

INTEGRATED SEQUENCE FOR JST A037F JSX B109F/B110F WEEK 50 DOY 00-346/00:00 - 00-353/00:00

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	346 00:00:00	31				VGR-31 OWLT IS 11H 08M 24S					1L
2	346 00:00:00	32				VGR-32 OWLT IS 08H 47M 54S					2L
3	346 00:45:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-8521					1DP
4	346 01:11:41	31	10 SET			10 DEGREE SET DSC-10					1V
5	346 04:35:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8537 (D/L ONLY)					2DP
6	346 06:05:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8521 (D/L ONLY)					1DP
7	346 06:09:33	31	60RISE			10 DEGREE RISE DSC-60					1V
8	346 06:18:53	31	40 SET			10 DEGREE SET DSC-40					1V
9	346 11:10:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8521					1DP
10	346 11:50:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8537					2DP
11	346 12:00:00	31				VGR-31 OWLT IS 11H 08M 26S					1L
12	346 12:00:00	32				VGR-32 OWLT IS 08H 47M 58S					2L
13	346 12:07:57	32	40 SET			10 DEGREE SET DSC-40					2V
14	346 13:42:02	31	10RISE			10 DEGREE RISE DSC-10					1V
15	346 14:25:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8522 (D/L ONLY)					1DP
16	346 17:41:32	31	60 SET			10 DEGREE SET DSC-60					1V
17	346 18:29:33	32				BEGIN SEQUENCE B110 -- LOCK STAR			04105:30:001F	00-346/09:42:23	2T
18	346 18:29:33	32				BEGIN SEQUENCE B110 -- LOCK STAR			04105:30:001F	00-346/09:42:23	2T
19	346 20:09:03	31				B- UVSLEW			10249:34:001F	00-346/09:00:35	1TB
20	346 20:09:03	31				SLEW TO HELIO-18A			10249:34:001F	00-346/09:00:35	1T
21	346 20:09:03	31				B- PLATPOA			10249:34:001F	00-346/09:00:35	1TB
22	346 20:09:03	31			AC7SPK	(1 12 2 141 140) EL SLEW R=LOW	AACS		10249:34:003F	00-346/09:00:36	1ECa
23	346 20:13:48	31				B- SLEND			10249:39:751F	00-346/09:05:20	1TB

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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
24	346 20:13:48	31			SLEWEND	AZ=125.000 EL=70.985 CO=67.384			10249:39:751F	00-346/09:05:20	1T
25	346 20:23:59	32	40RISE			10 DEGREE RISE DSC-40					2V
26	346 21:05:49	31	40RISE			10 DEGREE RISE DSC-40					1V
27	346 21:53:34	32			AC7SSB	(3 -001) SS BIAS CONTROL - PITCH	AACS		04109:45:003F	00-346/13:06:23	2ECa
28	347 00:00:00	31				VGR-31 OWLT IS 11H 08M 28S					1L
29	347 00:00:00	32				VGR-32 OWLT IS 08H 48M 01S					2L
30	347 00:44:47	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		04113:19:002F	00-346/15:57:35	2ECa
31	347 00:45:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8522					1DP
32	347 01:07:48	31	10 SET			10 DEGREE SET DSC-10					1V
33	347 05:45:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-8538 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
34	347 06:05:41	31	60RISE			10 DEGREE RISE DSC-60					1V
35	347 06:15:00	31	40 SET			10 DEGREE SET DSC-40					1V
36	347 06:45:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-8522 (D/L ONLY)					1DP
37	347 09:15:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-8522					1DP
38	347 11:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8522 (D/L ONLY)					1DP
39	347 12:00:00	31				VGR-31 OWLT IS 11H 08M 30S					1L
40	347 12:00:00	32				VGR-32 OWLT IS 08H 48M 05S					2L
41	347 12:04:05	32	40 SET			10 DEGREE SET DSC-40					2V
42	347 12:15:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-8538					2DP
43	347 13:38:09	31	10RISE			10 DEGREE RISE DSC-10					1V
44	347 17:35:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8522					1DP
45	347 17:37:39	31	60 SET			10 DEGREE SET DSC-60					1V
46	347 19:20:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8523 (D/L ONLY)					1DP

