INTEGRATED FLIGHT SOE

WEEK 48

SEQUENCE ID A049 /B122   DATE OF RELEASE November 19, 2003

EXECUTION PERIOD 11/24/03 to 11/30/03   (03-328 to 03-334)

INTEGRATED SEQUENCE FOR JST A049F JSX B122F WEEK 48 DOY 03-328/00:00 - 03-335/00:00

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	328 00:00:00	31				VGR-31 OWLT IS 12H 36M 46S					1L
2	328 00:00:00	32				VGR-32 OWLT IS 10H 02M 32S					2L
3	328 02:21:49	31	10 SET			10.2 DEGREE SET DSC-10					1V
4	328 02:50:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-9618					2DP
5	328 05:12:11	32			AC7SSB	(3 -005) SS BIAS CONTROL - PITCH	AACS		36427:19:003F	03-327/19:09:35	2ECa
6	328 07:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9602 (D/L ONLY)					1DP
7	328 07:15:00	31				CFG CODES					1DP
8	328 07:20:27	31	60RISE			10.2 DEGREE RISE DSC-60					1V
9	328 07:27:39	31	40 SET			10.2 DEGREE SET DSC-40					1V
10	328 12:00:00	31				VGR-31 OWLT IS 12H 36M 49S					1L
11	328 12:00:00	32				VGR-32 OWLT IS 10H 02M 37S					2L
12	328 12:45:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9602 (D/L ONLY)					1DP
13	328 12:45:00	31				CFG CODES					1DP
14	328 12:47:01	31			AC7SSB	(3 +012) SS BIAS CONTROL - PITCH	AACS		42578:31:003F	03-328/00:10:12	1ECa
15	328 13:05:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9602					1DP
16	328 13:35:47	32	40 SET			10.2 DEGREE SET DSC-40					2V
17	328 14:52:57	31	10RISE			10.2 DEGREE RISE DSC-10					1V
18	328 16:05:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9602					1DP
19	328 16:05:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9603 (D/L ONLY)					1DP
20	328 16:05:00	31				CFG CODES					1DP
21	328 18:29:12	31	60 SET			14.5 DEGREE SET DSC-60					1V
22	328 21:20:57	32	40RISE			10.2 DEGREE RISE DSC-40					2V

INTEGRATED SEQUENCE FOR JST A049F JSX B122F WEEK 48 DOY 03-328/00:00 - 03-335/00:00

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	328 21:45:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-9619 (D/L ONLY)					2DP
24	328 21:45:00	32				CFG CODES					2DP
25	328 22:18:07	31	40RISE			10.2 DEGREE RISE DSC-40					1V
26	328 22:45:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9603					1DP
27	329 00:00:00	31				VGR-31 OWLT IS 12H 36M 52S					1L
28	329 00:00:00	32				VGR-32 OWLT IS 10H 02M 42S					2L
29	329 02:17:55	31	10 SET			10.2 DEGREE SET DSC-10					1V
30	329 05:30:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-9619					2DP
31	329 06:07:54	31			AC7SSB	(4 +157) SS BIAS CONTROL --- YAW	AACS		42600:12:003F	03-328/17:31:00	1ECa
32	329 07:05:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9603 (D/L ONLY)					1DP
33	329 07:05:00	31				CFG CODES					1DP
34	329 07:16:35	31	60RISE			10.2 DEGREE RISE DSC-60					1V
35	329 07:23:46	31	40 SET			10.2 DEGREE SET DSC-40					1V
36	329 11:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9603					1DP
37	329 12:00:00	31				VGR-31 OWLT IS 12H 36M 55S					1L
38	329 12:00:00	32				VGR-32 OWLT IS 10H 02M 47S					2L
39	329 13:31:53	32	40 SET			10.2 DEGREE SET DSC-40					2V
40	329 14:49:04	31	10RISE			10.2 DEGREE RISE DSC-10					1V
41	329 14:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9603 (D/L ONLY)					1DP
42	329 14:50:00	31				CFG CODES					1DP
43	329 17:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9603					1DP
44	329 18:25:20	31	60 SET			14.5 DEGREE SET DSC-60					1V

