

INTEGRATED SEQUENCE FOR JST A036F JSX B109F WEEK 38 DOY 00-262/00:00 - 00-269/00:00

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	262 00:00:00	31				VGR-31 OWLT IS 10H 56M 31S					1L
2	262 00:00:00	32				VGR-32 OWLT IS 08H 32M 45S					2L
3	262 01:53:40	32	40RISE			10 DEGREE RISE DSC-40					2V
4	262 02:37:52	31	40RISE			10 DEGREE RISE DSC-40					1V
5	262 05:40:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8437					1DP
6	262 06:39:38	31	10 SET			10 DEGREE SET DSC-10					1V
7	262 07:55:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8453 (D/L ONLY)					2DP
8	262 11:35:06	31	60RISE			10 DEGREE RISE DSC-60					1V
9	262 11:44:25	31	40 SET			10 DEGREE SET DSC-40					1V
10	262 12:00:00	31				VGR-31 OWLT IS 10H 56M 37S					1L
11	262 12:00:00	32				VGR-32 OWLT IS 08H 32M 51S					2L
12	262 16:30:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8453					2DP
13	262 16:57:15	31				B- UVSLEW			07725:49:001F	00-262/06:00:35	1TB
14	262 16:57:15	31				SLEW TO HELIO-10A			07725:49:001F	00-262/06:00:35	1T
15	262 16:57:15	31				B- PLATPOA			07725:49:001F	00-262/06:00:35	1TB
16	262 16:57:15	31			AC7SPK	(1 12 1 071 142) EL SLEW R=LOW	AACS		07725:49:003F	00-262/06:00:36	1ECa
17	262 16:59:17	32			AC7SSB	(4 +186) SS BIAS CONTROL --- YAW	AACS		01583:55:003F	00-262/08:26:23	2ECa
18	262 16:59:43	31				B- SLEND			07725:52:068F	00-262/06:03:03	1TB
19	262 16:59:43	31			SLEWEND	AZ=299.982 EL=172.024 CO=173.330			07725:52:068F	00-262/06:03:03	1T
20	262 17:37:16	32	40 SET			10 DEGREE SET DSC-40					2V
21	262 19:07:47	31	10RISE			10 DEGREE RISE DSC-10					1V
22	262 19:50:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8438 (D/L ONLY)					1DP
23	262 23:09:39	31	60 SET			10 DEGREE SET DSC-60					1V

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24	262 23:30:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8438 (D/L ONLY)					1DP
25	262 23:50:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8438					1DP
26	263 00:00:00	31				VGR-31 OWLT IS 10H 56M 42S					1L
27	263 00:00:00	32				VGR-32 OWLT IS 08H 32M 56S					2L
28	263 01:49:43	32	40RISE			10 DEGREE RISE DSC-40					2V
29	263 02:33:56	31	40RISE			10 DEGREE RISE DSC-40					1V
30	263 03:40:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8438					1DP
31	263 06:35:41	31	10 SET			10 DEGREE SET DSC-10					1V
32	263 09:45:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8454 (D/L ONLY)					2DP
33	263 11:31:13	31	60RISE			10 DEGREE RISE DSC-60					1V
34	263 11:40:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8438 (D/L ONLY)					1DP
35	263 11:40:32	31	40 SET			10 DEGREE SET DSC-40					1V
36	263 12:00:00	31				VGR-31 OWLT IS 10H 56M 48S					1L
37	263 12:00:00	32				VGR-32 OWLT IS 08H 33M 02S					2L
38	263 13:32:37	31				B- RFSTLC			07751:33:001F	00-263/02:35:47	1TB
39	263 15:05:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8438					1DP
40	263 16:45:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8454					2DP
41	263 17:33:17	32	40 SET			10 DEGREE SET DSC-40					2V
42	263 19:03:54	31	10RISE			10 DEGREE RISE DSC-10					1V
43	263 19:20:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8439 (D/L ONLY)					1DP
44	263 19:57:28	31				B- UVSLEW			07759:34:001F	00-263/09:00:35	1TB
45	263 19:57:28	31				SLEW TO MIDPT-A			07759:34:001F	00-263/09:00:35	1T
46	263 19:57:28	31				B- PLATPOB			07759:34:001F	00-263/09:00:35	1TB

