



INTEGRATED SEQUENCE FOR JST A045F JSX B118F WEEK 49 DOY 02-336/00:00 - 02-343/00:00

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
18	336 15:29:04	31				B- DREL40			31872:30:001F	02-336/03:21:23	1TB
19	336 15:29:04	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		31872:30:009F	02-336/03:21:24	1ECf
20	336 15:29:04	31	63	OPCH 63		START ASCAL =====					1TD
						DSS-63: MONITOR X-BD AGC VARIATIONS DURING ASCAL IF X-BD RCVR DROPS LOCK INITIATE AUTO ACQUIRE					
21	336 15:29:52	31		ACE OPCH		FDS STATUS EL-40/X40/S40 MEM:PA/FDS11	FDS	CE-40	31872:31:001F	02-336/03:22:11	1ESF
22	336 15:29:52	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		31872:31:002F	02-336/03:22:11	1ECs
23	336 15:45:04	31				.05 ALL AXES DEADBAND			31872:50:001F	02-336/03:37:23	1T
24	336 15:45:04	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		31872:50:003F	02-336/03:37:24	1ECa
25	336 16:01:04	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		31873:10:002F	02-336/03:53:24	1ECa
26	336 16:01:04	31				AACS STATUS MODE : AAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		31873:10:002F	02-336/03:53:24	1ESa
27	336 16:01:04	31			CC7GCRP	GYRO C OFF	PWR		31873:10:003F	02-336/03:53:24	1ECp
28	336 16:01:04	31			CC7GCRP	GYRO C OFF	PWR		31873:10:005F	02-336/03:53:24	1ECp
29	336 16:01:04	31			CC7PC	(372) GYRO C OFF	AACS		31873:10:007F	02-336/03:53:24	1ECa

INTEGRATED SEQUENCE FOR JST A045F JSX B118F WEEK 49 DOY 02-336/00:00 - 02-343/00:00

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
30	336 16:01:04	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		31873:10:007F	02-336/03:53:24	1ECp
31	336 16:01:04	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		31873:10:010F	02-336/03:53:24	1ECp
32	336 16:01:05	31			CC7PC	(312) DUMMY PWR CMD	AACS		31873:10:012F	02-336/03:53:24	1ECa
33	336 16:01:51	31	63	OPCH 63		ASCAL =====					1TD
						START YAW DRIFT TURNS					
34	336 16:01:52	31				START FIRST YAW DRIFT TURN			31873:11:001F	02-336/03:54:11	1T
35	336 16:01:52	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		31873:11:003F	02-336/03:54:12	1ECa
36	336 16:05:52	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		31873:16:003F	02-336/03:58:12	1ECa
37	336 16:13:52	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		31873:26:003F	02-336/04:06:12	1ECa
38	336 16:17:52	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		31873:31:003F	02-336/04:10:12	1ECa
39	336 16:17:52	31	63	OPCH 63		ASCAL =====					1TD
						END YAW DRIFT TURNS					
40	336 16:17:53	31				END THIRD YAW DRIFT TURN			31873:31:018F	02-336/04:10:12	1T
41	336 16:18:39	31	63	OPCH 63		ASCAL =====					1TD
						START PITCH DRIFT TURNS					
42	336 16:18:40	31				START FIRST PITCH DRIFT TURN			31873:32:001F	02-336/04:10:59	1T
43	336 16:18:40	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		31873:32:003F	02-336/04:11:00	1ECa
44	336 16:22:40	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		31873:37:003F	02-336/04:15:00	1ECa
45	336 16:30:40	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		31873:47:003F	02-336/04:23:00	1ECa
46	336 16:34:40	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		31873:52:003F	02-336/04:27:00	1ECa



