

INTEGRATED SEQUENCE FOR JST A044F JSX B116F WEEK 31 DOY 02-210/00:00 - 02-217/00:00

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	210 00:00:00	31				VGR-31 OWLT IS 11H 46M 26S					1L
2	210 00:00:00	32				VGR-32 OWLT IS 09H 16M 14S					2L
3	210 00:20:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-9117					1DP
4	210 02:40:35	31	60 SET			10 DEGREE SET DSC-60					1V
5	210 05:13:10	32	40RISE			10 DEGREE RISE DSC-40					2V
6	210 05:25:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9118 (D/L ONLY)					1DP
7	210 06:04:53	31	40RISE			10 DEGREE RISE DSC-40					1V
8	210 07:35:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9134 (D/L ONLY)					2DP
9	210 09:05:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9118					1DP
10	210 10:06:27	31	10 SET			10 DEGREE SET DSC-10					1V
11	210 12:00:00	31				VGR-31 OWLT IS 11H 46M 31S					1L
12	210 12:00:00	32				VGR-32 OWLT IS 09H 16M 17S					2L
13	210 14:59:50	31	60RISE			10 DEGREE RISE DSC-60					1V
14	210 15:09:09	31	40 SET			10 DEGREE SET DSC-40					1V
15	210 17:20:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9118 (D/L ONLY)					1DP
16	210 19:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9118 (D/L ONLY)					1DP
17	210 20:05:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9118					1DP
18	210 21:19:45	32	40 SET			10 DEGREE SET DSC-40					2V
19	210 21:35:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9134					2DP
20	210 22:32:43	31	10RISE			10 DEGREE RISE DSC-10					1V
21	210 22:47:12	31				B- UVSLEW			28102:04:001F	02-210/11:00:35	1TB
22	210 22:47:12	31				SLEW TO HELIO-10B			28102:04:001F	02-210/11:00:35	1T
23	210 22:47:12	31				B- PLATPOA			28102:04:001F	02-210/11:00:35	1TB

INTEGRATED SEQUENCE FOR JST A044F JSX B116F WEEK 31 DOY 02-210/00:00 - 02-217/00:00

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	211 10:32:23	32				B- DRGS4B			21974:57:001F	02-211/01:15:59	2TB
44	211 10:32:23	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		21974:57:009F	02-211/01:16:00	2ECf
45	211 10:33:07	32				BEGIN RECORDING PWS DATA			21974:57:734F	02-211/01:16:43	2T
46	211 10:33:07	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		21974:57:735F	02-211/01:16:43	2ECd
47	211 10:33:07	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:1442	DTR		21974:57:735F	02-211/01:16:43	2ESd
48	211 10:33:11	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	21974:58:001F	02-211/01:16:47	2ESf
49	211 10:33:11	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		21974:58:002F	02-211/01:16:47	2ECs
50	211 10:33:12	32				B- DRCRUS			21974:58:018F	02-211/01:16:48	2TB
51	211 10:33:12	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		21974:58:025F	02-211/01:16:49	2ECf
52	211 10:33:59	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	21974:59:001F	02-211/01:17:35	2ESf
53	211 10:33:59	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		21974:59:001F	02-211/01:17:35	2ECd

INTEGRATED SEQUENCE FOR JST A044F JSX B116F WEEK 31 DOY 02-210/00:00 - 02-217/00:00

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67	211 11:40:50	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:1147	DTR		28118:10:735F	02-210/23:54:08	1ESd
68	211 11:40:54	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	28118:11:001F	02-210/23:54:11	1ESf
69	211 11:40:54	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		28118:11:002F	02-210/23:54:12	1ECs
70	211 11:40:55	31				B- DRCRUS			28118:11:018F	02-210/23:54:12	1TB
71	211 11:40:55	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		28118:11:026F	02-210/23:54:13	1ECf
72	211 11:41:42	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	28118:12:001F	02-210/23:54:59	1ESf
73	211 11:41:42	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		28118:12:002F	02-210/23:55:00	1ECd
74	211 11:41:42	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:0855	DTR		28118:12:002F	02-210/23:55:00	1ESd
75	211 11:41:42	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		28118:12:002F	02-210/23:55:00	1ECs