INTEGRATED SEQUENCE FOR JST A049F JSX B122F WEEK 48 DOY 03-328/00:00 - 03-335/00:00

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	329 21:17:06	32	40RISE			10.2 DEGREE RISE DSC-40					2V
46	329 21:20:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-9620 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
47	329 22:14:13	31	40RISE			10.2 DEGREE RISE DSC-40					1V
48	329 23:10:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9604 (D/L ONLY)					1DP
49	329 23:10:00	31				CFG CODES					1DP
50	330 00:00:00	31				VGR-31 OWLT IS 12H 36M 58S					1L
51	330 00:00:00	32				VGR-32 OWLT IS 10H 02M 52S					2L
52	330 01:38:40	32		ACE OPCH		>>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
53	330 01:38:40	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
54	330 01:39:28	32		ACE OPCH		>>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
55	330 01:39:28	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
56	330 01:42:52	32				BEGIN PWSREC			36482:57:001F	03-329/15:39:59	2T
57	330 01:42:52	32				B- DRGS4B			36482:57:001F	03-329/15:39:59	2TB
58	330 01:42:52	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		36482:57:009F	03-329/15:40:00	2ECf
59	330 01:43:36	32				BEGIN RECORDING PWS DATA			36482:57:734F	03-329/15:40:43	2T
60	330 01:43:36	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		36482:57:735F	03-329/15:40:43	2ECd

INTEGRATED SEQUENCE FOR JST A049F JSX B122F WEEK 48 DOY 03-328/00:00 - 03-335/00:00

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	330 01:43:36	32				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:2 TIC:3540	DTR		36482:57:735F	03-329/15:40:43	2ESd
62	330 01:43:40	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	36482:58:001F	03-329/15:40:47	2ESf
63	330 01:43:40	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		36482:58:002F	03-329/15:40:47	2ECs
64	330 01:43:41	32				B- DRCRUS			36482:58:018F	03-329/15:40:48	2TB
65	330 01:43:41	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		36482:58:025F	03-329/15:40:49	2ECf
66	330 01:44:28	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	36482:59:001F	03-329/15:41:35	2ESf
67	330 01:44:28	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		36482:59:001F	03-329/15:41:35	2ECd
68	330 01:44:28	32				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:3249	DTR		36482:59:001F	03-329/15:41:35	2ESd
69	330 01:44:28	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		36482:59:002F	03-329/15:41:35	2ECs

INTEGRATED SEQUENCE FOR JST A049F JSX B122F WEEK 48 DOY 03-328/00:00 - 03-335/00:00

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
70	330 01:44:29	32				END PWSREC			36482:59:018F	03-329/15:41:36	2T
71	330 02:14:02	31	10 SET			10.2 DEGREE SET DSC-10					1V
72	330 02:50:11	31		ACE OPCH		>>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
73	330 02:50:11	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
74	330 02:50:59	31		ACE OPCH		>>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
75	330 02:50:59	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
76	330 02:53:35	31				BEGIN PWSREC.31			42626:09:001F	03-329/14:16:35	1T
77	330 02:53:35	31			SC32AJ	(10) PLS CONFIG CMD	FDS		42626:09:010F	03-329/14:16:36	1ECf
78	330 02:54:23	31				B- DRGS4B			42626:10:001F	03-329/14:17:23	1TB
79	330 02:54:23	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		42626:10:009F	03-329/14:17:24	1ECf
80	330 02:55:07	31				BEGIN RECORDING PWS DATA			42626:10:734F	03-329/14:18:07	1T
81	330 02:55:07	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		42626:10:735F	03-329/14:18:08	1ECd
82	330 02:55:07	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:1447	DTR		42626:10:735F	03-329/14:18:08	1ESd