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47	347 20:09:07	31				B- UVSLEW			10279:34:001F	00-347/09:00:35	1TB
48	347 20:09:07	31				SLEW TO HELIO-17A			10279:34:001F	00-347/09:00:35	1T
49	347 20:09:07	31				B- PLATPOA			10279:34:001F	00-347/09:00:35	1TB
50	347 20:09:07	31			AC7SPK	(1 12 1 127 094) EL SLEW R=LOW	AACS		10279:34:003F	00-347/09:00:36	1ECa
51	347 20:13:16	31				B- SLEND			10279:39:151F	00-347/09:04:44	1TB
52	347 20:13:16	31			SLEWEND	AZ=125.000 EL=91.022 CO=87.302			10279:39:151F	00-347/09:04:44	1T
53	347 20:20:09	32	40RISE			10 DEGREE RISE DSC-40					2V
54	347 20:35:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-8539 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
55	347 21:01:56	31	40RISE			10 DEGREE RISE DSC-40					1V
56	347 21:59:17	32				IMPLEMENT ECR #100330			04139:52:001F	00-347/13:11:59	2T
57	347 21:59:17	32				B- MEMUPD			04139:52:001F	00-347/13:11:59	2TB
58	347 21:59:17	32				MEMUPD - CMDLOS CHANGE			04139:52:001F	00-347/13:11:59	2T
59	347 22:00:05	32				B- MEMUPD			04139:53:001F	00-347/13:12:47	2TB
60	347 22:00:05	32				MEMUPD - CHNG COUNTR TO 4			04139:53:001F	00-347/13:12:47	2T
61	347 22:03:05	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESF
62	347 22:03:05	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
63	347 22:07:17	32				B- DREL40			04140:02:001F	00-347/13:19:59	2TB
64	347 22:07:17	32			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		04140:02:009F	00-347/13:20:00	2ECF

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65	347 22:08:05	32		ACE OPCH		FDS STATUS EL-40/X40/S40 MEM:PB/FDS11 SA/FDS11	FDS	CE-40	04140:03:001F	00-347/13:20:47	2ESf
66	347 22:08:05	32			CC3A	(30310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		04140:03:002F	00-347/13:20:47	2ECs
67	347 22:34:29	32				B- PASS.2			04140:35:784F	00-347/13:47:10	2TB
68	347 22:34:30	32				PROC B DRIBBLE R/O			04140:36:001F	00-347/13:47:11	2T
69	347 22:34:30	32				B- DRIBBLE			04140:36:001F	00-347/13:47:11	2TB
70	347 22:34:30	32				BEGIN CCS DRIBBLE R/O			04140:36:001F	00-347/13:47:11	2T
71	347 22:41:42	32				B- DRIBBLE			04140:45:001F	00-347/13:54:23	2TB
72	347 22:41:42	32				BEGIN CCS DRIBBLE R/O			04140:45:001F	00-347/13:54:23	2T
73	347 22:48:53	32				B- PASS.2			04140:53:784F	00-347/14:01:34	2TB
74	347 22:48:54	32				PROC C DRIBBLE R/O			04140:54:001F	00-347/14:01:35	2T
75	347 22:48:54	32				B- DRIBBLE			04140:54:001F	00-347/14:01:35	2TB
76	347 22:48:54	32				BEGIN CCS DRIBBLE R/O			04140:54:001F	00-347/14:01:35	2T
77	347 22:56:06	32				B- DRIBBLE			04141:03:001F	00-347/14:08:47	2TB
78	347 22:56:06	32				BEGIN CCS DRIBBLE R/O			04141:03:001F	00-347/14:08:47	2T
79	347 23:03:17	32				B- PASS.2			04141:11:784F	00-347/14:15:58	2TB
80	347 23:03:18	32				PROC A DRIBBLE R/O			04141:12:001F	00-347/14:15:59	2T
81	347 23:03:18	32				B- DRIBBLE			04141:12:001F	00-347/14:15:59	2TB
82	347 23:03:18	32				BEGIN CCS DRIBBLE R/O			04141:12:001F	00-347/14:15:59	2T
83	347 23:10:30	32				B- DRIBBLE			04141:21:001F	00-347/14:23:11	2TB
84	347 23:10:30	32				BEGIN CCS DRIBBLE R/O			04141:21:001F	00-347/14:23:11	2T

