06:318F	02-083/15:02:30	1TB
8	084 02:40:11	31			SLEWEND	AZ=44.289 EL=138.992 CO=144.054			24297:06:318F	02-083/15:02:30	1T
9	084 05:38:14	32	40	SET		10 DEGREE SET DSC-40					2V
10	084 06:57:01	31	10	RISE		10 DEGREE RISE DSC-10					1V
11	084 08:10:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-8992 (D/L ONLY)					1DP
12	084 08:39:03	31			AC7SSB	(4 +161) SS BIAS CONTROL --- YAW	AACS		24304:35:002F	02-083/21:01:24	1ECa
13	084 10:59:29	31	60	SET		10 DEGREE SET DSC-60					1V
14	084 12:00:00	31				VGR-31 OWLT IS 11H 37M 39S					1L
15	084 12:00:00	32				VGR-32 OWLT IS 09H 16M 09S					2L
16	084 13:39:43	32	40	RISE		10 DEGREE RISE DSC-40					2V
17	084 14:23:46	31	40	RISE		10 DEGREE RISE DSC-40					1V
18	084 15:15:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-9008 (D/L ONLY)					2DP
19	084 16:35:00	31	34	AO	OPCH ACE	AOS DSS-34 PASS-8992 (D/L ONLY)					1DP
20	084 16:55:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-8992					1DP
21	084 18:25:29	31	10	SET		10 DEGREE SET DSC-10					1V
22	084 21:30:00	31	34	LO	OPCH ACE	LOS DSS-34 PASS-8992					1DP
23	084 23:20:18	31	60	RISE		10 DEGREE RISE DSC-60					1V

INTEGRATED SEQUENCE FOR JST A042F JSX B115F WEEK 13 DOY 02-084/00:00 - 02-091/00:00

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	084 23:29:37	31	40	SET		10 DEGREE SET DSC-40					1V
25	085 00:00:00	31				VGR-31 OWLT IS 11H 37M 38S					1L
26	085 00:00:00	32				VGR-32 OWLT IS 09H 16M 07S					2L
27	085 00:20:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-9008					2DP
28	085 00:30:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-8992 (D/L ONLY)					1DP
29	085 02:38:14	31				B- UVSLEW			24327:04:001F	02-084/15:00:35	1TB
30	085 02:38:14	31				SLEW TO HELIO-8C			24327:04:001F	02-084/15:00:35	1T
31	085 02:38:14	31				B- PLATPOA			24327:04:001F	02-084/15:00:35	1TB
32	085 02:38:14	31			AC7SPK	(1 12 1 086 120) EL SLEW R=LOW	AACS		24327:04:003F	02-084/15:00:36	1ECa
33	085 02:40:36	31				B- SLEND			24327:06:768F	02-084/15:02:57	1TB
34	085 02:40:36	31			SLEWEND	AZ=44.289 EL=150.191 CO=155.043			24327:06:768F	02-084/15:02:57	1T
35	085 05:34:23	32	40	SET		10 DEGREE SET DSC-40					2V
36	085 06:32:38	31			AC7SSB	(3 -011) SS BIAS CONTROL - PITCH	AACS		24331:57:003F	02-084/18:55:00	1ECa
37	085 06:53:03	31		10RISE		10 DEGREE RISE DSC-10					1V
38	085 07:30:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-8992					1DP
39	085 07:50:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-8993 (D/L ONLY)					1DP
40	085 10:55:33	31	60	SET		10 DEGREE SET DSC-60					1V
41	085 11:35:00	31	14	AO	OPCH ACE	AOS DSS-14 PASS-8993 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
42	085 11:55:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-8993					1DP
43	085 12:00:00	31				VGR-31 OWLT IS 11H 37M 37S					1L
44	085 12:00:00	32				VGR-32 OWLT IS 09H 16M 06S					2L
45	085 13:35:47	32		40RISE		10 DEGREE RISE DSC-40					2V

