

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 49 DOY 00-339/00:00 - 00-346/00:00

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
16	339 07:21:15	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:0558	DTR		10023:34:735F	00-338/20:13:20	1ESd
17	339 07:21:19	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	10023:35:001F	00-338/20:13:23	1ESf
18	339 07:21:19	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		10023:35:002F	00-338/20:13:23	1ECs
19	339 07:21:20	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		10023:35:026F	00-338/20:13:25	1ECf
20	339 07:22:07	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10023:36:001F	00-338/20:14:11	1ESf
21	339 07:22:07	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		10023:36:002F	00-338/20:14:11	1ECs
22	339 07:22:07	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10023:36:002F	00-338/20:14:12	1ECd
23	339 07:22:07	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:0851	DTR		10023:36:002F	00-338/20:14:12	1ESd
24	339 07:22:55	31			SC32AJ	(11) PLS CONFIG CMD	FDS		10023:37:009F	00-338/20:15:00	1ECf

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 49 DOY 00-339/00:00 - 00-346/00:00

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
25	339 07:32:35	32			AC7SSB	(3 -003) SS BIAS CONTROL - PITCH	AACS		03881:49:003F	00-338/22:45:35	2ECa
26	339 08:00:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8530 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
27	339 08:32:00	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
28	339 08:37:00	32				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:2944	DTR		03883:09:405F	00-338/23:50:00	2ESd
29	339 08:37:00	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	03883:09:405F	00-338/23:50:00	2ESf
30	339 10:08:31	31				B- UVSLEW			10027:04:001F	00-338/23:00:35	1TB
31	339 10:08:31	31				SLEW TO HELIO-15B			10027:04:001F	00-338/23:00:35	1T
32	339 10:08:31	31				B- PLATPOA			10027:04:001F	00-338/23:00:35	1TB
33	339 10:08:31	31			AC7SPK	(1 12 1 097 126) EL SLEW R=LOW	AACS		10027:04:003F	00-338/23:00:36	1ECa
34	339 10:10:39	31				B- SLEND			10027:06:534F	00-338/23:02:43	1TB
35	339 10:10:39	31			SLEWEND	AZ=125.000 EL=135.021 CO=131.075			10027:06:534F	00-338/23:02:43	1T
36	339 11:25:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8514					1DP
37	339 12:00:00	31				VGR-31 OWLT IS 11H 07M 56S					1L
38	339 12:00:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8514 (D/L ONLY)					1DP
39	339 12:00:00	32				VGR-32 OWLT IS 08H 47M 01S					2L
40	339 12:15:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8530					2DP
41	339 12:35:00	32	40 SET			10 DEGREE SET DSC-40					2V
42	339 14:09:09	31	10RISE			10 DEGREE RISE DSC-10					1V

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 49 DOY 00-339/00:00 - 00-346/00:00

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
54	339 16:41:22	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		10035:15:026F	00-339/05:33:25	1ECf
55	339 16:42:09	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10035:16:001F	00-339/05:34:11	1ESf
56	339 16:42:09	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		10035:16:002F	00-339/05:34:11	1ECs
57	339 16:42:09	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10035:16:002F	00-339/05:34:12	1ECd
58	339 16:42:09	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1150	DTR		10035:16:002F	00-339/05:34:12	1ESd
59	339 16:42:57	31			SC32AJ	(11) PLS CONFIG CMD	FDS		10035:17:009F	00-339/05:35:00	1ECf
60	339 17:00:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-8514					1DP
61	339 18:08:42	31	60 SET			10 DEGREE SET DSC-60					1V
62	339 20:40:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8531 (D/L ONLY)					2DP
63	339 20:50:49	32	40RISE			10 DEGREE RISE DSC-40					2V
64	339 21:32:58	31	40RISE			10 DEGREE RISE DSC-40					1V
65	339 22:08:34	31				B- UVSLEW			10042:04:001F	00-339/11:00:35	1TB
66	339 22:08:34	31				SLEW TO HELIO-16B			10042:04:001F	00-339/11:00:35	1T
67	339 22:08:34	31				B- PLATPOA			10042:04:001F	00-339/11:00:35	1TB
68	339 22:08:34	31			AC7SPK	(1 12 2 111 206) EL SLEW R=LOW	AACS		10042:04:003F	00-339/11:00:36	1ECa
69	339 22:12:54	31				B- SLEND			10042:09:334F	00-339/11:04:55	1TB