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97	347 23:39:18	32				B- DRGS4B			04141:57:001F	00-347/14:51:59	2TB
98	347 23:39:18	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		04141:57:010F	00-347/14:52:00	2ECf
99	347 23:40:02	32				BEGIN RECORDING PWS DATA			04141:57:734F	00-347/14:52:43	2T
100	347 23:40:02	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		04141:57:735F	00-347/14:52:43	2ECd
101	347 23:40:02	32				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:2 TIC:2646	DTR		04141:57:735F	00-347/14:52:43	2ESd
102	347 23:40:06	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	04141:58:001F	00-347/14:52:47	2ESf
103	347 23:40:06	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		04141:58:002F	00-347/14:52:47	2ECs
104	347 23:40:07	32				B- DRCRUS			04141:58:018F	00-347/14:52:48	2TB
105	347 23:40:07	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		04141:58:025F	00-347/14:52:49	2ECf
106	347 23:40:54	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	04141:59:001F	00-347/14:53:35	2ESf
107	347 23:40:54	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		04141:59:001F	00-347/14:53:35	2ECd

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108	347 23:40:54	32				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:2355	DTR		04141:59:001F	00-347/14:53:35	2ESd
109	347 23:40:54	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		04141:59:002F	00-347/14:53:35	2ECs
110	347 23:40:55	32				END PWSREC			04141:59:018F	00-347/14:53:36	2T
111	348 00:00:00	31				VGR-31 OWLT IS 11H 08M 31S					1L
112	348 00:00:00	32				VGR-32 OWLT IS 08H 48M 09S					2L
113	348 00:30:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8523					1DP
114	348 00:33:44	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
115	348 00:33:44	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
116	348 00:34:32	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
117	348 00:34:32	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
118	348 00:37:08	31				BEGIN PWSREC.31			10285:09:001F	00-347/13:28:35	1T
119	348 00:37:08	31			SC32AJ	(10) PLS CONFIG CMD	FDS		10285:09:010F	00-347/13:28:36	1ECf
120	348 00:37:56	31				B- DRGS4B			10285:10:001F	00-347/13:29:23	1TB
121	348 00:37:56	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		10285:10:009F	00-347/13:29:24	1ECf

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122	348 00:38:40	31				BEGIN RECORDING PWS DATA			10285:10:734F	00-347/13:30:07	1T
123	348 00:38:40	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		10285:10:735F	00-347/13:30:08	1ECd
124	348 00:38:40	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2345	DTR		10285:10:735F	00-347/13:30:08	1ESd
125	348 00:38:44	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	10285:11:001F	00-347/13:30:11	1ESf
126	348 00:38:44	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		10285:11:002F	00-347/13:30:11	1ECs
127	348 00:38:45	31				B- DRCRUS			10285:11:018F	00-347/13:30:12	1TB
128	348 00:38:45	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		10285:11:026F	00-347/13:30:13	1ECf
129	348 00:39:32	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10285:12:001F	00-347/13:30:59	1ESf
130	348 00:39:32	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		10285:12:002F	00-347/13:30:59	1ECs
131	348 00:39:32	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10285:12:002F	00-347/13:31:00	1ECd

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132	348 00:39:32	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2637	DTR		10285:12:002F	00-347/13:31:00	1ESd
133	348 00:40:20	31			SC32AJ	(11) PLS CONFIG CMD	FDS		10285:13:009F	00-347/13:31:48	1ECf
134	348 00:40:21	31				END PWSREC.31			10285:13:018F	00-347/13:31:48	1T
135	348 01:03:56	31	10 SET			10 DEGREE SET DSC-10					1V
136	348 01:05:30	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
137	348 01:05:30	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
138	348 01:05:42	32				BEGIN PMPCALLR			04143:45:001F	00-347/16:18:23	2T
139	348 01:09:42	32				B- DRCR5T			04143:50:001F	00-347/16:22:23	2TB
140	348 01:09:42	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		04143:50:009F	00-347/16:22:24	2ECf
141	348 01:10:30	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	04143:51:001F	00-347/16:23:11	2ESf
142	348 01:10:30	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		04143:51:002F	00-347/16:23:11	2ECs
143	348 01:16:54	32			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		04143:59:009F	00-347/16:29:36	2ECf