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47	263 19:57:28	31			AC7SPK	(1 12 1 093 214) EL SLEW R=LOW	AACS		07759:34:003F	00-263/09:00:36	1ECa
48	263 19:57:28	31			AC7SPK	(2 12 1 165 129) AZ SLEW R=LOW	AACS		07759:34:005F	00-263/09:00:36	1ECa
49	263 20:20:22	31				B- SLEND			07760:02:501F	00-263/09:23:29	1TB
50	263 20:20:22	31			SLEWEND	AZ=219.984 EL=140.021 CO=135.437			07760:02:501F	00-263/09:23:29	1T
51	263 20:24:50	32		ACE ALL		>>>>>>> 1 HR WARNING <<<<<<<<< FOR S/C-32 COMMAND MORATORIUM					2T
52	263 20:57:17	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
53	263 20:57:17	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
54	263 21:00:41	31				B- MAGROLBC.31			07760:53:001F	00-263/10:03:47	1TB
55	263 21:00:41	31				BEGIN MAGROLBC31			07760:53:001F	00-263/10:03:47	1T
56	263 21:00:41	31				B- YAW10			07760:53:001F	00-263/10:03:47	1TB
57	263 21:00:41	31				YAW10			07760:53:001F	00-263/10:03:47	1T
58	263 21:00:41	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		07760:53:004F	00-263/10:03:48	1ECa
59	263 21:01:30	31				B- DR5T			07760:54:018F	00-263/10:04:36	1TB
60	263 21:01:30	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		07760:54:026F	00-263/10:04:37	1ECf
61	263 21:02:17	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	07760:55:001F	00-263/10:05:23	1ESf

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62	263 21:02:17	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		07760:55:002F	00-263/10:05:24	1ECs
63	263 21:08:42	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR COMMANDED TURN D/L AGC VARIATIONS EXPECTED					11EC
64	263 21:10:42	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		07761:05:419F	00-263/10:13:49	1ECa
65	263 21:10:42	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS	07761:05:419F	00-263/10:13:49	1ESa	
66	263 21:10:42	31			CC7GARP	GYRO A OFF	PWR		07761:05:420F	00-263/10:13:49	1ECp
67	263 21:10:42	31			CC7GARP	GYRO A OFF	PWR		07761:05:422F	00-263/10:13:49	1ECp
68	263 21:10:42	31			CC7PC	(352) GYRO A OFF	AACS		07761:05:424F	00-263/10:13:49	1ECa
69	263 21:10:42	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		07761:05:425F	00-263/10:13:49	1ECp
70	263 21:10:42	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		07761:05:427F	00-263/10:13:49	1ECp
71	263 21:10:43	31			CC7PC	(312) DUMMY PWR CMD	AACS		07761:05:429F	00-263/10:13:49	1ECa
72	263 21:13:42	31			AC7TCD	(322 033478) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		07761:09:220F	00-263/10:16:49	1ECa
73	263 21:24:50	32		ACE ALL		BEGIN S/C-32 COMMAND MORATORIUM					2T
74	263 23:05:43	31	60 SET			10 DEGREE SET DSC-60					1V
75	264 00:00:00	31				VGR-31 OWLT IS 10H 56M 54S					1L
76	264 00:00:00	32				VGR-32 OWLT IS 08H 33M 08S					2L
77	264 01:41:56	31			SC32AJ	(10) PLS CONFIG CMD	FDS		07766:44:426F	00-263/14:45:01	1ECf
78	264 01:45:46	32	40RISE			10 DEGREE RISE DSC-40					2V

