

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 35 DOY 02-238/00:00 - 02-245/00:00

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	238 18:33:12	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2634	DTR		22794:53:205F	02-238/09:13:00	2ESd
25	238 18:33:12	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	22794:53:205F	02-238/09:13:00	2ESf
26	238 19:02:36	32				BEGIN MINI-SEQ B117--LOCK STAR:V			22795:30:001F	02-238/09:42:23	2T
27	238 19:05:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9162					2DP
28	238 19:27:52	32	40 SET			10 DEGREE SET DSC-40					2V
29	238 20:42:36	31	10RISE			10 DEGREE RISE DSC-10					1V
30	238 22:20:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9147 (D/L ONLY)					1DP
31	239 00:00:00	31				VGR-31 OWLT IS 11H 51M 55S					1L
32	239 00:00:00	32				VGR-32 OWLT IS 09H 20M 14S					2L
33	239 00:45:34	31	60 SET			10 DEGREE SET DSC-60					1V
34	239 02:52:32	31				B- UVSLEW			28947:04:001F	02-238/15:00:35	1TB
35	239 02:52:32	31				SLEW TO HELIO-8A			28947:04:001F	02-238/15:00:35	1T
36	239 02:52:32	31				B- PLATPOA			28947:04:001F	02-238/15:00:35	1TB
37	239 02:52:32	31			AC7SPK	(1 12 1 086 126) EL SLEW R=LOW	AACS		28947:04:003F	02-238/15:00:36	1ECa
38	239 02:54:43	31				B- SLEND			28947:06:584F	02-238/15:02:46	1TB
39	239 02:54:43	31			SLEWEND	AZ=299.953 EL=150.019 CO=153.372			28947:06:584F	02-238/15:02:46	1T
40	239 03:16:53	32	40RISE			10 DEGREE RISE DSC-40					2V
41	239 04:09:52	31	40RISE			10 DEGREE RISE DSC-40					1V
42	239 05:45:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9147					1DP

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 35 DOY 02-238/00:00 - 02-245/00:00

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
43	239 06:45:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9163 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
44	239 08:11:31	31	10 SET			10 DEGREE SET DSC-10					1V
45	239 08:56:06	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESF
46	239 08:56:06	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
47	239 08:56:54	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESF
48	239 08:56:54	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
49	239 09:00:18	32				BEGIN PWSREC			22812:57:001F	02-238/23:39:59	2T
50	239 09:00:18	32				B- DRGS4B			22812:57:001F	02-238/23:39:59	2TB
51	239 09:00:18	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		22812:57:009F	02-238/23:40:00	2ECF
52	239 09:01:02	32				BEGIN RECORDING PWS DATA			22812:57:734F	02-238/23:40:43	2T
53	239 09:01:02	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		22812:57:735F	02-238/23:40:43	2ECd
54	239 09:01:02	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:2634	DTR		22812:57:735F	02-238/23:40:43	2ESd

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 35 DOY 02-238/00:00 - 02-245/00:00

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
77	239 10:10:12	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		28956:11:002F	02-238/22:18:12	1ECs
78	239 10:10:13	31				B- DRCRUS			28956:11:018F	02-238/22:18:12	1TB
79	239 10:10:13	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		28956:11:026F	02-238/22:18:13	1ECf
80	239 10:11:00	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	28956:12:001F	02-238/22:18:59	1ESf
81	239 10:11:00	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		28956:12:002F	02-238/22:19:00	1ECd
82	239 10:11:00	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:0842	DTR		28956:12:002F	02-238/22:19:00	1ESd
83	239 10:11:00	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		28956:12:002F	02-238/22:19:00	1ECs
84	239 10:11:48	31			SC32AJ	(11) PLS CONFIG CMD	FDS		28956:13:009F	02-238/22:19:48	1ECf
85	239 10:11:49	31				END PWSREC.31			28956:13:018F	02-238/22:19:48	1T
86	239 12:00:00	31				VGR-31 OWLT IS 11H 52M 00S					1L
87	239 12:00:00	32				VGR-32 OWLT IS 09H 20M 19S					2L
88	239 13:05:53	31	60RISE			10 DEGREE RISE DSC-60					1V
89	239 13:15:12	31	40 SET			10 DEGREE SET DSC-40					1V
90	239 13:45:25	31			AC7SSB	(3 +015) SS BIAS CONTROL - PITCH	AACS		28960:40:003F	02-239/01:53:24	1ECa

