

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 34 DOY 02-231/00:00 - 02-238/00:00

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	231 00:00:00	31				VGR-31 OWLT IS 11H 50M 20S					1L
2	231 00:00:00	32				VGR-32 OWLT IS 09H 18M 59S					2L
3	231 01:00:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-9139 (D/L ONLY)					1DP
4	231 01:17:15	31	60	SET		10 DEGREE SET DSC-60					1V
5	231 01:20:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-9138					1DP
6	231 02:50:58	31				B- UVSLEW			28707:04:001F	02-230/15:00:35	1TB
7	231 02:50:58	31				SLEW TO HELIO-15A			28707:04:001F	02-230/15:00:35	1T
8	231 02:50:58	31				B- PLATPOA			28707:04:001F	02-230/15:00:35	1TB
9	231 02:50:58	31			AC7SPK	(1 12 1 096 127) EL SLEW R=LOW	AACS		28707:04:003F	02-230/15:00:36	1ECa
10	231 02:53:24	32			AC7SSB	(4 +176) SS BIAS CONTROL --- YAW	AACS		22565:20:003F	02-230/17:34:23	2ECa
11	231 02:55:19	31				B- SLEND			28707:09:351F	02-230/15:04:56	1TB
12	231 02:55:19	31			SLEWEND	AZ=125.000 EL=134.993 CO=130.484			28707:09:351F	02-230/15:04:56	1T
13	231 03:48:51	32	40	RISE		10 DEGREE RISE DSC-40					2V
14	231 03:55:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-9139					1DP
15	231 04:30:00	32	34	AO	OPCH ACE	AOS DSS-34 PASS-9155 (D/L ONLY)					2DP
16	231 04:41:33	31	40	RISE		10 DEGREE RISE DSC-40					1V
17	231 07:15:00	31	43	AO	OPCH ACE	AOS DSS-43 PASS-9139 (D/L ONLY)					1DP
18	231 08:43:11	31	10	SET		10 DEGREE SET DSC-10					1V
19	231 10:55:00	32	34	LO	OPCH ACE	LOS DSS-34 PASS-9155					2DP
20	231 11:45:00	31	43	LO	OPCH ACE	LOS DSS-43 PASS-9139					1DP
21	231 12:00:00	31				VGR-31 OWLT IS 11H 50M 26S					1L
22	231 12:00:00	32				VGR-32 OWLT IS 09H 19M 04S					2L
23	231 13:37:14	31	60	RISE		10 DEGREE RISE DSC-60					1V

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 34 DOY 02-231/00:00 - 02-238/00:00

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
24	231 13:46:33	31	40 SET			10 DEGREE SET DSC-40					1V
25	231 19:55:50	32	40 SET			10 DEGREE SET DSC-40					2V
26	231 21:10:04	31	10RISE			10 DEGREE RISE DSC-10					1V
27	232 00:00:00	31				VGR-31 OWLT IS 11H 50M 32S					1L
28	232 00:00:00	32				VGR-32 OWLT IS 09H 19M 08S					2L
29	232 00:30:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9140 (D/L ONLY)					1DP
30	232 01:13:18	31	60 SET			10 DEGREE SET DSC-60					1V
31	232 02:51:10	31				B- UVSLEW			28737:04:001F	02-231/15:00:35	1TB
32	232 02:51:10	31				SLEW TO HELIO-14A			28737:04:001F	02-231/15:00:35	1T
33	232 02:51:10	31				B- PLATPOA			28737:04:001F	02-231/15:00:35	1TB
34	232 02:51:10	31			AC7SPK	(1 12 2 089 171) EL SLEW R=LOW	AACS		28737:04:003F	02-231/15:00:36	1ECa
35	232 02:53:18	31				B- SLEND			28737:06:534F	02-231/15:02:43	1TB
36	232 02:53:18	31			SLEWEND	AZ=125.000 EL=144.988 CO=140.406			28737:06:534F	02-231/15:02:43	1T
37	232 03:44:51	32	40RISE			10 DEGREE RISE DSC-40					2V
38	232 03:55:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9140					1DP
39	232 04:25:34	31			AC7SSB	(3 +014) SS BIAS CONTROL - PITCH	AACS		28739:02:003F	02-231/16:35:00	1ECa
40	232 04:37:35	31	40RISE			10 DEGREE RISE DSC-40					1V
41	232 06:30:00	31	43 AO	OPCH ACE		AOS DSS-43 PASS-9140 (D/L ONLY)					1DP
42	232 07:50:00	31	43 LO	OPCH ACE		LOS DSS-43 PASS-9140					1DP
43	232 08:39:13	31	10 SET			10 DEGREE SET DSC-10					1V
44	232 09:19:00	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf