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76	211 11:42:30	31			SC32AJ	(11) PLS CONFIG CMD	FDS		28118:13:010F	02-210/23:55:48	1ECf
77	211 11:42:31	31				END PWSREC.31			28118:13:018F	02-210/23:55:48	1T
78	211 12:00:00	31				VGR-31 OWLT IS 11H 46M 42S					1L
79	211 12:00:00	32				VGR-32 OWLT IS 09H 16M 24S					2L
80	211 14:00:00	32	43	LO	OPCH ACE	LOS DSS-43 PASS-9135					2DP
81	211 14:05:00	31	45	LO	OPCH ACE	LOS DSS-45 PASS-9119					1DP
82	211 14:55:53	31			60RISE	10 DEGREE RISE DSC-60					1V
83	211 15:05:12	31			40 SET	10 DEGREE SET DSC-40					1V
84	211 16:50:00	31	54	AO	OPCH ACE	AOS DSS-54 PASS-9119 (D/L ONLY)					1DP
85	211 19:45:00	31	54	LO	OPCH ACE	LOS DSS-54 PASS-9119					1DP
86	211 21:15:45	32			40 SET	10 DEGREE SET DSC-40					2V
87	211 22:28:47	31			10RISE	10 DEGREE RISE DSC-10					1V
88	211 22:35:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-9119 (D/L ONLY)					1DP
89	211 22:37:46	31			AC7SSB	(3 +010) SS BIAS CONTROL - PITCH	AACS		28131:52:003F	02-211/10:51:00	1ECa
90	211 22:47:23	31				B- UVSLEW			28132:04:001F	02-211/11:00:35	1TB
91	211 22:47:23	31				SLEW TO MIDPNT			28132:04:001F	02-211/11:00:35	1T
92	211 22:47:23	31				B- PLATPOB			28132:04:001F	02-211/11:00:35	1TB
93	211 22:47:23	31			AC7SPK	(1 12 1 093 214) EL SLEW R=LOW	AACS		28132:04:003F	02-211/11:00:36	1ECa
94	211 22:47:23	31			AC7SPK	(2 12 1 165 129) AZ SLEW R=LOW	AACS		28132:04:005F	02-211/11:00:36	1ECa
95	211 23:14:55	31				B- SLEND			28132:38:334F	02-211/11:28:07	1TB
96	211 23:14:55	31			SLEWEND	AZ=219.984 EL=140.021 CO=135.251			28132:38:334F	02-211/11:28:07	1T
97	212 00:00:00	31				VGR-31 OWLT IS 11H 46M 47S					1L
98	212 00:00:00	32				VGR-32 OWLT IS 09H 16M 27S					2L

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99	212 00:15:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9120 (D/L ONLY)					1DP
100	212 00:35:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9119					1DP
101	212 01:22:36	31				B- RFSTLC			28135:18:001F	02-211/13:35:47	1TB
102	212 02:11:24	31				DRIRU INITIALIZATION			28136:19:001F	02-211/14:24:35	1T
103	212 02:11:24	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		28136:19:001F	02-211/14:24:35	1ECa
104	212 02:32:39	31	60 SET			10 DEGREE SET DSC-60					1V
105	212 05:00:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9136 (D/L ONLY)					2DP
106	212 05:05:07	32	40RISE			10 DEGREE RISE DSC-40					2V
107	212 05:56:56	31	40RISE			10 DEGREE RISE DSC-40					1V
108	212 09:00:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9120					1DP
109	212 09:58:30	31	10 SET			10 DEGREE SET DSC-10					1V
110	212 12:00:00	31				VGR-31 OWLT IS 11H 46M 52S					1L
111	212 12:00:00	32				VGR-32 OWLT IS 09H 16M 31S					2L
112	212 12:02:55	32			AC7SSB	(4 +170) SS BIAS CONTROL --- YAW	AACS		22006:50:003F	02-212/02:46:23	2ECa
113	212 14:51:57	31	60RISE			10 DEGREE RISE DSC-60					1V
114	212 15:01:16	31	40 SET			10 DEGREE SET DSC-40					1V
115	212 16:00:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9120 (D/L ONLY)					1DP
116	212 19:50:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9120 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
117	212 20:10:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9120					1DP