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 35 DOY 02-238/00:00 - 02-245/00:00

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
91	239 16:10:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9147 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
92	239 18:50:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9163					2DP
93	239 19:23:53	32	40 SET			10 DEGREE SET DSC-40					2V
94	239 19:25:00	31	63	OPCH 63		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
95	239 19:25:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
96	239 19:26:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
97	239 19:27:00	31	63	OPCH 63		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
98	239 19:52:00	31	63	OPCH 63		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
99	239 19:55:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9147					1DP
100	239 20:31:05	31				B- MISCMD			28969:07:001F	02-239/08:38:59	1TB
101	239 20:31:05	31				MISCMD - GYRO INIT			28969:07:001F	02-239/08:38:59	1T
102	239 20:31:05	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		28969:07:002F	02-239/08:39:00	1ECa
103	239 20:38:41	31	10RISE			10 DEGREE RISE DSC-10					1V

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 35 DOY 02-238/00:00 - 02-245/00:00

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
104	239 21:45:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9148 (D/L ONLY)					1DP
105	240 00:00:00	31				VGR-31 OWLT IS 11H 52M 06S					1L
106	240 00:00:00	32				VGR-32 OWLT IS 09H 20M 24S					2L
107	240 00:41:37	31	60 SET			10 DEGREE SET DSC-60					1V
108	240 02:52:44	31				B- UVSLEW			28977:04:001F	02-239/15:00:35	1TB
109	240 02:52:44	31				SLEW TO HELIO-7A			28977:04:001F	02-239/15:00:35	1T
110	240 02:52:44	31				B- PLATPOA			28977:04:001F	02-239/15:00:35	1TB
111	240 02:52:44	31			AC7SPK	(1 12 2 094 117) EL SLEW R=LOW	AACS		28977:04:003F	02-239/15:00:36	1ECa
112	240 02:55:04	31				B- SLEND			28977:06:734F	02-239/15:02:55	1TB
113	240 02:55:04	31			SLEWEND	AZ=299.953 EL=139.020 CO=142.529			28977:06:734F	02-239/15:02:55	1T
114	240 03:12:54	32	40RISE			10 DEGREE RISE DSC-40					2V
115	240 04:05:54	31	40RISE			10 DEGREE RISE DSC-40					1V
116	240 07:05:00	31	43 AO	OPCH ACE		AOS DSS-43 PASS-9148 (D/L ONLY)					1DP
117	240 07:10:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9148					1DP
118	240 08:07:34	31	10 SET			10 DEGREE SET DSC-10					1V
119	240 09:40:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9164 (D/L ONLY)					2DP
120	240 10:18:52	32			AC7SSB	(4 +179) SS BIAS CONTROL --- YAW	AACS		22844:35:003F	02-240/00:58:23	2ECa
121	240 12:00:00	31				VGR-31 OWLT IS 11H 52M 12S					1L
122	240 12:00:00	32				VGR-32 OWLT IS 09H 20M 29S					2L
123	240 13:01:58	31	60RISE			10 DEGREE RISE DSC-60					1V
124	240 13:11:17	31	40 SET			10 DEGREE SET DSC-40					1V
125	240 13:15:00	31	43 LO	OPCH ACE		LOS DSS-43 PASS-9148					1DP
126	240 14:35:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9148 (D/L ONLY)					1DP

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 35 DOY 02-238/00:00 - 02-245/00:00