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 49 DOY 00-339/00:00 - 00-346/00:00

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
85	340 02:01:22	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	10046:55:001F	00-339/14:53:23	1ESf
86	340 02:01:22	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		10046:55:002F	00-339/14:53:23	1ECs
87	340 02:01:23	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		10046:55:026F	00-339/14:53:25	1ECf
88	340 02:02:10	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10046:56:001F	00-339/14:54:11	1ESf
89	340 02:02:10	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		10046:56:002F	00-339/14:54:11	1ECs
90	340 02:02:10	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10046:56:002F	00-339/14:54:12	1ECd
91	340 02:02:10	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1449	DTR		10046:56:002F	00-339/14:54:12	1ESd
92	340 02:02:58	31			SC32AJ	(11) PLS CONFIG CMD	FDS		10046:57:009F	00-339/14:55:00	1ECf
93	340 02:55:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8531					2DP
94	340 05:45:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-8531 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
95	340 06:32:48	31	60RISE			10 DEGREE RISE DSC-60					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
112	340 11:21:20	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:1456	DTR		10058:34:735F	00-340/00:13:20	1ESd
113	340 11:21:24	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	10058:35:001F	00-340/00:13:23	1ESf
114	340 11:21:24	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		10058:35:002F	00-340/00:13:24	1ECs
115	340 11:21:25	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		10058:35:026F	00-340/00:13:25	1ECf
116	340 11:22:12	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10058:36:001F	00-340/00:14:11	1ESf
117	340 11:22:12	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		10058:36:002F	00-340/00:14:11	1ECs
118	340 11:22:12	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10058:36:002F	00-340/00:14:12	1ECd
119	340 11:22:12	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1748	DTR		10058:36:002F	00-340/00:14:12	1ESd
120	340 11:23:00	31				END HPAUSE			10058:37:001F	00-340/00:14:59	1T

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121	340 11:23:00	31			SC32AJ	(11) PLS CONFIG CMD	FDS		10058:37:009F	00-340/00:15:00	1ECf
122	340 11:23:48	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		10058:38:002F	00-340/00:15:48	1ECd
123	340 11:23:48	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1755	DTR		10058:38:002F	00-340/00:15:48	1ESd
124	340 11:30:00	31	54	AO	OPCH ACE	AOS DSS-54 PASS-8515 (D/L ONLY)					1DP
125	340 11:37:15	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10058:54:652F	00-340/00:29:14	1ECd
126	340 11:37:15	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2046	DTR		10058:54:652F	00-340/00:29:14	1ESd
127	340 12:00:00	31				VGR-31 OWLT IS 11H 08M 00S					1L
128	340 12:00:00	32				VGR-32 OWLT IS 08H 47M 09S					2L
129	340 12:31:08	32	40	SET		10 DEGREE SET DSC-40					2V
130	340 14:05:17	31	10	RISE		10 DEGREE RISE DSC-10					1V
131	340 14:23:49	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		10062:23:002F	00-340/03:15:48	1ECd
132	340 16:25:00	31	54	LO	OPCH ACE	LOS DSS-54 PASS-8515					1DP
133	340 16:59:11	32			AC7SSB	(4 +184) SS BIAS CONTROL --- YAW	AACS		03923:37:003F	00-340/08:11:59	2ECa
134	340 18:04:49	31	60	SET		10 DEGREE SET DSC-60					1V
135	340 19:28:38	31			AC7SSB	(3 +010) SS BIAS CONTROL - PITCH	AACS		10068:44:003F	00-340/08:20:36	1ECa
136	340 20:46:59	32	40	RISE		10 DEGREE RISE DSC-40					2V
137	340 20:55:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-8516 (D/L ONLY)					1DP
138	340 21:29:05	31	40	RISE		10 DEGREE RISE DSC-40					1V
139	340 22:08:38	31				B- UVSLEW			10072:04:001F	00-340/11:00:35	1TB