INTEGRATED SEQUENCE FOR JST A042F JSX B115F WEEK 13 DOY 02-084/00:00 - 02-091/00:00

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
81	085 18:42:13	31				BEGIN PWSREC.31			24347:09:001F	02-085/07:04:35	1T
82	085 18:42:13	31			SC32AJ	(10) PLS CONFIG CMD	FDS		24347:09:009F	02-085/07:04:36	1ECf
83	085 18:43:01	31				B- DRGS4B			24347:10:001F	02-085/07:05:23	1TB
84	085 18:43:01	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		24347:10:009F	02-085/07:05:24	1ECf
85	085 18:43:45	31				BEGIN RECORDING PWS DATA			24347:10:734F	02-085/07:06:07	1T
86	085 18:43:45	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		24347:10:735F	02-085/07:06:08	1ECd
87	085 18:43:45	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:0250	DTR		24347:10:735F	02-085/07:06:08	1ESd
88	085 18:43:49	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	24347:11:001F	02-085/07:06:11	1ESf
89	085 18:43:49	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		24347:11:002F	02-085/07:06:12	1ECs
90	085 18:43:50	31				B- DRCRUS			24347:11:018F	02-085/07:06:12	1TB
91	085 18:43:50	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		24347:11:026F	02-085/07:06:13	1ECf

INTEGRATED SEQUENCE FOR JST A042F JSX B115F WEEK 13 DOY 02-084/00:00 - 02-091/00:00

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92	085 18:44:37	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	24347:12:001F	02-085/07:06:59	1ESf
93	085 18:44:37	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		24347:12:002F	02-085/07:07:00	1ECd
94	085 18:44:37	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:0543	DTR		24347:12:002F	02-085/07:07:00	1ESd
95	085 18:44:37	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		24347:12:002F	02-085/07:07:00	1ECs
96	085 18:45:25	31			SC32AJ	(11) PLS CONFIG CMD	FDS		24347:13:010F	02-085/07:07:48	1ECf
97	085 18:45:26	31				END PWSREC.31			24347:13:018F	02-085/07:07:48	1T
98	085 20:45:00	32	34	LO	OPCH ACE	LOS DSS-34 PASS-9009					2DP
99	085 23:16:20	31			60RISE	10 DEGREE RISE DSC-60					1V
100	085 23:25:39	31			40 SET	10 DEGREE SET DSC-40					1V
101	086 00:00:00	31				VGR-31 OWLT IS 11H 37M 36S					1L
102	086 00:00:00	32				VGR-32 OWLT IS 09H 16M 04S					2L
103	086 00:30:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-8993 (D/L ONLY)					1DP
104	086 01:44:52	32			AC7SSB	(4 +151) SS BIAS CONTROL --- YAW	AACS		18213:58:003F	02-085/16:28:47	2ECa
105	086 02:38:12	31				B- UVSLEW			24357:04:001F	02-085/15:00:35	1TB
106	086 02:38:12	31				SLEW TO HELIO-9C			24357:04:001F	02-085/15:00:35	1T
107	086 02:38:12	31				B- PLATPOA			24357:04:001F	02-085/15:00:35	1TB
108	086 02:38:12	31			AC7SPK	(1 12 1 079 028) EL SLEW R=LOW	AACS		24357:04:003F	02-085/15:00:36	1ECa
109	086 02:40:21	31				B- SLEND			24357:06:551F	02-085/15:02:44	1TB

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139	086 14:15:56	31	40RISE			10 DEGREE RISE DSC-40					1V
140	086 15:42:59	31				B- RFSTLC			24373:25:001F	02-086/04:05:23	1TB
141	086 16:12:17	31	15	OPCH 15		== START TLC TEST DOWN-LINK ==					1TD
142	086 17:13:17	31	15	OPCH 15		== END TLC TEST DOWN-LINK ==					1TD
143	086 17:25:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8994					1DP
144	086 18:17:38	31	10 SET			10 DEGREE SET DSC-10					1V
145	086 23:12:22	31	60RISE			10 DEGREE RISE DSC-60					1V
146	086 23:21:41	31	40 SET			10 DEGREE SET DSC-40					1V
147	087 00:00:00	31				VGR-31 OWLT IS 11H 37M 35S					1L
148	087 00:00:00	32				VGR-32 OWLT IS 09H 16M 01S					2L
149	087 00:35:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8994 (D/L ONLY)					1DP
150	087 01:25:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9010					2DP
151	087 02:38:11	31				B- UVSLEW			24387:04:001F	02-086/15:00:35	1TB
152	087 02:38:11	31				SLEW TO HELIO-10C			24387:04:001F	02-086/15:00:35	1T
153	087 02:38:11	31				B- PLATPOA			24387:04:001F	02-086/15:00:35	1TB
154	087 02:38:11	31			AC7SPK	(1 12 1 071 142) EL SLEW R=LOW	AACS		24387:04:003F	02-086/15:00:36	1ECa
155	087 02:40:39	31				B- SLEND			24387:07:068F	02-086/15:03:03	1TB
156	087 02:40:39	31			SLEWEND	AZ=44.289 EL=172.024 CO=174.316			24387:07:068F	02-086/15:03:03	1T
157	087 05:26:41	32	40 SET			10 DEGREE SET DSC-40					2V
158	087 06:45:07	31	10RISE			10 DEGREE RISE DSC-10					1V
159	087 07:25:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8994					1DP