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
127	240 18:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9148 (D/L ONLY)					1DP
128	240 18:50:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9164					2DP
129	240 19:05:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9148					1DP
130	240 19:19:53	32	40 SET			10 DEGREE SET DSC-40					2V
131	240 19:36:25	31	63	OPCH 63		== START TLC TEST DOWN-LINK ==					1TD
132	240 20:34:46	31	10RISE			10 DEGREE RISE DSC-10					1V
133	240 20:37:25	31	63	OPCH 63		== END TLC TEST DOWN-LINK ==					1TD
134	241 00:00:00	31				VGR-31 OWLT IS 11H 52M 18S					1L
135	241 00:00:00	32				VGR-32 OWLT IS 09H 20M 34S					2L
136	241 00:35:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9148					1DP
137	241 00:37:39	31	60 SET			10 DEGREE SET DSC-60					1V
138	241 01:20:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9149 (D/L ONLY)					1DP
139	241 02:52:56	31				B- UVSLEW			29007:04:001F	02-240/15:00:35	1TB
140	241 02:52:56	31				SLEW TO HELIO-6A			29007:04:001F	02-240/15:00:35	1T
141	241 02:52:56	31				B- PLATPOA			29007:04:001F	02-240/15:00:35	1TB
142	241 02:52:56	31			AC7SPK	(1 12 2 100 170) EL SLEW R=LOW	AACS		29007:04:003F	02-240/15:00:36	1ECa
143	241 02:54:51	31				B- SLEND			29007:06:318F	02-240/15:02:30	1TB
144	241 02:54:51	31			SLEWEND	AZ=299.953 EL=130.019 CO=133.603			29007:06:318F	02-240/15:02:30	1T
145	241 03:08:55	32	40RISE			10 DEGREE RISE DSC-40					2V
146	241 04:01:57	31	40RISE			10 DEGREE RISE DSC-40					1V
147	241 06:02:33	31			AC7SSB	(4 +140) SS BIAS CONTROL --- YAW	AACS		29011:01:002F	02-240/18:10:12	1ECa

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 35 DOY 02-238/00:00 - 02-245/00:00

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	241 07:05:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9149					1DP
149	241 07:05:00	31	34 AO	OPCH ACE		AOS DSS-34 PASS-9149 (D/L ONLY)					1DP
150	241 07:05:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9165 (D/L ONLY)					2DP
151	241 08:03:37	31	10 SET			10 DEGREE SET DSC-10					1V
152	241 11:05:00	31	34 LO	OPCH ACE		LOS DSS-34 PASS-9149					1DP
153	241 12:00:00	31				VGR-31 OWLT IS 11H 52M 24S					1L
154	241 12:00:00	32				VGR-32 OWLT IS 09H 20M 39S					2L
155	241 12:58:03	31	60RISE			10 DEGREE RISE DSC-60					1V
156	241 13:00:38	32				B- PASS.2			22877:56:784F	02-241/03:39:58	2TB
157	241 13:00:39	32				B- MISCMD			22877:57:001F	02-241/03:39:59	2TB
158	241 13:00:39	32				MISCMD - GYROS AAC ON			22877:57:001F	02-241/03:39:59	2T
159	241 13:00:39	32				B- MEMUPD			22877:57:001F	02-241/03:39:59	2TB
160	241 13:00:39	32				MEMUPD - SELECT AAB GYROS			22877:57:001F	02-241/03:39:59	2T
161	241 13:00:39	32			AC7GYP	(100) DRIRU PATTERN CONTROL GYRO/AXIS=A/PITCH & YAW C/ROLL	AACS		22877:57:003F	02-241/03:39:59	2ECa
162	241 13:00:39	32			CC7GBRP	GYRO B OFF	PWR		22877:57:003F	02-241/03:39:59	2ECp
163	241 13:00:39	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: OFF	AACS	22877:57:003F	02-241/03:39:59	2ESa	
164	241 13:00:39	32			CC7GBRP	GYRO B OFF	PWR		22877:57:005F	02-241/03:40:00	2ECp
165	241 13:00:39	32			CC7PC	(362) GYRO B OFF	AACS		22877:57:008F	02-241/03:40:00	2ECa
166	241 13:00:39	32			CC7GCP	GYRO C ON	PWR		22877:57:008F	02-241/03:40:00	2ECp

