



# INTEGRATED FLIGHT SOE

WEEK 21

SEQUENCE ID A047 / B120 DATE OF RELEASE May 14, 2003

EXECUTION PERIOD 05/19/03 to 05/25/03 (03-139 to 03-145)

Distribution:  
9/25/02  
soe list (8)

OPSCHIEF 230-102  
DSOT 230-102  
I. MILLNER 507-120

S. HOWARD 600-100  
C. PRESLEY 600-100  
C. WEISS 600-100

R. WONG 600-100  
L. ZOTTARELLI 600-100

INTEGRATED SEQUENCE FOR JST A047F JSX B120F WEEK 21 DOY 03-139/00:00 - 03-146/00:00

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	139 00:00:00	31				VGR-31 OWLT IS 12H 07M 58S					1L
2	139 00:00:00	32				VGR-32 OWLT IS 09H 39M 27S					2L
3	139 02:08:44	32	40	SET		10.2 DEGREE SET DSC-40					2V
4	139 03:19:02	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
5	139 04:20:00	31	26	AOS	OPCH ACE	AOS DSS-26 PASS-9413 (D/L ONLY)					1DP
6	139 04:20:00	31				CFG CODES					1DP
7	139 06:53:45	31	60	SET		15.5 DEGREE SET DSC-60					1V
8	139 09:25:00	32	43	AOS	OPCH ACE	AOS DSS-43 PASS-9429 (D/L ONLY)					2DP
9	139 09:25:00	32				CFG CODES					2DP
10	139 09:55:40	32	40	RISE		10.2 DEGREE RISE DSC-40					2V
11	139 10:48:17	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
12	139 11:08:35	31				B- UVSLEW			36907:04:001F	03-138/23:00:35	1TB
13	139 11:08:35	31				SLEW TO HELIO-20B			36907:04:001F	03-138/23:00:35	1T
14	139 11:08:35	31				B- PLATPOA			36907:04:001F	03-138/23:00:35	1TB
15	139 11:08:35	31			AC7SPK	(1 12 2 173 176) EL SLEW R=LOW	AACS		36907:04:003F	03-138/23:00:36	1ECa
16	139 11:13:20	31				B- SLEND			36907:09:751F	03-138/23:05:20	1TB
17	139 11:13:20	31			SLEWEND	AZ=124.998 EL=25.034 CO=21.163			36907:09:751F	03-138/23:05:20	1T
18	139 12:00:00	31				VGR-31 OWLT IS 12H 07M 59S					1L
19	139 12:00:00	32				VGR-32 OWLT IS 09H 39M 27S					2L
20	139 14:00:00	31	26	LOS	OPCH ACE	LOS DSS-26 PASS-9413					1DP
21	139 14:47:40	31	10	SET		10.2 DEGREE SET DSC-10					1V
22	139 15:00:00	32	43	LOS	OPCH ACE	LOS DSS-43 PASS-9429					2DP

INTEGRATED SEQUENCE FOR JST A047F JSX B120F WEEK 21 DOY 03-139/00:00 - 03-146/00:00

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	139 19:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9413 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
24	139 19:42:12	31	60RISE			10.2 DEGREE RISE DSC-60					1V
25	139 19:49:22	31	40 SET			10.2 DEGREE SET DSC-40					1V
26	139 23:55:00	31	63	OPCH 63		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
27	139 23:55:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
28	139 23:56:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
29	139 23:57:00	31	63	OPCH 63		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
30	140 00:00:00	31				VGR-31 OWLT IS 12H 08M 01S					1L
31	140 00:00:00	32				VGR-32 OWLT IS 09H 39M 26S					2L
32	140 00:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9413 (D/L ONLY)					1DP
33	140 00:05:00	31				CFG CODES					1DP
34	140 00:22:00	31	63	OPCH 63		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD