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 49 DOY 00-339/00:00 - 00-346/00:00

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
156	341 00:03:57	32				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:2 TIC:2944	DTR		03932:27:735F	00-340/15:16:43	2ESd
157	341 00:04:01	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	03932:28:001F	00-340/15:16:47	2ESf
158	341 00:04:01	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		03932:28:002F	00-340/15:16:47	2ECs
159	341 00:04:02	32				B- DRCRUS			03932:28:018F	00-340/15:16:48	2TB
160	341 00:04:02	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		03932:28:025F	00-340/15:16:49	2ECf
161	341 00:04:49	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	03932:29:001F	00-340/15:17:35	2ESf
162	341 00:04:49	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		03932:29:001F	00-340/15:17:35	2ECd
163	341 00:04:49	32				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:2653	DTR		03932:29:001F	00-340/15:17:35	2ESd
164	341 00:04:49	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		03932:29:002F	00-340/15:17:35	2ECs

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 49 DOY 00-339/00:00 - 00-346/00:00

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177	341 01:02:15	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	10075:41:001F	00-340/13:54:11	1ESf
178	341 01:02:15	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		10075:41:002F	00-340/13:54:11	1ECs
179	341 01:02:16	31				B- DRCRUS			10075:41:018F	00-340/13:54:12	1TB
180	341 01:02:16	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		10075:41:026F	00-340/13:54:13	1ECf
181	341 01:03:03	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10075:42:001F	00-340/13:54:59	1ESf
182	341 01:03:03	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		10075:42:002F	00-340/13:54:59	1ECs
183	341 01:03:03	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10075:42:002F	00-340/13:55:00	1ECd
184	341 01:03:03	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2338	DTR		10075:42:002F	00-340/13:55:00	1ESd
185	341 01:03:51	31			SC32AJ	(11) PLS CONFIG CMD	FDS		10075:43:009F	00-340/13:55:48	1ECf
186	341 01:03:52	31				END PWSREC.31			10075:43:018F	00-340/13:55:48	1T
187	341 01:05:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8516					1DP

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235	341 21:00:43	31			CC3A	(39310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=39 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		10100:39:002F	00-341/09:52:35	1ECs
236	341 21:10:07	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
237	341 21:14:19	31			SC06BB	(16 0 14 1) FDS MODE TO: EH-12 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : MOD CRUISE AACS READOUT MODE : MEMORY	FDS		10100:56:009F	00-341/10:06:12	1ECf
238	341 21:15:06	31				START AACS MEM R/O			10100:56:784F	00-341/10:06:58	1T
239	341 21:15:07	31		ACE OPCH		FDS STATUS EH-12/X1.2K/S(N/A) MEM:PA/FDS11	FDS	AA-12	10100:57:001F	00-341/10:06:59	1ESf
240	341 21:15:07	31			AC7MLD	(0000) MISC LOGIC CNTL MEM DUMP	AACS		10100:57:003F	00-341/10:07:00	1ECa
241	341 21:25:13	31	40RISE			10 DEGREE RISE DSC-40					1V
242	341 21:30:07	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
243	341 21:34:19	31			SC06PV	(8004) FDS TREE SWITCH ID CCS MEMORY READ OUT	FDS		10101:21:009F	00-341/10:26:12	1ECf
244	341 21:34:20	31			SC06BB	(16 0 02 0) FDS MODE TO: EH-12 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CCS MEM R/O AACS READOUT MODE : TELEMETRY	FDS		10101:21:019F	00-341/10:26:13	1ECf
245	341 21:35:05	31				END AACS R/O			10101:21:768F	00-341/10:26:57	1T
246	341 21:35:06	31				BEGIN CCS MEM R/O			10101:21:784F	00-341/10:26:58	1T

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 49 DOY 00-339/00:00 - 00-346/00:00