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167	241 13:00:39	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: ON	AACS		22877:57:008F	02-241/03:40:00	2ESa
168	241 13:00:39	32			CC7GCP	GYRO C ON	PWR		22877:57:010F	02-241/03:40:00	2ECp
169	241 13:00:39	32			CC7PC	(373) GYRO C ON	AACS		22877:57:012F	02-241/03:40:00	2ECa
170	241 13:00:39	32			CC7GAP	GYRO A ON	PWR		22877:57:013F	02-241/03:40:00	2ECp
171	241 13:00:39	32				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 2 GYRO B: OFF CST : ON GRYO C: ON	AACS		22877:57:013F	02-241/03:40:00	2ESa
172	241 13:00:40	32			CC7GAP	GYRO A ON	PWR		22877:57:015F	02-241/03:40:00	2ECp
173	241 13:00:40	32			CC7PC	(353) GYRO A ON	AACS		22877:57:017F	02-241/03:40:00	2ECa
174	241 13:01:09	32				B- MISCMD			22877:57:501F	02-241/03:40:29	2TB
175	241 13:01:09	32				MISCMD - GYRO INIT			22877:57:501F	02-241/03:40:29	2T
176	241 13:01:09	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		22877:57:501F	02-241/03:40:29	2ECa
177	241 13:01:39	32				B- MISCMD			22877:58:201F	02-241/03:40:59	2TB
178	241 13:01:39	32				MISCMD - SET CALIB			22877:58:201F	02-241/03:40:59	2T
179	241 13:01:39	32			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		22877:58:203F	02-241/03:40:59	2ECa
180	241 13:07:22	31	40 SET			10 DEGREE SET DSC-40					1V
181	241 13:10:39	32				B- MISCMD			22878:09:401F	02-241/03:49:59	2TB
182	241 13:10:39	32				MISCMD - GYRO FAULT TEST			22878:09:401F	02-241/03:49:59	2T
183	241 13:10:39	32			CC7GY	(4) DRIRU FAULT TEST START	AACS		22878:09:401F	02-241/03:49:59	2ECa
184	241 13:10:40	32				B- PASS.2			22878:09:418F	02-241/03:50:00	2TB

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185	241 19:15:53	32	40	SET		10 DEGREE SET DSC-40					2V
186	241 19:35:00	32	43	LO	OPCH ACE	LOS DSS-43 PASS-9165					2DP
187	241 20:30:51	31	10	RISE		10 DEGREE RISE DSC-10					1V
188	241 23:30:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-9150 (D/L ONLY)					1DP
189	242 00:00:00	31				VGR-31 OWLT IS 11H 52M 30S					1L
190	242 00:00:00	32				VGR-32 OWLT IS 09H 20M 44S					2L
191	242 00:33:42	31	60	SET		10 DEGREE SET DSC-60					1V
192	242 02:53:08	31				B- UVSLEW			29037:04:001F	02-241/15:00:35	1TB
193	242 02:53:08	31				SLEW TO HELIO-5A			29037:04:001F	02-241/15:00:35	1T
194	242 02:53:08	31				B- PLATPOA			29037:04:001F	02-241/15:00:35	1TB
195	242 02:53:08	31			AC7SPK	(1 12 1 106 039) EL SLEW R=LOW	AACS		29037:04:003F	02-241/15:00:36	1ECa
196	242 02:54:45	31				B- SLEND			29037:06:018F	02-241/15:02:12	1TB
197	242 02:54:45	31			SLEWEND	AZ=299.953 EL=122.534 CO=126.127			29037:06:018F	02-241/15:02:12	1T
198	242 03:04:56	32	40	RISE		10 DEGREE RISE DSC-40					2V
199	242 03:58:00	31	40	RISE		10 DEGREE RISE DSC-40					1V
200	242 07:05:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-9166 (D/L ONLY)					2DP
201	242 07:15:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-9150					1DP
202	242 07:59:40	31	10	SET		10 DEGREE SET DSC-10					1V
203	242 12:00:00	31				VGR-31 OWLT IS 11H 52M 36S					1L
204	242 12:00:00	32				VGR-32 OWLT IS 09H 20M 49S					2L
205	242 12:54:08	31	60	RISE		10 DEGREE RISE DSC-60					1V
206	242 13:03:27	31	40	SET		10 DEGREE SET DSC-40					1V
207	242 13:08:25	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		29049:53:002F	02-242/01:15:48	1ECd

