



# INTEGRATED FLIGHT SOE

WEEK 45

SEQUENCE ID A061/B133 DATE OF RELEASE Novemer 2, 2006

EXECUTION PERIOD 11/06/06 to 11/12/06 (06-310 to 06-316)

Distribution:  
soe list (2)

S. HOWARD

600-100

R. WONG

600-100

INTEGRATED SEQUENCE FOR JST A061F JSX B133F WEEK 45 DOY 06-310/00:00 - 06-317/00:00

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	310 00:00:00	31				VGR-31 OWLT IS 14H 04M 16S					1L
2	310 00:00:00	32				VGR-32 OWLT IS 11H 17M 29S					2L
3	310 02:40:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0683					1DP
4	310 03:34:23	31	10 SET			10.2 DEGREE SET DSC-10					1V
5	310 08:32:33	31	60RISE			10.2 DEGREE RISE DSC-60					1V
6	310 08:39:44	31	40 SET			10.2 DEGREE SET DSC-40					1V
7	310 11:17:36	32				B134 UPLINK WINDOW OPEN			03237:22:018F	06-310/00:00:00	2T
8	310 12:00:00	31				VGR-31 OWLT IS 14H 04M 20S					1L
9	310 12:00:00	32				VGR-32 OWLT IS 11H 17M 35S					2L
10	310 14:46:33	31			AC7SSB	(4 +153) SS BIAS CONTROL --- YAW	AACS		09383:11:003F	06-310/00:42:12	1ECa
11	310 15:06:02	32	40 SET			10.2 DEGREE SET DSC-40					2V
12	310 15:15:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-0699					2DP
13	310 16:05:05	31	10RISE			10.2 DEGREE RISE DSC-10					1V
14	310 16:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0683 (D/L ONLY)					1DP
15	310 16:35:00	31				CFG CODES					1DP
16	310 18:15:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0684 (D/L ONLY)					1DP
17	310 18:15:00	31				CFG CODES					1DP
18	310 18:16:02	32			AC7SSB	(3 -008) SS BIAS CONTROL - PITCH	AACS		03246:05:003F	06-310/06:58:23	2ECa
19	310 18:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0683					1DP
20	310 19:41:10	31	60 SET			14.6 DEGREE SET DSC-60					1V
21	310 22:21:45	32	40RISE			10.2 DEGREE RISE DSC-40					2V
22	310 23:30:43	31	40RISE			10.2 DEGREE RISE DSC-40					1V

INTEGRATED SEQUENCE FOR JST A061F JSX B133F WEEK 45 DOY 06-310/00:00 - 06-317/00:00

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
23	311 00:00:00	31				VGR-31 OWLT IS 14H 04M 24S					1L
24	311 00:00:00	32				VGR-32 OWLT IS 11H 17M 40S					2L
25	311 00:55:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-0700 (D/L ONLY)					2DP
26	311 00:55:00	32				CFG CODES					2DP
27	311 02:35:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0684					1DP
28	311 03:30:29	31	10 SET			10.2 DEGREE SET DSC-10					1V
29	311 08:28:40	31	60RISE			10.2 DEGREE RISE DSC-60					1V
30	311 08:30:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-0700 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
31	311 08:35:51	31	40 SET			10.2 DEGREE SET DSC-40					1V
32	311 08:50:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-0700					2DP
33	311 10:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0684 (D/L ONLY)					1DP
34	311 10:00:00	31				CFG CODES					1DP
35	311 12:00:00	31				VGR-31 OWLT IS 14H 04M 28S					1L
36	311 12:00:00	32				VGR-32 OWLT IS 11H 17M 46S					2L
37	311 12:09:04	31			AC7SSB	(3 +013) SS BIAS CONTROL - PITCH	AACS		09409:54:003F	06-310/22:04:36	1ECa
38	311 13:10:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-0700					2DP
39	311 15:02:06	32	40 SET			10.2 DEGREE SET DSC-40					2V
40	311 16:01:12	31	10RISE			10.2 DEGREE RISE DSC-10					1V
41	311 18:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0684					1DP
42	311 19:37:18	31	60 SET			14.6 DEGREE SET DSC-60					1V
43	311 22:17:54	32	40RISE			10.2 DEGREE RISE DSC-40					2V
44	311 23:26:49	31	40RISE			10.2 DEGREE RISE DSC-40					1V

