

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
17	332 07:44:39	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:1457	DTR		09814:04:735F	00-331/20:37:20	1ESd
18	332 07:44:43	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09814:05:001F	00-331/20:37:23	1ESf
19	332 07:44:43	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		09814:05:002F	00-331/20:37:24	1ECs
20	332 07:44:44	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		09814:05:026F	00-331/20:37:25	1ECf
21	332 07:45:31	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09814:06:001F	00-331/20:38:11	1ESf
22	332 07:45:31	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		09814:06:002F	00-331/20:38:12	1ECs
23	332 07:45:31	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09814:06:002F	00-331/20:38:12	1ECd
24	332 07:45:31	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1164	DTR		09814:06:002F	00-331/20:38:12	1ESd
25	332 07:46:19	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09814:07:009F	00-331/20:39:00	1ECf

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 48 DOY 00-332/00:00 - 00-339/00:00

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
45	332 17:03:09	31				AHELIO PWSREC 14			09825:43:001F	00-332/05:55:47	1T
46	332 17:03:09	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09825:43:009F	00-332/05:55:48	1ECf
47	332 17:03:57	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		09825:44:009F	00-332/05:56:36	1ECf
48	332 17:04:41	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09825:44:735F	00-332/05:57:20	1ECd
49	332 17:04:41	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:1157	DTR		09825:44:735F	00-332/05:57:20	1ESd
50	332 17:04:45	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09825:45:001F	00-332/05:57:23	1ESf
51	332 17:04:45	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		09825:45:002F	00-332/05:57:24	1ECs
52	332 17:04:46	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		09825:45:026F	00-332/05:57:25	1ECf
53	332 17:05:33	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09825:46:001F	00-332/05:58:11	1ESf

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	332 17:05:33	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		09825:46:002F	00-332/05:58:11	1ECs
55	332 17:05:33	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09825:46:002F	00-332/05:58:12	1ECd
56	332 17:05:33	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:0865	DTR		09825:46:002F	00-332/05:58:12	1ESd
57	332 17:06:21	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09825:47:009F	00-332/05:59:00	1ECf
58	332 18:35:53	31	60 SET			10 DEGREE SET DSC-60					1V
59	332 21:17:40	32	40RISE			10 DEGREE RISE DSC-40					2V
60	332 22:00:09	31	40RISE			10 DEGREE RISE DSC-40					1V
61	332 22:07:58	31				B- UVSLEW			09832:04:001F	00-332/11:00:35	1TB
62	332 22:07:58	31				SLEW TO HELIO-4B			09832:04:001F	00-332/11:00:35	1T
63	332 22:07:58	31				B- PLATPOB			09832:04:001F	00-332/11:00:35	1TB
64	332 22:07:58	31			AC7SPK	(1 12 2 110 172) EL SLEW R=LOW	AACS		09832:04:003F	00-332/11:00:36	1ECa
65	332 22:07:58	31			AC7SPL	(2 12 1 255 222) AZ SLEW R=LOW	AACS		09832:04:005F	00-332/11:00:36	1ECa
66	332 22:10:11	31				B- SLEND			09832:06:618F	00-332/11:02:48	1TB
67	332 22:10:11	31			SLEWEND	AZ=319.959 EL=115.015 CO=119.877			09832:06:618F	00-332/11:02:48	1T
68	333 00:00:00	31				VGR-31 OWLT IS 11H 07M 22S					1L
69	333 00:00:00	32				VGR-32 OWLT IS 08H 46M 03S					2L
70	333 01:30:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8508					1DP
71	333 02:02:09	31	10 SET			10 DEGREE SET DSC-10					1V
72	333 02:19:47	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 48 DOY 00-332/00:00 - 00-339/00:00