INTEGRATED SEQUENCE FOR JST A049F JSX B122F WEEK 48 DOY 03-328/00:00 - 03-335/00:00

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	330 02:55:11	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 ---------> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	42626:11:001F	03-329/14:18:11	1ESf
84	330 02:55:11	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		42626:11:002F	03-329/14:18:11	1ECs
85	330 02:55:12	31				B- DRCRUS			42626:11:018F	03-329/14:18:12	1TB
86	330 02:55:12	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		42626:11:026F	03-329/14:18:13	1ECf
87	330 02:55:59	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	42626:12:001F	03-329/14:18:59	1ESf
88	330 02:55:59	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		42626:12:002F	03-329/14:18:59	1ECs
89	330 02:55:59	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		42626:12:002F	03-329/14:19:00	1ECd

90	330 02:55:59	31				DTR STATUS
						  MODE:RDY RATE:000.0K
						  DIR:F TRK:1 TIC:1739
							DTR		42626:12:002F	03-329/14:19:00	1ESd

91	330 02:56:47	31			SC32AJ	(13) PLS CONFIG CMD	FDS		42626:13:009F	03-329/14:19:48	1ECf
92	330 02:56:48	31				END PWSREC.31			42626:13:018F	03-329/14:19:48	1T
93	330 03:45:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-9604					1DP

INTEGRATED SEQUENCE FOR JST A049F JSX B122F WEEK 48 DOY 03-328/00:00 - 03-335/00:00

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
94	330 05:25:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-9620					2DP
95	330 07:12:42	31	60RISE			10.2 DEGREE RISE DSC-60					1V
96	330 07:19:54	31	40 SET			10.2 DEGREE SET DSC-40					1V
97	330 08:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9604 (D/L ONLY)					1DP
98	330 08:10:00	31				CFG CODES					1DP
99	330 12:00:00	31				VGR-31 OWLT IS 12H 37M 01S					1L
100	330 12:00:00	32				VGR-32 OWLT IS 10H 02M 56S					2L
101	330 13:28:00	32	40 SET			10.2 DEGREE SET DSC-40					2V
102	330 14:45:12	31	10RISE			10.2 DEGREE RISE DSC-10					1V
103	330 16:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9604					1DP
104	330 16:00:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9605 (D/L ONLY)					1DP
105	330 16:00:00	31				CFG CODES					1DP
106	330 17:00:02	31				B- GYONAB.31			42643:47:001F	03-330/04:22:59	1TB
107	330 17:00:02	31				BEGIN GYONAB31			42643:47:001F	03-330/04:22:59	1T
108	330 17:00:02	31			AC7GYP	(000) DRIRU PATTERN CONTROL GYRO/AXIS=A/PITCH & YAW B/ROLL	AACS		42643:47:004F	03-330/04:23:00	1ECa
109	330 17:00:02	31			CC7GCRP	GYRO C OFF	PWR		42643:47:004F	03-330/04:23:00	1ECp
110	330 17:00:02	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		42643:47:004F	03-330/04:23:00	1ESa
111	330 17:00:02	31			CC7GCRP	GYRO C OFF	PWR		42643:47:006F	03-330/04:23:00	1ECp
112	330 17:00:02	31			CC7PC	(372) GYRO C OFF	AACS		42643:47:008F	03-330/04:23:00	1ECa