INTEGRATED SEQUENCE FOR JST A061F JSX B133F WEEK 45 DOY 06-310/00:00 - 06-317/00:00

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	312 00:00:00	31				VGR-31 OWLT IS 14H 04M 32S					1L
46	312 00:00:00	32				VGR-32 OWLT IS 11H 17M 51S					2L
47	312 00:35:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0685 (D/L ONLY)					1DP
48	312 00:35:00	31				CFG CODES					1DP
49	312 02:17:45	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
50	312 02:17:45	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
51	312 02:18:33	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
52	312 02:18:33	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
53	312 02:21:09	31				BEGIN PWSREC.31			09427:39:001F	06-311/12:16:35	1T
54	312 02:21:09	31				B- AHELI06A.31			09427:39:001F	06-311/12:16:35	1TB
55	312 02:21:09	31				ENABLE AHELI1			09427:39:001F	06-311/12:16:35	1T
56	312 02:21:09	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09427:39:010F	06-311/12:16:36	1ECF
57	312 02:21:57	31				B- DRGS4B			09427:40:001F	06-311/12:17:23	1TB
58	312 02:21:57	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		09427:40:009F	06-311/12:17:24	1ECF
59	312 02:22:41	31				BEGIN RECORDING PWS DATA			09427:40:734F	06-311/12:18:07	1T
60	312 02:22:41	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09427:40:735F	06-311/12:18:08	1ECd

INTEGRATED SEQUENCE FOR JST A061F JSX B133F WEEK 45 DOY 06-310/00:00 - 06-317/00:00

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
61	312 02:22:41	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:0849	DTR		09427:40:735F	06-311/12:18:08	1ESd
62	312 02:22:45	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09427:41:001F	06-311/12:18:11	1ESf
63	312 02:22:45	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		09427:41:002F	06-311/12:18:11	1ECs
64	312 02:22:46	31				B- DRCRUS			09427:41:018F	06-311/12:18:12	1TB
65	312 02:22:46	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		09427:41:026F	06-311/12:18:13	1ECf
66	312 02:23:33	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09427:42:001F	06-311/12:18:59	1ESf
67	312 02:23:33	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		09427:42:002F	06-311/12:18:59	1ECs
68	312 02:23:33	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09427:42:002F	06-311/12:19:00	1ECd
69	312 02:23:33	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1141	DTR		09427:42:002F	06-311/12:19:00	1ESd

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
70	312 02:24:21	31			SC32AJ	(13) PLS CONFIG CMD	FDS		09427:43:009F	06-311/12:19:48	1ECf
71	312 02:24:22	31				END PWSREC.31			09427:43:018F	06-311/12:19:48	1T
72	312 02:25:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0685					1DP
73	312 02:29:40	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
74	312 02:29:40	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
75	312 02:30:28	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
76	312 02:30:28	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
77	312 02:33:52	32				BEGIN PWSREC			03286:27:001F	06-311/15:15:59	2T
78	312 02:33:52	32				B- DRGS4B			03286:27:001F	06-311/15:15:59	2TB
79	312 02:33:52	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		03286:27:009F	06-311/15:16:00	2ECf
80	312 02:34:36	32				BEGIN RECORDING PWS DATA			03286:27:734F	06-311/15:16:43	2T
81	312 02:34:36	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		03286:27:735F	06-311/15:16:43	2ECd
82	312 02:34:36	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2934	DTR		03286:27:735F	06-311/15:16:43	2ESd