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144	348 01:17:42	32				BEGIN PLS/MAG/PESCAL			04144:00:001F	00-347/16:30:23	2T
145	348 03:00:07	32				END PLSCAL			04146:08:001F	00-347/18:12:47	2T
146	348 04:20:07	32				END MAGCAL			04147:48:001F	00-347/19:32:47	2T
147	348 04:33:32	32		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
148	348 04:33:32	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
149	348 04:37:44	32				END PESCAL			04148:10:001F	00-347/19:50:23	2T
150	348 04:37:44	32				B- DRCRUS			04148:10:001F	00-347/19:50:23	2TB
151	348 04:37:44	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		04148:10:010F	00-347/19:50:24	2ECf
152	348 04:38:32	32		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	04148:11:001F	00-347/19:51:11	2ESf
153	348 04:38:32	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		04148:11:002F	00-347/19:51:11	2ECs
154	348 04:38:33	32				END PMPCALLR			04148:11:018F	00-347/19:51:12	2T
155	348 05:55:00	32	34 LO	OPCH	ACE	LOS DSS-34 PASS-8539					2DP
156	348 06:01:48	31	60RISE			10 DEGREE RISE DSC-60					1V
157	348 06:11:08	31	40 SET			10 DEGREE SET DSC-40					1V
158	348 12:00:00	31				VGR-31 OWLT IS 11H 08M 33S					1L
159	348 12:00:00	32				VGR-32 OWLT IS 08H 48M 13S					2L

INTEGRATED SEQUENCE FOR JST A037F JSX B109F/B110F WEEK 50 DOY 00-346/00:00 - 00-353/00:00

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
160	348 12:00:14	32	40	SET		10 DEGREE SET DSC-40					2V
161	348 12:05:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-8523 (D/L ONLY)					1DP
162	348 13:34:17	31	10	RISE		10 DEGREE RISE DSC-10					1V
163	348 15:20:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-8523					1DP
164	348 17:15:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-8524 (D/L ONLY)					1DP
165	348 17:33:46	31	60	SET		10 DEGREE SET DSC-60					1V
166	348 20:09:10	31				B- UVSLEW			10309:34:001F	00-348/09:00:35	1TB
167	348 20:09:10	31				SLEW TO HELIO-16A			10309:34:001F	00-348/09:00:35	1T
168	348 20:09:10	31				B- PLATPOA			10309:34:001F	00-348/09:00:35	1TB
169	348 20:09:10	31			AC7SPK	(1 12 1 111 076) EL SLEW R=LOW	AACS		10309:34:003F	00-348/09:00:36	1ECa
170	348 20:13:56	31				B- SLEND			10309:39:751F	00-348/09:05:20	1TB
171	348 20:13:56	31			SLEWEND	AZ=125.000 EL=114.014 CO=110.186			10309:39:751F	00-348/09:05:20	1T
172	348 20:15:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-8540 (D/L ONLY)					2DP
173	348 20:16:19	32	40	RISE		10 DEGREE RISE DSC-40					2V
174	348 20:58:03	31	40	RISE		10 DEGREE RISE DSC-40					1V
175	348 21:29:01	32				B- MISCMD			04169:14:001F	00-348/12:41:35	2TB
176	348 21:29:01	32				MISCMD - DIS LET B			04169:14:001F	00-348/12:41:35	2T
177	348 22:45:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-8540					2DP
178	348 23:05:59	31			AC7SSB	(4 +162) SS BIAS CONTROL --- YAW	AACS		10313:15:003F	00-348/11:57:24	1ECa
179	349 00:00:00	31				VGR-31 OWLT IS 11H 08M 35S					1L
180	349 00:00:00	32				VGR-32 OWLT IS 08H 48M 17S					2L
181	349 00:45:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-8524					1DP
182	349 01:00:03	31	10	SET		10 DEGREE SET DSC-10					1V