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	232 09:19:00	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
46	232 09:19:48	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESF
47	232 09:19:48	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
48	232 09:23:12	32				BEGIN PWSREC			22603:27:001F	02-232/00:03:59	2T
49	232 09:23:12	32				B- DRGS4B			22603:27:001F	02-232/00:03:59	2TB
50	232 09:23:12	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		22603:27:009F	02-232/00:04:00	2ECF
51	232 09:23:56	32				BEGIN RECORDING PWS DATA			22603:27:734F	02-232/00:04:43	2T
52	232 09:23:56	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		22603:27:735F	02-232/00:04:43	2ECd
53	232 09:23:56	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:2336	DTR		22603:27:735F	02-232/00:04:43	2ESd
54	232 09:24:00	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	22603:28:001F	02-232/00:04:47	2ESF
55	232 09:24:00	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		22603:28:002F	02-232/00:04:47	2ECs

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INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 34 DOY 02-231/00:00 - 02-238/00:00

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
56	232 09:24:01	32				B- DRCRUS			22603:28:018F	02-232/00:04:48	2TB
57	232 09:24:01	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		22603:28:025F	02-232/00:04:49	2ECf
58	232 09:24:48	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	22603:29:001F	02-232/00:05:35	2ESf
59	232 09:24:48	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		22603:29:001F	02-232/00:05:35	2ECd
60	232 09:24:48	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2626	DTR		22603:29:001F	02-232/00:05:35	2ESd
61	232 09:24:48	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		22603:29:002F	02-232/00:05:35	2ECs
62	232 09:24:49	32				END PWSREC			22603:29:018F	02-232/00:05:36	2T
63	232 09:30:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9156 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
64	232 10:25:24	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
65	232 10:25:24	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
66	232 10:25:36	32				BEGIN PMPCALLR			22604:45:001F	02-232/01:06:23	2T
67	232 10:27:49	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 34 DOY 02-231/00:00 - 02-238/00:00

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
68	232 10:27:49	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
69	232 10:28:37	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
70	232 10:28:37	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
71	232 10:29:36	32				B- DRCR5T			22604:50:001F	02-232/01:10:23	2TB
72	232 10:29:36	32			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		22604:50:009F	02-232/01:10:24	2ECF
73	232 10:30:24	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	22604:51:001F	02-232/01:11:11	2ESF
74	232 10:30:24	32			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		22604:51:001F	02-232/01:11:11	2ECs
75	232 10:31:13	31				BEGIN PWSREC.31			28746:39:001F	02-231/22:40:35	1T
76	232 10:31:13	31			SC32AJ	(10) PLS CONFIG CMD	FDS		28746:39:010F	02-231/22:40:36	1ECf
77	232 10:32:01	31				B- DRGS4B			28746:40:001F	02-231/22:41:23	1TB
78	232 10:32:01	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		28746:40:009F	02-231/22:41:24	1ECf
79	232 10:32:45	31				BEGIN RECORDING PWS DATA			28746:40:734F	02-231/22:42:07	1T

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 34 DOY 02-231/00:00 - 02-238/00:00

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
80	232 10:32:45	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		28746:40:735F	02-231/22:42:08	1ECd
81	232 10:32:45	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:0250	DTR		28746:40:735F	02-231/22:42:08	1ESd
82	232 10:32:49	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	28746:41:001F	02-231/22:42:11	1ESf
83	232 10:32:49	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		28746:41:002F	02-231/22:42:12	1ECs
84	232 10:32:50	31				B- DRCRUS			28746:41:018F	02-231/22:42:12	1TB
85	232 10:32:50	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		28746:41:026F	02-231/22:42:13	1ECf
86	232 10:33:37	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	28746:42:001F	02-231/22:42:59	1ESf
87	232 10:33:37	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		28746:42:002F	02-231/22:43:00	1ECd
88	232 10:33:37	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:0543	DTR		28746:42:002F	02-231/22:43:00	1ESd

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 34 DOY 02-231/00:00 - 02-238/00:00