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
83	333 02:24:48	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		09837:25:026F	00-332/15:17:25	1ECf
84	333 02:25:35	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09837:26:001F	00-332/15:18:11	1ESf
85	333 02:25:35	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		09837:26:002F	00-332/15:18:12	1ECs
86	333 02:25:35	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09837:26:002F	00-332/15:18:12	1ECd
87	333 02:25:35	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:0566	DTR		09837:26:002F	00-332/15:18:12	1ESd
88	333 02:26:23	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09837:27:009F	00-332/15:19:00	1ECf
89	333 05:45:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-8524 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
90	333 06:59:55	31		60RISE		10 DEGREE RISE DSC-60					1V
91	333 07:09:14	31		40 SET		10 DEGREE SET DSC-40					1V
92	333 10:08:01	31				B- UVSLEW			09847:04:001F	00-332/23:00:35	1TB
93	333 10:08:01	31				SLEW TO HELIO-5B			09847:04:001F	00-332/23:00:35	1T
94	333 10:08:01	31				B- PLATPOA			09847:04:001F	00-332/23:00:35	1TB
95	333 10:08:01	31			AC7SPK	(1 12 2 103 083) EL SLEW R=LOW	AACS		09847:04:003F	00-332/23:00:36	1ECa
96	333 10:10:09	31				B- SLEND			09847:06:534F	00-332/23:02:43	1TB
97	333 10:10:09	31			SLEWEND	AZ=319.959 EL=125.012 CO=129.847			09847:06:534F	00-332/23:02:43	1T

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 48 DOY 00-332/00:00 - 00-339/00:00

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
109	333 11:44:50	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		09849:05:026F	00-333/00:37:25	1ECf
110	333 11:45:37	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09849:06:001F	00-333/00:38:11	1ESf
111	333 11:45:37	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		09849:06:002F	00-333/00:38:11	1ECs
112	333 11:45:37	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09849:06:002F	00-333/00:38:12	1ECd
113	333 11:45:37	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:0267	DTR		09849:06:002F	00-333/00:38:12	1ESd
114	333 11:46:25	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09849:07:009F	00-333/00:39:00	1ECf
115	333 11:47:13	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		09849:08:002F	00-333/00:39:48	1ECd
116	333 11:47:13	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0260	DTR		09849:08:002F	00-333/00:39:48	1ESd
117	333 12:00:00	31				VGR-31 OWLT IS 11H 07M 25S					1L
118	333 12:00:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-8524					2DP
119	333 12:00:00	32				VGR-32 OWLT IS 08H 46M 08S					2L
120	333 12:56:02	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09850:34:018F	00-333/01:48:36	1ECd

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 48 DOY 00-332/00:00 - 00-339/00:00

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
163	334 01:24:52	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		09866:10:009F	00-333/14:17:24	1ECf
164	334 01:25:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8509					1DP
165	334 01:25:36	31				BEGIN RECORDING PWS DATA			09866:10:734F	00-333/14:18:07	1T
166	334 01:25:36	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09866:10:735F	00-333/14:18:08	1ECd
167	334 01:25:36	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:1747	DTR		09866:10:735F	00-333/14:18:08	1ESd
168	334 01:25:40	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09866:11:001F	00-333/14:18:11	1ESf
169	334 01:25:40	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		09866:11:002F	00-333/14:18:11	1ECs
170	334 01:25:41	31				B- DRCRUS			09866:11:018F	00-333/14:18:12	1TB
171	334 01:25:41	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		09866:11:026F	00-333/14:18:13	1ECf
172	334 01:26:28	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09866:12:001F	00-333/14:18:59	1ESf

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 48 DOY 00-332/00:00 - 00-339/00:00