INTEGRATED SEQUENCE FOR JST A047F JSX B120F WEEK 21 DOY 03-139/00:00 - 03-146/00:00

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
35	140 00:25:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9413					1DP
36	140 02:04:49	32	40 SET			10.2 DEGREE SET DSC-40					2V
37	140 03:15:03	31	10RISE			10.2 DEGREE RISE DSC-10					1V
38	140 05:25:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9414 (D/L ONLY)					1DP
39	140 05:25:00	31				CFG CODES					1DP
40	140 05:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9413					1DP
41	140 06:49:46	31	60 SET			15.5 DEGREE SET DSC-60					1V
42	140 09:51:38	32	40RISE			10.2 DEGREE RISE DSC-40					2V
43	140 10:44:19	31	40RISE			10.2 DEGREE RISE DSC-40					1V
44	140 11:08:38	31				B- UVSLEW			36937:04:001F	03-139/23:00:35	1TB
45	140 11:08:38	31				SLEW TO HELIO-4C			36937:04:001F	03-139/23:00:35	1T
46	140 11:08:38	31				B- PLATPOB			36937:04:001F	03-139/23:00:35	1TB
47	140 11:08:38	31			AC7SPK	(1 12 2 114 085) EL SLEW R=LOW	AACS		36937:04:003F	03-139/23:00:36	1ECa
48	140 11:08:38	31			AC7SPK	(2 12 2 042 127) AZ SLEW R=LOW	AACS		36937:04:005F	03-139/23:00:36	1ECa
49	140 11:42:20	31				B- SLEND			36937:46:101F	03-139/23:34:17	1TB
50	140 11:42:20	31			SLEWEND	AZ=43.972 EL=110.005 CO=114.667			36937:46:101F	03-139/23:34:17	1T
51	140 12:00:00	31				VGR-31 OWLT IS 12H 08M 03S					1L
52	140 12:00:00	32				VGR-32 OWLT IS 09H 39M 25S					2L
53	140 13:45:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-9430 (D/L ONLY)					2DP
54	140 13:45:00	32				CFG CODES					2DP
55	140 14:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9414					1DP
56	140 14:43:42	31	10 SET			10.2 DEGREE SET DSC-10					1V

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
57	140 15:39:13	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
58	140 15:39:13	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
59	140 15:40:01	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
60	140 15:40:01	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
61	140 15:43:25	32				BEGIN PWSREC			30800:57:001F	03-140/06:03:59	2T
62	140 15:43:25	32				B- DRGS4B			30800:57:001F	03-140/06:03:59	2TB
63	140 15:43:25	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		30800:57:009F	03-140/06:04:00	2ECf
64	140 15:44:09	32				BEGIN RECORDING PWS DATA			30800:57:734F	03-140/06:04:43	2T
65	140 15:44:09	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		30800:57:735F	03-140/06:04:43	2ECd
66	140 15:44:09	32				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:2348	DTR		30800:57:735F	03-140/06:04:43	2ESd
67	140 15:44:13	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	30800:58:001F	03-140/06:04:47	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
68	140 15:44:13	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		30800:58:002F	03-140/06:04:47	2ECs
69	140 15:44:14	32				B- DRCRUS			30800:58:018F	03-140/06:04:48	2TB
70	140 15:44:14	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		30800:58:025F	03-140/06:04:49	2ECf
71	140 15:45:01	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	30800:59:001F	03-140/06:05:35	2ESf
72	140 15:45:01	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		30800:59:001F	03-140/06:05:35	2ECd
73	140 15:45:01	32				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2057	DTR		30800:59:001F	03-140/06:05:35	2ESd
74	140 15:45:01	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		30800:59:002F	03-140/06:05:35	2ECs
75	140 15:45:02	32				END PWSREC			30800:59:018F	03-140/06:05:36	2T
76	140 16:45:15	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
77	140 16:45:15	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
78	140 16:46:03	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

INTEGRATED SEQUENCE FOR JST A047F JSX B120F WEEK 21 DOY 03-139/00:00 - 03-146/00:00

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
79	140 16:46:03	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
80	140 16:48:39	31				BEGIN PWSREC.31			36944:09:001F	03-140/04:40:35	1T
81	140 16:48:39	31			SC32AJ	(10) PLS CONFIG CMD	FDS		36944:09:009F	03-140/04:40:36	1ECF
82	140 16:49:27	31				B- DRGS4B			36944:10:001F	03-140/04:41:23	1TB
83	140 16:49:27	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		36944:10:009F	03-140/04:41:24	1ECF
84	140 16:50:11	31				BEGIN RECORDING PWS DATA			36944:10:734F	03-140/04:42:07	1T
85	140 16:50:11	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		36944:10:735F	03-140/04:42:08	1ECD
86	140 16:50:11	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:2643	DTR		36944:10:735F	03-140/04:42:08	1ESd
87	140 16:50:15	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE -----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	36944:11:001F	03-140/04:42:11	1ESF
88	140 16:50:15	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		36944:11:002F	03-140/04:42:11	1ECs
89	140 16:50:16	31				B- DRCRUS			36944:11:018F	03-140/04:42:12	1TB