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
89	232 10:33:37	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		28746:42:002F	02-231/22:43:00	1ECs
90	232 10:34:25	31			SC32AJ	(11) PLS CONFIG CMD	FDS		28746:43:010F	02-231/22:43:48	1ECF
91	232 10:34:26	31				END PWSREC.31			28746:43:018F	02-231/22:43:48	1T
92	232 10:36:48	32			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		22604:59:009F	02-232/01:17:36	2ECF
93	232 10:37:36	32				BEGIN PLS/MAG/PESCAL			22605:00:001F	02-232/01:18:23	2T
94	232 12:00:00	31				VGR-31 OWLT IS 11H 50M 38S					1L
95	232 12:00:00	32				VGR-32 OWLT IS 09H 19M 13S					2L
96	232 12:20:01	32				END PLSCAL			22607:08:001F	02-232/03:00:47	2T
97	232 13:33:19	31	60RISE			10 DEGREE RISE DSC-60					1V
98	232 13:40:01	32				END MAGCAL			22608:48:001F	02-232/04:20:47	2T
99	232 13:42:38	31	40 SET			10 DEGREE SET DSC-40					1V
100	232 13:53:25	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
101	232 13:53:25	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
102	232 13:57:37	32				END PESCAL			22609:10:001F	02-232/04:38:23	2T
103	232 13:57:37	32				B- DRCRUS			22609:10:001F	02-232/04:38:23	2TB
104	232 13:57:37	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		22609:10:010F	02-232/04:38:24	2ECf

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 34 DOY 02-231/00:00 - 02-238/00:00

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
105	232 13:58:25	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	22609:11:001F	02-232/04:39:11	2ESf
106	232 13:58:25	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		22609:11:002F	02-232/04:39:11	2ECs
107	232 13:58:26	32				END PMPCALLR			22609:11:018F	02-232/04:39:12	2T
108	232 19:25:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9156					2DP
109	232 19:51:50	32	40 SET			10 DEGREE SET DSC-40					2V
110	232 21:06:09	31	10RISE			10 DEGREE RISE DSC-10					1V
111	232 22:35:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-9141 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
112	232 23:50:00	31	24	OPCH 24		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
113	232 23:50:00	31	24	OPCH 24		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
114	232 23:51:00	31	24	OPCH 24		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
115	232 23:52:00	31	24	OPCH 24		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 34 DOY 02-231/00:00 - 02-238/00:00

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
116	233 00:00:00	31				VGR-31 OWLT IS 11H 50M 44S					1L
117	233 00:00:00	32				VGR-32 OWLT IS 09H 19M 17S					2L
118	233 00:17:00	31	24	OPCH	24	== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
119	233 01:09:20	31	60	SET		10 DEGREE SET DSC-60					1V
120	233 01:40:00	31	24	LO	OPCH ACE	LOS DSS-24 PASS-9141					1DP
121	233 02:10:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-9141 (D/L ONLY)					1DP
122	233 02:51:21	31				B- UVSLEW			28767:04:001F	02-232/15:00:35	1TB
123	233 02:51:21	31				SLEW TO HELIO-13A			28767:04:001F	02-232/15:00:35	1T
124	233 02:51:21	31				B- PLATPOA			28767:04:001F	02-232/15:00:35	1TB
125	233 02:51:21	31			AC7SPK	(1 12 2 083 118) EL SLEW R=LOW	AACS		28767:04:003F	02-232/15:00:36	1ECa
126	233 02:53:17	31				B- SLEND			28767:06:334F	02-232/15:02:31	1TB
127	233 02:53:17	31			SLEWEND	AZ=125.000 EL=154.000 CO=149.336			28767:06:334F	02-232/15:02:31	1T
128	233 03:40:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-9141					1DP
129	233 03:40:51	32	40	RISE		10 DEGREE RISE DSC-40					2V
130	233 04:33:37	31	40	RISE		10 DEGREE RISE DSC-40					1V
131	233 07:15:00	32	34	AO	OPCH ACE	AOS DSS-34 PASS-9157 (D/L ONLY)					2DP
132	233 08:35:16	31	10	SET		10 DEGREE SET DSC-10					1V
133	233 12:00:00	31				VGR-31 OWLT IS 11H 50M 50S					1L
134	233 12:00:00	32				VGR-32 OWLT IS 09H 19M 22S					2L
135	233 13:29:23	31	60	RISE		10 DEGREE RISE DSC-60					1V
136	233 13:38:42	31	40	SET		10 DEGREE SET DSC-40					1V