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126	212 20:30:44	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		28159:13:002F	02-212/08:43:48	1ECs
127	212 20:45:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9136					2DP
128	212 20:45:56	31				.05 ALL AXES DEADBAND			28159:32:001F	02-212/08:58:59	1T
129	212 20:45:56	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		28159:32:003F	02-212/08:59:00	1ECa
130	212 21:01:56	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		28159:52:002F	02-212/09:15:00	1ECa
131	212 21:01:56	31				AACS STATUS MODE : AAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS	28159:52:002F	02-212/09:15:00	1ESa	
132	212 21:01:56	31			CC7GCRP	GYRO C OFF	PWR		28159:52:003F	02-212/09:15:00	1ECp
133	212 21:01:56	31			CC7GCRP	GYRO C OFF	PWR		28159:52:005F	02-212/09:15:00	1ECp
134	212 21:01:56	31			CC7PC	(372) GYRO C OFF	AACS		28159:52:007F	02-212/09:15:00	1ECa
135	212 21:01:56	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		28159:52:008F	02-212/09:15:00	1ECp
136	212 21:01:56	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		28159:52:010F	02-212/09:15:00	1ECp
137	212 21:01:57	31			CC7PC	(312) DUMMY PWR CMD	AACS		28159:52:012F	02-212/09:15:00	1ECa
138	212 21:02:43	31	63	OPCH 63		ASCAL =====					1TD
139	212 21:02:44	31				START FIRST YAW DRIFT TURN			28159:53:001F	02-212/09:15:47	1T
140	212 21:02:44	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		28159:53:004F	02-212/09:15:48	1ECa
141	212 21:06:44	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		28159:58:003F	02-212/09:19:48	1ECa
142	212 21:11:45	32	40 SET			10 DEGREE SET DSC-40					2V

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143	212 21:14:45	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		28160:08:003F	02-212/09:27:48	1ECa
144	212 21:18:44	31	63	OPCH 63		ASCAL =====					1TD
						END YAW DRIFT TURNS					
145	212 21:18:45	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		28160:13:004F	02-212/09:31:48	1ECa
146	212 21:18:46	31				END THIRD YAW DRIFT TURN			28160:13:018F	02-212/09:31:48	1T
147	212 21:19:31	31	63	OPCH 63		ASCAL =====					1TD
						START PITCH DRIFT TURNS					
148	212 21:19:33	31				START FIRST PITCH DRIFT TURN			28160:14:001F	02-212/09:32:35	1T
149	212 21:19:33	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		28160:14:003F	02-212/09:32:36	1ECa
150	212 21:23:33	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		28160:19:004F	02-212/09:36:36	1ECa
151	212 21:31:33	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		28160:29:004F	02-212/09:44:36	1ECa
152	212 21:35:32	31	63	OPCH 63		ASCAL =====					1TD
						END PITCH DRIFT TURNS					
153	212 21:35:33	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		28160:34:003F	02-212/09:48:36	1ECa
154	212 21:35:34	31				END THIRD PITCH DRIFT TURN			28160:34:018F	02-212/09:48:36	1T
155	212 21:37:09	31			CC7SS	(1) SS SEARCH ENABLE	AACS		28160:36:001F	02-212/09:50:11	1ECa
156	212 21:37:09	31				AACS STATUS MODE : RAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS	28160:36:001F	02-212/09:50:11	1ESa	
157	212 21:37:09	31			CC7PC	(327) IDET ACQUIRED	AACS		28160:36:002F	02-212/09:50:12	1ECa