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	334 01:26:28	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		09866:12:002F	00-333/14:18:59	1ECs
174	334 01:26:28	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09866:12:002F	00-333/14:19:00	1ECd
175	334 01:26:28	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2039	DTR		09866:12:002F	00-333/14:19:00	1ESd
176	334 01:27:16	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09866:13:009F	00-333/14:19:48	1ECf
177	334 01:27:17	31				END PWSREC.31			09866:13:018F	00-333/14:19:48	1T
178	334 01:58:16	31	10 SET			10 DEGREE SET DSC-10					1V
179	334 06:00:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8525 (D/L ONLY)					2DP
180	334 06:56:02	31	60RISE			10 DEGREE RISE DSC-60					1V
181	334 07:05:22	31	40 SET			10 DEGREE SET DSC-40					1V
182	334 10:08:06	31				B- UVSLEW			09877:04:001F	00-333/23:00:35	1TB
183	334 10:08:06	31				SLEW TO HELIO-7B			09877:04:001F	00-333/23:00:35	1T
184	334 10:08:06	31				B- PLATPOA			09877:04:001F	00-333/23:00:35	1TB
185	334 10:08:06	31			AC7SPK	(1 12 2 088 100) EL SLEW R=LOW	AACS		09877:04:003F	00-333/23:00:36	1ECa
186	334 10:10:50	31				B- SLEND			09877:07:334F	00-333/23:03:19	1TB
187	334 10:10:50	31			SLEWEND	AZ=319.959 EL=147.006 CO=151.691			09877:07:334F	00-333/23:03:19	1T
188	334 12:00:00	31				VGR-31 OWLT IS 11H 07M 31S					1L
189	334 12:00:00	32				VGR-32 OWLT IS 08H 46M 17S					2L
190	334 12:07:19	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		09879:33:002F	00-334/00:59:48	1ECd

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 48 DOY 00-332/00:00 - 00-339/00:00

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	334 15:11:19	31				AHELIO PWSREC 17			09883:23:001F	00-334/04:03:47	1T
205	334 15:11:19	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09883:23:009F	00-334/04:03:48	1ECf
206	334 15:12:07	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		09883:24:009F	00-334/04:04:36	1ECf
207	334 15:12:51	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09883:24:735F	00-334/04:05:20	1ECd
208	334 15:12:51	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:3550	DTR		09883:24:735F	00-334/04:05:20	1ESd
209	334 15:12:55	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09883:25:001F	00-334/04:05:23	1ESf
210	334 15:12:55	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		09883:25:002F	00-334/04:05:24	1ECs
211	334 15:12:56	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		09883:25:026F	00-334/04:05:25	1ECf
212	334 15:13:43	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09883:26:001F	00-334/04:06:11	1ESf

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 48 DOY 00-332/00:00 - 00-339/00:00

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
213	334 15:13:43	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		09883:26:002F	00-334/04:06:11	1ECs
214	334 15:13:43	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09883:26:002F	00-334/04:06:12	1ECd
215	334 15:13:43	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:3257	DTR		09883:26:002F	00-334/04:06:12	1ESd
216	334 15:14:31	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09883:27:009F	00-334/04:07:00	1ECf
217	334 17:40:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8510 (D/L ONLY)					1DP
218	334 18:00:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8509					1DP
219	334 18:28:06	31	60 SET			10 DEGREE SET DSC-60					1V
220	334 20:00:56	31				B- MEMUPD			09889:25:001F	00-334/08:53:23	1TB
221	334 20:00:56	31				MEMUPD - DIS AHELIO			09889:25:001F	00-334/08:53:23	1T
222	334 21:10:00	32	40RISE			10 DEGREE RISE DSC-40					2V
223	334 21:52:23	31	40RISE			10 DEGREE RISE DSC-40					1V
224	334 22:08:09	31				B- UVSLEW			09892:04:001F	00-334/11:00:35	1TB
225	334 22:08:09	31				SLEW TO HELIO-8B			09892:04:001F	00-334/11:00:35	1T
226	334 22:08:09	31				B- PLATPOA			09892:04:001F	00-334/11:00:35	1TB
227	334 22:08:09	31			AC7SPK	(1 12 2 082 047) EL SLEW R=LOW	AACS		09892:04:003F	00-334/11:00:36	1ECa
228	334 22:10:05	31				B- SLEND			09892:06:334F	00-334/11:02:31	1TB
229	334 22:10:05	31			SLEWEND	AZ=319.959 EL=156.010 CO=160.530			09892:06:334F	00-334/11:02:31	1T
230	335 00:00:00	31				VGR-31 OWLT IS 11H 07M 33S					1L
231	335 00:00:00	32				VGR-32 OWLT IS 08H 46M 21S					2L

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 48 DOY 00-332/00:00 - 00-339/00:00