INTEGRATED SEQUENCE FOR JST A047F JSX B120F WEEK 21 DOY 03-139/00:00 - 03-146/00:00

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
90	140 16:50:16	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		36944:11:026F	03-140/04:42:13	1ECf
91	140 16:51:03	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	36944:12:001F	03-140/04:42:59	1ESf
92	140 16:51:03	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		36944:12:002F	03-140/04:42:59	1ECs
93	140 16:51:03	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36944:12:002F	03-140/04:43:00	1ECd
94	140 16:51:03	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2936	DTR		36944:12:002F	03-140/04:43:00	1ESd
95	140 16:51:51	31			SC32AJ	(11) PLS CONFIG CMD	FDS		36944:13:009F	03-140/04:43:48	1ECf
96	140 16:51:52	31				END PWSREC.31			36944:13:018F	03-140/04:43:48	1T
97	140 19:38:13	31	60RISE			10.2 DEGREE RISE DSC-60					1V
98	140 19:45:23	31	40 SET			10.2 DEGREE SET DSC-40					1V
99	140 20:40:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9414 (D/L ONLY)					1DP
100	140 20:40:00	31				CFG CODES					1DP
101	140 20:44:28	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
102	140 20:44:28	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=36 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC



INTEGRATED SEQUENCE FOR JST A047F JSX B120F WEEK 21 DOY 03-139/00:00 - 03-146/00:00

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
103	140 20:48:40	31				B- DRUV5A			36949:09:001F	03-140/08:40:35	1TB
104	140 20:48:40	31			SC06BB	(50 0 07 0) FDS MODE TO: UV-5A PLS INTEGRATION MODE: 0.96 SEC PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		36949:09:009F	03-140/08:40:36	1ECf
105	140 20:49:28	31		ACE	OPCH		FDS	UV-5A	36949:10:001F	03-140/08:41:23	1ESf
						FDS STATUS UV-5A/X600/S10 MEM:PA/FDS11					
106	140 20:49:28	31			CC3A	(36310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=36 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		36949:10:002F	03-140/08:41:23	1ECs
107	140 22:30:00	32	43 AOS	OPCH	ACE	AOS DSS-43 PASS-9430 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
108	140 22:50:00	32	34 LOS	OPCH	ACE	LOS DSS-34 PASS-9430					2DP
109	140 23:08:40	31				B- UVSLEW			36952:04:001F	03-140/11:00:35	1TB
110	140 23:08:40	31				SLEW TO Alpha Vir			36952:04:001F	03-140/11:00:35	1T
111	140 23:08:40	31				B- PLATPOB			36952:04:001F	03-140/11:00:35	1TB
112	140 23:08:40	31			AC7SPK	(1 12 2 110 178) EL SLEW R=LOW	AACS		36952:04:003F	03-140/11:00:36	1ECa
113	140 23:08:40	31			AC7SPK	(2 12 1 022 065) AZ SLEW R=LOW	AACS		36952:04:005F	03-140/11:00:36	1ECa
114	140 23:15:24	31				B- SLEND			36952:12:334F	03-140/11:07:19	1TB
115	140 23:15:24	31			SLEWEND	AZ=16.005 EL=114.855 CO=121.544			36952:12:334F	03-140/11:07:19	1T
116	141 00:00:00	31				VGR-31 OWLT IS 12H 08M 04S					1L
117	141 00:00:00	32				VGR-32 OWLT IS 09H 39M 24S					2L
118	141 00:38:10	31	63	OPCH	63						1TD
						== START TLC TEST DOWN-LINK ==					

INTEGRATED SEQUENCE FOR JST A047F JSX B120F WEEK 21 DOY 03-139/00:00 - 03-146/00:00

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119	141 01:39:10	31	63	OPCH 63		== END TLC TEST DOWN-LINK ==					1TD
120	141 02:00:54	32	40 SET			10.2 DEGREE SET DSC-40					2V
121	141 02:08:40	31				B- UVSLEW			36955:49:001F	03-140/14:00:35	1TB
122	141 02:08:40	31				SLEW TO HELIO-4C			36955:49:001F	03-140/14:00:35	1T
123	141 02:08:40	31				B- PLATPOB			36955:49:001F	03-140/14:00:35	1TB
124	141 02:08:40	31			AC7SPK	(1 12 2 114 083) EL SLEW R=LOW	AACS		36955:49:003F	03-140/14:00:36	1ECa
125	141 02:08:40	31			AC7SPK	(2 12 2 042 128) AZ SLEW R=LOW	AACS		36955:49:005F	03-140/14:00:36	1ECa
126	141 02:15:34	31				B- SLEND			36955:57:501F	03-140/14:07:29	1TB
127	141 02:15:34	31			SLEWEND	AZ=44.001 EL=110.062 CO=114.691			36955:57:501F	03-140/14:07:29	1T
128	141 02:35:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-9430					2DP
129	141 03:11:04	31	10RISE			10.2 DEGREE RISE DSC-10					1V
130	141 05:04:29	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
131	141 05:04:29	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
132	141 05:08:41	31				B- DRCRUS			36959:34:001F	03-140/17:00:35	1TB
133	141 05:08:41	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		36959:34:010F	03-140/17:00:36	1ECf
134	141 05:09:29	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	36959:35:001F	03-140/17:01:23	1ESf