INTEGRATED SEQUENCE FOR JST A049F JSX B122F WEEK 48 DOY 03-328/00:00 - 03-335/00:00

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	330 17:00:02	31			CC7GBP	GYRO B ON	PWR		42643:47:009F	03-330/04:23:00	1ECp
114	330 17:00:02	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		42643:47:009F	03-330/04:23:00	1ESa
115	330 17:00:03	31			CC7GBP	GYRO B ON	PWR		42643:47:011F	03-330/04:23:00	1ECp
116	330 17:00:03	31			CC7PC	(363) GYRO B ON	AACS		42643:47:013F	03-330/04:23:00	1ECa
117	330 17:00:03	31			CC7GAP	GYRO A ON	PWR		42643:47:014F	03-330/04:23:00	1ECp
118	330 17:00:03	31				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		42643:47:014F	03-330/04:23:00	1ESa
119	330 17:00:03	31			CC7GAP	GYRO A ON	PWR		42643:47:016F	03-330/04:23:00	1ECp
120	330 17:00:03	31			CC7PC	(353) GYRO A ON	AACS		42643:47:018F	03-330/04:23:00	1ECa
121	330 17:00:31	31				DRIRU INITIALIZATION			42643:47:484F	03-330/04:23:28	1T
122	330 17:00:32	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		42643:47:502F	03-330/04:23:30	1ECa
123	330 17:01:01	31				SET CALIB			42643:48:184F	03-330/04:23:58	1T
124	330 17:01:02	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		42643:48:204F	03-330/04:24:00	1ECa
125	330 17:10:01	31				START GYRO FAULT TEST			42643:59:384F	03-330/04:32:58	1T
126	330 17:10:02	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		42643:59:402F	03-330/04:33:00	1ECa
127	330 17:10:03	31				END GYONAB31			42643:59:418F	03-330/04:33:00	1T
128	330 18:21:28	31	60 SET			14.4 DEGREE SET DSC-60					1V
129	330 20:25:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9605					1DP
130	330 20:45:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-9621 (D/L ONLY)					2DP

INTEGRATED SEQUENCE FOR JST A049F JSX B122F WEEK 48 DOY 03-328/00:00 - 03-335/00:00

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
131	330 20:45:00	32				CFG CODES					2DP
132	330 21:13:15	32	40RISE			10.2 DEGREE RISE DSC-40					2V
133	330 22:10:19	31	40RISE			10.2 DEGREE RISE DSC-40					1V
134	331 00:00:00	31				VGR-31 OWLT IS 12H 37M 04S					1L
135	331 00:00:00	32				VGR-32 OWLT IS 10H 03M 01S					2L
136	331 02:10:08	31	10 SET			10.2 DEGREE SET DSC-10					1V
137	331 05:15:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-9621					2DP
138	331 05:15:00	32	49 AOS	OPCH ACE		AOS DSS-49 PASS-9621 (D/L ONLY)					2DP
139	331 05:15:00	32				CFG CODES					2DP
140	331 07:08:49	31	60RISE			10.2 DEGREE RISE DSC-60					1V
141	331 07:16:01	31	40 SET			10.2 DEGREE SET DSC-40					1V
142	331 09:55:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9605 (D/L ONLY)					1DP
143	331 09:55:00	31				CFG CODES					1DP
144	331 10:35:00	32	49 LOS	OPCH ACE		LOS DSS-49 PASS-9621					2DP
145	331 12:00:00	31				VGR-31 OWLT IS 12H 37M 07S					1L
146	331 12:00:00	32				VGR-32 OWLT IS 10H 03M 06S					2L
147	331 13:24:06	32	40 SET			10.2 DEGREE SET DSC-40					2V
148	331 14:41:19	31	10RISE			10.2 DEGREE RISE DSC-10					1V
149	331 15:55:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9605					1DP
150	331 16:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9606 (D/L ONLY)					1DP
151	331 16:30:00	31				CFG CODES					1DP