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 34 DOY 02-231/00:00 - 02-238/00:00

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
137	233 14:30:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9157 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
138	233 14:50:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9157					2DP
139	233 19:10:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9157					2DP
140	233 19:47:51	32	40 SET			10 DEGREE SET DSC-40					2V
141	233 21:02:13	31	10RISE			10 DEGREE RISE DSC-10					1V
142	233 22:20:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9142 (D/L ONLY)					1DP
143	233 23:31:31	31				B- RFSTLC			28792:54:001F	02-233/11:40:35	1TB
144	233 23:58:44	31	25	OPCH 25		== START TLC TEST DOWN-LINK ==					1TD
145	234 00:00:00	31				VGR-31 OWLT IS 11H 50M 56S					1L
146	234 00:00:00	32				VGR-32 OWLT IS 09H 19M 26S					2L
147	234 00:59:44	31	25	OPCH 25		== END TLC TEST DOWN-LINK ==					1TD
148	234 01:05:22	31	60 SET			10 DEGREE SET DSC-60					1V
149	234 02:51:33	31				B- UVSLEW			28797:04:001F	02-233/15:00:35	1TB
150	234 02:51:33	31				SLEW TO HELIO-12A			28797:04:001F	02-233/15:00:35	1T
151	234 02:51:33	31				B- PLATPOA			28797:04:001F	02-233/15:00:35	1TB
152	234 02:51:33	31			AC7SPK	(1 12 1 075 108) EL SLEW R=LOW	AACS		28797:04:003F	02-233/15:00:36	1ECa
153	234 02:53:59	31				B- SLEND			28797:07:034F	02-233/15:03:01	1TB
154	234 02:53:59	31			SLEWEND	AZ=125.000 EL=165.518 CO=160.595			28797:07:034F	02-233/15:03:01	1T
155	234 03:36:51	32	40RISE			10 DEGREE RISE DSC-40					2V
156	234 03:45:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9142					1DP
157	234 04:29:40	31	40RISE			10 DEGREE RISE DSC-40					1V

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 34 DOY 02-231/00:00 - 02-238/00:00

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
158	234 05:21:53	32			AC7SSB	(4 +177) SS BIAS CONTROL --- YAW	AACS		22658:25:003F	02-233/20:02:23	2ECa
159	234 08:31:18	31	10	SET		10 DEGREE SET DSC-10					1V
160	234 10:00:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-9158 (D/L ONLY)					2DP
161	234 11:35:00	31	43	AO	OPCH ACE	AOS DSS-43 PASS-9142 (D/L ONLY)					1DP
162	234 12:00:00	31				VGR-31 OWLT IS 11H 51M 01S					1L
163	234 12:00:00	32				VGR-32 OWLT IS 09H 19M 31S					2L
164	234 13:25:28	31	60	RISE		10 DEGREE RISE DSC-60					1V
165	234 13:30:00	31	43	LO	OPCH ACE	LOS DSS-43 PASS-9142					1DP
166	234 13:34:47	31	40	SET		10 DEGREE SET DSC-40					1V
167	234 18:55:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-9142 (D/L ONLY)					1DP
168	234 19:35:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-9158					2DP
169	234 19:43:51	32	40	SET		10 DEGREE SET DSC-40					2V
170	234 20:58:18	31	10	RISE		10 DEGREE RISE DSC-10					1V
171	235 00:00:00	31				VGR-31 OWLT IS 11H 51M 07S					1L
172	235 00:00:00	32				VGR-32 OWLT IS 09H 19M 36S					2L
173	235 00:40:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-9143 (D/L ONLY)					1DP
174	235 01:00:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-9142					1DP
175	235 01:01:24	31	60	SET		10 DEGREE SET DSC-60					1V
176	235 02:51:45	31				B- UVSLEW			28827:04:001F	02-234/15:00:35	1TB
177	235 02:51:45	31				SLEW TO HELIO-11A			28827:04:001F	02-234/15:00:35	1T
178	235 02:51:45	31				B- PLATPOA			28827:04:001F	02-234/15:00:35	1TB
179	235 02:51:45	31			AC7SPK	(1 12 2 068 132) EL SLEW R=LOW	AACS		28827:04:003F	02-234/15:00:36	1ECa
180	235 02:53:59	31				B- SLEND			28827:06:634F	02-234/15:02:49	1TB