INTEGRATED SEQUENCE FOR JST A042F JSX B115F WEEK 13 DOY 02-084/00:00 - 02-091/00:00

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194	087 16:20:34	31				B- MISCMD			24404:12:001F	02-087/04:42:59	1TB
195	087 16:20:34	31				MISCMD - SWITCH TO HYBIC1			24404:12:001F	02-087/04:42:59	1T
196	087 16:20:34	31			CC7PC	(315) HYBIC 2 OFF 1 ON	AACS		24404:12:003F	02-087/04:43:00	1ECa
197	087 16:20:37	31			CC7H2RP	HYBIC 2 MAJOR POWER SUPPLY OFF	PWR		24404:12:048F	02-087/04:43:02	1ECp
198	087 16:20:37	31			CC7H2RP	HYBIC 2 MAJOR POWER SUPPLY OFF	PWR		24404:12:050F	02-087/04:43:02	1ECp
199	087 16:20:37	31			CC7H1P	HYBIC 1 MAJOR POWER SUPPLY ON	PWR		24404:12:056F	02-087/04:43:03	1ECp
200	087 16:20:37	31				AACS STATUS MODE : AAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		24404:12:056F	02-087/04:43:03	1ESa
201	087 16:20:37	31			CC7H1P	HYBIC 1 MAJOR POWER SUPPLY ON	PWR		24404:12:058F	02-087/04:43:03	1ECp
202	087 16:20:38	31		ACE OPCH		FDS STATUS EL-40/X40/S40 MEM:PA/FDS11	FDS	CE-40	24404:12:064F	02-087/04:43:03	1ESf
203	087 16:20:38	31		ACE OPCH		FDS STATUS EL-40/X40/S40 MEM:PA/FDS11	FDS	CE-40	24404:12:067F	02-087/04:43:03	1ESf
204	087 16:20:38	31			CC6AD	(3 2 0 0) SVC-W4 FDS MEM B WRT PROTECT	FDS		24404:12:073F	02-087/04:43:04	1ECf
205	087 16:20:38	31		ACE OPCH		FDS STATUS EL-40/X40/S40 MEM:PA/FDS11	FDS	CE-40	24404:12:073F	02-087/04:43:04	1ESf
206	087 16:20:38	31			CC6AD	(3 2 0 0) SVC-W4 FDS MEM B WRT PROTECT	FDS		24404:12:075F	02-087/04:43:04	1ECf