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79	264 02:15:27	31			SC32AJ	(11) PLS CONFIG CMD	FDS		07767:26:342F	00-263/15:18:32	1ECf
80	264 02:29:59	31	40RISE			10 DEGREE RISE DSC-40					1V
81	264 02:48:59	31				ROLL TURN COMPLETE (NOMINAL)			07768:08:268F	00-263/15:52:03	1T
82	264 02:50:31	31			CC7PC	(345) CMDED TURN COMPLETE	AACS		07768:10:200F	00-263/15:53:35	1ECa
83	264 02:52:44	31			SC32AJ	(11) PLS CONFIG CMD	FDS		07768:13:026F	00-263/15:55:49	1ECf
84	264 03:01:44	31				RESET CALIB			07768:24:218F	00-263/16:04:48	1T
85	264 03:01:44	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		07768:24:220F	00-263/16:04:49	1ECa
86	264 03:02:14	31			CC7SS	(1) SS SEARCH ENABLE	AACS		07768:24:719F	00-263/16:05:19	1ECa
87	264 03:02:14	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS	07768:24:719F	00-263/16:05:19	1ESa	
88	264 03:02:14	31			CC7PC	(327) IDET ACQUIRED	AACS		07768:24:719F	00-263/16:05:19	1ECa
89	264 03:02:14	31			CC7GARP	GYRO A OFF	PWR		07768:24:720F	00-263/16:05:19	1ECp
90	264 03:02:14	31			CC7GARP	GYRO A OFF	PWR		07768:24:722F	00-263/16:05:19	1ECp
91	264 03:02:14	31			CC7PC	(352) GYRO A OFF	AACS		07768:24:724F	00-263/16:05:19	1ECa
92	264 03:02:14	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		07768:24:725F	00-263/16:05:19	1ECp
93	264 03:02:14	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		07768:24:727F	00-263/16:05:19	1ECp
94	264 03:02:15	31			CC7PC	(312) DUMMY PWR CMD	AACS		07768:24:729F	00-263/16:05:19	1ECa
95	264 03:08:15	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		07768:32:319F	00-263/16:11:19	1ECa
96	264 03:09:20	31				GYROS OFF			07768:33:601F	00-263/16:12:23	1T

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97	264 03:09:20	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		07768:33:602F	00-263/16:12:24	1ESa
98	264 03:09:20	31			CC7PC	(307) STAR ACQUIRED	AACS		07768:33:602F	00-263/16:12:24	1ECa
99	264 03:09:20	31			CC7GCRP	GYRO C OFF	PWR		07768:33:603F	00-263/16:12:24	1ECp
100	264 03:09:20	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF	AACS		07768:33:603F	00-263/16:12:24	1ESa
101	264 03:09:20	31			CC7GCRP	GYRO C OFF	PWR		07768:33:605F	00-263/16:12:24	1ECp
102	264 03:09:20	31			CC7PC	(372) GYRO C OFF	AACS		07768:33:607F	00-263/16:12:24	1ECa
103	264 03:09:20	31			CC7GBRP	GYRO B OFF	PWR		07768:33:608F	00-263/16:12:24	1ECp
104	264 03:09:20	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: OFF	AACS		07768:33:608F	00-263/16:12:24	1ESa
105	264 03:09:20	31			CC7GBRP	GYRO B OFF	PWR		07768:33:610F	00-263/16:12:24	1ECp
106	264 03:09:21	31			CC7PC	(362) GYRO B OFF	AACS		07768:33:612F	00-263/16:12:24	1ECa
107	264 03:09:21	31			CC7GARP	GYRO A OFF	PWR		07768:33:613F	00-263/16:12:24	1ECp
108	264 03:09:21	31			CC7GARP	GYRO A OFF	PWR		07768:33:615F	00-263/16:12:24	1ECp
109	264 03:09:21	31			CC7PC	(352) GYRO A OFF	AACS		07768:33:617F	00-263/16:12:24	1ECa
110	264 03:09:21	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		07768:33:617F	00-263/16:12:24	1ECp
111	264 03:09:21	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		07768:33:619F	00-263/16:12:25	1ECp
112	264 03:09:21	31			CC7PC	(312) DUMMY PWR CMD	AACS		07768:33:622F	00-263/16:12:25	1ECa