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 35 DOY 02-238/00:00 - 02-245/00:00

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
221	242 16:09:14	31			SC32AJ	(10) PLS CONFIG CMD	FDS		29053:39:009F	02-242/04:16:36	1ECf
222	242 16:10:02	31				B- DRGS4B			29053:40:001F	02-242/04:17:23	1TB
223	242 16:10:02	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		29053:40:009F	02-242/04:17:24	1ECf
224	242 16:10:46	31				BEGIN RECORDING PWS DATA			29053:40:734F	02-242/04:18:07	1T
225	242 16:10:46	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		29053:40:735F	02-242/04:18:08	1ECd
226	242 16:10:46	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:0560	DTR		29053:40:735F	02-242/04:18:08	1ESd
227	242 16:10:50	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	29053:41:001F	02-242/04:18:11	1ESf
228	242 16:10:50	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		29053:41:002F	02-242/04:18:12	1ECs
229	242 16:10:51	31				B- DRCRUS			29053:41:018F	02-242/04:18:12	1TB
230	242 16:10:51	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		29053:41:026F	02-242/04:18:13	1ECf
231	242 16:11:38	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	29053:42:001F	02-242/04:18:59	1ESf

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 35 DOY 02-238/00:00 - 02-245/00:00

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
232	242 16:11:38	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		29053:42:002F	02-242/04:19:00	1ECd
233	242 16:11:38	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:0853	DTR		29053:42:002F	02-242/04:19:00	1ESd
234	242 16:11:38	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		29053:42:002F	02-242/04:19:00	1ECs
235	242 16:12:26	31			SC32AJ	(11) PLS CONFIG CMD	FDS		29053:43:009F	02-242/04:19:48	1ECf
236	242 16:12:27	31				END PWSREC.31			29053:43:018F	02-242/04:19:48	1T
237	242 18:18:03	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		29056:20:002F	02-242/06:25:24	1ECd
238	242 18:18:03	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:0859	DTR		29056:20:002F	02-242/06:25:24	1ESd
239	242 18:18:33	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		29056:20:501F	02-242/06:25:53	1ECd
240	242 18:18:33	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0848	DTR		29056:20:501F	02-242/06:25:53	1ESd
241	242 18:40:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-9150 (D/L ONLY)					1DP
242	242 19:00:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-9150					1DP
243	242 19:00:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-9166					2DP
244	242 19:11:54	32	40	SET		10 DEGREE SET DSC-40					2V

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 35 DOY 02-238/00:00 - 02-245/00:00

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
253	242 19:35:40	31			CC3A	(30310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		29057:57:002F	02-242/07:43:00	1ECs
254	242 19:50:52	31				.05 ALL AXES DEADBAND			29058:16:001F	02-242/07:58:11	1T
255	242 19:50:52	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		29058:16:003F	02-242/07:58:12	1ECa
256	242 20:06:52	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		29058:36:002F	02-242/08:14:12	1ECa
257	242 20:06:52	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		29058:36:002F	02-242/08:14:12	1ESa
258	242 20:06:52	31			CC7GARP	GYRO A OFF	PWR		29058:36:003F	02-242/08:14:12	1ECp
259	242 20:06:52	31			CC7GARP	GYRO A OFF	PWR		29058:36:005F	02-242/08:14:12	1ECp
260	242 20:06:52	31			CC7PC	(352) GYRO A OFF	AACS		29058:36:007F	02-242/08:14:12	1ECa
261	242 20:06:52	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		29058:36:008F	02-242/08:14:12	1ECp
262	242 20:06:52	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		29058:36:010F	02-242/08:14:12	1ECp
263	242 20:06:53	31			CC7PC	(312) DUMMY PWR CMD	AACS		29058:36:012F	02-242/08:14:12	1ECa
264	242 20:07:39	31	63	OPCH 63		ASCAL =====					1TD
265	242 20:07:40	31				START FIRST YAW DRIFT TURN			29058:37:001F	02-242/08:14:59	1T
266	242 20:07:40	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		29058:37:004F	02-242/08:15:00	1ECa
267	242 20:11:40	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		29058:42:003F	02-242/08:19:00	1ECa
268	242 20:19:40	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		29058:52:003F	02-242/08:27:00	1ECa
269	242 20:23:40	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		29058:57:004F	02-242/08:31:00	1ECa