INTEGRATED SEQUENCE FOR JST A042F JSX B115F WEEK 13 DOY 02-084/00:00 - 02-091/00:00

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207	087 16:20:38	31		ACE OPCH		FDS STATUS EL-40/X40/S40 MEM:PA/FDS11	FDS	CE-40	24404:12:075F	02-087/04:43:04	1ESf
208	087 16:20:42	31			CC7CT	(01) CST CONE ANGLE (97-108 DEG)	AACS		24404:12:135F	02-087/04:43:08	1ECa
209	087 16:20:42	31			AC7PAR	(7236 000542) PARAMETER LOAD	AACS		24404:12:138F	02-087/04:43:08	1ECa
210	087 16:20:42	31			AC7PAR	(7237 000672) PARAMETER LOAD	AACS		24404:12:139F	02-087/04:43:08	1ECa
211	087 16:22:58	31				B- MISCMD			24404:15:001F	02-087/04:45:23	1TB
212	087 16:22:58	31				MISCMD - ENABLE TCAPUF			24404:15:001F	02-087/04:45:23	1T
213	087 16:23:46	31				B- MISCMD			24404:16:001F	02-087/04:46:11	1TB
214	087 16:23:46	31				MISCMD - CST HIGH GATE			24404:16:001F	02-087/04:46:11	1T
215	087 16:23:46	31				B- MISCMD			24404:16:001F	02-087/04:46:11	1TB
216	087 16:23:46	31				MISCMD - CST LOW GATE			24404:16:001F	02-087/04:46:11	1T
217	087 16:23:46	31				B- MISCMD			24404:16:001F	02-087/04:46:11	1TB
218	087 16:23:46	31				MISCMD - BIAS OFFSET PATCH			24404:16:001F	02-087/04:46:11	1T
219	087 16:23:46	31				B- MISCMD			24404:16:001F	02-087/04:46:11	1TB
220	087 16:23:46	31				MISCMD - BIAS OFFSET PATCH			24404:16:001F	02-087/04:46:11	1T
221	087 16:23:46	31				B- MISCMD			24404:16:001F	02-087/04:46:11	1TB
222	087 16:23:46	31				MISCMD - REPLACE CONFIG2			24404:16:001F	02-087/04:46:11	1T
223	087 16:23:46	31				B- MISCMD			24404:16:001F	02-087/04:46:11	1TB
224	087 16:23:46	31				MISCMD - REPLACE CONFIG2			24404:16:001F	02-087/04:46:11	1T
225	087 16:23:46	31				B- MISCMD			24404:16:001F	02-087/04:46:11	1TB
226	087 16:23:46	31				MISCMD - REPLACE CONFIG2			24404:16:001F	02-087/04:46:11	1T
227	087 16:23:46	31			AC7PAR	(1550 777771) PARAMETER LOAD	AACS		24404:16:007F	02-087/04:46:12	1ECa

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246	087 17:03:46	31			AC7MLD	(7400) MISC LOGIC CNTL MEM DUMP	AACS		24405:06:003F	02-087/05:26:12	1ECa
247	087 17:04:34	31				B- MISCMD			24405:07:001F	02-087/05:26:59	1TB
248	087 17:04:34	31				MISCMD - EL			24405:07:001F	02-087/05:26:59	1T
249	087 17:04:34	31			SC06BB	(32 0 07 0) FDS MODE TO: EL-40 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		24405:07:009F	02-087/05:27:00	1ECf
250	087 17:05:22	31				B- MISCMD			24405:08:001F	02-087/05:27:47	1TB
251	087 17:05:22	31				MISCMD - SUN ACQUIRE			24405:08:001F	02-087/05:27:47	1T
252	087 17:05:22	31		ACE OPCH		FDS STATUS EL-40/X40/S40 MEM:PA/FDS11	FDS	CE-40	24405:08:001F	02-087/05:27:47	1ESf
253	087 17:05:22	31			CC7SS	(1) SS SEARCH ENABLE	AACS		24405:08:002F	02-087/05:27:47	1ECa
254	087 17:05:22	31				AACS STATUS MODE : RAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		24405:08:002F	02-087/05:27:47	1ESa
255	087 17:05:22	31			CC7PC	(327) IDET ACQUIRED	AACS		24405:08:003F	02-087/05:27:48	1ECa
256	087 17:05:22	31			CC7GCRP	GYRO C OFF	PWR		24405:08:003F	02-087/05:27:48	1ECp
257	087 17:05:22	31			CC7GCRP	GYRO C OFF	PWR		24405:08:005F	02-087/05:27:48	1ECp
258	087 17:05:22	31			CC7PC	(372) GYRO C OFF	AACS		24405:08:007F	02-087/05:27:48	1ECa
259	087 17:05:22	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		24405:08:008F	02-087/05:27:48	1ECp
260	087 17:05:22	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		24405:08:010F	02-087/05:27:48	1ECp
261	087 17:05:23	31			CC7PC	(312) DUMMY PWR CMD	AACS		24405:08:012F	02-087/05:27:48	1ECa
262	087 17:12:34	31				B- MISCMD			24405:17:001F	02-087/05:34:59	1TB