INTEGRATED SEQUENCE FOR JST A045F JSX B118F WEEK 49 DOY 02-336/00:00 - 02-343/00:00

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
64	336 16:38:57	31				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		31873:57:285F	02-336/04:31:16	1ESa
65	336 16:38:57	31			CC7PC	(307) STAR ACQUIRED	AACS		31873:57:285F	02-336/04:31:16	1ECa
66	336 16:38:57	31			CC7GCRP	GYRO C OFF	PWR		31873:57:286F	02-336/04:31:17	1ECp
67	336 16:38:57	31			CC7GCRP	GYRO C OFF	PWR		31873:57:288F	02-336/04:31:17	1ECp
68	336 16:38:57	31			CC7PC	(372) GYRO C OFF	AACS		31873:57:290F	02-336/04:31:17	1ECa
69	336 16:38:57	31			CC7GBRP	GYRO B OFF	PWR		31873:57:290F	02-336/04:31:17	1ECp
70	336 16:38:57	31				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		31873:57:290F	02-336/04:31:17	1ESa
71	336 16:38:57	31			CC7GBRP	GYRO B OFF	PWR		31873:57:293F	02-336/04:31:17	1ECp
72	336 16:38:58	31			CC7PC	(362) GYRO B OFF	AACS		31873:57:295F	02-336/04:31:17	1ECa
73	336 16:38:58	31			CC7GARP	GYRO A OFF	PWR		31873:57:295F	02-336/04:31:17	1ECp
74	336 16:38:58	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		31873:57:295F	02-336/04:31:17	1ESa
75	336 16:38:58	31			CC7GARP	GYRO A OFF	PWR		31873:57:297F	02-336/04:31:17	1ECp
76	336 16:38:58	31			CC7PC	(352) GYRO A OFF	AACS		31873:57:299F	02-336/04:31:17	1ECa
77	336 16:38:58	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		31873:57:300F	02-336/04:31:17	1ECp
78	336 16:38:58	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		31873:57:302F	02-336/04:31:18	1ECp
79	336 16:38:58	31			CC7PC	(312) DUMMY PWR CMD	AACS		31873:57:304F	02-336/04:31:18	1ECa

INTEGRATED SEQUENCE FOR JST A045F JSX B118F WEEK 49 DOY 02-336/00:00 - 02-343/00:00

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
80	336 16:41:04	31				B- DRCRUS			31874:00:001F	02-336/04:33:23	1TB
81	336 16:41:04	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		31874:00:009F	02-336/04:33:24	1ECf
82	336 16:41:52	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	31874:01:001F	02-336/04:34:11	1ESf
83	336 16:41:52	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		31874:01:002F	02-336/04:34:11	1ECs
84	336 16:47:28	31				B- YAWDB			31874:08:001F	02-336/04:39:47	1TB
85	336 16:47:28	31				YAWDB - .10			31874:08:001F	02-336/04:39:47	1T
86	336 16:47:28	31				B- ROLLDB			31874:08:001F	02-336/04:39:47	1TB
87	336 16:47:28	31				ROLLDB - .25			31874:08:001F	02-336/04:39:47	1T
88	336 16:47:28	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		31874:08:003F	02-336/04:39:48	1ECa
89	336 16:47:28	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		31874:08:005F	02-336/04:39:48	1ECa
90	336 16:47:29	31	63	OPCH 63		END ASCAL					1TD
91	336 17:08:17	31				B- UVSLEW			31874:34:001F	02-336/05:00:35	1TB
92	336 17:08:17	31				SLEW TO HELIO-12B			31874:34:001F	02-336/05:00:35	1T
93	336 17:08:17	31				B- PLATPOA			31874:34:001F	02-336/05:00:35	1TB
94	336 17:08:17	31			AC7SPK	(1 12 1 075 107) EL SLEW R=LOW	AACS		31874:34:003F	02-336/05:00:36	1ECa
95	336 17:10:35	31				B- SLEND			31874:36:701F	02-336/05:02:53	1TB
96	336 17:10:35	31			SLEWEND	AZ=124.998 EL=165.557 CO=161.403			31874:36:701F	02-336/05:02:53	1T