INTEGRATED SEQUENCE FOR JST A037F JSX B109F/B110F WEEK 50 DOY 00-346/00:00 - 00-353/00:00

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
205	349 22:00:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-8525 (D/L ONLY)					1DP
206	349 23:30:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-8541 (D/L ONLY)					2DP
207	350 00:00:00	31				VGR-31 OWLT IS 11H 08M 39S					1L
208	350 00:00:00	32				VGR-32 OWLT IS 08H 48M 24S					2L
209	350 00:10:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-8525					1DP
210	350 00:41:45	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
211	350 00:41:45	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
212	350 00:45:09	32				B- MAGROLAB.32			04203:19:001F	00-349/15:57:35	2TB
213	350 00:45:09	32				BEGIN MAGROLAB32			04203:19:001F	00-349/15:57:35	2T
214	350 00:45:09	32				B- YAW10			04203:19:001F	00-349/15:57:35	2TB
215	350 00:45:09	32				YAW10			04203:19:001F	00-349/15:57:35	2T
216	350 00:45:09	32			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		04203:19:004F	00-349/15:57:35	2ECa
217	350 00:45:58	32				B- DRCR5T			04203:20:018F	00-349/15:58:24	2TB
218	350 00:45:58	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		04203:20:025F	00-349/15:58:25	2ECf
219	350 00:46:45	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	04203:21:001F	00-349/15:59:11	2ESf
220	350 00:46:45	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		04203:21:002F	00-349/15:59:11	2ECs

INTEGRATED SEQUENCE FOR JST A037F JSX B109F/B110F WEEK 50 DOY 00-346/00:00 - 00-353/00:00

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
221	350 00:53:10	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR COMMANDED TURN D/L AGC VARIATIONS EXPECTED					22EC
222	350 00:55:10	32			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		04203:31:419F	00-349/16:07:36	2ECa
223	350 00:55:10	32				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS	04203:31:419F	00-349/16:07:36	2ESa	
224	350 00:55:10	32			CC7GARP	GYRO A OFF	PWR		04203:31:419F	00-349/16:07:36	2ECp
225	350 00:55:10	32			CC7GARP	GYRO A OFF	PWR		04203:31:421F	00-349/16:07:36	2ECp
226	350 00:55:10	32			CC7PC	(352) GYRO A OFF	AACS		04203:31:423F	00-349/16:07:37	2ECa
227	350 00:55:10	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		04203:31:424F	00-349/16:07:37	2ECp
228	350 00:55:10	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		04203:31:426F	00-349/16:07:37	2ECp
229	350 00:55:10	32			CC7PC	(312) DUMMY PWR CMD	AACS		04203:31:428F	00-349/16:07:37	2ECa
230	350 00:56:10	31	10 SET			10 DEGREE SET DSC-10					1V
231	350 00:58:10	32			AC7TCD	(322 033167) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		04203:35:219F	00-349/16:10:36	2ECa
232	350 05:23:10	32			SC32AJ	(10) PLS CONFIG CMD	FDS		04209:06:392F	00-349/20:35:35	2ECf
233	350 05:50:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-8525 (D/L ONLY)					1DP
234	350 05:54:03	31	60RISE			10 DEGREE RISE DSC-60					1V
235	350 05:56:17	32			SC32AJ	(11) PLS CONFIG CMD	FDS		04209:47:708F	00-349/21:08:42	2ECf
236	350 06:03:22	31	40 SET			10 DEGREE SET DSC-40					1V
237	350 06:29:26	32				ROLL TURN COMPLETE (NOMINAL)			04210:29:251F	00-349/21:41:50	2T
238	350 06:31:52	32			CC7PC	(345) CMDED TURN COMPLETE	AACS		04210:32:290F	00-349/21:44:17	2ECa
239	350 06:37:12	32			SC32AJ	(15) PLS CONFIG CMD	FDS		04210:39:025F	00-349/21:49:37	2ECf