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263	087 17:12:34	31				MISCMD - STAR ACQUIRE			24405:17:001F	02-087/05:34:59	1T
264	087 17:12:34	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		24405:17:002F	02-087/05:34:59	1ECa
265	087 17:13:39	31				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		24405:18:285F	02-087/05:36:04	1ESa
266	087 17:13:39	31			CC7PC	(307) STAR ACQUIRED	AACS		24405:18:286F	02-087/05:36:05	1ECa
267	087 17:13:39	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		24405:18:286F	02-087/05:36:05	1ECp
268	087 17:13:39	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		24405:18:288F	02-087/05:36:05	1ECp
269	087 17:13:39	31			CC7PC	(312) DUMMY PWR CMD	AACS		24405:18:290F	02-087/05:36:05	1ECa
270	087 17:15:46	31				B- MISCMD			24405:21:001F	02-087/05:38:11	1TB
271	087 17:15:46	31				MISCMD - CURR SS BIAS			24405:21:001F	02-087/05:38:11	1T
272	087 17:15:46	31			AC7SSB	(3 -011) SS BIAS CONTROL - PITCH	AACS		24405:21:003F	02-087/05:38:12	1ECa
273	087 17:16:34	31				B- MISCMD			24405:22:001F	02-087/05:38:59	1TB
274	087 17:16:34	31				MISCMD - CURR SS BIAS			24405:22:001F	02-087/05:38:59	1T
275	087 17:16:34	31			AC7SSB	(4 +161) SS BIAS CONTROL --- YAW	AACS		24405:22:003F	02-087/05:39:00	1ECa
276	087 17:25:22	31				B- ASCAL.8			24405:33:001F	02-087/05:47:47	1TB
277	087 17:25:22	31				.05 ALL AXES DEADBAND			24405:33:001F	02-087/05:47:47	1T
278	087 17:25:22	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		24405:33:003F	02-087/05:47:48	1ECa
279	087 17:41:22	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		24405:53:002F	02-087/06:03:48	1ECa
280	087 17:41:22	31				AACS STATUS MODE : AAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		24405:53:002F	02-087/06:03:48	1ESa

INTEGRATED SEQUENCE FOR JST A042F JSX B115F WEEK 13 DOY 02-084/00:00 - 02-091/00:00

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
281	087 17:41:22	31			CC7GCRP	GYRO C OFF	PWR		24405:53:003F	02-087/06:03:48	1ECp
282	087 17:41:22	31			CC7GCRP	GYRO C OFF	PWR		24405:53:005F	02-087/06:03:48	1ECp
283	087 17:41:22	31			CC7PC	(372) GYRO C OFF	AACS		24405:53:007F	02-087/06:03:48	1ECa
284	087 17:41:22	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		24405:53:008F	02-087/06:03:48	1ECp
285	087 17:41:22	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		24405:53:010F	02-087/06:03:48	1ECp
286	087 17:41:23	31			CC7PC	(312) DUMMY PWR CMD	AACS		24405:53:012F	02-087/06:03:48	1ECa
287	087 17:42:10	31				START FIRST YAW DRIFT TURN			24405:54:001F	02-087/06:04:35	1T
288	087 17:42:10	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		24405:54:004F	02-087/06:04:36	1ECa
289	087 17:50:10	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		24406:04:004F	02-087/06:12:36	1ECa
290	087 18:06:10	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		24406:24:004F	02-087/06:28:36	1ECa
291	087 18:13:42	31	10 SET			10 DEGREE SET DSC-10					1V
292	087 18:14:10	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		24406:34:004F	02-087/06:36:36	1ECa
293	087 18:14:11	31				END THIRD YAW DRIFT TURN			24406:34:018F	02-087/06:36:36	1T
294	087 18:14:58	31				START FIRST PITCH DRIFT TURN			24406:35:001F	02-087/06:37:23	1T
295	087 18:14:58	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		24406:35:004F	02-087/06:37:24	1ECa
296	087 18:22:58	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		24406:45:004F	02-087/06:45:24	1ECa
297	087 18:38:58	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		24407:05:004F	02-087/07:01:24	1ECa
298	087 18:46:58	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		24407:15:004F	02-087/07:09:24	1ECa
299	087 18:46:59	31				END THIRD PITCH DRIFT TURN			24407:15:018F	02-087/07:09:24	1T
300	087 18:49:22	31			CC7SS	(1) SS SEARCH ENABLE	AACS		24407:18:002F	02-087/07:11:47	1ECa
301	087 18:49:22	31				AACS STATUS MODE : RAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS	24407:18:002F	02-087/07:11:47	1ESa	