INTEGRATED SEQUENCE FOR JST A045F JSX B118F WEEK 49 DOY 02-336/00:00 - 02-343/00:00

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97	336 18:10:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9245 (D/L ONLY)					1DP
98	336 18:21:18	31	60 SET			10 DEGREE SET DSC-60					1V
99	336 18:30:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9244					1DP
100	336 20:54:25	32	40RISE			10 DEGREE RISE DSC-40					2V
101	336 21:45:36	31	40RISE			10 DEGREE RISE DSC-40					1V
102	337 00:00:00	31				VGR-31 OWLT IS 12H 07M 42S					1L
103	337 00:00:00	32				VGR-32 OWLT IS 09H 38M 07S					2L
104	337 00:29:19	32			AC7SSB	(3 -003) SS BIAS CONTROL - PITCH	AACS		25741:56:003F	02-336/14:51:11	2ECa
105	337 01:00:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9245					1DP
106	337 01:47:34	31	10 SET			10 DEGREE SET DSC-10					1V
107	337 05:35:31	31			AC7SSB	(4 +159) SS BIAS CONTROL --- YAW	AACS		31890:08:003F	02-336/17:27:48	1ECa
108	337 06:44:58	31	60RISE			10 DEGREE RISE DSC-60					1V
109	337 06:54:17	31	40 SET			10 DEGREE SET DSC-40					1V
110	337 08:15:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9261 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
111	337 12:00:00	31				VGR-31 OWLT IS 12H 07M 45S					1L
112	337 12:00:00	32				VGR-32 OWLT IS 09H 38M 11S					2L
113	337 12:20:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9261					2DP
114	337 12:57:05	32	40 SET			10 DEGREE SET DSC-40					2V
115	337 14:17:31	31	10RISE			10 DEGREE RISE DSC-10					1V
116	337 15:00:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9245 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
117	337 16:08:21	31				B- UVSLEW			31903:19:001F	02-337/04:00:35	1TB
118	337 16:08:21	31				SLEW TO HELIO-13B			31903:19:001F	02-337/04:00:35	1T

INTEGRATED SEQUENCE FOR JST A045F JSX B118F WEEK 49 DOY 02-336/00:00 - 02-343/00:00

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
119	337 16:08:21	31				B- PLATPOA			31903:19:001F	02-337/04:00:35	1TB
120	337 16:08:21	31			AC7SPK	(1 12 2 083 117) EL SLEW R=LOW	AACS		31903:19:003F	02-337/04:00:36	1ECa
121	337 16:10:00	31	63	OPCH	63	== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
122	337 16:10:00	31	63	OPCH	63	== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
123	337 16:10:46	31				B- SLEND			31903:22:018F	02-337/04:03:00	1TB
124	337 16:10:46	31			SLEWEND	AZ=124.998 EL=154.034 CO=150.210			31903:22:018F	02-337/04:03:00	1T
125	337 16:11:00	31	63	OPCH	63	== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
126	337 16:12:00	31	63	OPCH	63	== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
127	337 16:37:00	31	63	OPCH	63	== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
128	337 17:55:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-9246 (D/L ONLY)					1DP
129	337 18:15:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-9245					1DP
130	337 18:17:25	31	60	SET		10 DEGREE SET DSC-60					1V
131	337 20:50:35	32	40	RISE		10 DEGREE RISE DSC-40					2V
132	337 21:41:43	31	40	RISE		10 DEGREE RISE DSC-40					1V





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146	338 01:19:04	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	25772:58:001F	02-337/15:40:47	2ESf
147	338 01:19:04	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		25772:58:002F	02-337/15:40:47	2ECs
148	338 01:19:05	32				B- DRCRUS			25772:58:018F	02-337/15:40:48	2TB
149	338 01:19:05	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		25772:58:025F	02-337/15:40:49	2ECf
150	338 01:19:52	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	25772:59:001F	02-337/15:41:35	2ESf
151	338 01:19:52	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		25772:59:001F	02-337/15:41:35	2ECd
152	338 01:19:52	32				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:2951	DTR		25772:59:001F	02-337/15:41:35	2ESd
153	338 01:19:52	32			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		25772:59:002F	02-337/15:41:35	2ECs
154	338 01:19:53	32				END PWSREC			25772:59:018F	02-337/15:41:36	2T
155	338 01:43:41	31	10	SET		10 DEGREE SET DSC-10					1V
156	338 01:59:35	31			AC7SSB	(3 +010) SS BIAS CONTROL - PITCH	AACS		31915:38:003F	02-337/13:51:48	1ECa