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
243	335 00:32:58	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		09895:05:026F	00-334/13:25:25	1ECf
244	335 00:33:45	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09895:06:001F	00-334/13:26:11	1ESf
245	335 00:33:45	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		09895:06:002F	00-334/13:26:11	1ECs
246	335 00:33:45	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09895:06:002F	00-334/13:26:12	1ECd
247	335 00:33:45	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2958	DTR		09895:06:002F	00-334/13:26:12	1ESd
248	335 00:34:33	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09895:07:009F	00-334/13:27:00	1ECf
249	335 01:20:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8510					1DP
250	335 01:54:23	31	10 SET			10 DEGREE SET DSC-10					1V
251	335 03:12:10	31			AC7SSB	(4 +159) SS BIAS CONTROL --- YAW	AACS		09898:24:002F	00-334/16:04:36	1ECa
252	335 05:30:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8526 (D/L ONLY)					2DP
253	335 06:52:10	31	60RISE			10 DEGREE RISE DSC-60					1V
254	335 07:01:29	31	40 SET			10 DEGREE SET DSC-40					1V
255	335 09:47:59	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
256	335 09:47:59	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 48 DOY 00-332/00:00 - 00-339/00:00

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	335 09:53:47	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09906:46:001F	00-334/22:46:11	1ESf
268	335 09:53:47	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		09906:46:002F	00-334/22:46:11	1ECs
269	335 09:53:47	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09906:46:002F	00-334/22:46:12	1ECd
270	335 09:53:47	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2659	DTR		09906:46:002F	00-334/22:46:12	1ESd
271	335 09:54:35	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09906:47:009F	00-334/22:47:00	1ECf
272	335 10:00:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-8510 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
273	335 10:08:11	31				B- UVSLEW			09907:04:001F	00-334/23:00:35	1TB
274	335 10:08:11	31				SLEW TO HELIO-9B			09907:04:001F	00-334/23:00:35	1T
275	335 10:08:11	31				B- PLATPOA			09907:04:001F	00-334/23:00:35	1TB
276	335 10:08:11	31			AC7SPK	(1 12 1 075 125) EL SLEW R=LOW	AACS		09907:04:003F	00-334/23:00:36	1ECa
277	335 10:10:07	31				B- SLEND			09907:06:334F	00-334/23:02:31	1TB
278	335 10:10:07	31			SLEWEND	AZ=319.959 EL=165.030 CO=169.106			09907:06:334F	00-334/23:02:31	1T
279	335 10:30:00	31	54	OPCH 54		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 48 DOY 00-332/00:00 - 00-339/00:00

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
304	335 19:13:49	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09918:26:001F	00-335/08:06:11	1ESf
305	335 19:13:49	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		09918:26:002F	00-335/08:06:11	1ECs
306	335 19:13:49	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09918:26:002F	00-335/08:06:12	1ECd
307	335 19:13:49	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2360	DTR		09918:26:002F	00-335/08:06:12	1ESd
308	335 19:14:37	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09918:27:009F	00-335/08:07:00	1ECf
309	335 21:06:09	32	40RISE			10 DEGREE RISE DSC-40					2V
310	335 21:48:30	31	40RISE			10 DEGREE RISE DSC-40					1V
311	335 22:08:14	31				B- UVSLEW			09922:04:001F	00-335/11:00:35	1TB
312	335 22:08:14	31				SLEW TO HELIO-10B			09922:04:001F	00-335/11:00:35	1T
313	335 22:08:14	31				B- PLATPOA			09922:04:001F	00-335/11:00:35	1TB
314	335 22:08:14	31			AC7SPK	(1 12 1 068 036) EL SLEW R=LOW	AACS		09922:04:003F	00-335/11:00:36	1ECa
315	335 22:10:22	31				B- SLEND			09922:06:534F	00-335/11:02:43	1TB
316	335 22:10:22	31			SLEWEND	AZ=319.959 EL=175.032 CO=175.784			09922:06:534F	00-335/11:02:43	1T
317	336 00:00:00	31				VGR-31 OWLT IS 11H 07M 38S					1L
318	336 00:00:00	32				VGR-32 OWLT IS 08H 46M 30S					2L
319	336 00:46:39	31			AC7SSB	(3 +011) SS BIAS CONTROL - PITCH	AACS		09925:22:003F	00-335/13:39:00	1ECa
320	336 01:50:30	31	10 SET			10 DEGREE SET DSC-10					1V