INTEGRATED SEQUENCE FOR JST A042F JSX B115F WEEK 13 DOY 02-084/00:00 - 02-091/00:00

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
319	087 19:11:46	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		24407:46:009F	02-087/07:34:12	1ECf
320	087 19:12:34	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	24407:47:001F	02-087/07:34:59	1ESf
321	087 19:12:34	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		24407:47:002F	02-087/07:34:59	1ECs
322	087 19:27:46	31				YAW10			24408:06:001F	02-087/07:50:11	1T
323	087 19:27:46	31				ROLL25			24408:06:001F	02-087/07:50:11	1T
324	087 19:27:46	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		24408:06:004F	02-087/07:50:12	1ECa
325	087 19:27:46	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		24408:06:006F	02-087/07:50:12	1ECa
326	087 19:27:47	31	FAILUR	OPCH	FAI	END ASCAL					1TD
327	087 19:30:57	31				CCS DRIBBLE R/O			24408:09:784F	02-087/07:53:22	1T
328	087 19:30:57	31				B- PASS.2			24408:09:784F	02-087/07:53:22	1TB
329	087 19:30:58	31				B- PASS.3			24408:10:001F	02-087/07:53:23	1TB
330	087 19:31:45	31				B- PASS.2			24408:10:784F	02-087/07:54:10	1TB
331	087 19:31:46	31				B- PASS.3			24408:11:001F	02-087/07:54:11	1TB
332	087 20:00:00	31	45 LO	OPCH	ACE	LOS DSS-45 PASS-8995					1DP
333	087 23:08:24	31	60RISE			10 DEGREE RISE DSC-60					1V
334	087 23:15:00	31	43 LO	OPCH	ACE	LOS DSS-43 PASS-8995					1DP
335	087 23:17:43	31	40 SET			10 DEGREE SET 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
336	087 23:30:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9011					2DP
337	088 00:00:00	31				VGR-31 OWLT IS 11H 37M 33S					1L
338	088 00:00:00	32				VGR-32 OWLT IS 09H 15M 58S					2L
339	088 00:30:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8995 (D/L ONLY)					1DP
340	088 02:38:09	31				B- UVSLEW			24417:04:001F	02-087/15:00:35	1TB
341	088 02:38:09	31				SLEW TO MIDPNT-C			24417:04:001F	02-087/15:00:35	1T
342	088 02:38:09	31				B- PLATPOB			24417:04:001F	02-087/15:00:35	1TB
343	088 02:38:09	31			AC7SPK	(1 12 1 093 214) EL SLEW R=LOW	AACS		24417:04:003F	02-087/15:00:36	1ECa
344	088 02:38:09	31			AC7SPK	(2 12 1 113 116) AZ SLEW R=LOW	AACS		24417:04:005F	02-087/15:00:36	1ECa
345	088 03:05:11	31				B- SLEND			24417:37:634F	02-087/15:27:37	1TB
346	088 03:05:11	31			SLEWEND	AZ=144.752 EL=140.021 CO=133.870			24417:37:634F	02-087/15:27:37	1T
347	088 05:22:50	32	40 SET			10 DEGREE SET DSC-40					2V
348	088 06:41:10	31	10RISE			10 DEGREE RISE DSC-10					1V
349	088 06:55:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8995					1DP
350	088 07:40:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8996 (D/L ONLY)					1DP
351	088 10:43:47	31	60 SET			10 DEGREE SET DSC-60					1V
352	088 12:00:00	31				VGR-31 OWLT IS 11H 37M 33S					1L
353	088 12:00:00	32				VGR-32 OWLT IS 09H 15M 56S					2L
354	088 13:10:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9012 (D/L ONLY)					2DP
355	088 13:23:56	32	40RISE			10 DEGREE RISE DSC-40					2V
356	088 14:08:05	31	40RISE			10 DEGREE RISE DSC-40					1V
357	088 14:10:00	31	43 AO	OPCH ACE		AOS DSS-43 PASS-8996 (U/L PASS)					1DP
358	088 14:30:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8996					1DP

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359	088 17:55:00	31 34	AO	OPCH ACE		AOS DSS-34 PASS-8996 (D/L ONLY)					1DP
360	088 18:09:47	31 10	SET			10 DEGREE SET DSC-10					1V
361	088 18:15:00	31 43	LO	OPCH ACE		LOS DSS-43 PASS-8996					1DP
362	088 18:15:00	32 45	LO	OPCH ACE		LOS DSS-45 PASS-9012					2DP
363	088 20:45:00	31 34	LO	OPCH ACE		LOS DSS-34 PASS-8996					1DP
364	088 21:41:20	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		24440:53:002F	02-088/10:03:48	1ECd
365	088 21:41:20	31					DTR		24440:53:002F	02-088/10:03:48	1ESd
						DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0549					
366	088 23:04:26	31	60RISE			10 DEGREE RISE DSC-60					1V
367	088 23:13:45	31 40	SET			10 DEGREE SET DSC-40					1V
368	088 23:46:23	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		24443:29:256F	02-088/12:08:51	1ECd
369	088 23:46:23	31									
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3251					