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113	264 03:16:32	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
114	264 03:16:32	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
115	264 03:17:45	31				B- YAWDB			07768:44:218F	00-263/16:20:48	1TB
116	264 03:17:45	31				YAWDB - .10			07768:44:218F	00-263/16:20:48	1T
117	264 03:17:45	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		07768:44:221F	00-263/16:20:49	1ECa
118	264 03:20:45	31				B- DRCRUS			07768:48:018F	00-263/16:23:48	1TB
119	264 03:20:45	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		07768:48:026F	00-263/16:23:49	1ECf
120	264 03:21:32	31		ACE OPCH		 FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	07768:49:001F	00-263/16:24:35	1ESf
121	264 03:21:32	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		07768:49:002F	00-263/16:24:35	1ECs
122	264 03:21:33	31				END MAGROLBC31			07768:49:018F	00-263/16:24:36	1T
123	264 04:08:58	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
124	264 04:08:58	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
125	264 04:09:46	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf

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126	264 04:09:46	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
127	264 04:13:10	32				BEGIN PWSREC			01627:57:001F	00-263/19:39:59	2T
128	264 04:13:10	32				B- DRGS4B			01627:57:001F	00-263/19:39:59	2TB
129	264 04:13:10	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		01627:57:009F	00-263/19:40:00	2ECf
130	264 04:13:54	32				BEGIN RECORDING PWS DATA			01627:57:734F	00-263/19:40:43	2T
131	264 04:13:54	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		01627:57:735F	00-263/19:40:43	2ECd
132	264 04:13:54	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:0848	DTR		01627:57:735F	00-263/19:40:43	2ESd
133	264 04:13:58	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	01627:58:001F	00-263/19:40:47	2ESf
134	264 04:13:58	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		01627:58:002F	00-263/19:40:47	2ECs
135	264 04:13:59	32				B- DRCRUS			01627:58:018F	00-263/19:40:48	2TB
136	264 04:13:59	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		01627:58:025F	00-263/19:40:49	2ECf

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151	264 05:14:21	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		07771:10:009F	00-263/18:17:24	1ECf
152	264 05:15:05	31				BEGIN RECORDING PWS DATA			07771:10:734F	00-263/18:18:07	1T
153	264 05:15:05	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		07771:10:735F	00-263/18:18:08	1ECd
154	264 05:15:05	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:1445	DTR		07771:10:735F	00-263/18:18:08	1ESd
155	264 05:15:09	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	07771:11:001F	00-263/18:18:11	1ESf
156	264 05:15:09	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		07771:11:002F	00-263/18:18:12	1ECs
157	264 05:15:10	31				B- DRCRUS			07771:11:018F	00-263/18:18:12	1TB
158	264 05:15:10	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		07771:11:026F	00-263/18:18:13	1ECf
159	264 05:15:57	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	07771:12:001F	00-263/18:18:59	1ESf
160	264 05:15:57	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		07771:12:002F	00-263/18:19:00	1ECd