INTEGRATED SEQUENCE FOR JST A049F JSX B122F WEEK 48 DOY 03-328/00:00 - 03-335/00:00

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
152	331 18:17:33	31	60 SET			14.5 DEGREE SET DSC-60					1V
153	331 20:40:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-9622 (D/L ONLY)					2DP
154	331 20:40:00	32				CFG CODES					2DP
155	331 21:09:25	32	40RISE			10.2 DEGREE RISE DSC-40					2V
156	331 22:06:26	31	40RISE			10.2 DEGREE RISE DSC-40					1V
157	331 23:45:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9606					1DP
158	332 00:00:00	31				VGR-31 OWLT IS 12H 37M 10S					1L
159	332 00:00:00	32				VGR-32 OWLT IS 10H 03M 10S					2L
160	332 02:06:15	31	10 SET			10.2 DEGREE SET DSC-10					1V
161	332 05:10:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-9622					2DP
162	332 05:15:00	32	49 AOS	OPCH ACE		AOS DSS-49 PASS-9622 (D/L ONLY)					2DP
163	332 05:15:00	32				CFG CODES					2DP
164	332 07:04:56	31	60RISE			10.2 DEGREE RISE DSC-60					1V
165	332 07:12:08	31	40 SET			10.2 DEGREE SET DSC-40					1V
166	332 08:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9606 (D/L ONLY)					1DP
167	332 08:00:00	31				CFG CODES					1DP
168	332 10:06:26	32			AC7SSB	(3 -004) SS BIAS CONTROL - PITCH	AACS		36553:26:003F	03-332/00:03:11	2ECa
169	332 10:30:00	32	49 LOS	OPCH ACE		LOS DSS-49 PASS-9622					2DP
170	332 12:00:00	31				VGR-31 OWLT IS 12H 37M 13S					1L
171	332 12:00:00	32				VGR-32 OWLT IS 10H 03M 15S					2L
172	332 12:28:03	32			AC7SSB	(4 +184) SS BIAS CONTROL --- YAW	AACS		36556:23:003F	03-332/02:24:47	2ECa
173	332 13:20:13	32	40 SET			10.2 DEGREE SET DSC-40					2V

INTEGRATED SEQUENCE FOR JST A049F JSX B122F WEEK 48 DOY 03-328/00:00 - 03-335/00:00

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
174	332 13:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9606					1DP
175	332 14:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9607 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
176	332 14:37:26	31	10RISE			10.2 DEGREE RISE DSC-10					1V
177	332 15:00:00	31	14	OPCH 14		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
178	332 15:00:00	31	14	OPCH 14		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
179	332 15:01:00	31	14	OPCH 14		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
180	332 15:02:00	31	14	OPCH 14		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
181	332 15:27:00	31	14	OPCH 14		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
182	332 18:13:41	31	60 SET			14.4 DEGREE SET DSC-60					1V
183	332 20:40:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9607					1DP
184	332 21:05:35	32	40RISE			10.2 DEGREE RISE DSC-40					2V
185	332 21:25:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-9623 (D/L ONLY)					2DP

INTEGRATED SEQUENCE FOR JST A049F JSX B122F WEEK 48 DOY 03-328/00:00 - 03-335/00:00

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	332 21:25:00	32				CFG CODES					2DP
187	332 22:02:32	31	40RISE			10.2 DEGREE RISE DSC-40					1V
188	332 22:50:39	31			AC7SSB	(3 +011) SS BIAS CONTROL - PITCH	AACS		42711:05:003F	03-332/10:13:24	1ECa
189	333 00:00:00	31				VGR-31 OWLT IS 12H 37M 16S					1L
190	333 00:00:00	32				VGR-32 OWLT IS 10H 03M 20S					2L
191	333 01:55:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-9623					2DP
192	333 02:02:21	31	10 SET			10.2 DEGREE SET DSC-10					1V
193	333 05:30:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-9623 (D/L ONLY)					2DP
194	333 05:30:00	32				CFG CODES					2DP
195	333 05:53:05	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		42719:53:002F	03-332/17:15:48	1ECd
196	333 05:53:05	31					DTR		42719:53:002F	03-332/17:15:48	1ESd

```
                         DTR STATUS
               MODE:SLEW      RATE:007.2K
                DIR:R    TRK:1    TIC:1746
```

| 197 | 333 06:34:07 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 42720:44:234F | 03-332/17:56:49 | 1ECd |
| 198 | 333 06:34:07 | 31 | | | | | DTR | | 42720:44:234F | 03-332/17:56:49 | 1ESd |

```
                         DTR STATUS
               MODE:RDY       RATE:000.0K
                DIR:R    TRK:1    TIC:0859
```