INTEGRATED SEQUENCE FOR JST A037F JSX B109F/B110F WEEK 50 DOY 00-346/00:00 - 00-353/00:00

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
240	350 06:46:12	32				RESET CALIB			04210:50:218F	00-349/21:58:36	2T
241	350 06:46:12	32			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		04210:50:220F	00-349/21:58:36	2ECa
242	350 06:46:42	32			CC7SS	(1) SS SEARCH ENABLE	AACS		04210:50:718F	00-349/21:59:06	2ECa
243	350 06:46:42	32				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS	04210:50:718F	00-349/21:59:06	2ESa	
244	350 06:46:42	32			CC7PC	(327) IDET ACQUIRED	AACS		04210:50:719F	00-349/21:59:06	2ECa
245	350 06:46:42	32			CC7GARP	GYRO A OFF	PWR		04210:50:719F	00-349/21:59:06	2ECp
246	350 06:46:42	32			CC7GARP	GYRO A OFF	PWR		04210:50:721F	00-349/21:59:07	2ECp
247	350 06:46:42	32			CC7PC	(352) GYRO A OFF	AACS		04210:50:724F	00-349/21:59:07	2ECa
248	350 06:46:42	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		04210:50:724F	00-349/21:59:07	2ECp
249	350 06:46:42	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		04210:50:726F	00-349/21:59:07	2ECp
250	350 06:46:42	32			CC7PC	(312) DUMMY PWR CMD	AACS		04210:50:728F	00-349/21:59:07	2ECa
251	350 06:52:42	32			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		04210:58:318F	00-349/22:05:06	2ECa
252	350 06:53:47	32				GYROS OFF			04210:59:601F	00-349/22:06:11	2T
253	350 06:53:47	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS	04210:59:601F	00-349/22:06:11	2ESa	
254	350 06:53:47	32			CC7PC	(307) STAR ACQUIRED	AACS		04210:59:602F	00-349/22:06:11	2ECa
255	350 06:53:47	32			CC7GCRP	GYRO C OFF	PWR		04210:59:602F	00-349/22:06:11	2ECp

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INTEGRATED SEQUENCE FOR JST A037F JSX B109F/B110F WEEK 50 DOY 00-346/00:00 - 00-353/00:00

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
256	350 06:53:47	32					AACS		04210:59:602F	00-349/22:06:11	2ESa
						AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GYRO C: OFF					
257	350 06:53:47	32			CC7GCRP	GYRO C OFF	PWR		04210:59:605F	00-349/22:06:11	2ECp
258	350 06:53:47	32			CC7PC	(372) GYRO C OFF	AACS		04210:59:607F	00-349/22:06:12	2ECa
259	350 06:53:47	32			CC7GBRP	GYRO B OFF	PWR		04210:59:607F	00-349/22:06:12	2ECp
260	350 06:53:47	32					AACS		04210:59:607F	00-349/22:06:12	2ESa
						AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GYRO C: OFF					
261	350 06:53:47	32			CC7GBRP	GYRO B OFF	PWR		04210:59:609F	00-349/22:06:12	2ECp
262	350 06:53:47	32			CC7PC	(362) GYRO B OFF	AACS		04210:59:611F	00-349/22:06:12	2ECa
263	350 06:53:47	32			CC7GARP	GYRO A OFF	PWR		04210:59:612F	00-349/22:06:12	2ECp
264	350 06:53:48	32			CC7GARP	GYRO A OFF	PWR		04210:59:614F	00-349/22:06:12	2ECp
265	350 06:53:48	32			CC7PC	(352) GYRO A OFF	AACS		04210:59:616F	00-349/22:06:12	2ECa
266	350 06:53:48	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		04210:59:617F	00-349/22:06:12	2ECp
267	350 06:53:48	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		04210:59:619F	00-349/22:06:12	2ECp
268	350 06:53:48	32			CC7PC	(312) DUMMY PWR CMD	AACS		04210:59:621F	00-349/22:06:12	2ECa
269	350 07:00:59	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
270	350 07:00:59	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
271	350 07:02:12	32				B- YAWDB			04211:10:218F	00-349/22:14:36	2TB