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
270	242 20:23:40	31	63	OPCH 63		ASCAL =====					1TD
271	242 20:23:41	31				END THIRD YAW DRIFT TURN			29058:57:018F	02-242/08:31:00	1T
272	242 20:24:27	31	63	OPCH 63		ASCAL =====					1TD
273	242 20:24:28	31				START FIRST PITCH DRIFT TURN			29058:58:001F	02-242/08:31:47	1T
274	242 20:24:28	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		29058:58:003F	02-242/08:31:48	1ECa
275	242 20:26:56	31	10RISE			10 DEGREE RISE DSC-10					1V
276	242 20:28:28	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		29059:03:004F	02-242/08:35:48	1ECa
277	242 20:36:28	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		29059:13:004F	02-242/08:43:48	1ECa
278	242 20:40:28	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		29059:18:003F	02-242/08:47:48	1ECa
279	242 20:40:28	31	63	OPCH 63		ASCAL =====					1TD
280	242 20:40:29	31				END THIRD PITCH DRIFT TURN			29059:18:018F	02-242/08:47:48	1T
281	242 20:41:34	31				B- MISCMD			29059:19:301F	02-242/08:48:53	1TB
282	242 20:41:34	31				MISCMD - GYROS OFF			29059:19:301F	02-242/08:48:53	1T
283	242 20:41:34	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		29059:19:304F	02-242/08:48:54	1ECa
284	242 20:42:04	31			CC7SS	(1) SS SEARCH ENABLE	AACS		29059:20:001F	02-242/08:49:23	1ECa

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 35 DOY 02-238/00:00 - 02-245/00:00

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
285	242 20:42:04	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		29059:20:001F	02-242/08:49:23	1ESa
286	242 20:42:04	31			CC7PC	(327) IDET ACQUIRED	AACS		29059:20:002F	02-242/08:49:24	1ECa
287	242 20:42:04	31			CC7GARP	GYRO A OFF	PWR		29059:20:003F	02-242/08:49:24	1ECp
288	242 20:42:04	31			CC7GARP	GYRO A OFF	PWR		29059:20:005F	02-242/08:49:24	1ECp
289	242 20:42:04	31			CC7PC	(352) GYRO A OFF	AACS		29059:20:007F	02-242/08:49:24	1ECa
290	242 20:42:04	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		29059:20:008F	02-242/08:49:24	1ECp
291	242 20:42:04	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		29059:20:010F	02-242/08:49:24	1ECp
292	242 20:42:05	31			CC7PC	(312) DUMMY PWR CMD	AACS		29059:20:012F	02-242/08:49:24	1ECa
293	242 20:42:40	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
294	242 20:42:40	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
295	242 20:43:40	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		29059:22:001F	02-242/08:50:59	1ECa
296	242 20:44:45	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		29059:23:285F	02-242/08:52:04	1ESa
297	242 20:44:45	31			CC7PC	(307) STAR ACQUIRED	AACS		29059:23:285F	02-242/08:52:04	1ECa
298	242 20:44:45	31			CC7GCRP	GYRO C OFF	PWR		29059:23:286F	02-242/08:52:05	1ECp

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 35 DOY 02-238/00:00 - 02-245/00:00