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 34 DOY 02-231/00:00 - 02-238/00:00

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
181	235 02:53:59	31			SLEWEND	AZ=125.000 EL=176.032 CO=170.408			28827:06:634F	02-234/15:02:49	1T
182	235 03:32:51	32	40RISE			10 DEGREE RISE DSC-40					2V
183	235 04:25:42	31	40RISE			10 DEGREE RISE DSC-40					1V
184	235 07:40:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9143					1DP
185	235 08:27:21	31	10 SET			10 DEGREE SET DSC-10					1V
186	235 10:45:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9159 (D/L ONLY)					2DP
187	235 12:00:00	31				VGR-31 OWLT IS 11H 51M 13S					1L
188	235 12:00:00	32				VGR-32 OWLT IS 09H 19M 41S					2L
189	235 13:21:33	31	60RISE			10 DEGREE RISE DSC-60					1V
190	235 13:30:52	31	40 SET			10 DEGREE SET DSC-40					1V
191	235 13:31:02	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		28840:23:002F	02-235/01:39:48	1ECd
192	235 13:31:02	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0549	DTR		28840:23:002F	02-235/01:39:48	1ESd
193	235 13:45:21	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		28840:40:715F	02-235/01:54:06	1ECd
194	235 13:45:21	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0859	DTR		28840:40:715F	02-235/01:54:06	1ESd
195	235 16:28:27	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
196	235 16:28:27	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
197	235 16:29:15	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					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
198	235 16:29:15	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
199	235 16:31:03	31			CC16C	(7026) DTR STATE SELECT: READY	DTR		28844:08:002F	02-235/04:39:48	1ECd
200	235 16:31:03	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0859	DTR		28844:08:002F	02-235/04:39:48	1ESd
201	235 16:31:51	31				AHEL11 PWSREC 10			28844:09:001F	02-235/04:40:35	1T
202	235 16:31:51	31				B- PWSREC.31			28844:09:001F	02-235/04:40:35	1TB
203	235 16:31:51	31				BEGIN PWSREC.31			28844:09:001F	02-235/04:40:35	1T
204	235 16:31:51	31			SC32AJ	(10) PLS CONFIG CMD	FDS		28844:09:009F	02-235/04:40:36	1ECF
205	235 16:32:39	31				B- DRGS4B			28844:10:001F	02-235/04:41:23	1TB
206	235 16:32:39	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		28844:10:009F	02-235/04:41:24	1ECF
207	235 16:33:23	31				BEGIN RECORDING PWS DATA			28844:10:734F	02-235/04:42:07	1T
208	235 16:33:23	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		28844:10:735F	02-235/04:42:08	1ECd
209	235 16:33:23	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:0859	DTR		28844:10:735F	02-235/04:42:08	1ESd
210	235 16:33:27	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE -----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	28844:11:001F	02-235/04:42:11	1ESF

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 34 DOY 02-231/00:00 - 02-238/00:00

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
211	235 16:33:27	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		28844:11:002F	02-235/04:42:12	1ECs
212	235 16:33:28	31				B- DRCRUS			28844:11:018F	02-235/04:42:12	1TB
213	235 16:33:28	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		28844:11:026F	02-235/04:42:13	1ECF
214	235 16:34:15	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	28844:12:001F	02-235/04:42:59	1ESF
215	235 16:34:15	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		28844:12:002F	02-235/04:43:00	1ECd
216	235 16:34:15	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0566	DTR		28844:12:002F	02-235/04:43:00	1ESd
217	235 16:34:15	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		28844:12:002F	02-235/04:43:00	1ECs
218	235 16:35:03	31			SC32AJ	(11) PLS CONFIG CMD	FDS		28844:13:009F	02-235/04:43:48	1ECf
219	235 16:35:04	31				END PWSREC.31			28844:13:018F	02-235/04:43:48	1T
220	235 18:40:40	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		28846:50:002F	02-235/06:49:24	1ECd
221	235 18:40:40	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:0560	DTR		28846:50:002F	02-235/06:49:24	1ESd
222	235 18:41:08	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		28846:50:472F	02-235/06:49:52	1ECd

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 34 DOY 02-231/00:00 - 02-238/00:00