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174	212 21:42:45	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	28160:43:001F	02-212/09:55:47	1ESf
175	212 21:42:45	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		28160:43:002F	02-212/09:55:48	1ECs
176	212 21:48:21	31				B- YAWDB			28160:50:001F	02-212/10:01:23	1TB
177	212 21:48:21	31				YAWDB - .10			28160:50:001F	02-212/10:01:23	1T
178	212 21:48:21	31				B- ROLLDB			28160:50:001F	02-212/10:01:23	1TB
179	212 21:48:21	31				ROLLDB - .25			28160:50:001F	02-212/10:01:23	1T
180	212 21:48:21	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		28160:50:004F	02-212/10:01:24	1ECa
181	212 21:48:21	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		28160:50:006F	02-212/10:01:24	1ECa
182	212 21:48:22	31	63	OPCH 63		END ASCAL					1TD
183	212 21:49:09	31				B- MISCMD			28160:51:001F	02-212/10:02:11	1TB
184	212 21:49:09	31				MISCMD - RESTART GYRO FAULT TEST			28160:51:001F	02-212/10:02:11	1T
185	212 21:49:09	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		28160:51:002F	02-212/10:02:12	1ECa
186	212 22:24:50	31	10RISE			10 DEGREE RISE DSC-10					1V
187	212 22:47:33	31				B- UVSLEW			28162:04:001F	02-212/11:00:35	1TB
188	212 22:47:33	31				SLEW TO HELIO-11B			28162:04:001F	02-212/11:00:35	1T
189	212 22:47:33	31				B- PLATPOB			28162:04:001F	02-212/11:00:35	1TB
190	212 22:47:33	31			AC7SPK	(2 12 2 098 079) AZ SLEW R=LOW	AACS		28162:04:003F	02-212/11:00:36	1ECa
191	212 22:47:33	31			AC7SPK	(1 12 2 068 132) EL SLEW R=LOW	AACS		28162:04:005F	02-212/11:00:36	1ECa
192	212 23:14:11	31				B- SLEND			28162:37:234F	02-212/11:27:13	1TB

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193	212 23:14:11	31			SLEWEND	AZ=125.000 EL=176.032 CO=170.252			28162:37:234F	02-212/11:27:13	1T
194	213 00:00:00	31	63	OPCH 63		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
195	213 00:00:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
196	213 00:00:00	31				VGR-31 OWLT IS 11H 46M 58S					1L
197	213 00:00:00	32				VGR-32 OWLT IS 09H 16M 34S					2L
198	213 00:01:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
199	213 00:02:00	31	63	OPCH 63		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
200	213 00:27:00	31	63	OPCH 63		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
201	213 00:50:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9121 (D/L ONLY)					1DP
202	213 01:10:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9120					1DP
203	213 02:28:40	31	60 SET			10 DEGREE SET DSC-60					1V
204	213 05:01:05	32	40RISE			10 DEGREE RISE DSC-40					2V
205	213 05:52:58	31	40RISE			10 DEGREE RISE DSC-40					1V