INTEGRATED SEQUENCE FOR JST A047F JSX B120F WEEK 21 DOY 03-139/00:00 - 03-146/00:00

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
135	141 05:09:29	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		36959:35:002F	03-140/17:01:23	1ECs
136	141 05:25:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9415 (D/L ONLY)					1DP
137	141 05:25:00	31				CFG CODES					1DP
138	141 05:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9414					1DP
139	141 06:45:47	31	60 SET			15.5 DEGREE SET DSC-60					1V
140	141 09:47:37	32	40RISE			10.2 DEGREE RISE DSC-40					2V
141	141 10:40:21	31	40RISE			10.2 DEGREE RISE DSC-40					1V
142	141 12:00:00	31				VGR-31 OWLT IS 12H 08M 06S					1L
143	141 12:00:00	32				VGR-32 OWLT IS 09H 39M 24S					2L
144	141 13:55:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9415					1DP
145	141 14:39:45	31	10 SET			10.2 DEGREE SET DSC-10					1V
146	141 18:30:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-9431 (D/L ONLY)					2DP
147	141 18:30:00	32				CFG CODES					2DP
148	141 19:34:14	31	60RISE			10.2 DEGREE RISE DSC-60					1V
149	141 19:41:24	31	40 SET			10.2 DEGREE SET DSC-40					1V
150	141 22:08:59	32			AC7SSB	(3 +000) SS BIAS CONTROL - PITCH	AACS		30838:59:003F	03-141/12:29:35	2ECa
151	141 23:45:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-9431					2DP
152	142 00:00:00	31				VGR-31 OWLT IS 12H 08M 07S					1L
153	142 00:00:00	32				VGR-32 OWLT IS 09H 39M 23S					2L
154	142 01:56:59	32	40 SET			10.2 DEGREE SET DSC-40					2V
155	142 03:07:05	31	10RISE			10.2 DEGREE RISE DSC-10					1V

INTEGRATED SEQUENCE FOR JST A047F JSX B120F WEEK 21 DOY 03-139/00:00 - 03-146/00:00

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
156	142 03:20:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9416 (D/L ONLY)					1DP
157	142 03:20:00	31				CFG CODES					1DP
158	142 06:41:48	31	60 SET			15.5 DEGREE SET DSC-60					1V
159	142 09:43:35	32	40RISE			10.2 DEGREE RISE DSC-40					2V
160	142 10:30:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-9432 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
161	142 10:36:24	31	40RISE			10.2 DEGREE RISE DSC-40					1V
162	142 12:00:00	31				VGR-31 OWLT IS 12H 08M 09S					1L
163	142 12:00:00	32				VGR-32 OWLT IS 09H 39M 22S					2L
164	142 14:20:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9416					1DP
165	142 14:35:47	31	10 SET			10.2 DEGREE SET DSC-10					1V
166	142 17:55:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-9432					2DP
167	142 19:30:15	31	60RISE			10.2 DEGREE RISE DSC-60					1V
168	142 19:37:25	31	40 SET			10.2 DEGREE SET DSC-40					1V
169	142 23:59:11	31			AC7SSB	(4 +148) SS BIAS CONTROL --- YAW	AACS		37013:07:003F	03-142/11:51:00	1ECa
170	143 00:00:00	31				VGR-31 OWLT IS 12H 08M 11S					1L
171	143 00:00:00	32				VGR-32 OWLT IS 09H 39M 22S					2L
172	143 00:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9416 (D/L ONLY)					1DP
173	143 00:35:00	31				CFG CODES					1DP
174	143 01:53:04	32	40 SET			10.2 DEGREE SET DSC-40					2V
175	143 03:03:07	31	10RISE			10.2 DEGREE RISE DSC-10					1V
176	143 06:05:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9417 (D/L ONLY)					1DP