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
223	235 18:41:08	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0549	DTR		28846:50:472F	02-235/06:49:52	1ESd
224	235 18:50:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-9143 (D/L ONLY)					1DP
225	235 19:15:00	32	34	LO	OPCH ACE	LOS DSS-34 PASS-9159					2DP
226	235 19:30:17	31				B- GYONBC.31			28847:52:001F	02-235/07:38:59	1TB
227	235 19:30:17	31				BEGIN GYONBC31			28847:52:001F	02-235/07:38:59	1T
228	235 19:30:17	31			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		28847:52:003F	02-235/07:39:00	1ECa
229	235 19:30:17	31			CC7GARP	GYRO A OFF	PWR		28847:52:004F	02-235/07:39:00	1ECp
230	235 19:30:17	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		28847:52:004F	02-235/07:39:00	1ESa
231	235 19:30:17	31			CC7GARP	GYRO A OFF	PWR		28847:52:006F	02-235/07:39:00	1ECp
232	235 19:30:17	31			CC7PC	(352) GYRO A OFF	AACS		28847:52:008F	02-235/07:39:00	1ECa
233	235 19:30:17	31			CC7GCP	GYRO C ON	PWR		28847:52:009F	02-235/07:39:00	1ECp
234	235 19:30:17	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: ON	AACS		28847:52:009F	02-235/07:39:00	1ESa
235	235 19:30:18	31			CC7GCP	GYRO C ON	PWR		28847:52:011F	02-235/07:39:00	1ECp
236	235 19:30:18	31			CC7PC	(373) GYRO C ON	AACS		28847:52:013F	02-235/07:39:00	1ECa
237	235 19:30:18	31			CC7GBP	GYRO B ON	PWR		28847:52:013F	02-235/07:39:00	1ECp

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 34 DOY 02-231/00:00 - 02-238/00:00

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
238	235 19:30:18	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		28847:52:013F	02-235/07:39:00	1ESa
239	235 19:30:18	31			CC7GBP	GYRO B ON	PWR		28847:52:016F	02-235/07:39:00	1ECp
240	235 19:30:18	31			CC7PC	(363) GYRO B ON	AACS		28847:52:018F	02-235/07:39:00	1ECa
241	235 19:30:46	31				DRIRU INITIALIZATION			28847:52:484F	02-235/07:39:28	1T
242	235 19:30:47	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		28847:52:502F	02-235/07:39:30	1ECa
243	235 19:31:16	31				SET CALIB			28847:53:184F	02-235/07:39:58	1T
244	235 19:31:17	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		28847:53:204F	02-235/07:40:00	1ECa
245	235 19:39:51	32	40	SET		10 DEGREE SET DSC-40					2V
246	235 19:40:16	31				START GYRO FAULT TEST			28848:04:384F	02-235/07:48:58	1T
247	235 19:40:17	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		28848:04:402F	02-235/07:49:00	1ECa
248	235 19:40:18	31				END GYONBC31			28848:04:418F	02-235/07:49:00	1T
249	235 20:54:22	31	10	RISE		10 DEGREE RISE DSC-10					1V
250	235 21:40:42	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		28850:35:002F	02-235/09:49:24	1ECd
251	235 21:40:42	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:0549	DTR		28850:35:002F	02-235/09:49:24	1ESd
252	236 00:00:00	31				VGR-31 OWLT IS 11H 51M 19S					1L
253	236 00:00:00	32				VGR-32 OWLT IS 09H 19M 45S					2L
254	236 00:35:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-9144 (D/L ONLY)					1DP
255	236 00:55:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-9143					1DP
256	236 00:57:27	31	60	SET		10 DEGREE SET DSC-60					1V

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 34 DOY 02-231/00:00 - 02-238/00:00