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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
385	089 00:43:45	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		24444:41:026F	02-088/13:06:13	1ECf
386	089 00:44:32	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	24444:42:001F	02-088/13:06:59	1ESf
387	089 00:44:32	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		24444:42:002F	02-088/13:07:00	1ECd
388	089 00:44:32	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:3543	DTR		24444:42:002F	02-088/13:07:00	1ESd
389	089 00:44:32	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		24444:42:002F	02-088/13:07:00	1ECs
390	089 00:45:20	31			SC32AJ	(11) PLS CONFIG CMD	FDS		24444:43:009F	02-088/13:07:48	1ECf
391	089 02:38:08	31				B- UVSLEW			24447:04:001F	02-088/15:00:35	1TB
392	089 02:38:08	31				SLEW TO HELIO-11C			24447:04:001F	02-088/15:00:35	1T
393	089 02:38:08	31				B- PLATPOB			24447:04:001F	02-088/15:00:35	1TB
394	089 02:38:08	31			AC7SPK	(2 12 2 168 138) AZ SLEW R=LOW	AACS		24447:04:003F	02-088/15:00:36	1ECa
395	089 02:38:08	31			AC7SPK	(1 12 2 068 139) EL SLEW R=LOW	AACS		24447:04:005F	02-088/15:00:36	1ECa
396	089 02:43:06	32			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		18305:11:001F	02-088/17:27:11	2ECd
397	089 02:43:06	32				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2939	DTR		18305:11:001F	02-088/17:27:11	2ESd
398	089 02:43:45	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		18305:11:659F	02-088/17:27:51	2ECd

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412	089 05:43:06	32				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2954	DTR		18308:56:001F	02-088/20:27:11	2ESd
413	089 05:43:54	32				BHEL11 PWSREC 03			18308:57:001F	02-088/20:27:59	2T
414	089 05:43:54	32				B- PWSREC			18308:57:001F	02-088/20:27:59	2TB
415	089 05:43:54	32				BEGIN PWSREC			18308:57:001F	02-088/20:27:59	2T
416	089 05:43:54	32				B- DRGS4B			18308:57:001F	02-088/20:27:59	2TB
417	089 05:43:54	32			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		18308:57:009F	02-088/20:28:00	2ECf
418	089 05:44:38	32				BEGIN RECORDING PWS DATA			18308:57:734F	02-088/20:28:43	2T
419	089 05:44:38	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		18308:57:735F	02-088/20:28:43	2ECd
420	089 05:44:38	32				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:2954	DTR		18308:57:735F	02-088/20:28:43	2ESd
421	089 05:44:42	32		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PB/FDS11 SA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	18308:58:001F	02-088/20:28:47	2ESf
422	089 05:44:42	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		18308:58:002F	02-088/20:28:47	2ECs
423	089 05:44:43	32				B- DRCRUS			18308:58:018F	02-088/20:28:48	2TB

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424	089 05:44:43	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		18308:58:025F	02-088/20:28:49	2ECf
425	089 05:45:30	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	18308:59:001F	02-088/20:29:35	2ESf
426	089 05:45:30	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		18308:59:001F	02-088/20:29:35	2ECd
427	089 05:45:30	32				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2663 24451:25:0 2F02-088/18:13:241ESd432 08.426:37:12					

