



INTEGRATED FLIGHT SOE

WEEK 24

SEQUENCE ID A067B/B140 DATE OF RELEASE June 4, 2008

EXECUTION PERIOD 06/09/08 to 06/15/08 (08-161 to 08-167)

INTEGRATED SEQUENCE FOR JST A067F JSX B140F WEEK 24 DOY 08-161/00:00 - 08-168/00:00

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	161 00:00:00	31				VGR-31 OWLT IS 14H 38M 58S					1L
2	161 00:00:00	32				VGR-32 OWLT IS 11H 49M 57S					2L
3	161 00:30:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-1281					2DP
4	161 01:16:38	32	40 SET			10.2 DEGREE SET DSC-40					2V
5	161 01:57:41	31	10RISE			10.2 DEGREE RISE DSC-10					1V
6	161 04:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-1265					1DP
7	161 04:50:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-1266 (D/L ONLY)					1DP
8	161 04:50:00	31				CFG CODES					1DP
9	161 05:32:26	31	60 SET			15.5 DEGREE SET DSC-60					1V
10	161 06:35:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-1266 (D/L ONLY)					1DP
11	161 06:35:00	31				CFG CODES					1DP
12	161 06:55:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-1266					1DP
13	161 08:14:40	32	40RISE			10.2 DEGREE RISE DSC-40					2V
14	161 09:15:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-1266 (D/L ONLY)					1DP
15	161 09:15:00	31				CFG CODES					1DP
16	161 09:27:03	31	40RISE			10.2 DEGREE RISE DSC-40					1V
17	161 09:35:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-1266					1DP
18	161 11:05:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1282 (D/L ONLY)					2DP
19	161 11:05:00	32				CFG CODES					2DP
20	161 11:55:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-1266 (D/L ONLY)					1DP
21	161 11:55:00	31				CFG CODES					1DP

INTEGRATED SEQUENCE FOR JST A067F JSX B140F WEEK 24 DOY 08-161/00:00 - 08-168/00:00

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
22	161 12:00:00	31				VGR-31 OWLT IS 14H 39M 01S					1L
23	161 12:00:00	32				VGR-32 OWLT IS 11H 49M 57S					2L
24	161 12:15:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-1266					1DP
25	161 13:26:32	31	10 SET			10.2 DEGREE SET DSC-10					1V
26	161 13:40:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-1282 (D/L ONLY)					2DP
27	161 13:40:00	32				CFG CODES					2DP
28	161 14:00:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1282					2DP
29	161 14:45:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-1266					1DP
30	161 16:04:00	32			AC7SSB	(3 -005) SS BIAS CONTROL - PITCH	AACS		20672:48:003F	08-161/04:20:47	2ECa
31	161 18:20:51	31	60RISE			10.2 DEGREE RISE DSC-60					1V
32	161 18:28:08	31	40 SET			10.2 DEGREE SET DSC-40					1V
33	161 21:45:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-1282					2DP
34	161 23:20:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-1266 (U/L PASS)					1DP
35	162 00:00:00	31				VGR-31 OWLT IS 14H 39M 04S					1L
36	162 00:00:00	32				VGR-32 OWLT IS 11H 49M 58S					2L
37	162 01:12:42	32	40 SET			10.2 DEGREE SET DSC-40					2V
38	162 01:53:43	31	10RISE			10.2 DEGREE RISE DSC-10					1V
39	162 05:05:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-1266					1DP
40	162 05:05:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-1267 (D/L ONLY)					1DP
41	162 05:05:00	31				CFG CODES					1DP
42	162 05:28:28	31	60 SET			15.5 DEGREE SET DSC-60					1V
43	162 07:25:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-1267 (D/L ONLY)					1DP