INTEGRATED SEQUENCE FOR JST A037F JSX B109F/B110F WEEK 50 DOY 00-346/00:00 - 00-353/00:00

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
272	350 07:02:12	32				YAWDB - .10			04211:10:218F	00-349/22:14:36	2T
273	350 07:02:12	32			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		04211:10:220F	00-349/22:14:36	2ECa
274	350 07:05:12	32				B- DRCRUS			04211:14:018F	00-349/22:17:36	2TB
275	350 07:05:12	32			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		04211:14:026F	00-349/22:17:37	2ECf
276	350 07:05:59	32		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	04211:15:001F	00-349/22:18:23	2ESf
277	350 07:05:59	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		04211:15:002F	00-349/22:18:23	2ECs
278	350 07:06:00	32				END MAGROLAB32			04211:15:018F	00-349/22:18:24	2T
279	350 07:35:00	32	43	LO	OPCH ACE	LOS DSS-43 PASS-8541					2DP
280	350 08:52:28	31			AC7SSB	(3 +008) SS BIAS CONTROL - PITCH	AACS		10355:28:003F	00-349/21:43:48	1ECa
281	350 11:00:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-8525					1DP
282	350 11:52:31	32	40	SET		10 DEGREE SET DSC-40					2V
283	350 12:00:00	31				VGR-31 OWLT IS 11H 08M 40S					1L
284	350 12:00:00	32				VGR-32 OWLT IS 08H 48M 28S					2L
285	350 13:25:00	31	14	AO	OPCH ACE	AOS DSS-14 PASS-8526 (U/L PASS)					1DP
286	350 13:26:31	31		10RISE		10 DEGREE RISE DSC-10					1V
287	350 17:04:26	32			AC7SSB	(3 +000) SS BIAS CONTROL - PITCH	AACS		04223:43:003F	00-350/08:16:47	2ECa
288	350 17:26:01	31	60	SET		10 DEGREE SET DSC-60					1V
289	350 20:08:40	32	40	RISE		10 DEGREE RISE DSC-40					2V

INTEGRATED SEQUENCE FOR JST A037F JSX B109F/B110F WEEK 50 DOY 00-346/00:00 - 00-353/00:00

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
290	350 20:09:17	31				B- UVSLEW			10369:34:001F	00-350/09:00:35	1TB
291	350 20:09:17	31				SLEW TO HELIO-14A			10369:34:001F	00-350/09:00:35	1T
292	350 20:09:17	31				B- PLATPOA			10369:34:001F	00-350/09:00:35	1TB
293	350 20:09:17	31			AC7SPK	(1 12 2 089 171) EL SLEW R=LOW	AACS		10369:34:003F	00-350/09:00:36	1ECa
294	350 20:11:25	31				B- SLEND			10369:36:534F	00-350/09:02:43	1TB
295	350 20:11:25	31			SLEWEND	AZ=125.000 EL=144.988 CO=140.961			10369:36:534F	00-350/09:02:43	1T
296	350 20:40:00	32	34	AO	OPCH ACE	AOS DSS-34 PASS-8542 (D/L ONLY)					2DP
297	350 20:50:18	31			40RISE	10 DEGREE RISE DSC-40					1V
298	350 23:15:00	31	14	LO	OPCH ACE	LOS DSS-14 PASS-8526					1DP
299	351 00:00:00	31				VGR-31 OWLT IS 11H 08M 42S					1L
300	351 00:00:00	32				VGR-32 OWLT IS 08H 48M 31S					2L
301	351 00:52:18	31	10	SET		10 DEGREE SET DSC-10					1V
302	351 02:30:00	32	34	LO	OPCH ACE	LOS DSS-34 PASS-8542					2DP
303	351 04:25:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-8542 (D/L ONLY)					2DP
304	351 05:50:10	31			60RISE	10 DEGREE RISE DSC-60					1V
305	351 05:59:30	31			40 SET	10 DEGREE SET DSC-40					1V
306	351 06:00:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-8526 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
307	351 07:15:00	31	63		OPCH 63	== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
308	351 07:15:00	31	63		OPCH 63	== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD

INTEGRATED SEQUENCE FOR JST A037F JSX B109F/B110F WEEK 50 DOY 00-346/00:00 - 00-353/00:00

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	351 07:16:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
310	351 07:17:00	31	63	OPCH 63		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
311	351 07:42:00	31	63	OPCH 63		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
312	351 11:40:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8542					2DP
313	351 11:48:40	32	40 SET			10 DEGREE SET DSC-40					2V
314	351 12:00:00	31				VGR-31 OWLT IS 11H 08M 44S					1L
315	351 12:00:00	32				VGR-32 OWLT IS 08H 48M 35S					2L
316	351 13:16:43	32		ACE ALL		END S/C-32 COMMAND MORATORIUM					2T
317	351 13:22:39	31	10RISE			10 DEGREE RISE DSC-10					1V
318	351 15:00:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-8526					1DP
319	351 17:00:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-8527 (D/L ONLY)					1DP
320	351 17:22:08	31	60 SET			10 DEGREE SET DSC-60					1V
321	351 20:00:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8543 (D/L ONLY)					2DP
322	351 20:04:50	32	40RISE			10 DEGREE RISE DSC-40					2V
323	351 20:09:21	31				B- UVSLEW			10399:34:001F	00-351/09:00:35	1TB
324	351 20:09:21	31				SLEW TO HELIO-13A			10399:34:001F	00-351/09:00:35	1T