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169	338 02:25:59	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		31916:11:002F	02-337/14:18:11	1ECs
170	338 02:26:00	31				B- DRCRUS			31916:11:018F	02-337/14:18:12	1TB
171	338 02:26:00	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		31916:11:026F	02-337/14:18:13	1ECF
172	338 02:26:47	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	31916:12:001F	02-337/14:18:59	1ESF
173	338 02:26:47	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		31916:12:002F	02-337/14:18:59	1ECs
174	338 02:26:47	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		31916:12:002F	02-337/14:19:00	1ECd
175	338 02:26:47	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2338	DTR		31916:12:002F	02-337/14:19:00	1ESd
176	338 02:27:35	31			SC32AJ	(11) PLS CONFIG CMD	FDS		31916:13:009F	02-337/14:19:48	1ECf
177	338 02:27:36	31				END PWSREC.31			31916:13:018F	02-337/14:19:48	1T
178	338 03:00:00	32	45 AO	OPCH	ACE	AOS DSS-45 PASS-9262 (D/L ONLY)					2DP
179	338 06:41:05	31		60RISE		10 DEGREE RISE DSC-60					1V
180	338 06:50:25	31		40 SET		10 DEGREE SET DSC-40					1V
181	338 12:00:00	31				VGR-31 OWLT IS 12H 07M 49S					1L
182	338 12:00:00	32				VGR-32 OWLT IS 09H 38M 20S					2L

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183	338 12:45:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9262					2DP
184	338 12:53:13	32	40 SET			10 DEGREE SET DSC-40					2V
185	338 14:13:38	31	10RISE			10 DEGREE RISE DSC-10					1V
186	338 15:30:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9246 (D/L ONLY)					1DP
187	338 16:08:26	31				B- UVSLEW			31933:19:001F	02-338/04:00:35	1TB
188	338 16:08:26	31				SLEW TO HELIO-14B			31933:19:001F	02-338/04:00:35	1T
189	338 16:08:26	31				B- PLATPOA			31933:19:001F	02-338/04:00:35	1TB
190	338 16:08:26	31			AC7SPK	(1 12 2 090 170) EL SLEW R=LOW	AACS		31933:19:003F	02-338/04:00:36	1ECa
191	338 16:10:21	31				B- SLEND			31933:21:318F	02-338/04:02:30	1TB
192	338 16:10:21	31			SLEWEND	AZ=124.998 EL=145.026 CO=141.285			31933:21:318F	02-338/04:02:30	1T
193	338 16:52:41	31	63	OPCH 63		== START TLC TEST DOWN-LINK ==					1TD
194	338 17:53:41	31	63	OPCH 63		== END TLC TEST DOWN-LINK ==					1TD
195	338 17:55:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9247 (D/L ONLY)					1DP
196	338 18:13:32	31	60 SET			10 DEGREE SET DSC-60					1V
197	338 18:15:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9246					1DP
198	338 20:46:45	32	40RISE			10 DEGREE RISE DSC-40					2V
199	338 21:37:49	31	40RISE			10 DEGREE RISE DSC-40					1V
200	339 00:00:00	31				VGR-31 OWLT IS 12H 07M 52S					1L
201	339 00:00:00	32				VGR-32 OWLT IS 09H 38M 24S					2L
202	339 00:55:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9247					1DP
203	339 01:39:47	31	10 SET			10 DEGREE SET DSC-10					1V