INTEGRATED SEQUENCE FOR JST A047F JSX B120F WEEK 21 DOY 03-139/00:00 - 03-146/00:00

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
177	143 06:05:00	31				CFG CODES					1DP
178	143 06:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9416					1DP
179	143 06:37:49	31	60 SET			15.5 DEGREE SET DSC-60					1V
180	143 09:39:33	32	40RISE			10.2 DEGREE RISE DSC-40					2V
181	143 10:32:26	31	40RISE			10.2 DEGREE RISE DSC-40					1V
182	143 12:00:00	31				VGR-31 OWLT IS 12H 08M 13S					1L
183	143 12:00:00	32				VGR-32 OWLT IS 09H 39M 21S					2L
184	143 12:00:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-9433 (D/L ONLY)					2DP
185	143 12:00:00	32				CFG CODES					2DP
186	143 12:45:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9417					1DP
187	143 14:31:49	31	10 SET			10.2 DEGREE SET DSC-10					1V
188	143 19:26:16	31	60RISE			10.2 DEGREE RISE DSC-60					1V
189	143 19:33:26	31	40 SET			10.2 DEGREE SET DSC-40					1V
190	143 19:48:02	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		37037:53:002F	03-143/07:39:48	1ECd
191	143 19:48:02	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2942	DTR		37037:53:002F	03-143/07:39:48	1ESd
192	143 20:01:24	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		37038:09:576F	03-143/07:53:10	1ECd
193	143 20:01:24	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2653	DTR		37038:09:576F	03-143/07:53:10	1ESd
194	143 20:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9417 (D/L ONLY)					1DP

INTEGRATED SEQUENCE FOR JST A047F JSX B120F WEEK 21 DOY 03-139/00:00 - 03-146/00:00

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
195	143 20:05:00	31				CFG CODES					1DP
196	143 20:12:09	32			AC7SSB	(4 +152) SS BIAS CONTROL --- YAW	AACS		30896:33:003F	03-143/10:32:47	2ECa
197	143 21:50:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-9433					2DP
198	143 22:45:26	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
199	143 22:45:26	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	143 22:46:14	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
201	143 22:46:14	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	143 22:48:02	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		37041:38:002F	03-143/10:39:48	1ECd
203	143 22:48:02	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2653	DTR		37041:38:002F	03-143/10:39:48	1ESd
204	143 22:48:50	31				AHEL11 PWSREC 18			37041:39:001F	03-143/10:40:35	1T
205	143 22:48:50	31				B- PWSREC.31			37041:39:001F	03-143/10:40:35	1TB
206	143 22:48:50	31				BEGIN PWSREC.31			37041:39:001F	03-143/10:40:35	1T
207	143 22:48:50	31			SC32AJ	(10) PLS CONFIG CMD	FDS		37041:39:009F	03-143/10:40:36	1ECf
208	143 22:49:38	31				B- DRGS4B			37041:40:001F	03-143/10:41:23	1TB
209	143 22:49:38	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		37041:40:009F	03-143/10:41:24	1ECf

INTEGRATED SEQUENCE FOR JST A047F JSX B120F WEEK 21 DOY 03-139/00:00 - 03-146/00:00

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
210	143 22:50:22	31				BEGIN RECORDING PWS DATA			37041:40:734F	03-143/10:42:07	1T
211	143 22:50:22	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		37041:40:735F	03-143/10:42:08	1ECd
212	143 22:50:22	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2653	DTR		37041:40:735F	03-143/10:42:08	1ESd
213	143 22:50:26	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	37041:41:001F	03-143/10:42:11	1ESf
214	143 22:50:26	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		37041:41:002F	03-143/10:42:11	1ECs
215	143 22:50:27	31				B- DRCRUS			37041:41:018F	03-143/10:42:12	1TB
216	143 22:50:27	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		37041:41:026F	03-143/10:42:13	1ECf
217	143 22:51:14	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	37041:42:001F	03-143/10:42:59	1ESf
218	143 22:51:14	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		37041:42:002F	03-143/10:42:59	1ECs
219	143 22:51:14	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		37041:42:002F	03-143/10:43:00	1ECd