SOE YEAR-DAY: 2008-162

PRINTED ON DAY: 156 PAGE 3

INTEGRATED SEQUENCE FOR JST A067F JSX B140F WEEK 24 DOY 08-161/00:00 - 08-168/00:00

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
44	162 07:25:00	31				CFG CODES					1DP
45	162 07:45:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-1267					1DP
46	162 08:10:37	32	40RISE			10.2 DEGREE RISE DSC-40					2V
47	162 09:23:05	31	40RISE			10.2 DEGREE RISE DSC-40					1V
48	162 12:00:00	31				VGR-31 OWLT IS 14H 39M 06S					1L
49	162 12:00:00	32				VGR-32 OWLT IS 11H 49M 58S					2L
50	162 12:10:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-1267					1DP
51	162 13:22:34	31	10 SET			10.2 DEGREE SET DSC-10					1V
52	162 14:04:19	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
53	162 14:04:19	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
54	162 14:04:49	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		20700:19:002F	08-162/02:21:35	2ECa
55	162 14:05:07	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
56	162 14:05:07	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
57	162 14:07:43	31				BEGIN PWSREC.31			26841:39:001F	08-161/23:28:35	1T
58	162 14:08:31	31				B- DRGS4B			26841:40:001F	08-161/23:29:23	1TB
59	162 14:08:31	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		26841:40:009F	08-161/23:29:24	1ECF
60	162 14:09:15	31				BEGIN RECORDING PWS DATA			26841:40:734F	08-161/23:30:07	1T

INTEGRATED SEQUENCE FOR JST A067F JSX B140F WEEK 24 DOY 08-161/00:00 - 08-168/00:00

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	162 14:09:15	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		26841:40:735F	08-161/23:30:07	1ECd
62	162 14:09:15	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:3241	DTR		26841:40:735F	08-161/23:30:07	1ESd
63	162 14:09:19	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	26841:41:001F	08-161/23:30:11	1ESf
64	162 14:09:19	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		26841:41:002F	08-161/23:30:11	1ECs
65	162 14:09:20	31				B- DRCRUS			26841:41:018F	08-161/23:30:12	1TB
66	162 14:09:20	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		26841:41:026F	08-161/23:30:13	1ECf
67	162 14:10:07	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	26841:42:001F	08-161/23:30:59	1ESf
68	162 14:10:07	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		26841:42:002F	08-161/23:30:59	1ECs
69	162 14:10:07	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		26841:42:002F	08-161/23:31:00	1ECd

INTEGRATED SEQUENCE FOR JST A067F JSX B140F WEEK 24 DOY 08-161/00:00 - 08-168/00:00

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	162 14:10:07	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2949	DTR		26841:42:002F	08-161/23:31:00	1ESd
71	162 14:10:56	31				END PWSREC.31			26841:43:018F	08-161/23:31:48	1T
72	162 15:40:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-1283 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
73	162 18:16:53	31	60RISE			10.2 DEGREE RISE DSC-60					1V
74	162 18:24:10	31	40 SET			10.2 DEGREE SET DSC-40					1V
75	162 21:45:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-1283					2DP
76	162 23:05:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-1267 (D/L ONLY)					1DP
77	162 23:05:00	31				CFG CODES					1DP
78	163 00:00:00	31				VGR-31 OWLT IS 14H 39M 09S					1L
79	163 00:00:00	32				VGR-32 OWLT IS 11H 49M 58S					2L
80	163 01:08:46	32	40 SET			10.2 DEGREE SET DSC-40					2V
81	163 01:49:45	31	10RISE			10.2 DEGREE RISE DSC-10					1V
82	163 05:24:30	31	60 SET			15.5 DEGREE SET DSC-60					1V
83	163 05:25:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-1268 (D/L ONLY)					1DP
84	163 05:25:00	31				CFG CODES					1DP
85	163 05:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-1267					1DP
86	163 06:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-1268 (D/L ONLY)					1DP
87	163 06:00:00	31				CFG CODES					1DP
88	163 06:20:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-1268					1DP