INTEGRATED SEQUENCE FOR JST A045F JSX B118F WEEK 49 DOY 02-336/00:00 - 02-343/00:00

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
204	339 04:15:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9263 (D/L ONLY)					2DP
205	339 06:37:13	31	60RISE			10 DEGREE RISE DSC-60					1V
206	339 06:46:32	31	40 SET			10 DEGREE SET DSC-40					1V
207	339 12:00:00	31				VGR-31 OWLT IS 12H 07M 54S					1L
208	339 12:00:00	32				VGR-32 OWLT IS 09H 38M 28S					2L
209	339 12:35:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9263					2DP
210	339 12:49:20	32	40 SET			10 DEGREE SET DSC-40					2V
211	339 14:09:45	31	10RISE			10 DEGREE RISE DSC-10					1V
212	339 14:40:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9247 (D/L ONLY)					1DP
213	339 16:08:31	31				B- UVSLEW			31963:19:001F	02-339/04:00:35	1TB
214	339 16:08:31	31				SLEW TO HELIO-15B			31963:19:001F	02-339/04:00:35	1T
215	339 16:08:31	31				B- PLATPOA			31963:19:001F	02-339/04:00:35	1TB
216	339 16:08:31	31			AC7SPK	(1 12 1 096 119) EL SLEW R=LOW	AACS		31963:19:003F	02-339/04:00:36	1ECa
217	339 16:10:35	31				B- SLEND			31963:21:468F	02-339/04:02:39	1TB
218	339 16:10:35	31			SLEWEND	AZ=124.998 EL=135.230 CO=131.569			31963:21:468F	02-339/04:02:39	1T
219	339 17:50:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9248 (D/L ONLY)					1DP
220	339 18:09:38	31	60 SET			10 DEGREE SET DSC-60					1V
221	339 18:10:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9247					1DP
222	339 20:42:55	32	40RISE			10 DEGREE RISE DSC-40					2V
223	339 21:33:56	31	40RISE			10 DEGREE RISE DSC-40					1V
224	339 22:20:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-9248 (D/L ONLY)					1DP
225	339 22:40:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9248					1DP
226	340 00:00:00	31				VGR-31 OWLT IS 12H 07M 57S					1L

INTEGRATED SEQUENCE FOR JST A045F JSX B118F WEEK 49 DOY 02-336/00:00 - 02-343/00:00

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
227	340 00:00:00	32				VGR-32 OWLT IS 09H 38M 33S					2L
228	340 00:45:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9264 (D/L ONLY)					2DP
229	340 01:35:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-9248					1DP
230	340 01:35:54	31	10 SET			10 DEGREE SET DSC-10					1V
231	340 06:33:20	31	60RISE			10 DEGREE RISE DSC-60					1V
232	340 06:42:39	31	40 SET			10 DEGREE SET DSC-40					1V
233	340 12:00:00	31				VGR-31 OWLT IS 12H 07M 59S					1L
234	340 12:00:00	32				VGR-32 OWLT IS 09H 38M 37S					2L
235	340 12:35:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9264					2DP
236	340 12:45:27	32	40 SET			10 DEGREE SET DSC-40					2V
237	340 14:05:52	31	10RISE			10 DEGREE RISE DSC-10					1V
238	340 14:40:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9248 (D/L ONLY)					1DP
239	340 16:08:36	31				B- UVSLEW			31993:19:001F	02-340/04:00:35	1TB
240	340 16:08:36	31				SLEW TO HELIO-16B			31993:19:001F	02-340/04:00:35	1T
241	340 16:08:36	31				B- PLATPOA			31993:19:001F	02-340/04:00:35	1TB
242	340 16:08:36	31			AC7SPK	(1 12 2 111 207) EL SLEW R=LOW	AACS		31993:19:003F	02-340/04:00:36	1ECa
243	340 16:12:58	31				B- SLEND			31993:24:368F	02-340/04:04:57	1TB
244	340 16:12:58	31			SLEWEND	AZ=124.998 EL=114.035 CO=110.461			31993:24:368F	02-340/04:04:57	1T
245	340 18:05:45	31	60 SET			10 DEGREE SET DSC-60					1V
246	340 18:15:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9248					1DP
247	340 20:39:05	32	40RISE			10 DEGREE RISE DSC-40					2V
248	340 20:45:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9265 (D/L ONLY)					2DP
249	340 21:14:40	32				B- MISCMD			25857:52:001F	02-340/11:35:59	2TB