INTEGRATED SEQUENCE FOR JST A036F JSX B109F WEEK 38 DOY 00-262/00:00 - 00-269/00:00

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
161	264 05:15:57	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1737	DTR		07771:12:002F	00-263/18:19:00	1ESd
162	264 05:15:57	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		07771:12:002F	00-263/18:19:00	1ECs
163	264 05:16:45	31			SC32AJ	(11) PLS CONFIG CMD	FDS		07771:13:010F	00-263/18:19:48	1ECF
164	264 05:16:46	31				END PWSREC.31			07771:13:018F	00-263/18:19:48	1T
165	264 05:39:23	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESF
166	264 05:39:23	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
167	264 05:39:35	32				BEGIN PMPCALLR			01629:45:001F	00-263/21:06:23	2T
168	264 05:39:35	32				INITIATE PMPCAL CYCLIC			01629:45:001F	00-263/21:06:23	2T
169	264 05:39:35	32				PMPCAL LOOPS=27D22H24M 13 TIMES			01629:45:001F	00-263/21:06:23	2T
170	264 05:43:35	32				B- DRCR5T			01629:50:001F	00-263/21:10:23	2TB
171	264 05:43:35	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		01629:50:008F	00-263/21:10:24	2ECF
172	264 05:44:23	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	01629:51:001F	00-263/21:11:11	2ESF

INTEGRATED SEQUENCE FOR JST A036F JSX B109F WEEK 38 DOY 00-262/00:00 - 00-269/00:00

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
173	264 05:44:23	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		01629:51:001F	00-263/21:11:11	2ECs
174	264 05:50:47	32			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		01629:59:008F	00-263/21:17:36	2ECF
175	264 05:51:35	32				BEGIN PLS/MAG/PESCAL			01630:00:001F	00-263/21:18:23	2T
176	264 06:31:45	31	10 SET			10 DEGREE SET DSC-10					1V
177	264 07:33:59	32				END PLSCAL			01632:08:001F	00-263/23:00:47	2T
178	264 08:54:00	32				END MAGCAL			01633:48:001F	00-264/00:20:47	2T
179	264 09:07:24	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
180	264 09:07:24	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
181	264 09:11:36	32				END PESCAL			01634:10:001F	00-264/00:38:23	2T
182	264 09:11:36	32				B- DRCRUS			01634:10:001F	00-264/00:38:23	2TB
183	264 09:11:36	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		01634:10:010F	00-264/00:38:24	2ECf
184	264 09:12:24	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	01634:11:001F	00-264/00:39:11	2ESf
185	264 09:12:24	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		01634:11:002F	00-264/00:39:11	2ECs

SOE YEAR-DAY: 2000-264

PRINTED ON DAY: 247 PAGE 13

INTEGRATED SEQUENCE FOR JST A036F JSX B109F WEEK 38 DOY 00-262/00:00 - 00-269/00:00

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
186	264 09:12:25	32				END PMPCALLR			01634:11:018F	00-264/00:39:12	2T
187	264 09:30:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8455					2DP
188	264 11:27:19	31	60RISE			10 DEGREE RISE DSC-60					1V
189	264 11:36:38	31	40 SET			10 DEGREE SET DSC-40					1V
190	264 12:00:00	31				VGR-31 OWLT IS 10H 57M 00S					1L
191	264 12:00:00	32				VGR-32 OWLT IS 08H 33M 14S					2L
192	264 13:55:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8455 (D/L ONLY)					2DP
193	264 13:56:15	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					22EC
194	264 14:01:15	32				X BAND LOW POWER			01640:12:001F	00-264/05:27:59	2T
195	264 14:01:15	32			DC2HR	X-BAND TWT LOW POWER	RFS		01640:12:002F	00-264/05:27:59	2ECr
196	264 14:05:15	32				END PWSPBA32			01640:17:001F	00-264/05:31:59	2T
197	264 14:05:15	32			CC1T	BAY 1 HTR ON	PWR		01640:17:001F	00-264/05:31:59	2ECp
198	264 16:00:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8439 (D/L ONLY)					1DP
199	264 16:57:38	31				B- UVSLEW			07785:49:001F	00-264/06:00:35	1TB
200	264 16:57:38	31				SLEW TO HELIO-11A			07785:49:001F	00-264/06:00:35	1T
201	264 16:57:38	31				B- PLATPOB			07785:49:001F	00-264/06:00:35	1TB
202	264 16:57:38	31			AC7SPK	(2 12 2 098 079) AZ SLEW R=LOW	AACS		07785:49:003F	00-264/06:00:36	1ECa
203	264 16:57:38	31			AC7SPK	(1 12 2 068 132) EL SLEW R=LOW	AACS		07785:49:005F	00-264/06:00:36	1ECa
204	264 17:10:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8455					2DP
205	264 17:24:16	31				B- SLEND			07786:22:234F	00-264/06:27:13	1TB
206	264 17:24:16	31			SLEWEND	AZ=125.000 EL=176.032 CO=170.581			07786:22:234F	00-264/06:27:13	1T
207	264 17:29:18	32	40 SET			10 DEGREE SET DSC-40					2V
208	264 19:00:00	31	10RISE			10 DEGREE RISE DSC-10					1V