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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
436	089 08:05:46	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2939	DTR		18311:54:291F	02-088/22:49:53	2ESd
437	089 08:10:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8996					1DP
438	089 10:39:52	31	60 SET			10 DEGREE SET DSC-60					1V
439	089 10:52:41	32			CC16C	(7013) DTR STATE SELECT: READY	DTR		18315:23:001F	02-089/01:36:47	2ECd
440	089 10:52:41	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2939	DTR		18315:23:001F	02-089/01:36:47	2ESd
441	089 12:00:00	31				VGR-31 OWLT IS 11H 37M 31S					1L
442	089 12:00:00	32				VGR-32 OWLT IS 09H 15M 53S					2L
443	089 12:47:43	31			AC7SSB	(4 +160) SS BIAS CONTROL --- YAW	AACS		24459:46:003F	02-089/01:10:12	1ECa
444	089 13:10:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9013 (D/L ONLY)					2DP
445	089 13:19:59	32	40RISE			10 DEGREE RISE DSC-40					2V
446	089 14:04:10	31	40RISE			10 DEGREE RISE DSC-40					1V
447	089 16:15:00	31	34 AO	OPCH ACE		AOS DSS-34 PASS-8997 (D/L ONLY)					1DP
448	089 17:59:52	32				B- MISCMD			18324:17:001F	02-089/08:43:59	2TB
449	089 17:59:52	32				MISCMD - Gyro Init			18324:17:001F	02-089/08:43:59	2T
450	089 17:59:52	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		18324:17:001F	02-089/08:43:59	2ECa
451	089 18:05:51	31	10 SET			10 DEGREE SET DSC-10					1V
452	089 21:00:00	31	34 LO	OPCH ACE		LOS DSS-34 PASS-8997					1DP
453	089 22:50:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8997 (D/L ONLY)					1DP
454	089 23:00:28	31	60RISE			10 DEGREE RISE DSC-60					1V

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455	089 23:09:47	31	40 SET			10 DEGREE SET DSC-40					1V
456	090 00:00:00	31				VGR-31 OWLT IS 11H 37M 30S					1L
457	090 00:00:00	32				VGR-32 OWLT IS 09H 15M 51S					2L
458	090 02:38:06	31				B- UVSLEW			24477:04:001F	02-089/15:00:35	1TB
459	090 02:38:06	31				SLEW TO HELIO-12C			24477:04:001F	02-089/15:00:35	1T
460	090 02:38:06	31				B- PLATPOB			24477:04:001F	02-089/15:00:35	1TB
461	090 02:38:06	31			AC7SPK	(1 12 1 076 107) EL SLEW R=LOW	AACS		24477:04:003F	02-089/15:00:36	1ECa
462	090 02:38:06	31			AC7SPL	(2 12 2 255 137) AZ SLEW R=LOW	AACS		24477:04:005F	02-089/15:00:36	1ECa
463	090 02:40:28	31				B- SLEND			24477:06:768F	02-089/15:02:57	1TB
464	090 02:40:28	31			SLEWEND	AZ=223.968 EL=165.546 CO=159.497			24477:06:768F	02-089/15:02:57	1T
465	090 04:50:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9013					2DP
466	090 05:15:08	32	40 SET			10 DEGREE SET DSC-40					2V
467	090 06:33:14	31	10RISE			10 DEGREE RISE DSC-10					1V
468	090 07:25:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8997					1DP
469	090 10:35:57	31	60 SET			10 DEGREE SET DSC-60					1V
470	090 12:00:00	31				VGR-31 OWLT IS 11H 37M 30S					1L
471	090 12:00:00	32				VGR-32 OWLT IS 09H 15M 50S					2L
472	090 13:16:02	32	40RISE			10 DEGREE RISE DSC-40					2V
473	090 14:00:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9014 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
474	090 14:00:14	31	40RISE			10 DEGREE RISE DSC-40					1V
475	090 14:55:00	31	43 AO	OPCH ACE		AOS DSS-43 PASS-8998 (D/L ONLY)					1DP
476	090 18:01:55	31	10 SET			10 DEGREE SET DSC-10					1V
477	090 18:50:13	32			AC7SSB	(4 +150) SS BIAS CONTROL --- YAW	AACS		18355:20:002F	02-090/09:34:23	2ECa

INTEGRATED SEQUENCE FOR JST A042F JSX B115F WEEK 13 DOY 02-084/00:00 - 02-091/00:00

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
478	090 21:45:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9014					2DP
479	090 22:56:30	31	60RISE			10 DEGREE RISE DSC-60					1V
480	090 23:05:00	31	43 LO	OPCH ACE		LOS DSS-43 PASS-8998					1DP
481	090 23:05:49	31	40 SET			10 DEGREE SET DSC-40					1V
482	091 00:00:00	31				VGR-31 OWLT IS 11H 37M 29S					1L
483	091 00:00:00	32				VGR-32 OWLT IS 09H 15M 48S					2L