INTEGRATED SEQUENCE FOR JST A045F JSX B118F WEEK 49 DOY 02-336/00:00 - 02-343/00:00

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
250	340 21:14:40	32				MISCMD - GYROS AAC ON			25857:52:001F	02-340/11:35:59	2T
251	340 21:14:40	32				B- MEMUPD			25857:52:001F	02-340/11:35:59	2TB
252	340 21:14:40	32				MEMUPD - SELECT AAB GYROS			25857:52:001F	02-340/11:35:59	2T
253	340 21:14:40	32			AC7GYP	(100) DRIRU PATTERN CONTROL GYRO/AXIS=A/PITCH & YAW C/ROLL	AACS		25857:52:003F	02-340/11:35:59	2ECa
254	340 21:14:40	32			CC7GBRP	GYRO B OFF	PWR		25857:52:004F	02-340/11:35:59	2ECp
255	340 21:14:40	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: OFF	AACS		25857:52:004F	02-340/11:35:59	2ESa
256	340 21:14:40	32			CC7GBRP	GYRO B OFF	PWR		25857:52:006F	02-340/11:36:00	2ECp
257	340 21:14:40	32			CC7PC	(362) GYRO B OFF	AACS		25857:52:008F	02-340/11:36:00	2ECa
258	340 21:14:40	32			CC7GCP	GYRO C ON	PWR		25857:52:008F	02-340/11:36:00	2ECp
259	340 21:14:40	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: ON	AACS		25857:52:008F	02-340/11:36:00	2ESa
260	340 21:14:40	32			CC7GCP	GYRO C ON	PWR		25857:52:010F	02-340/11:36:00	2ECp
261	340 21:14:40	32			CC7PC	(373) GYRO C ON	AACS		25857:52:012F	02-340/11:36:00	2ECa
262	340 21:14:40	32			CC7GAP	GYRO A ON	PWR		25857:52:013F	02-340/11:36:00	2ECp
263	340 21:14:40	32				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 2 GYRO B: OFF CST : ON GRYO C: ON	AACS		25857:52:013F	02-340/11:36:00	2ESa
264	340 21:14:41	32			CC7GAP	GYRO A ON	PWR		25857:52:015F	02-340/11:36:00	2ECp



INTEGRATED SEQUENCE FOR JST A045F JSX B118F WEEK 49 DOY 02-336/00:00 - 02-343/00:00

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
265	340 21:14:41	32			CC7PC	(353) GYRO A ON	AACS		25857:52:017F	02-340/11:36:00	2ECa
266	340 21:15:10	32				B- MISCMD			25857:52:501F	02-340/11:36:29	2TB
267	340 21:15:10	32				MISCMD - Gyro Init			25857:52:501F	02-340/11:36:29	2T
268	340 21:15:10	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		25857:52:501F	02-340/11:36:29	2ECa
269	340 21:15:30	32				B- MISCMD			25857:53:034F	02-340/11:36:49	2TB
270	340 21:15:30	32				MISCMD - Set Calib			25857:53:034F	02-340/11:36:49	2T
271	340 21:15:30	32			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		25857:53:036F	02-340/11:36:49	2ECa
272	340 21:24:40	32				B- MISCMD			25858:04:401F	02-340/11:45:59	2TB
273	340 21:24:40	32				MISCMD - StartGyroFault			25858:04:401F	02-340/11:45:59	2T
274	340 21:24:40	32			CC7GY	(4) DRIRU FAULT TEST START	AACS		25858:04:401F	02-340/11:45:59	2ECa
275	340 21:30:03	31	40RISE			10 DEGREE RISE DSC-40					1V
276	340 23:55:00	31	34 AO	OPCH ACE		AOS DSS-34 PASS-9249 (D/L ONLY)					1DP
277	341 00:00:00	31				VGR-31 OWLT IS 12H 08M 01S					1L
278	341 00:00:00	32				VGR-32 OWLT IS 09H 38M 41S					2L
279	341 01:32:01	31	10 SET			10 DEGREE SET DSC-10					1V
280	341 03:03:30	32			AC7SSB	(3 -002) SS BIAS CONTROL - PITCH	AACS		25865:08:003F	02-340/17:24:47	2ECa
281	341 04:10:00	31	34 LO	OPCH ACE		LOS DSS-34 PASS-9249					1DP
282	341 05:23:50	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		32009:53:002F	02-340/17:15:48	1ECd
283	341 05:23:50	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2344	DTR		32009:53:002F	02-340/17:15:48	1ESd
284	341 05:38:06	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		32010:10:664F	02-340/17:30:03	1ECd