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	341 21:59:07	31				END FDS MEM R/O			10101:52:001F	00-341/10:50:59	1T
260	341 21:59:07	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10101:52:001F	00-341/10:50:59	1ESf
261	341 21:59:07	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		10101:52:002F	00-341/10:50:59	1ECs
262	341 21:59:08	31				END FULMRO			10101:52:018F	00-341/10:51:00	1T
263	341 22:08:43	31				B- UVSLEW			10102:04:001F	00-341/11:00:35	1TB
264	341 22:08:43	31				SLEW TO HELIO-20B			10102:04:001F	00-341/11:00:35	1T
265	341 22:08:43	31				B- PLATPOA			10102:04:001F	00-341/11:00:35	1TB
266	341 22:08:43	31			AC7SPK	(1 12 2 173 176) EL SLEW R=LOW	AACS		10102:04:003F	00-341/11:00:36	1ECa
267	341 22:13:28	31				B- SLEND			10102:09:751F	00-341/11:05:20	1TB
268	341 22:13:28	31			SLEWEND	AZ=125.000 EL=25.026 CO=21.919			10102:09:751F	00-341/11:05:20	1T
269	342 00:00:00	31				VGR-31 OWLT IS 11H 08M 07S					1L
270	342 00:00:00	32				VGR-32 OWLT IS 08H 47M 22S					2L
271	342 01:25:00	31	14	LO	OPCH ACE	LOS DSS-14 PASS-8517					1DP
272	342 01:27:12	31	10	SET		10 DEGREE SET DSC-10					1V
273	342 01:30:00	32	34	LO	OPCH ACE	LOS DSS-34 PASS-8533					2DP
274	342 05:30:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-8533 (D/L ONLY)					2DP
275	342 05:40:09	32			ACE ALL	>>>>>>> 1 HR WARNING <<<<<<<<< FOR S/C-32 COMMAND MORATORIUM					2T
276	342 06:20:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-8517 (D/L ONLY)					1DP
277	342 06:25:03	31	60	RISE		10 DEGREE RISE DSC-60					1V

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 49 DOY 00-339/00:00 - 00-346/00:00

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
278	342 06:34:23	31	40	SET		10 DEGREE SET DSC-40					1V
279	342 06:40:09	32		ACE ALL		BEGIN S/C-32 COMMAND MORATORIUM					2T
280	342 10:20:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8517					1DP
281	342 12:00:00	31				VGR-31 OWLT IS 11H 08M 09S					1L
282	342 12:00:00	32				VGR-32 OWLT IS 08H 47M 26S					2L
283	342 12:20:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-8533					2DP
284	342 12:23:24	32	40	SET		10 DEGREE SET DSC-40					2V
285	342 13:57:32	31		10RISE		10 DEGREE RISE DSC-10					1V
286	342 14:35:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-8518 (D/L ONLY)					1DP
287	342 17:45:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-8518					1DP
288	342 17:57:03	31	60	SET		10 DEGREE SET DSC-60					1V
289	342 20:39:19	32		40RISE		10 DEGREE RISE DSC-40					2V
290	342 21:21:20	31		40RISE		10 DEGREE RISE DSC-40					1V
291	342 23:35:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-8534 (D/L ONLY)					2DP
292	342 23:45:06	32				B- GAIN.32			03992:04:001F	00-342/14:57:35	2TB
293	342 23:45:06	32				BEGIN GAIN32			03992:04:001F	00-342/14:57:35	2T
294	342 23:45:06	32				B- GYONAB.32			03992:04:001F	00-342/14:57:35	2TB
295	342 23:45:06	32				BEGIN GYONAB32			03992:04:001F	00-342/14:57:35	2T
296	342 23:45:06	32			AC7GYP	(000) DRIRU PATTERN CONTROL GYRO/AXIS=A/PITCH & YAW B/ROLL	AACS		03992:04:003F	00-342/14:57:35	2ECa
297	342 23:45:06	32			CC7GCRP	GYRO C OFF	PWR		03992:04:004F	00-342/14:57:35	2ECp

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 49 DOY 00-339/00:00 - 00-346/00:00