INTEGRATED SEQUENCE FOR JST A047F JSX B120F WEEK 21 DOY 03-139/00:00 - 03-146/00:00

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
220	143 22:51:14	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2946	DTR		37041:42:002F	03-143/10:43:00	1ESd
221	143 22:52:02	31			SC32AJ	(11) PLS CONFIG CMD	FDS		37041:43:009F	03-143/10:43:48	1ECf
222	143 22:52:03	31				END PWSREC.31			37041:43:018F	03-143/10:43:48	1T
223	144 00:00:00	31				VGR-31 OWLT IS 12H 08M 14S					1L
224	144 00:00:00	32				VGR-32 OWLT IS 09H 39M 21S					2L
225	144 00:57:39	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		37044:20:002F	03-143/12:49:24	1ECd
226	144 00:57:39	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2952	DTR		37044:20:002F	03-143/12:49:24	1ESd
227	144 00:58:06	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		37044:20:460F	03-143/12:49:51	1ECd
228	144 00:58:06	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2942	DTR		37044:20:460F	03-143/12:49:51	1ESd
229	144 01:49:08	32	40 SET			10.2 DEGREE SET DSC-40					2V
230	144 02:59:08	31	10RISE			10.2 DEGREE RISE DSC-10					1V
231	144 03:50:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9418 (D/L ONLY)					1DP
232	144 03:50:00	31				CFG CODES					1DP
233	144 03:57:39	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		37048:05:002F	03-143/15:49:24	1ECd
234	144 03:57:39	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2942	DTR		37048:05:002F	03-143/15:49:24	1ESd



INTEGRATED SEQUENCE FOR JST A047F JSX B120F WEEK 21 DOY 03-139/00:00 - 03-146/00:00

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
235	144 04:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9417					1DP
236	144 06:33:49	31	60 SET			15.5 DEGREE SET DSC-60					1V
237	144 09:35:31	32	40RISE			10.2 DEGREE RISE DSC-40					2V
238	144 10:28:28	31	40RISE			10.2 DEGREE RISE DSC-40					1V
239	144 12:00:00	31				VGR-31 OWLT IS 12H 08M 16S					1L
240	144 12:00:00	32				VGR-32 OWLT IS 09H 39M 20S					2L
241	144 13:45:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9418					1DP
242	144 14:27:51	31	10 SET			10.2 DEGREE SET DSC-10					1V
243	144 18:50:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-9434 (D/L ONLY)					2DP
244	144 18:50:00	32				CFG CODES					2DP
245	144 19:22:18	31	60RISE			10.2 DEGREE RISE DSC-60					1V
246	144 19:29:28	31	40 SET			10.2 DEGREE SET DSC-40					1V
247	145 00:00:00	31				VGR-31 OWLT IS 12H 08M 18S					1L
248	145 00:00:00	32				VGR-32 OWLT IS 09H 39M 20S					2L
249	145 01:04:06	31			AC7SSB	(3 -005) SS BIAS CONTROL - PITCH	AACS		37074:28:003F	03-144/12:55:48	1ECa
250	145 01:40:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-9434					2DP
251	145 01:45:13	32	40 SET			10.2 DEGREE SET DSC-40					2V
252	145 02:55:09	31	10RISE			10.2 DEGREE RISE DSC-10					1V
253	145 03:40:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9419 (D/L ONLY)					1DP
254	145 03:40:00	31				CFG CODES					1DP
255	145 06:29:50	31	60 SET			15.5 DEGREE SET DSC-60					1V
256	145 09:31:28	32	40RISE			10.2 DEGREE RISE DSC-40					2V

INTEGRATED SEQUENCE FOR JST A047F JSX B120F WEEK 21 DOY 03-139/00:00 - 03-146/00:00

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	145 10:24:30	31	40RISE			10.2 DEGREE RISE DSC-40					1V
258	145 11:15:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-9435 (D/L ONLY)					2DP
259	145 11:15:00	32				CFG CODES					2DP
260	145 12:00:00	31				VGR-31 OWLT IS 12H 08M 20S					1L
261	145 12:00:00	32				VGR-32 OWLT IS 09H 39M 19S					2L
262	145 13:40:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9419					1DP
263	145 14:23:53	31	10 SET			10.2 DEGREE SET DSC-10					1V
264	145 19:18:19	31	60RISE			10.2 DEGREE RISE DSC-60					1V
265	145 19:25:29	31	40 SET			10.2 DEGREE SET DSC-40					1V
266	145 21:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9419 (D/L ONLY)					1DP
267	145 21:45:00	31				CFG CODES					1DP
268	146 00:00:00	31				VGR-31 OWLT IS 12H 08M 22S					1L
269	146 00:00:00	32				VGR-32 OWLT IS 09H 39M 19S					2L