INTEGRATED SEQUENCE FOR JST A061F JSX B133F WEEK 45 DOY 06-310/00:00 - 06-317/00:00

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	312 02:34:40	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	03286:28:001F	06-311/15:16:47	2ESf
84	312 02:34:40	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		03286:28:002F	06-311/15:16:47	2ECs
85	312 02:34:41	32				B- DRCRUS			03286:28:018F	06-311/15:16:48	2TB
86	312 02:34:41	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		03286:28:025F	06-311/15:16:49	2ECf
87	312 02:35:28	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	03286:29:001F	06-311/15:17:35	2ESf
88	312 02:35:28	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		03286:29:001F	06-311/15:17:35	2ECd
89	312 02:35:28	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3225	DTR		03286:29:001F	06-311/15:17:35	2ESd
90	312 02:35:28	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		03286:29:002F	06-311/15:17:35	2ECs
91	312 02:35:29	32				END PWSREC			03286:29:018F	06-311/15:17:36	2T
92	312 03:26:35	31	10	SET		10.2 DEGREE SET DSC-10					1V
93	312 05:30:00	32	45	AOS	OPCH ACE	AOS DSS-45 PASS-0701 (D/L ONLY)					2DP

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
94	312 05:30:00	32				CFG CODES					2DP
95	312 08:24:47	31	60RISE			10.2 DEGREE RISE DSC-60					1V
96	312 08:31:58	31	40 SET			10.2 DEGREE SET DSC-40					1V
97	312 09:30:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-0701 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
98	312 10:00:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-0701					2DP
99	312 12:00:00	31				VGR-31 OWLT IS 14H 04M 36S					1L
100	312 12:00:00	32				VGR-32 OWLT IS 11H 17M 57S					2L
101	312 13:10:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-0701					2DP
102	312 14:58:10	32	40 SET			10.2 DEGREE SET DSC-40					2V
103	312 15:57:19	31	10RISE			10.2 DEGREE RISE DSC-10					1V
104	312 17:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0685 (D/L ONLY)					1DP
105	312 17:00:00	31				CFG CODES					1DP
106	312 18:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0685					1DP
107	312 18:25:50	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
108	312 18:25:50	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
109	312 18:26:02	31				BEGIN PMPCALLR			09447:45:001F	06-312/04:21:23	1T
110	312 18:26:02	31				INITIATE PMPCAL CYCLIC			09447:45:001F	06-312/04:21:23	1T
111	312 18:26:02	31				PMPCAL LOOPS=27D22H24M 13 TIMES			09447:45:001F	06-312/04:21:23	1T
112	312 18:30:02	31				B- DR5T			09447:50:001F	06-312/04:25:23	1TB



INTEGRATED SEQUENCE FOR JST A061F JSX B133F WEEK 45 DOY 06-310/00:00 - 06-317/00:00

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
113	312 18:30:02	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		09447:50:008F	06-312/04:25:24	1ECf
114	312 18:30:50	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09447:51:001F	06-312/04:26:11	1ESf
115	312 18:30:50	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		09447:51:001F	06-312/04:26:11	1ECs
116	312 18:37:15	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		09447:59:008F	06-312/04:32:36	1ECf
117	312 18:38:03	31				BEGIN PLS/MAG/PESCAL			09448:00:001F	06-312/04:33:23	1T
118	312 19:33:23	31	60 SET			14.6 DEGREE SET DSC-60					1V
119	312 20:15:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0686 (U/L PASS)					1DP
120	312 20:20:27	31				END PLSCAL			09450:08:001F	06-312/06:15:47	1T
121	312 21:40:28	31				END MAGCAL			09451:48:001F	06-312/07:35:47	1T
122	312 21:53:52	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
123	312 21:53:52	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
124	312 21:58:04	31				END PESCAL			09452:10:001F	06-312/07:53:23	1T
125	312 21:58:04	31				B- DR Crus			09452:10:001F	06-312/07:53:23	1TB