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
257	236 02:51:57	31				B- UVSLEW			28857:04:001F	02-235/15:00:35	1TB
258	236 02:51:57	31				SLEW TO MIDPNT			28857:04:001F	02-235/15:00:35	1T
259	236 02:51:57	31				B- PLATPOB			28857:04:001F	02-235/15:00:35	1TB
260	236 02:51:57	31			AC7SPK	(1 12 1 093 214) EL SLEW R=LOW	AACS		28857:04:003F	02-235/15:00:36	1ECa
261	236 02:51:57	31			AC7SPK	(2 12 1 165 130) AZ SLEW R=LOW	AACS		28857:04:005F	02-235/15:00:36	1ECa
262	236 03:18:41	31				B- SLEND			28857:37:334F	02-235/15:27:19	1TB
263	236 03:18:41	31			SLEWEND	AZ=220.013 EL=140.021 CO=135.354			28857:37:334F	02-235/15:27:19	1T
264	236 03:28:52	32	40RISE			10 DEGREE RISE DSC-40					2V
265	236 04:21:44	31	40RISE			10 DEGREE RISE DSC-40					1V
266	236 07:25:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9144					1DP
267	236 07:30:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9160 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
268	236 08:23:23	31	10 SET			10 DEGREE SET DSC-10					1V
269	236 12:00:00	31				VGR-31 OWLT IS 11H 51M 25S					1L
270	236 12:00:00	32				VGR-32 OWLT IS 09H 19M 50S					2L
271	236 13:17:38	31	60RISE			10 DEGREE RISE DSC-60					1V
272	236 13:26:57	31	40 SET			10 DEGREE SET DSC-40					1V
273	236 17:30:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9160					2DP
274	236 18:50:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9144 (D/L ONLY)					1DP
275	236 19:35:52	32	40 SET			10 DEGREE SET DSC-40					2V
276	236 20:50:27	31	10RISE			10 DEGREE RISE DSC-10					1V
277	237 00:00:00	31				VGR-31 OWLT IS 11H 51M 31S					1L
278	237 00:00:00	32				VGR-32 OWLT IS 09H 19M 55S					2L
279	237 00:53:29	31	60 SET			10 DEGREE SET DSC-60					1V

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 34 DOY 02-231/00:00 - 02-238/00:00

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
280	237 00:55:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9144					1DP
281	237 02:20:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9145 (D/L ONLY)					1DP
282	237 02:52:08	31				B- UVSLEW			28887:04:001F	02-236/15:00:35	1TB
283	237 02:52:08	31				SLEW TO HELIO-10A			28887:04:001F	02-236/15:00:35	1T
284	237 02:52:08	31				B- PLATPOB			28887:04:001F	02-236/15:00:35	1TB
285	237 02:52:08	31			AC7SPK	(2 12 2 222 177) AZ SLEW R=LOW	AACS		28887:04:003F	02-236/15:00:36	1ECa
286	237 02:52:08	31			AC7SPK	(1 12 1 071 142) EL SLEW R=LOW	AACS		28887:04:005F	02-236/15:00:36	1ECa
287	237 03:14:56	31				B- SLEND			28887:32:401F	02-236/15:23:23	1TB
288	237 03:14:56	31			SLEWEND	AZ=299.984 EL=172.024 CO=173.348			28887:32:401F	02-236/15:23:23	1T
289	237 03:24:52	32	40RISE			10 DEGREE RISE DSC-40					2V
290	237 04:17:47	31	40RISE			10 DEGREE RISE DSC-40					1V
291	237 07:00:00	31	45 AO	OPCH ACE		AOS DSS-45 PASS-9145 (D/L ONLY)					1DP
292	237 07:10:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9161 (D/L ONLY)					2DP
293	237 07:20:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9145					1DP
294	237 07:50:22	32			AC7SSB	(4 +178) SS BIAS CONTROL --- YAW	AACS		22751:30:003F	02-236/22:30:23	2ECa
295	237 08:19:26	31	10 SET			10 DEGREE SET DSC-10					1V
296	237 12:00:00	31				VGR-31 OWLT IS 11H 51M 37S					1L
297	237 12:00:00	32				VGR-32 OWLT IS 09H 20M 00S					2L
298	237 12:25:00	31	45 LO	OPCH ACE		LOS DSS-45 PASS-9145					1DP
299	237 13:13:43	31	60RISE			10 DEGREE RISE DSC-60					1V
300	237 13:23:02	31	40 SET			10 DEGREE SET DSC-40					1V
301	237 16:00:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9161					2DP
302	237 19:31:52	32	40 SET			10 DEGREE SET DSC-40					2V

INTEGRATED SEQUENCE FOR JST A044F JSX B117F WEEK 34 DOY 02-231/00:00 - 02-238/00:00

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
303	237 20:46:32	31	10RISE			10 DEGREE RISE DSC-10					1V
304	238 00:00:00	31				VGR-31 OWLT IS 11H 51M 43S					1L
305	238 00:00:00	32				VGR-32 OWLT IS 09H 20M 04S					2L