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
298	342 23:45:06	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: OFF	AACS		03992:04:004F	00-342/14:57:35	2ESa
299	342 23:45:06	32			CC7GCRP	GYRO C OFF	PWR		03992:04:006F	00-342/14:57:36	2ECp
300	342 23:45:06	32			CC7PC	(372) GYRO C OFF	AACS		03992:04:008F	00-342/14:57:36	2ECa
301	342 23:45:06	32			CC7GBP	GYRO B ON	PWR		03992:04:009F	00-342/14:57:36	2ECp
302	342 23:45:06	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF	AACS		03992:04:009F	00-342/14:57:36	2ESa
303	342 23:45:06	32			CC7GBP	GYRO B ON	PWR		03992:04:011F	00-342/14:57:36	2ECp
304	342 23:45:06	32			CC7PC	(363) GYRO B ON	AACS		03992:04:013F	00-342/14:57:36	2ECa
305	342 23:45:07	32			CC7GAP	GYRO A ON	PWR		03992:04:014F	00-342/14:57:36	2ECp
306	342 23:45:07	32				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF	AACS		03992:04:014F	00-342/14:57:36	2ESa
307	342 23:45:07	32			CC7GAP	GYRO A ON	PWR		03992:04:016F	00-342/14:57:36	2ECp
308	342 23:45:07	32			CC7PC	(353) GYRO A ON	AACS		03992:04:018F	00-342/14:57:36	2ECa
309	342 23:45:35	32				DRIRU INITIALIZATION			03992:04:484F	00-342/14:58:04	2T
310	342 23:45:36	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		03992:04:501F	00-342/14:58:05	2ECa
311	342 23:46:05	32				SET CALIB			03992:05:184F	00-342/14:58:34	2T
312	342 23:46:06	32			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		03992:05:203F	00-342/14:58:35	2ECa
313	342 23:55:05	32				START GYRO FAULT TEST			03992:16:384F	00-342/15:07:34	2T

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 49 DOY 00-339/00:00 - 00-346/00:00

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
314	342 23:55:06	32			CC7GY	(4) DRIRU FAULT TEST START	AACS		03992:16:401F	00-342/15:07:35	2ECa
315	342 23:55:07	32				END GYONAB32			03992:16:418F	00-342/15:07:36	2T
316	342 23:58:42	32				B- MISCMD			03992:21:001F	00-342/15:11:11	2TB
317	342 23:58:42	32				MISCMD - DIS GYRO FAULT CK			03992:21:001F	00-342/15:11:11	2T
318	342 23:58:42	32			CC7GY	(5) DRIRU FAULT TEST STOP	AACS		03992:21:001F	00-342/15:11:11	2ECa
319	342 23:59:30	32				B- GYONBC.32			03992:22:001F	00-342/15:11:59	2TB
320	342 23:59:30	32				BEGIN GYONBC32			03992:22:001F	00-342/15:11:59	2T
321	342 23:59:30	32			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		03992:22:003F	00-342/15:11:59	2ECa
322	342 23:59:30	32			CC7GARP	GYRO A OFF	PWR		03992:22:004F	00-342/15:11:59	2ECp
323	342 23:59:30	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF	AACS	03992:22:004F	00-342/15:11:59	2ESa	
324	342 23:59:30	32			CC7GARP	GYRO A OFF	PWR		03992:22:006F	00-342/15:12:00	2ECp
325	342 23:59:30	32			CC7PC	(352) GYRO A OFF	AACS		03992:22:008F	00-342/15:12:00	2ECa
326	342 23:59:30	32			CC7GCP	GYRO C ON	PWR		03992:22:009F	00-342/15:12:00	2ECp
327	342 23:59:30	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS	03992:22:009F	00-342/15:12:00	2ESa	
328	342 23:59:30	32			CC7GCP	GYRO C ON	PWR		03992:22:011F	00-342/15:12:00	2ECp
329	342 23:59:30	32			CC7PC	(373) GYRO C ON	AACS		03992:22:013F	00-342/15:12:00	2ECa
330	342 23:59:59	32				DRIRU INITIALIZATION			03992:22:484F	00-342/15:12:28	2T
331	343 00:00:00	31				VGR-31 OWLT IS 11H 08M 12S					1L

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 49 DOY 00-339/00:00 - 00-346/00:00