INTEGRATED SEQUENCE FOR JST A045F JSX B118F WEEK 49 DOY 02-336/00:00 - 02-343/00:00

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
300	341 08:25:27	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		32013:40:009F	02-340/20:17:24	1ECf
301	341 08:26:11	31				BEGIN RECORDING PWS DATA			32013:40:734F	02-340/20:18:07	1T
302	341 08:26:11	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		32013:40:735F	02-340/20:18:08	1ECd
303	341 08:26:11	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:2653	DTR		32013:40:735F	02-340/20:18:08	1ESd
304	341 08:26:15	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	32013:41:001F	02-340/20:18:11	1ESf
305	341 08:26:15	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		32013:41:002F	02-340/20:18:11	1ECs
306	341 08:26:16	31				B- DRCRUS			32013:41:018F	02-340/20:18:12	1TB
307	341 08:26:16	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		32013:41:026F	02-340/20:18:13	1ECf
308	341 08:27:03	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	32013:42:001F	02-340/20:18:59	1ESf

INTEGRATED SEQUENCE FOR JST A045F JSX B118F WEEK 49 DOY 02-336/00:00 - 02-343/00:00

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
309	341 08:27:03	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		32013:42:002F	02-340/20:18:59	1ECs
310	341 08:27:03	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		32013:42:002F	02-340/20:19:00	1ECd
311	341 08:27:03	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2360	DTR		32013:42:002F	02-340/20:19:00	1ESd
312	341 08:27:51	31			SC32AJ	(11) PLS CONFIG CMD	FDS		32013:43:009F	02-340/20:19:48	1ECf
313	341 08:27:52	31				END PWSREC.31			32013:43:018F	02-340/20:19:48	1T
314	341 10:33:27	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		32016:20:002F	02-340/22:25:24	1ECd
315	341 10:33:27	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2354	DTR		32016:20:002F	02-340/22:25:24	1ESd
316	341 10:33:52	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		32016:20:421F	02-340/22:25:49	1ECd
317	341 10:33:52	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2344	DTR		32016:20:421F	02-340/22:25:49	1ESd
318	341 12:00:00	31				VGR-31 OWLT IS 12H 08M 04S					1L
319	341 12:00:00	32				VGR-32 OWLT IS 09H 38M 45S					2L
320	341 12:41:34	32	40 SET			10 DEGREE SET DSC-40					2V
321	341 13:33:28	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		32020:05:002F	02-341/01:25:24	1ECd
322	341 13:33:28	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2344	DTR		32020:05:002F	02-341/01:25:24	1ESd