INTEGRATED SEQUENCE FOR JST A036F JSX B109F WEEK 38 DOY 00-262/00:00 - 00-269/00:00

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
209	264 21:10:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8439					1DP
210	264 21:45:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8440 (U/L PASS)					1DP
211	264 23:01:46	31	60 SET			10 DEGREE SET DSC-60					1V
212	264 23:07:17	31			AC7SSB	(4 +142) SS BIAS CONTROL --- YAW	AACS		07793:31:003F	00-264/12:10:12	1ECa
213	265 00:00:00	31				VGR-31 OWLT IS 10H 57M 06S					1L
214	265 00:00:00	32				VGR-32 OWLT IS 08H 33M 19S					2L
215	265 01:41:50	32	40RISE			10 DEGREE RISE DSC-40					2V
216	265 02:26:03	31	40RISE			10 DEGREE RISE DSC-40					1V
217	265 03:45:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8440					1DP
218	265 06:27:49	31	10 SET			10 DEGREE SET DSC-10					1V
219	265 09:25:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8456 (D/L ONLY)					2DP
220	265 11:23:26	31	60RISE			10 DEGREE RISE DSC-60					1V
221	265 11:32:45	31	40 SET			10 DEGREE SET DSC-40					1V
222	265 12:00:00	31				VGR-31 OWLT IS 10H 57M 11S					1L
223	265 12:00:00	32				VGR-32 OWLT IS 08H 33M 25S					2L
224	265 16:00:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8440 (D/L ONLY)					1DP
225	265 16:57:50	31				B- UVSLEW			07815:49:001F	00-265/06:00:35	1TB
226	265 16:57:50	31				SLEW TO HELIO-12A			07815:49:001F	00-265/06:00:35	1T
227	265 16:57:50	31				B- PLATPOA			07815:49:001F	00-265/06:00:35	1TB
228	265 16:57:50	31			AC7SPK	(1 12 1 076 107) EL SLEW R=LOW	AACS		07815:49:003F	00-265/06:00:36	1ECa
229	265 17:00:09	31				B- SLEND			07815:51:718F	00-265/06:02:54	1TB
230	265 17:00:09	31			SLEWEND	AZ=125.000 EL=165.546 CO=160.790			07815:51:718F	00-265/06:02:54	1T
231	265 17:10:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8456					2DP

INTEGRATED SEQUENCE FOR JST A036F JSX B109F WEEK 38 DOY 00-262/00:00 - 00-269/00:00

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	265 17:25:20	32	40	SET		10 DEGREE SET DSC-40					2V
233	265 18:56:06	31	10	RISE		10 DEGREE RISE DSC-10					1V
234	265 20:58:28	32		ACE	ALL	END S/C-32 COMMAND MORATORIUM					2T
235	265 22:57:50	31	60	SET		10 DEGREE SET DSC-60					1V
236	265 23:10:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8440					1DP
237	265 23:30:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-8441 (D/L ONLY)					1DP
238	266 00:00:00	31				VGR-31 OWLT IS 10H 57M 17S					1L
239	266 00:00:00	32				VGR-32 OWLT IS 08H 33M 31S					2L
240	266 01:37:53	32	40	RISE		10 DEGREE RISE DSC-40					2V
241	266 02:22:06	31	40	RISE		10 DEGREE RISE DSC-40					1V
242	266 05:50:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-8441					1DP
243	266 06:23:53	31	10	SET		10 DEGREE SET DSC-10					1V
244	266 06:45:00	32	34	AO	OPCH ACE	AOS DSS-34 PASS-8457 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
245	266 11:00:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-8441 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
246	266 11:19:32	31	60	RISE		10 DEGREE RISE DSC-60					1V
247	266 11:28:51	31	40	SET		10 DEGREE SET DSC-40					1V
248	266 12:00:00	31				VGR-31 OWLT IS 10H 57M 23S					1L
249	266 12:00:00	32				VGR-32 OWLT IS 08H 33M 37S					2L
250	266 13:30:00	31	63	OPCH	63	== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD