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
206	213 07:45:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9137 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
207	213 08:30:00	31	45 AO	OPCH ACE		AOS DSS-45 PASS-9121 (D/L ONLY)					1DP
208	213 08:50:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9121					1DP
209	213 09:54:32	31	10 SET			10 DEGREE SET DSC-10					1V
210	213 12:00:00	31				VGR-31 OWLT IS 11H 47M 03S					1L
211	213 12:00:00	32				VGR-32 OWLT IS 09H 16M 38S					2L
212	213 14:00:00	31	45 LO	OPCH ACE		LOS DSS-45 PASS-9121					1DP
213	213 14:48:00	31	60RISE			10 DEGREE RISE DSC-60					1V
214	213 14:57:19	31	40 SET			10 DEGREE SET DSC-40					1V
215	213 15:55:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9121 (D/L ONLY)					1DP
216	213 20:10:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9137					2DP
217	213 21:07:46	32	40 SET			10 DEGREE SET DSC-40					2V
218	213 22:20:54	31	10RISE			10 DEGREE RISE DSC-10					1V
219	213 22:47:44	31				B- UVSLEW			28192:04:001F	02-213/11:00:35	1TB
220	213 22:47:44	31				SLEW TO HELIO-12B			28192:04:001F	02-213/11:00:35	1T
221	213 22:47:44	31				B- PLATPOA			28192:04:001F	02-213/11:00:35	1TB
222	213 22:47:44	31			AC7SPK	(1 12 1 076 107) EL SLEW R=LOW	AACS		28192:04:003F	02-213/11:00:36	1ECa
223	213 22:50:03	31				B- SLEND			28192:06:718F	02-213/11:02:54	1TB
224	213 22:50:03	31			SLEWEND	AZ=125.000 EL=165.546 CO=160.455			28192:06:718F	02-213/11:02:54	1T
225	213 23:00:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9121 (D/L ONLY)					1DP
226	213 23:20:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9121					1DP
227	214 00:00:00	31				VGR-31 OWLT IS 11H 47M 09S					1L
228	214 00:00:00	32				VGR-32 OWLT IS 09H 16M 41S					2L

INTEGRATED SEQUENCE FOR JST A044F JSX B116F WEEK 31 DOY 02-210/00:00 - 02-217/00:00

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
229	214 00:01:11	31	63	OPCH 63		== START TLC TEST DOWN-LINK ==					1TD
230	214 01:02:11	31	63	OPCH 63		== END TLC TEST DOWN-LINK ==					1TD
231	214 02:10:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9122 (D/L ONLY)					1DP
232	214 02:24:42	31	60 SET			10 DEGREE SET DSC-60					1V
233	214 02:30:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9121					1DP
234	214 04:45:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9138 (D/L ONLY)					2DP
235	214 04:57:04	32	40RISE			10 DEGREE RISE DSC-40					2V
236	214 05:49:00	31	40RISE			10 DEGREE RISE DSC-40					1V
237	214 08:55:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9122					1DP
238	214 09:50:34	31	10 SET			10 DEGREE SET DSC-10					1V
239	214 12:00:00	31				VGR-31 OWLT IS 11H 47M 14S					1L
240	214 12:00:00	32				VGR-32 OWLT IS 09H 16M 45S					2L
241	214 14:39:03	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		28211:53:002F	02-214/02:51:48	1ECd
242	214 14:39:03	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0848	DTR		28211:53:002F	02-214/02:51:48	1ESd
243	214 14:44:04	31	60RISE			10 DEGREE RISE DSC-60					1V
244	214 14:53:23	31	40 SET			10 DEGREE SET DSC-40					1V
245	214 15:21:01	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		28212:45:356F	02-214/03:33:45	1ECd

INTEGRATED SEQUENCE FOR JST A044F JSX B116F WEEK 31 DOY 02-210/00:00 - 02-217/00:00

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
259	214 17:41:25	31				BEGIN RECORDING PWS DATA			28215:40:734F	02-214/05:54:07	1T
260	214 17:41:25	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		28215:40:735F	02-214/05:54:08	1ECd
261	214 17:41:25	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:1755	DTR		28215:40:735F	02-214/05:54:08	1ESd
262	214 17:41:29	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	28215:41:001F	02-214/05:54:11	1ESf
263	214 17:41:29	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		28215:41:002F	02-214/05:54:12	1ECs
264	214 17:41:30	31				B- DRCRUS			28215:41:018F	02-214/05:54:12	1TB
265	214 17:41:30	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		28215:41:026F	02-214/05:54:13	1ECf
266	214 17:42:17	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	28215:42:001F	02-214/05:54:59	1ESF
267	214 17:42:17	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		28215:42:002F	02-214/05:55:00	1ECd
268	214 17:42:17	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1462	DTR		28215:42:002F	02-214/05:55:00	1ESd