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
299	242 20:44:45	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		29059:23:286F	02-242/08:52:05	1ESa
300	242 20:44:45	31			CC7GCRP	GYRO C OFF	PWR		29059:23:288F	02-242/08:52:05	1ECp
301	242 20:44:45	31			CC7PC	(372) GYRO C OFF	AACS		29059:23:290F	02-242/08:52:05	1ECa
302	242 20:44:45	31			CC7GBRP	GYRO B OFF	PWR		29059:23:290F	02-242/08:52:05	1ECp
303	242 20:44:45	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		29059:23:290F	02-242/08:52:05	1ESa
304	242 20:44:45	31			CC7GBRP	GYRO B OFF	PWR		29059:23:293F	02-242/08:52:05	1ECp
305	242 20:44:46	31			CC7PC	(362) GYRO B OFF	AACS		29059:23:295F	02-242/08:52:05	1ECa
306	242 20:44:46	31			CC7GARP	GYRO A OFF	PWR		29059:23:295F	02-242/08:52:05	1ECp
307	242 20:44:46	31			CC7GARP	GYRO A OFF	PWR		29059:23:297F	02-242/08:52:05	1ECp
308	242 20:44:46	31			CC7PC	(352) GYRO A OFF	AACS		29059:23:299F	02-242/08:52:05	1ECa
309	242 20:44:46	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		29059:23:300F	02-242/08:52:05	1ECp
310	242 20:44:46	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		29059:23:302F	02-242/08:52:06	1ECp
311	242 20:44:46	31			CC7PC	(312) DUMMY PWR CMD	AACS		29059:23:304F	02-242/08:52:06	1ECa
312	242 20:46:52	31				B- DRCRUS			29059:26:001F	02-242/08:54:11	1TB
313	242 20:46:52	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		29059:26:009F	02-242/08:54:12	1ECf

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
314	242 20:47:40	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	29059:27:001F	02-242/08:54:59	1ESf
315	242 20:47:40	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		29059:27:002F	02-242/08:55:00	1ECs
316	242 20:53:17	31				B- YAWDB			29059:34:001F	02-242/09:00:35	1TB
317	242 20:53:17	31				YAWDB - .10			29059:34:001F	02-242/09:00:35	1T
318	242 20:53:17	31				B- ROLLDB			29059:34:001F	02-242/09:00:35	1TB
319	242 20:53:17	31				ROLLDB - .25			29059:34:001F	02-242/09:00:35	1T
320	242 20:53:17	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		29059:34:003F	02-242/09:00:36	1ECa
321	242 20:53:17	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		29059:34:005F	02-242/09:00:36	1ECa
322	242 20:53:18	31	63	OPCH 63		END ASCAL					1TD
323	242 21:18:05	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		29060:05:002F	02-242/09:25:24	1ECd
324	242 21:18:05	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:0848	DTR		29060:05:002F	02-242/09:25:24	1ESd
325	243 00:00:00	31				VGR-31 OWLT IS 11H 52M 42S					1L
326	243 00:00:00	32				VGR-32 OWLT IS 09H 20M 54S					2L
327	243 00:10:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-9151 (D/L ONLY)					1DP
328	243 00:29:45	31	60	SET		10 DEGREE SET DSC-60					1V
329	243 00:30:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-9150					1DP
330	243 02:53:19	31				B- UVSLEW			29067:04:001F	02-242/15:00:35	1TB

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 35 DOY 02-238/00:00 - 02-245/00:00