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
332	343 00:00:00	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		03992:22:501F	00-342/15:12:29	2ECa
333	343 00:00:00	32				VGR-32 OWLT IS 08H 47M 30S					2L
334	343 00:00:29	32				SET CALIB			03992:23:184F	00-342/15:12:58	2T
335	343 00:00:30	32			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		03992:23:203F	00-342/15:12:59	2ECa
336	343 00:09:29	32				START GYRO FAULT TEST			03992:34:384F	00-342/15:21:58	2T
337	343 00:09:30	32			CC7GY	(4) DRIRU FAULT TEST START	AACS		03992:34:401F	00-342/15:21:59	2ECa
338	343 00:09:31	32				END GYONBC32			03992:34:418F	00-342/15:22:00	2T
339	343 00:45:06	32				B- CCSTIMB			03993:19:001F	00-342/15:57:35	2TB
340	343 00:45:06	32				EXECUTE CCSTIMB FINE			03993:19:001F	00-342/15:57:35	2T
341	343 01:23:20	31	10	SET		10 DEGREE SET DSC-10					1V
342	343 02:00:00	32	34	AO	OPCH ACE	AOS DSS-34 PASS-8534 (D/L ONLY)					2DP
343	343 02:20:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-8534					2DP
344	343 02:43:31	32			AC7SSB	(3 -002) SS BIAS CONTROL - PITCH	AACS		03995:47:003F	00-342/17:55:59	2ECa
345	343 06:20:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-8518 (D/L ONLY)					1DP
346	343 06:21:11	31	60	RISE		10 DEGREE RISE DSC-60					1V
347	343 06:30:30	31	40	SET		10 DEGREE SET DSC-40					1V
348	343 09:35:00	32	34	LO	OPCH ACE	LOS DSS-34 PASS-8534					2DP
349	343 10:27:13	31			AC7SSB	(4 +161) SS BIAS CONTROL --- YAW	AACS		10147:27:003F	00-342/23:19:00	1ECa
350	343 11:30:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8518					1DP
351	343 12:00:00	31				VGR-31 OWLT IS 11H 08M 14S					1L
352	343 12:00:00	32				VGR-32 OWLT IS 08H 47M 34S					2L
353	343 12:19:32	32	40	SET		10 DEGREE SET DSC-40					2V
354	343 13:53:39	31	10	RISE		10 DEGREE RISE DSC-10					1V

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 49 DOY 00-339/00:00 - 00-346/00:00

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
355	343 17:53:10	31	60	SET		10 DEGREE SET DSC-60					1V
356	343 20:15:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-8535 (D/L ONLY)					2DP
357	343 20:35:29	32	40	RISE		10 DEGREE RISE DSC-40					2V
358	343 21:10:00	31	24	AO	OPCH ACE	AOS DSS-24 PASS-8519 (D/L ONLY)					1DP
359	343 21:17:27	31	40	RISE		10 DEGREE RISE DSC-40					1V
360	344 00:00:00	31				VGR-31 OWLT IS 11H 08M 16S					1L
361	344 00:00:00	32				VGR-32 OWLT IS 08H 47M 38S					2L
362	344 00:15:00	31	24	LO	OPCH ACE	LOS DSS-24 PASS-8519					1DP
363	344 01:19:27	31	10	SET		10 DEGREE SET DSC-10					1V
364	344 06:17:18	31	60	RISE		10 DEGREE RISE DSC-60					1V
365	344 06:24:17	32			ACE ALL						2T
						END S/C-32 COMMAND MORATORIUM					
366	344 06:26:38	31	40	SET		10 DEGREE SET DSC-40					1V
367	344 07:15:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-8519 (D/L ONLY)					1DP
368	344 10:40:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-8519					1DP
369	344 12:00:00	31				VGR-31 OWLT IS 11H 08M 18S					1L
370	344 12:00:00	32				VGR-32 OWLT IS 08H 47M 42S					2L
371	344 12:15:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-8535					2DP
372	344 12:15:40	32	40	SET		10 DEGREE SET DSC-40					2V
373	344 13:49:47	31	10	RISE		10 DEGREE RISE DSC-10					1V
374	344 15:05:00	31	24	AO	OPCH ACE	AOS DSS-24 PASS-8520 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
375	344 17:49:17	31	60	SET		10 DEGREE SET DSC-60					1V