INTEGRATED SEQUENCE FOR JST A061F JSX B133F WEEK 45 DOY 06-310/00:00 - 06-317/00:00

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
126	312 21:58:04	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		09452:10:010F	06-312/07:53:24	1ECf
127	312 21:58:52	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09452:11:001F	06-312/07:54:11	1ESf
128	312 21:58:52	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		09452:11:002F	06-312/07:54:11	1ECs
129	312 21:58:53	31				END PMPCALLR			09452:11:018F	06-312/07:54:12	1T
130	312 22:14:02	32	40RISE			10.2 DEGREE RISE DSC-40					2V
131	312 23:22:55	31	40RISE			10.2 DEGREE RISE DSC-40					1V
132	312 23:40:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0686					1DP
133	313 00:00:00	31				VGR-31 OWLT IS 14H 04M 40S					1L
134	313 00:00:00	32				VGR-32 OWLT IS 11H 18M 02S					2L
135	313 03:22:40	31	10 SET			10.2 DEGREE SET DSC-10					1V
136	313 03:45:00	31	43 AOS	OPCH ACE		AOS DSS-43 PASS-0686 (D/L ONLY)					1DP
137	313 03:45:00	31				CFG CODES					1DP
138	313 04:18:42	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
139	313 04:23:42	31				X BAND LOW POWER			09460:12:001F	06-312/14:18:59	1T
140	313 04:23:42	31			DC2HR	X-BAND TWT LOW POWER	RFS		09460:12:002F	06-312/14:18:59	1ECr
141	313 04:27:42	31			CC1T	BAY 1 HTR ON	PWR		09460:17:002F	06-312/14:22:59	1ECp
142	313 04:27:43	31				END PWSPBA31			09460:17:018F	06-312/14:23:00	1T

INTEGRATED SEQUENCE FOR JST A061F JSX B133F WEEK 45 DOY 06-310/00:00 - 06-317/00:00

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
143	313 04:27:43	31				END BASLIN			09460:17:018F	06-312/14:23:00	1T
144	313 06:00:00	31	43 LOS	OPCH ACE		LOS DSS-43 PASS-0686					1DP
145	313 08:15:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-0702 (D/L ONLY)					2DP
146	313 08:15:00	32				CFG CODES					2DP
147	313 08:20:54	31	60RISE			10.2 DEGREE RISE DSC-60					1V
148	313 08:28:05	31	40 SET			10.2 DEGREE SET DSC-40					1V
149	313 12:00:00	31				VGR-31 OWLT IS 14H 04M 44S					1L
150	313 12:00:00	32				VGR-32 OWLT IS 11H 18M 07S					2L
151	313 14:54:14	32	40 SET			10.2 DEGREE SET DSC-40					2V
152	313 14:55:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-0702					2DP
153	313 15:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0686 (D/L ONLY)					1DP
154	313 15:30:00	31				CFG CODES					1DP
155	313 15:53:26	31	10RISE			10.2 DEGREE RISE DSC-10					1V
156	313 18:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0686					1DP
157	313 19:29:31	31	60 SET			14.6 DEGREE SET DSC-60					1V
158	313 22:10:11	32	40RISE			10.2 DEGREE RISE DSC-40					2V
159	313 23:10:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0687 (D/L ONLY)					1DP
160	313 23:10:00	31				CFG CODES					1DP
161	313 23:19:00	31	40RISE			10.2 DEGREE RISE DSC-40					1V
162	314 00:00:00	31				VGR-31 OWLT IS 14H 04M 48S					1L
163	314 00:00:00	32				VGR-32 OWLT IS 11H 18M 13S					2L
164	314 01:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0687 (D/L ONLY)					1DP

INTEGRATED SEQUENCE FOR JST A061F JSX B133F WEEK 45 DOY 06-310/00:00 - 06-317/00:00

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
165	314 01:00:00	31				CFG CODES					1DP
166	314 01:20:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0687					1DP
167	314 02:20:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0687					1DP
168	314 03:18:46	31	10 SET			10.2 DEGREE SET DSC-10					1V
169	314 06:40:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-0703 (D/L ONLY)					2DP
170	314 06:40:00	32				CFG CODES					2DP
171	314 08:17:01	31	60RISE			10.2 DEGREE RISE DSC-60					1V
172	314 08:24:12	31	40 SET			10.2 DEGREE SET DSC-40					1V
173	314 12:00:00	31				VGR-31 OWLT IS 14H 04M 52S					1L
174	314 12:00:00	32				VGR-32 OWLT IS 11H 18M 18S					2L
175	314 14:50:19	32	40 SET			10.2 DEGREE SET DSC-40					2V
176	314 15:00:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-0703					2DP
177	314 15:49:33	31	10RISE			10.2 DEGREE RISE DSC-10					1V
178	314 16:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0687 (D/L ONLY)					1DP
179	314 16:45:00	31				CFG CODES					1DP
180	314 18:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0687					1DP
181	314 19:25:39	31	60 SET			14.6 DEGREE SET DSC-60					1V
182	314 22:06:19	32	40RISE			10.2 DEGREE RISE DSC-40					2V
183	314 23:15:06	31	40RISE			10.2 DEGREE RISE DSC-40					1V
184	314 23:20:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0688 (D/L ONLY)					1DP
185	314 23:20:00	31				CFG CODES					1DP