INTEGRATED SEQUENCE FOR JST A036F JSX B109F WEEK 38 DOY 00-262/00:00 - 00-269/00:00

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
251	266 13:30:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
252	266 13:31:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
253	266 13:32:00	31	63	OPCH 63		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
254	266 13:57:00	31	63	OPCH 63		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
255	266 14:05:39	32				END BASLIN			01700:17:018F	00-266/05:32:00	2T
256	266 15:00:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8441					1DP
257	266 16:50:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8457					2DP
258	266 16:58:01	31				B- UVSLEW			07845:49:001F	00-266/06:00:35	1TB
259	266 16:58:01	31				SLEW TO HELIO-13A			07845:49:001F	00-266/06:00:35	1T
260	266 16:58:01	31				B- PLATPOA			07845:49:001F	00-266/06:00:35	1TB
261	266 16:58:01	31			AC7SPK	(1 12 2 084 117) EL SLEW R=LOW	AACS		07845:49:003F	00-266/06:00:36	1ECa
262	266 17:00:27	31				B- SLEND			07845:52:034F	00-266/06:03:01	1TB
263	266 17:00:27	31			SLEWEND	AZ=125.000 EL=154.029 CO=149.527			07845:52:034F	00-266/06:03:01	1T
264	266 17:21:22	32	40 SET			10 DEGREE SET DSC-40					2V
265	266 18:52:12	31	10RISE			10 DEGREE RISE DSC-10					1V
266	266 22:53:54	31	60 SET			10 DEGREE SET DSC-60					1V

INTEGRATED SEQUENCE FOR JST A036F JSX B109F WEEK 38 DOY 00-262/00:00 - 00-269/00:00

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
267	266 23:30:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8442 (D/L ONLY)					1DP
268	267 00:00:00	31				VGR-31 OWLT IS 10H 57M 29S					1L
269	267 00:00:00	32				VGR-32 OWLT IS 08H 33M 43S					2L
270	267 01:33:57	32	40RISE			10 DEGREE RISE DSC-40					2V
271	267 02:18:10	31	40RISE			10 DEGREE RISE DSC-40					1V
272	267 04:06:33	32			AC7SSB	(4 +187) SS BIAS CONTROL --- YAW	AACS		01717:48:003F	00-266/19:32:47	2ECa
273	267 05:00:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8442					1DP
274	267 06:19:57	31	10 SET			10 DEGREE SET DSC-10					1V
275	267 07:45:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8458 (D/L ONLY)					2DP
276	267 11:15:39	31	60RISE			10 DEGREE RISE DSC-60					1V
277	267 11:24:58	31	40 SET			10 DEGREE SET DSC-40					1V
278	267 11:25:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8442 (D/L ONLY)					1DP
279	267 11:52:03	31	63	OPCH 63		== START TLC TEST DOWN-LINK ==					1TD
280	267 12:00:00	31				VGR-31 OWLT IS 10H 57M 35S					1L
281	267 12:00:00	32				VGR-32 OWLT IS 08H 33M 48S					2L
282	267 12:53:03	31	63	OPCH 63		== END TLC TEST DOWN-LINK ==					1TD
283	267 16:58:13	31				B- UVSLEW			07875:49:001F	00-267/06:00:35	1TB
284	267 16:58:13	31				SLEW TO HELIO-14A			07875:49:001F	00-267/06:00:35	1T
285	267 16:58:13	31				B- PLATPOA			07875:49:001F	00-267/06:00:35	1TB
286	267 16:58:13	31			AC7SPK	(1 12 2 090 170) EL SLEW R=LOW	AACS		07875:49:003F	00-267/06:00:36	1ECa
287	267 17:00:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8458					2DP