199	333 07:01:04	31	60RISE			10.2 DEGREE RISE DSC-60					1V
200	333 07:08:15	31	40 SET			10.2 DEGREE SET DSC-40					1V
201	333 08:45:00	32	49 AOS	OPCH ACE		AOS DSS-49 PASS-9623 (D/L ONLY)					2DP
202	333 08:45:00	32				CFG CODES					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
203	333 08:50:30	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
204	333 08:50:30	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
205	333 08:51:18	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
206	333 08:51:18	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
207	333 08:53:06	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		42723:38:002F	03-332/20:15:48	1ECd
208	333 08:53:06	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:0859	DTR		42723:38:002F	03-332/20:15:48	1ESd
209	333 08:53:54	31			SC32AJ	(10) PLS CONFIG CMD	FDS		42723:39:009F	03-332/20:16:36	1ECf
210	333 08:53:55	31				AHELI1 PWSREC 12			42723:39:018F	03-332/20:16:36	1T
211	333 08:53:55	31				B- PWSREC.31			42723:39:018F	03-332/20:16:36	1TB
212	333 08:53:55	31				BEGIN PWSREC.31			42723:39:018F	03-332/20:16:36	1T
213	333 08:54:42	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		42723:40:009F	03-332/20:17:24	1ECf
214	333 08:54:43	31				B- DRGS4B			42723:40:018F	03-332/20:17:24	1TB
215	333 08:55:26	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		42723:40:735F	03-332/20:18:08	1ECd

INTEGRATED SEQUENCE FOR JST A049F JSX B122F WEEK 48 DOY 03-328/00:00 - 03-335/00:00

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
216	333 08:55:26	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:0859	DTR		42723:40:735F	03-332/20:18:08	1ESd
217	333 08:55:27	31				BEGIN RECORDING PWS DATA			42723:40:751F	03-332/20:18:08	1T
218	333 08:55:30	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 ---------> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	42723:41:001F	03-332/20:18:11	1ESf
219	333 08:55:30	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		42723:41:002F	03-332/20:18:11	1ECs
220	333 08:55:31	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		42723:41:026F	03-332/20:18:13	1ECf
221	333 08:55:32	31				B- DRCRUS			42723:41:034F	03-332/20:18:13	1TB
222	333 08:56:18	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	42723:42:001F	03-332/20:18:59	1ESf
223	333 08:56:18	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		42723:42:002F	03-332/20:19:00	1ECd
224	333 08:56:18	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1152	DTR		42723:42:002F	03-332/20:19:00	1ESd

INTEGRATED SEQUENCE FOR JST A049F JSX B122F WEEK 48 DOY 03-328/00:00 - 03-335/00:00

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	333 08:56:18	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		42723:42:002F	03-332/20:19:00	1ECs
226	333 08:57:06	31			SC32AJ	(13) PLS CONFIG CMD	FDS		42723:43:009F	03-332/20:19:48	1ECf
227	333 08:57:08	31				END PWSREC.31			42723:43:034F	03-332/20:19:49	1T
228	333 09:00:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-9623					2DP
229	333 09:45:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9607 (D/L ONLY)					1DP
230	333 09:45:00	31				CFG CODES					1DP
231	333 10:25:00	32	49 LOS	OPCH ACE		LOS DSS-49 PASS-9623					2DP
232	333 11:02:42	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		42726:20:002F	03-332/22:25:24	1ECd
233	333 11:02:42	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1158	DTR		42726:20:002F	03-332/22:25:24	1ESd
234	333 11:29:53	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		42726:53:786F	03-332/22:52:35	1ECd
235	333 11:29:53	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1746	DTR		42726:53:786F	03-332/22:52:35	1ESd
236	333 12:00:00	31				VGR-31 OWLT IS 12H 37M 18S					1L
237	333 12:00:00	32				VGR-32 OWLT IS 10H 03M 24S					2L
238	333 13:16:19	32	40 SET			10.2 DEGREE SET DSC-40					2V
239	333 14:02:43	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		42730:05:002F	03-333/01:25:24	1ECd
240	333 14:33:33	31	10RISE			10.2 DEGREE RISE DSC-10					1V
241	333 15:45:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9608 (D/L ONLY)					1DP