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
331	243 02:53:19	31				SLEW TO HELIO-4A			29067:04:001F	02-242/15:00:35	1T
332	243 02:53:19	31				B- PLATPOA			29067:04:001F	02-242/15:00:35	1TB
333	243 02:53:19	31			AC7SPK	(1 12 1 114 215) EL SLEW R=LOW	AACS		29067:04:003F	02-242/15:00:36	1ECa
334	243 02:55:58	31				B- SLEND			29067:07:234F	02-242/15:03:13	1TB
335	243 02:55:58	31			SLEWEND	AZ=299.953 EL=110.058 CO=113.703			29067:07:234F	02-242/15:03:13	1T
336	243 03:00:57	32	40RISE			10 DEGREE RISE DSC-40					2V
337	243 03:54:02	31	40RISE			10 DEGREE RISE DSC-40					1V
338	243 07:00:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9151					1DP
339	243 07:10:00	31	43 AO	OPCH ACE		AOS DSS-43 PASS-9151 (D/L ONLY)					1DP
340	243 07:55:43	31	10 SET			10 DEGREE SET DSC-10					1V
341	243 08:30:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9167 (D/L ONLY)					2DP
342	243 12:00:00	31				VGR-31 OWLT IS 11H 52M 48S					1L
343	243 12:00:00	32				VGR-32 OWLT IS 09H 20M 59S					2L
344	243 12:47:23	32			AC7SSB	(4 +180) SS BIAS CONTROL --- YAW	AACS		22937:40:003F	02-243/03:26:23	2ECa
345	243 12:50:13	31	60RISE			10 DEGREE RISE DSC-60					1V
346	243 12:59:32	31	40 SET			10 DEGREE SET DSC-40					1V
347	243 13:00:59	32				B- MISCMD			22937:57:001F	02-243/03:39:59	2TB
348	243 13:00:59	32				MISCMD - GYRO INIT			22937:57:001F	02-243/03:39:59	2T
349	243 13:00:59	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		22937:57:001F	02-243/03:39:59	2ECa
350	243 13:05:00	31	43 LO	OPCH ACE		LOS DSS-43 PASS-9151					1DP
351	243 15:15:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9167					2DP
352	243 17:25:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9151 (D/L ONLY)					1DP
353	243 19:07:54	32	40 SET			10 DEGREE SET DSC-40					2V

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 35 DOY 02-238/00:00 - 02-245/00:00

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
354	243 20:23:01	31	10RISE			10 DEGREE RISE DSC-10					1V
355	243 21:30:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9152 (D/L ONLY)					1DP
356	243 21:50:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9151					1DP
357	244 00:00:00	31				VGR-31 OWLT IS 11H 52M 54S					1L
358	244 00:00:00	32				VGR-32 OWLT IS 09H 21M 04S					2L
359	244 00:25:47	31	60 SET			10 DEGREE SET DSC-60					1V
360	244 02:53:31	31				B- UVSLEW			29097:04:001F	02-243/15:00:35	1TB
361	244 02:53:31	31				SLEW TO HELIO-3A			29097:04:001F	02-243/15:00:35	1T
362	244 02:53:31	31				B- PLATPOA			29097:04:001F	02-243/15:00:35	1TB
363	244 02:53:31	31			AC7SPK	(1 12 2 121 136) EL SLEW R=LOW	AACS		29097:04:003F	02-243/15:00:36	1ECa
364	244 02:55:26	31				B- SLEND			29097:06:318F	02-243/15:02:30	1TB
365	244 02:55:26	31			SLEWEND	AZ=299.953 EL=101.064 CO=104.746			29097:06:318F	02-243/15:02:30	1T
366	244 02:56:59	32	40RISE			10 DEGREE RISE DSC-40					2V
367	244 03:50:05	31	40RISE			10 DEGREE RISE DSC-40					1V
368	244 06:55:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9152					1DP
369	244 07:45:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9168 (D/L ONLY)					2DP
370	244 07:51:46	31	10 SET			10 DEGREE SET DSC-10					1V
371	244 12:00:00	31				VGR-31 OWLT IS 11H 53M 00S					1L
372	244 12:00:00	32				VGR-32 OWLT IS 09H 21M 09S					2L
373	244 12:46:18	31	60RISE			10 DEGREE RISE DSC-60					1V
374	244 12:55:37	31	40 SET			10 DEGREE SET DSC-40					1V
375	244 14:30:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9152 (D/L ONLY)					1DP
376	244 18:30:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9152 (D/L ONLY)					1DP

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 35 DOY 02-238/00:00 - 02-245/00:00

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
377	244 18:40:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9168					2DP
378	244 18:50:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9152					1DP
379	244 19:03:55	32	40 SET			10 DEGREE SET DSC-40					2V
380	244 20:19:06	31	10RISE			10 DEGREE RISE DSC-10					1V
381	245 00:00:00	31				VGR-31 OWLT IS 11H 53M 06S					1L
382	245 00:00:00	32				VGR-32 OWLT IS 09H 21M 14S					2L