INTEGRATED SEQUENCE FOR JST A037F JSX B109F/B110F WEEK 50 DOY 00-346/00:00 - 00-353/00:00

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
325	351 20:09:21	31				B- PLATPOA			10399:34:001F	00-351/09:00:35	1TB
326	351 20:09:21	31			AC7SPK	(1 12 2 083 118) EL SLEW R=LOW	AACS		10399:34:003F	00-351/09:00:36	1ECa
327	351 20:11:17	31				B- SLEND			10399:36:334F	00-351/09:02:31	1TB
328	351 20:11:17	31			SLEWEND	AZ=125.000 EL=154.000 CO=149.832			10399:36:334F	00-351/09:02:31	1T
329	351 20:46:25	31	40RISE			10 DEGREE RISE DSC-40					1V
330	352 00:00:00	31				VGR-31 OWLT IS 11H 08M 45S					1L
331	352 00:00:00	32				VGR-32 OWLT IS 08H 48M 38S					2L
332	352 00:15:00	31	15 LO	OPCH	ACE	LOS DSS-15 PASS-8527					1DP
333	352 00:48:25	31	10 SET			10 DEGREE SET DSC-10					1V
334	352 05:45:00	31	63 AO	OPCH	ACE	AOS DSS-63 PASS-8527 (D/L ONLY)					1DP
335	352 05:46:17	31	60RISE			10 DEGREE RISE DSC-60					1V
336	352 05:55:37	31	40 SET			10 DEGREE SET DSC-40					1V
337	352 05:59:34	31	63	OPCH	63	== START TLC TEST DOWN-LINK ==					1TD
338	352 07:00:34	31	63	OPCH	63	== END TLC TEST DOWN-LINK ==					1TD
339	352 08:15:00	32	45 LO	OPCH	ACE	LOS DSS-45 PASS-8543					2DP
340	352 10:55:00	31	63 LO	OPCH	ACE	LOS DSS-63 PASS-8527					1DP
341	352 11:44:48	32	40 SET			10 DEGREE SET DSC-40					2V
342	352 12:00:00	31				VGR-31 OWLT IS 11H 08M 47S					1L
343	352 12:00:00	32				VGR-32 OWLT IS 08H 48M 42S					2L
344	352 13:00:00	31	14 AO	OPCH	ACE	AOS DSS-14 PASS-8528 (D/L ONLY)					1DP
345	352 13:18:46	31	10RISE			10 DEGREE RISE DSC-10					1V

INTEGRATED SEQUENCE FOR JST A037F JSX B109F/B110F WEEK 50 DOY 00-346/00:00 - 00-353/00:00

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	352 17:18:16	31	60 SET			10 DEGREE SET DSC-60					1V
347	352 20:01:00	32	40RISE			10 DEGREE RISE DSC-40					2V
348	352 20:09:24	31				B- UVSLEW			10429:34:001F	00-352/09:00:35	1TB
349	352 20:09:24	31				SLEW TO HELIO-12A			10429:34:001F	00-352/09:00:35	1T
350	352 20:09:24	31				B- PLATPOA			10429:34:001F	00-352/09:00:35	1TB
351	352 20:09:24	31			AC7SPK	(1 12 1 075 108) EL SLEW R=LOW	AACS		10429:34:003F	00-352/09:00:36	1ECa
352	352 20:11:50	31				B- SLEND			10429:37:034F	00-352/09:03:01	1TB
353	352 20:11:50	31			SLEWEND	AZ=125.000 EL=165.518 CO=161.003			10429:37:034F	00-352/09:03:01	1T
354	352 20:42:32	31	40RISE			10 DEGREE RISE DSC-40					1V
355	353 00:00:00	31				VGR-31 OWLT IS 11H 08M 48S					1L
356	353 00:00:00	32				VGR-32 OWLT IS 08H 48M 45S					2L