INTEGRATED SEQUENCE FOR JST A049F JSX B122F WEEK 48 DOY 03-328/00:00 - 03-335/00:00

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
242	333 15:45:00	31				CFG CODES					1DP
243	333 15:50:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9607					1DP
244	333 16:41:38	31	26	OPCH 26		== START TLC TEST DOWN-LINK ==					1TD
245	333 17:42:38	31	26	OPCH 26		== END TLC TEST DOWN-LINK ==					1TD
246	333 18:09:49	31	60 SET			14.4 DEGREE SET DSC-60					1V
247	333 21:01:44	32	40RISE			10.2 DEGREE RISE DSC-40					2V
248	333 21:05:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-9624 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
249	333 21:14:45	31			AC7SSB	(4 +158) SS BIAS CONTROL --- YAW	AACS		42739:05:003F	03-333/08:37:24	1ECa
250	333 21:58:39	31	40RISE			10.2 DEGREE RISE DSC-40					1V
251	334 00:00:00	31				VGR-31 OWLT IS 12H 37M 21S					1L
252	334 00:00:00	32				VGR-32 OWLT IS 10H 03M 29S					2L
253	334 00:40:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9608					1DP
254	334 01:58:28	31	10 SET			10.2 DEGREE SET DSC-10					1V
255	334 05:10:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-9624					2DP
256	334 06:57:11	31	60RISE			10.2 DEGREE RISE DSC-60					1V
257	334 07:04:23	31	40 SET			10.2 DEGREE SET DSC-40					1V
258	334 09:40:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9608 (D/L ONLY)					1DP
259	334 09:40:00	31				CFG CODES					1DP
260	334 12:00:00	31				VGR-31 OWLT IS 12H 37M 24S					1L
261	334 12:00:00	32				VGR-32 OWLT IS 10H 03M 33S					2L

INTEGRATED SEQUENCE FOR JST A049F JSX B122F WEEK 48 DOY 03-328/00:00 - 03-335/00:00

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
262	334 13:12:26	32	40 SET			10.2 DEGREE SET DSC-40					2V
263	334 14:29:41	31	10RISE			10.2 DEGREE RISE DSC-10					1V
264	334 15:40:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9609 (D/L ONLY)					1DP
265	334 15:40:00	31				CFG CODES					1DP
266	334 15:45:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9608					1DP
267	334 18:00:25	31				B- MISCMD			42765:02:001F	03-334/05:22:59	1TB
268	334 18:00:25	31				MISCMD - GYRO INIT			42765:02:001F	03-334/05:22:59	1T
269	334 18:00:25	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		42765:02:002F	03-334/05:23:00	1ECa
270	334 18:05:57	31	60 SET			14.4 DEGREE SET DSC-60					1V
271	334 20:57:54	32	40RISE			10.2 DEGREE RISE DSC-40					2V
272	334 21:10:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-9625 (D/L ONLY)					2DP
273	334 21:10:00	32				CFG CODES					2DP
274	334 21:54:46	31	40RISE			10.2 DEGREE RISE DSC-40					1V
275	335 00:00:00	31				VGR-31 OWLT IS 12H 37M 27S					1L
276	335 00:00:00	32				VGR-32 OWLT IS 10H 03M 38S					2L