INTEGRATED SEQUENCE FOR JST A045F JSX B118F WEEK 49 DOY 02-336/00:00 - 02-343/00:00

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
323	341 14:02:00	31	10RISE			10 DEGREE RISE DSC-10					1V
324	341 14:35:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9249 (D/L ONLY)					1DP
325	341 16:08:40	31				B- UVSLEW			32023:19:001F	02-341/04:00:35	1TB
326	341 16:08:40	31				SLEW TO HELIO-17B			32023:19:001F	02-341/04:00:35	1T
327	341 16:08:40	31				B- PLATPOA			32023:19:001F	02-341/04:00:35	1TB
328	341 16:08:40	31			AC7SPK	(1 12 2 127 225) EL SLEW R=LOW	AACS		32023:19:003F	02-341/04:00:36	1ECa
329	341 16:13:24	31				B- SLEND			32023:24:734F	02-341/04:05:19	1TB
330	341 16:13:24	31			SLEWEND	AZ=124.998 EL=91.041 CO=87.556			32023:24:734F	02-341/04:05:19	1T
331	341 17:50:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9250 (D/L ONLY)					1DP
332	341 18:01:52	31	60 SET			10 DEGREE SET DSC-60					1V
333	341 18:10:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9249					1DP
334	341 18:13:29	31			AC7SSB	(4 +160) SS BIAS CONTROL --- YAW	AACS		32025:55:003F	02-341/06:05:24	1ECa
335	341 20:35:15	32	40RISE			10 DEGREE RISE DSC-40					2V
336	341 21:26:10	31	40RISE			10 DEGREE RISE DSC-40					1V
337	342 00:00:00	31				VGR-31 OWLT IS 12H 08M 06S					1L
338	342 00:00:00	32				VGR-32 OWLT IS 09H 38M 49S					2L
339	342 00:40:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9250					1DP
340	342 00:45:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9266 (D/L ONLY)					2DP
341	342 01:28:08	31	10 SET			10 DEGREE SET DSC-10					1V
342	342 06:25:34	31	60RISE			10 DEGREE RISE DSC-60					1V
343	342 06:34:54	31	40 SET			10 DEGREE SET DSC-40					1V
344	342 08:10:04	32			AC7SSB	(4 +183) SS BIAS CONTROL --- YAW	AACS		25901:31:003F	02-341/22:31:11	2ECa
345	342 12:00:00	31				VGR-31 OWLT IS 12H 08M 08S					1L

INTEGRATED SEQUENCE FOR JST A045F JSX B118F WEEK 49 DOY 02-336/00:00 - 02-343/00:00

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
346	342 12:00:00	32				VGR-32 OWLT IS 09H 38M 53S					2L
347	342 12:30:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9266					2DP
348	342 12:37:42	32	40 SET			10 DEGREE SET DSC-40					2V
349	342 13:58:07	31	10RISE			10 DEGREE RISE DSC-10					1V
350	342 14:05:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9250 (D/L ONLY)					1DP
351	342 16:08:45	31				B- UVSLEW			32053:19:001F	02-342/04:00:35	1TB
352	342 16:08:45	31				SLEW TO HELIO-18B			32053:19:001F	02-342/04:00:35	1T
353	342 16:08:45	31				B- PLATPOA			32053:19:001F	02-342/04:00:35	1TB
354	342 16:08:45	31			AC7SPK	(1 12 2 141 139) EL SLEW R=LOW	AACS		32053:19:003F	02-342/04:00:36	1ECa
355	342 16:12:53	31				B- SLEND			32053:24:134F	02-342/04:04:43	1TB
356	342 16:12:53	31			SLEWEND	AZ=124.998 EL=71.021 CO=67.679			32053:24:134F	02-342/04:04:43	1T
357	342 16:50:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9251 (D/L ONLY)					1DP
358	342 17:10:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9250					1DP
359	342 17:57:59	31	60 SET			10 DEGREE SET DSC-60					1V
360	342 20:31:24	32	40RISE			10 DEGREE RISE DSC-40					2V
361	342 21:14:56	32				B- MISCMD			25917:52:001F	02-342/11:35:59	2TB
362	342 21:14:56	32				MISCMD - Gyro Init			25917:52:001F	02-342/11:35:59	2T
363	342 21:14:56	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		25917:52:001F	02-342/11:35:59	2ECa
364	342 21:22:17	31	40RISE			10 DEGREE RISE DSC-40					1V
365	343 00:00:00	31				VGR-31 OWLT IS 12H 08M 10S					1L
366	343 00:00:00	32				VGR-32 OWLT IS 09H 38M 57S					2L