INTEGRATED SEQUENCE FOR JST A061F JSX B133F WEEK 45 DOY 06-310/00:00 - 06-317/00:00

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
186	315 00:00:00	31				VGR-31 OWLT IS 14H 04M 56S					1L
187	315 00:00:00	32				VGR-32 OWLT IS 11H 18M 23S					2L
188	315 00:20:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0688					1DP
189	315 00:20:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0688 (D/L ONLY)					1DP
190	315 00:20:00	31				CFG CODES					1DP
191	315 03:14:52	31	10 SET			10.2 DEGREE SET DSC-10					1V
192	315 03:35:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0688					1DP
193	315 05:20:46	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		09521:23:002F	06-314/15:15:48	1ECd
194	315 05:20:46	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1148	DTR		09521:23:002F	06-314/15:15:48	1ESd
195	315 07:11:55	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09523:41:743F	06-314/17:06:56	1ECd
196	315 07:11:55	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3549	DTR		09523:41:743F	06-314/17:06:56	1ESd
197	315 08:13:08	31	60RISE			10.2 DEGREE RISE DSC-60					1V
198	315 08:18:11	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
199	315 08:18:11	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
200	315 08:18:59	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF

INTEGRATED SEQUENCE FOR JST A061F JSX B133F WEEK 45 DOY 06-310/00:00 - 06-317/00:00

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
201	315 08:18:59	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
202	315 08:20:19	31	40 SET			10.2 DEGREE SET DSC-40					1V
203	315 08:20:47	31			CC16C	(7026) DTR STATE SELECT: READY	DTR		09525:08:002F	06-314/18:15:48	1ECd
204	315 08:20:47	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:3549	DTR		09525:08:002F	06-314/18:15:48	1ESd
205	315 08:21:35	31				AHELI1 PWSREC 01			09525:09:001F	06-314/18:16:35	1T
206	315 08:21:35	31				B- PWSREC.31			09525:09:001F	06-314/18:16:35	1TB
207	315 08:21:35	31				BEGIN PWSREC.31			09525:09:001F	06-314/18:16:35	1T
208	315 08:21:35	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09525:09:009F	06-314/18:16:36	1ECf
209	315 08:22:23	31				B- DRGS4B			09525:10:001F	06-314/18:17:23	1TB
210	315 08:22:23	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		09525:10:009F	06-314/18:17:24	1ECf
211	315 08:23:07	31				BEGIN RECORDING PWS DATA			09525:10:734F	06-314/18:18:07	1T
212	315 08:23:07	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09525:10:735F	06-314/18:18:08	1ECd
213	315 08:23:07	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:3549	DTR		09525:10:735F	06-314/18:18:08	1ESd

INTEGRATED SEQUENCE FOR JST A061F JSX B133F WEEK 45 DOY 06-310/00:00 - 06-317/00:00

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
214	315 08:23:11	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09525:11:001F	06-314/18:18:11	1ESf
215	315 08:23:11	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		09525:11:002F	06-314/18:18:11	1ECs
216	315 08:23:12	31				B- DRCRUS			09525:11:018F	06-314/18:18:12	1TB
217	315 08:23:12	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		09525:11:026F	06-314/18:18:13	1ECf
218	315 08:23:59	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09525:12:001F	06-314/18:18:59	1ESf
219	315 08:23:59	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		09525:12:002F	06-314/18:19:00	1ECs
220	315 08:23:59	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09525:12:002F	06-314/18:19:00	1ECd
221	315 08:23:59	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:3256	DTR		09525:12:002F	06-314/18:19:00	1ESd
222	315 08:24:47	31			SC32AJ	(13) PLS CONFIG CMD	FDS		09525:13:009F	06-314/18:19:48	1ECf
223	315 08:24:48	31				END PWSREC.31			09525:13:018F	06-314/18:19:48	1T
224	315 08:30:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-0704 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP

INTEGRATED SEQUENCE FOR JST A061F JSX B133F WEEK 45 DOY 06-310/00:00 - 06-317/00:00

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
225	315 10:30:24	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		09527:50:002F	06-314/20:25:24	1ECd
226	315 10:30:24	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3250	DTR		09527:50:002F	06-314/20:25:24	1ESd
227	315 12:00:00	31				VGR-31 OWLT IS 14H 05M 00S					1L
228	315 12:00:00	32				VGR-32 OWLT IS 11H 18M 29S					2L
229	315 12:07:40	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09529:51:472F	06-314/22:02:40	1ECd
230	315 12:07:40	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1148	DTR		09529:51:472F	06-314/22:02:40	1ESd
231	315 12:16:05	32			AC7SSB	(3 -007) SS BIAS CONTROL - PITCH	AACS		03388:34:003F	06-315/00:57:35	2ECa
232	315 12:50:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-0704 (D/L ONLY)					2DP
233	315 12:50:00	32				CFG CODES					2DP
234	315 12:55:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-0704					2DP
235	315 13:30:25	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		09531:35:002F	06-314/23:25:24	1ECd
236	315 13:30:25	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1148	DTR		09531:35:002F	06-314/23:25:24	1ESd
237	315 14:46:23	32	40 SET			10.2 DEGREE SET DSC-40					2V
238	315 15:30:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-0704					2DP
239	315 15:45:40	31	10RISE			10.2 DEGREE RISE DSC-10					1V
240	315 16:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0688 (D/L ONLY)					1DP



INTEGRATED SEQUENCE FOR JST A061F JSX B133F WEEK 45 DOY 06-310/00:00 - 06-317/00:00

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
241	315 16:35:00	31				CFG CODES					1DP
242	315 18:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0688					1DP
243	315 19:15:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0689 (D/L ONLY)					1DP
244	315 19:15:00	31				CFG CODES					1DP
245	315 19:21:47	31	60 SET			14.6 DEGREE SET DSC-60					1V
246	315 21:50:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-0705 (D/L ONLY)					2DP
247	315 21:50:00	32				CFG CODES					2DP
248	315 22:02:28	32	40RISE			10.2 DEGREE RISE DSC-40					2V
249	315 23:00:52	31			AC7SSB	(4 +154) SS BIAS CONTROL --- YAW	AACS		09543:28:003F	06-315/08:55:48	1ECa
250	315 23:11:12	31	40RISE			10.2 DEGREE RISE DSC-40					1V
251	316 00:00:00	31				VGR-31 OWLT IS 14H 05M 04S					1L
252	316 00:00:00	32				VGR-32 OWLT IS 11H 18M 34S					2L
253	316 02:15:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0689					1DP
254	316 03:10:58	31	10 SET			10.2 DEGREE SET DSC-10					1V
255	316 08:09:15	31	60RISE			10.2 DEGREE RISE DSC-60					1V
256	316 08:16:26	31	40 SET			10.2 DEGREE SET DSC-40					1V
257	316 12:00:00	31				VGR-31 OWLT IS 14H 05M 08S					1L
258	316 12:00:00	32				VGR-32 OWLT IS 11H 18M 39S					2L
259	316 14:42:28	32	40 SET			10.2 DEGREE SET DSC-40					2V
260	316 14:50:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-0705					2DP
261	316 15:41:47	31	10RISE			10.2 DEGREE RISE DSC-10					1V
262	316 16:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0689 (D/L ONLY)					1DP

INTEGRATED SEQUENCE FOR JST A061F JSX B133F WEEK 45 DOY 06-310/00:00 - 06-317/00:00

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
263	316 16:30:00	31				CFG CODES					1DP
264	316 18:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0689					1DP
265	316 19:17:53	31	60 SET			14.6 DEGREE SET DSC-60					1V
266	316 21:58:36	32	40RISE			10.2 DEGREE RISE DSC-40					2V
267	316 23:07:17	31	40RISE			10.2 DEGREE RISE DSC-40					1V
268	317 00:00:00	31				VGR-31 OWLT IS 14H 05M 12S					1L
269	317 00:00:00	32				VGR-32 OWLT IS 11H 18M 45S					2L