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 48 DOY 00-332/00:00 - 00-339/00:00

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	336 04:33:04	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		09930:05:026F	00-335/17:25:25	1ECf
333	336 04:33:51	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09930:06:001F	00-335/17:26:11	1ESf
334	336 04:33:51	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		09930:06:002F	00-335/17:26:11	1ECs
335	336 04:33:51	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09930:06:002F	00-335/17:26:12	1ECd
336	336 04:33:51	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2061	DTR		09930:06:002F	00-335/17:26:12	1ESd
337	336 04:34:39	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09930:07:009F	00-335/17:27:00	1ECf
338	336 06:00:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8527 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
339	336 06:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8511 (D/L ONLY)					1DP
340	336 06:48:18	31	60RISE			10 DEGREE RISE DSC-60					1V
341	336 06:57:37	31	40 SET			10 DEGREE SET DSC-40					1V
342	336 09:12:21	31	63	OPCH 63		== START TLC TEST DOWN-LINK ==					1TD
343	336 09:21:46	32			AC7SSB	(4 +185) SS BIAS CONTROL --- YAW	AACS		03794:06:003F	00-336/00:35:11	2ECa
344	336 10:08:17	31				B- UVSLEW			09937:04:001F	00-335/23:00:35	1TB
345	336 10:08:17	31				SLEW TO MIDPNT-B			09937:04:001F	00-335/23:00:35	1T

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 48 DOY 00-332/00:00 - 00-339/00:00

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
362	336 13:56:17	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		09941:49:009F	00-336/02:48:36	1ECf
363	336 13:57:01	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09941:49:735F	00-336/02:49:20	1ECd
364	336 13:57:01	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:2054	DTR		09941:49:735F	00-336/02:49:20	1ESd
365	336 13:57:05	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09941:50:001F	00-336/02:49:23	1ESf
366	336 13:57:05	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		09941:50:002F	00-336/02:49:24	1ECs
367	336 13:57:06	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		09941:50:026F	00-336/02:49:25	1ECf
368	336 13:57:53	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09941:51:001F	00-336/02:50:11	1ESf
369	336 13:57:53	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		09941:51:002F	00-336/02:50:11	1ECs
370	336 13:57:53	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09941:51:002F	00-336/02:50:12	1ECd

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 48 DOY 00-332/00:00 - 00-339/00:00

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
387	336 23:16:19	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		09953:29:009F	00-336/12:08:36	1ECf
388	336 23:17:03	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09953:29:735F	00-336/12:09:20	1ECd
389	336 23:17:03	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:1755	DTR		09953:29:735F	00-336/12:09:20	1ESd
390	336 23:17:07	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09953:30:001F	00-336/12:09:23	1ESf
391	336 23:17:07	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		09953:30:002F	00-336/12:09:24	1ECs
392	336 23:17:08	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		09953:30:026F	00-336/12:09:25	1ECf
393	336 23:17:55	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09953:31:001F	00-336/12:10:11	1ESf
394	336 23:17:55	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		09953:31:002F	00-336/12:10:11	1ECs
395	336 23:17:55	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09953:31:002F	00-336/12:10:12	1ECd

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 48 DOY 00-332/00:00 - 00-339/00:00

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	337 08:37:05	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09965:09:735F	00-336/21:29:20	1ECd
412	337 08:37:05	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:1456	DTR		09965:09:735F	00-336/21:29:20	1ESd
413	337 08:37:09	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09965:10:001F	00-336/21:29:23	1ESf
414	337 08:37:09	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		09965:10:002F	00-336/21:29:23	1ECs
415	337 08:37:10	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		09965:10:026F	00-336/21:29:25	1ECf
416	337 08:37:57	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09965:11:001F	00-336/21:30:11	1ESf
417	337 08:37:57	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		09965:11:002F	00-336/21:30:11	1ECs
418	337 08:37:57	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09965:11:002F	00-336/21:30:12	1ECd
419	337 08:37:57	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1163	DTR		09965:11:002F	00-336/21:30:12	1ESd