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 49 DOY 00-339/00:00 - 00-346/00:00

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
376	344 18:30:00	31	24	OPCH 24		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
377	344 18:30:00	31	24	OPCH 24		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
378	344 18:31:00	31	24	OPCH 24		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
379	344 18:32:00	31	24	OPCH 24		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
380	344 18:57:00	31	24	OPCH 24		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
381	344 20:08:55	31				B- UVSLEW			10189:34:001F	00-344/09:00:35	1TB
382	344 20:08:55	31				SLEW TO HELIO-20A			10189:34:001F	00-344/09:00:35	1T
383	344 20:31:39	32	40RISE			10 DEGREE RISE DSC-40					2V
384	344 21:13:34	31	40RISE			10 DEGREE RISE DSC-40					1V
385	344 22:45:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8536 (D/L ONLY)					2DP
386	344 23:20:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8520					1DP
387	345 00:00:00	31				VGR-31 OWLT IS 11H 08M 20S					1L
388	345 00:00:00	32				VGR-32 OWLT IS 08H 47M 46S					2L
389	345 00:36:34	32			AC7SSB	(4 +183) SS BIAS CONTROL --- YAW	AACS		04053:08:003F	00-344/15:48:47	2ECa

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 49 DOY 00-339/00:00 - 00-346/00:00

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
390	345 01:15:34	31	10	SET		10 DEGREE SET DSC-10					1V
391	345 06:10:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-8520 (D/L ONLY)					1DP
392	345 06:13:26	31	60	RISE		10 DEGREE RISE DSC-60					1V
393	345 06:15:00	32	34	LO	OPCH ACE	LOS DSS-34 PASS-8536					2DP
394	345 06:22:45	31	40	SET		10 DEGREE SET DSC-40					1V
395	345 11:10:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8520					1DP
396	345 12:00:00	31				VGR-31 OWLT IS 11H 08M 22S					1L
397	345 12:00:00	32				VGR-32 OWLT IS 08H 47M 50S					2L
398	345 12:11:49	32	40	SET		10 DEGREE SET DSC-40					2V
399	345 13:45:54	31	10	RISE		10 DEGREE RISE DSC-10					1V
400	345 14:10:34	31			AC7SSB	(3 +009) SS BIAS CONTROL - PITCH	AACS		10212:06:003F	00-345/03:02:12	1ECa
401	345 16:30:00	31	14	AO	OPCH ACE	AOS DSS-14 PASS-8521 (D/L ONLY)					1DP
402	345 17:13:46	31	14		OPCH 14	== START TLC TEST DOWN-LINK ==					1TD
403	345 17:45:24	31	60	SET		10 DEGREE SET DSC-60					1V
404	345 18:14:46	31	14		OPCH 14	== END TLC TEST DOWN-LINK ==					1TD
405	345 20:08:59	31				B- UVSLEW			10219:34:001F	00-345/09:00:35	1TB
406	345 20:08:59	31				SLEW TO HELIO-19A			10219:34:001F	00-345/09:00:35	1T
407	345 20:08:59	31				B- PLATPOA			10219:34:001F	00-345/09:00:35	1TB
408	345 20:08:59	31			AC7SPK	(1 12 1 157 028) EL SLEW R=LOW	AACS		10219:34:003F	00-345/09:00:36	1ECa
409	345 20:13:49	31				B- SLEND			10219:40:034F	00-345/09:05:25	1TB
410	345 20:13:49	31			SLEWEND	AZ=125.000 EL=47.988 CO=44.546			10219:40:034F	00-345/09:05:25	1T

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 49 DOY 00-339/00:00 - 00-346/00:00

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
411	345 20:27:49	32	40RISE			10 DEGREE RISE DSC-40					2V
412	345 21:09:41	31	40RISE			10 DEGREE RISE DSC-40					1V
413	346 00:00:00	31				VGR-31 OWLT IS 11H 08M 24S					1L
414	346 00:00:00	32				VGR-32 OWLT IS 08H 47M 54S					2L