INTEGRATED SEQUENCE FOR JST A044F JSX B116F WEEK 31 DOY 02-210/00:00 - 02-217/00:00

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	215 02:24:58	31			AC7TCD	(322 033605) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		28226:35:220F	02-214/14:37:37	1ECa
320	215 04:53:02	32	40RISE			10 DEGREE RISE DSC-40					2V
321	215 05:15:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9139 (D/L ONLY)					2DP
322	215 05:45:01	31	40RISE			10 DEGREE RISE DSC-40					1V
323	215 06:53:12	31			SC32AJ	(10) PLS CONFIG CMD	FDS		28232:10:426F	02-214/19:05:49	1ECf
324	215 07:26:43	31			SC32AJ	(11) PLS CONFIG CMD	FDS		28232:52:342F	02-214/19:39:20	1ECf
325	215 07:45:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9139 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
326	215 07:55:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9139					2DP
327	215 08:03:03	31			CC7PC	(345) CMDED TURN COMPLETE	AACS		28233:37:670F	02-214/20:15:40	1ECa
328	215 08:03:04	31				ROLL TURN COMPLETE (NOMINAL)			28233:37:684F	02-214/20:15:40	1T
329	215 08:04:00	31			SC32AJ	(11) PLS CONFIG CMD	FDS		28233:39:026F	02-214/20:16:37	1ECf
330	215 08:13:00	31				RESET CALIB			28233:50:218F	02-214/20:25:36	1T
331	215 08:13:00	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		28233:50:220F	02-214/20:25:37	1ECa
332	215 08:13:30	31			CC7SS	(1) SS SEARCH ENABLE	AACS		28233:50:719F	02-214/20:26:07	1ECa
333	215 08:13:30	31				AACS STATUS MODE : RAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS	28233:50:719F	02-214/20:26:07	1ESa	
334	215 08:13:30	31			CC7PC	(327) IDET ACQUIRED	AACS		28233:50:719F	02-214/20:26:07	1ECa
335	215 08:13:30	31			CC7GCRP	GYRO C OFF	PWR		28233:50:720F	02-214/20:26:07	1ECp
336	215 08:13:30	31			CC7GCRP	GYRO C OFF	PWR		28233:50:722F	02-214/20:26:07	1ECp
337	215 08:13:30	31			CC7PC	(372) GYRO C OFF	AACS		28233:50:724F	02-214/20:26:07	1ECa
338	215 08:13:30	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		28233:50:725F	02-214/20:26:07	1ECp

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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
339	215 08:13:30	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		28233:50:727F	02-214/20:26:07	1ECp
340	215 08:13:31	31			CC7PC	(312) DUMMY PWR CMD	AACS		28233:50:729F	02-214/20:26:07	1ECa
341	215 08:19:30	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		28233:58:319F	02-214/20:32:07	1ECa
342	215 08:20:35	31				GYROS OFF			28233:59:601F	02-214/20:33:11	1T
343	215 08:20:35	31				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		28233:59:602F	02-214/20:33:12	1ESa
344	215 08:20:35	31			CC7PC	(307) STAR ACQUIRED	AACS		28233:59:602F	02-214/20:33:12	1ECa
345	215 08:20:35	31			CC7GCRP	GYRO C OFF	PWR		28233:59:603F	02-214/20:33:12	1ECp
346	215 08:20:35	31			CC7GCRP	GYRO C OFF	PWR		28233:59:605F	02-214/20:33:12	1ECp
347	215 08:20:35	31			CC7PC	(372) GYRO C OFF	AACS		28233:59:607F	02-214/20:33:12	1ECa
348	215 08:20:35	31			CC7GBRP	GYRO B OFF	PWR		28233:59:608F	02-214/20:33:12	1ECp
349	215 08:20:35	31				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		28233:59:608F	02-214/20:33:12	1ESa
350	215 08:20:35	31			CC7GBRP	GYRO B OFF	PWR		28233:59:610F	02-214/20:33:12	1ECp
351	215 08:20:36	31			CC7PC	(362) GYRO B OFF	AACS		28233:59:612F	02-214/20:33:12	1ECa
352	215 08:20:36	31			CC7GARP	GYRO A OFF	PWR		28233:59:613F	02-214/20:33:12	1ECp
353	215 08:20:36	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		28233:59:613F	02-214/20:33:12	1ESa
354	215 08:20:36	31			CC7GARP	GYRO A OFF	PWR		28233:59:615F	02-214/20:33:12	1ECp