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 48 DOY 00-332/00:00 - 00-339/00:00

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
439	337 17:55:35	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09976:48:009F	00-337/06:47:48	1ECf
440	337 17:56:23	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		09976:49:009F	00-337/06:48:36	1ECf
441	337 17:57:07	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09976:49:735F	00-337/06:49:20	1ECd
442	337 17:57:07	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:1157	DTR		09976:49:735F	00-337/06:49:20	1ESd
443	337 17:57:11	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09976:50:001F	00-337/06:49:23	1ESf
444	337 17:57:11	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		09976:50:002F	00-337/06:49:24	1ECs
445	337 17:57:12	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		09976:50:026F	00-337/06:49:25	1ECf
446	337 17:57:59	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09976:51:001F	00-337/06:50:11	1ESf
447	337 17:57:59	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		09976:51:002F	00-337/06:50:11	1ECs

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 48 DOY 00-332/00:00 - 00-339/00:00

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
448	337 17:57:59	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09976:51:002F	00-337/06:50:12	1ECd
449	337 17:57:59	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0864	DTR	09976:51:002F	00-337/06:50:12	1ESd	
450	337 17:58:47	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09976:52:009F	00-337/06:51:00	1ECf
451	337 18:15:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8512					1DP
452	337 18:16:27	31	60 SET			10 DEGREE SET DSC-60					1V
453	337 20:58:29	32	40RISE			10 DEGREE RISE DSC-40					2V
454	337 21:40:44	31	40RISE			10 DEGREE RISE DSC-40					1V
455	337 21:45:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-8513 (D/L ONLY)					1DP
456	337 21:48:24	31			AC7SSB	(4 +160) SS BIAS CONTROL --- YAW	AACS		09981:39:003F	00-337/10:40:36	1ECa
457	337 22:08:24	31				B- UVSLEW			09982:04:001F	00-337/11:00:35	1TB
458	337 22:08:24	31				SLEW TO HELIO-12B			09982:04:001F	00-337/11:00:35	1T
459	337 22:08:24	31				B- PLATPOA			09982:04:001F	00-337/11:00:35	1TB
460	337 22:08:24	31			AC7SPK	(1 12 1 076 107) EL SLEW R=LOW	AACS		09982:04:003F	00-337/11:00:36	1ECa
461	337 22:10:43	31				B- SLEND			09982:06:718F	00-337/11:02:54	1TB
462	337 22:10:43	31			SLEWEND	AZ=125.000 EL=165.546 CO=161.046			09982:06:718F	00-337/11:02:54	1T
463	337 22:50:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8529 (D/L ONLY)					2DP
464	338 00:00:00	31				VGR-31 OWLT IS 11H 07M 49S					1L
465	338 00:00:00	32				VGR-32 OWLT IS 08H 46M 48S					2L
466	338 01:10:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-8513					1DP
467	338 01:10:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-8529					2DP
468	338 01:42:44	31	10 SET			10 DEGREE SET DSC-10					1V

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 48 DOY 00-332/00:00 - 00-339/00:00