INTEGRATED SEQUENCE FOR JST A036F JSX B109F WEEK 38 DOY 00-262/00:00 - 00-269/00:00

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
288	267 17:00:09	31				B- SLEND			07875:51:334F	00-267/06:02:31	1TB
289	267 17:00:09	31			SLEWEND	AZ=125.000 EL=145.017 CO=140.621			07875:51:334F	00-267/06:02:31	1T
290	267 17:17:23	32	40	SET		10 DEGREE SET DSC-40					2V
291	267 18:48:19	31	10	RISE		10 DEGREE RISE DSC-10					1V
292	267 20:40:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-8443 (D/L ONLY)					1DP
293	267 21:00:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8442					1DP
294	267 22:49:58	31	60	SET		10 DEGREE SET DSC-60					1V
295	268 00:00:00	31				VGR-31 OWLT IS 10H 57M 40S					1L
296	268 00:00:00	32				VGR-32 OWLT IS 08H 33M 54S					2L
297	268 01:30:00	32	40	RISE		10 DEGREE RISE DSC-40					2V
298	268 02:14:14	31	40	RISE		10 DEGREE RISE DSC-40					1V
299	268 05:00:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-8443					1DP
300	268 06:16:01	31	10	SET		10 DEGREE SET DSC-10					1V
301	268 08:20:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-8459 (D/L ONLY)					2DP
302	268 10:55:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-8443 (D/L ONLY)					1DP
303	268 11:11:45	31	60	RISE		10 DEGREE RISE DSC-60					1V
304	268 11:21:05	31	40	SET		10 DEGREE SET DSC-40					1V
305	268 12:00:00	31				VGR-31 OWLT IS 10H 57M 46S					1L
306	268 12:00:00	32				VGR-32 OWLT IS 08H 34M 00S					2L
307	268 14:55:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8443					1DP
308	268 16:55:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-8459					2DP
309	268 16:58:24	31				B- UVSLEW			07905:49:001F	00-268/06:00:35	1TB
310	268 16:58:24	31				SLEW TO HELIO-15A			07905:49:001F	00-268/06:00:35	1T

INTEGRATED SEQUENCE FOR JST A036F JSX B109F WEEK 38 DOY 00-262/00:00 - 00-269/00:00

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
311	268 16:58:24	31				B- PLATPOA			07905:49:001F	00-268/06:00:35	1TB
312	268 16:58:24	31			AC7SPK	(1 12 1 097 126) EL SLEW R=LOW	AACS		07905:49:003F	00-268/06:00:36	1ECa
313	268 17:00:32	31				B- SLEND			07905:51:534F	00-268/06:02:43	1TB
314	268 17:00:32	31			SLEWEND	AZ=125.000 EL=135.021 CO=130.694			07905:51:534F	00-268/06:02:43	1T
315	268 17:13:25	32	40	SET		10 DEGREE SET DSC-40					2V
316	268 18:44:25	31	10	RISE		10 DEGREE RISE DSC-10					1V
317	268 19:25:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-8444 (D/L ONLY)					1DP
318	268 21:45:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-8444					1DP
319	268 21:45:00	31	24	AO	OPCH ACE	AOS DSS-24 PASS-8444 (D/L ONLY)					1DP
320	268 22:46:01	31	60	SET		10 DEGREE SET DSC-60					1V
321	269 00:00:00	31				VGR-31 OWLT IS 10H 57M 52S					1L
322	269 00:00:00	32				VGR-32 OWLT IS 08H 34M 06S					2L