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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
394	215 22:50:02	31				B- SLEND			28252:06:334F	02-215/11:02:31	1TB
395	215 22:50:02	31			SLEWEND	AZ=125.000 EL=145.017 CO=140.301			28252:06:334F	02-215/11:02:31	1T
396	216 00:00:00	31				VGR-31 OWLT IS 11H 47M 30S					1L
397	216 00:00:00	32				VGR-32 OWLT IS 09H 16M 56S					2L
398	216 01:55:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-9124 (D/L ONLY)					1DP
399	216 02:15:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-9123					1DP
400	216 02:16:45	31	60	SET		10 DEGREE SET DSC-60					1V
401	216 04:35:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-9140 (D/L ONLY)					2DP
402	216 04:49:01	32	40RISE			10 DEGREE RISE DSC-40					2V
403	216 05:41:03	31	40RISE			10 DEGREE RISE DSC-40					1V
404	216 07:43:22	31			AC7SSB	(3 +011) SS BIAS CONTROL - PITCH	AACS		28263:13:003F	02-215/19:55:48	1ECa
405	216 08:40:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-9124					1DP
406	216 09:42:38	31	10	SET		10 DEGREE SET DSC-10					1V
407	216 12:00:00	31				VGR-31 OWLT IS 11H 47M 36S					1L
408	216 12:00:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-9140					2DP
409	216 12:00:00	32				VGR-32 OWLT IS 09H 17M 00S					2L
410	216 14:36:12	31	60RISE			10 DEGREE RISE DSC-60					1V
411	216 14:45:30	31	40	SET		10 DEGREE SET DSC-40					1V
412	216 15:55:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-9124 (D/L ONLY)					1DP
413	216 19:30:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-9124 (D/L ONLY)					1DP
414	216 19:50:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-9124					1DP
415	216 20:55:47	32	40	SET		10 DEGREE SET DSC-40					2V
416	216 22:09:04	31	10RISE			10 DEGREE RISE DSC-10					1V

INTEGRATED SEQUENCE FOR JST A044F JSX B116F WEEK 31 DOY 02-210/00:00 - 02-217/00:00

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
417	216 22:48:17	31				B- UVSLEW			28282:04:001F	02-216/11:00:35	1TB
418	216 22:48:17	31				SLEW TO HELIO-15B			28282:04:001F	02-216/11:00:35	1T
419	216 22:48:17	31				B- PLATPOA			28282:04:001F	02-216/11:00:35	1TB
420	216 22:48:17	31			AC7SPK	(1 12 1 097 119) EL SLEW R=LOW	AACS		28282:04:003F	02-216/11:00:36	1ECa
421	216 22:50:22	31				B- SLEND			28282:06:484F	02-216/11:02:40	1TB
422	216 22:50:22	31			SLEWEND	AZ=125.000 EL=135.219 CO=130.599			28282:06:484F	02-216/11:02:40	1T
423	217 00:00:00	31				VGR-31 OWLT IS 11H 47M 41S					1L
424	217 00:00:00	32				VGR-32 OWLT IS 09H 17M 03S					2L