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
480	338 03:17:14	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		09988:30:026F	00-337/16:09:25	1ECf
481	338 03:18:01	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09988:31:001F	00-337/16:10:11	1ESf
482	338 03:18:01	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		09988:31:002F	00-337/16:10:11	1ECs
483	338 03:18:01	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09988:31:002F	00-337/16:10:12	1ECd
484	338 03:18:01	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0565	DTR		09988:31:002F	00-337/16:10:12	1ESd
485	338 03:18:49	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09988:32:009F	00-337/16:11:00	1ECf
486	338 04:45:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8529 (D/L ONLY)					2DP
487	338 06:20:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8513 (D/L ONLY)					1DP
488	338 06:40:33	31	60RISE			10 DEGREE RISE DSC-60					1V
489	338 06:49:52	31	40 SET			10 DEGREE SET DSC-40					1V
490	338 10:08:27	31				B- UVSLEW			09997:04:001F	00-337/23:00:35	1TB
491	338 10:08:27	31				SLEW TO HELIO-13B			09997:04:001F	00-337/23:00:35	1T
492	338 10:08:27	31				B- PLATPOA			09997:04:001F	00-337/23:00:35	1TB
493	338 10:08:27	31			AC7SPK	(1 12 2 084 117) EL SLEW R=LOW	AACS		09997:04:003F	00-337/23:00:36	1ECa
494	338 10:10:53	31				B- SLEND			09997:07:034F	00-337/23:03:01	1TB
495	338 10:10:53	31			SLEWEND	AZ=125.000 EL=154.029 CO=149.858			09997:07:034F	00-337/23:03:01	1T

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 48 DOY 00-332/00:00 - 00-339/00:00

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
509	338 12:37:15	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	10000:10:001F	00-338/01:29:23	1ESf
510	338 12:37:15	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		10000:10:002F	00-338/01:29:24	1ECs
511	338 12:37:16	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		10000:10:026F	00-338/01:29:25	1ECf
512	338 12:38:03	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10000:11:001F	00-338/01:30:11	1ESf
513	338 12:38:03	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		10000:11:002F	00-338/01:30:11	1ECs
514	338 12:38:03	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10000:11:002F	00-338/01:30:12	1ECd
515	338 12:38:03	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0266	DTR		10000:11:002F	00-338/01:30:12	1ESd
516	338 12:38:51	31			SC32AJ	(11) PLS CONFIG CMD	FDS		10000:12:009F	00-338/01:31:00	1ECf
517	338 12:38:53	32	40 SET			10 DEGREE SET DSC-40					2V
518	338 14:13:02	31	10RISE			10 DEGREE RISE DSC-10					1V
519	338 16:45:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-8514 (D/L ONLY)					1DP

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
533	338 22:01:13	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:0259	DTR		10011:54:735F	00-338/10:53:20	1ESd
534	338 22:01:17	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	10011:55:001F	00-338/10:53:23	1ESf
535	338 22:01:17	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		10011:55:002F	00-338/10:53:24	1ECs
536	338 22:01:18	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		10011:55:026F	00-338/10:53:25	1ECf
537	338 22:02:05	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10011:56:001F	00-338/10:54:11	1ESf
538	338 22:02:05	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		10011:56:002F	00-338/10:54:11	1ECs
539	338 22:02:05	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10011:56:002F	00-338/10:54:12	1ECd
540	338 22:02:05	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:0552	DTR		10011:56:002F	00-338/10:54:12	1ESd
541	338 22:02:53	31			SC32AJ	(11) PLS CONFIG CMD	FDS		10011:57:009F	00-338/10:55:00	1ECf

INTEGRATED SEQUENCE FOR JST A037F JSX B109F WEEK 48 DOY 00-332/00:00 - 00-339/00:00

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
542	338 22:08:29	31				B- UVSLEW			10012:04:001F	00-338/11:00:35	1TB
543	338 22:08:29	31				SLEW TO HELIO-14B			10012:04:001F	00-338/11:00:35	1T
544	338 22:08:29	31				B- PLATPOA			10012:04:001F	00-338/11:00:35	1TB
545	338 22:08:29	31			AC7SPK	(1 12 2 090 170) EL SLEW R=LOW	AACS		10012:04:003F	00-338/11:00:36	1ECa
546	338 22:10:25	31				B- SLEND			10012:06:334F	00-338/11:02:31	1TB
547	338 22:10:25	31			SLEWEND	AZ=125.000 EL=145.017 CO=140.980			10012:06:334F	00-338/11:02:31	1T
548	339 00:00:00	31				VGR-31 OWLT IS 11H 07M 53S					1L
549	339 00:00:00	32				VGR-32 OWLT IS 08H 46M 56S					2L