INTEGRATED SEQUENCE FOR JST A067F JSX B140F WEEK 24 DOY 08-161/00:00 - 08-168/00:00

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	163 08:06:35	32	40RISE			10.2 DEGREE RISE DSC-40					2V
90	163 09:19:07	31	40RISE			10.2 DEGREE RISE DSC-40					1V
91	163 11:10:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-1284 (D/L ONLY)					2DP
92	163 11:10:00	32				CFG CODES					2DP
93	163 12:00:00	31				VGR-31 OWLT IS 14H 39M 12S					1L
94	163 12:00:00	32				VGR-32 OWLT IS 11H 49M 59S					2L
95	163 12:10:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-1268					1DP
96	163 13:10:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-1284 (D/L ONLY)					2DP
97	163 13:10:00	32				CFG CODES					2DP
98	163 13:18:36	31	10 SET			10.2 DEGREE SET DSC-10					1V
99	163 13:30:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-1284					2DP
100	163 18:12:55	31	60RISE			10.2 DEGREE RISE DSC-60					1V
101	163 18:20:12	31	40 SET			10.2 DEGREE SET DSC-40					1V
102	163 21:45:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-1284					2DP
103	163 23:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-1268 (D/L ONLY)					1DP
104	163 23:00:00	31				CFG CODES					1DP
105	163 23:33:27	31			AC7SSB	(4 +145) SS BIAS CONTROL --- YAW	AACS		26883:26:002F	08-163/08:54:12	1ECa
106	164 00:00:00	31				VGR-31 OWLT IS 14H 39M 15S					1L
107	164 00:00:00	32				VGR-32 OWLT IS 11H 49M 59S					2L
108	164 01:04:50	32	40 SET			10.2 DEGREE SET DSC-40					2V
109	164 01:25:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-1268 (D/L ONLY)					1DP

INTEGRATED SEQUENCE FOR JST A067F JSX B140F WEEK 24 DOY 08-161/00:00 - 08-168/00:00

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
110	164 01:25:00	31				CFG CODES					1DP
111	164 01:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-1268					1DP
112	164 01:45:47	31	10RISE			10.2 DEGREE RISE DSC-10					1V
113	164 04:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-1268					1DP
114	164 04:10:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-1269 (D/L ONLY)					1DP
115	164 04:10:00	31				CFG CODES					1DP
116	164 05:20:32	31	60 SET			15.5 DEGREE SET DSC-60					1V
117	164 06:30:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-1269 (D/L ONLY)					1DP
118	164 06:30:00	31				CFG CODES					1DP
119	164 06:50:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-1269					1DP
120	164 08:02:33	32	40RISE			10.2 DEGREE RISE DSC-40					2V
121	164 09:15:09	31	40RISE			10.2 DEGREE RISE DSC-40					1V
122	164 11:05:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-1285 (D/L ONLY)					2DP
123	164 11:05:00	32				CFG CODES					2DP
124	164 12:00:00	31				VGR-31 OWLT IS 14H 39M 18S					1L
125	164 12:00:00	32				VGR-32 OWLT IS 11H 50M 00S					2L
126	164 12:05:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-1269					1DP
127	164 13:14:38	31	10 SET			10.2 DEGREE SET DSC-10					1V
128	164 13:34:47	32		ACE ALL		>>>>>>>> 1 HR WARNING <<<<<<<<< FOR S/C-32 COMMAND MORATORIUM					2T
129	164 14:34:47	32		ACE ALL		BEGIN S/C-32 COMMAND MORATORIUM					2T

INTEGRATED SEQUENCE FOR JST A067F JSX B140F WEEK 24 DOY 08-161/00:00 - 08-168/00:00

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
130	164 16:05:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-1285					2DP
131	164 18:08:57	31	60RISE			10.2 DEGREE RISE DSC-60					1V
132	164 18:16:14	31	40 SET			10.2 DEGREE SET DSC-40					1V
133	164 21:15:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-1285 (D/L ONLY)					2DP
134	164 21:15:00	32				CFG CODES					2DP
135	164 22:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-1269 (D/L ONLY)					1DP
136	164 22:10:00	31				CFG CODES					1DP
137	165 00:00:00	31				VGR-31 OWLT IS 14H 39M 21S					1L
138	165 00:00:00	32				VGR-32 OWLT IS 11H 50M 00S					2L
139	165 00:20:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-1285					2DP
140	165 01:00:53	32	40 SET			10.2 DEGREE SET DSC-40					2V
141	165 01:41:49	31	10RISE			10.2 DEGREE RISE DSC-10					1V
142	165 04:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-1269					1DP
143	165 04:05:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-1270 (D/L ONLY)					1DP
144	165 04:05:00	31				CFG CODES					1DP
145	165 05:16:34	31	60 SET			15.5 DEGREE SET DSC-60					1V
146	165 06:03:10	31			AC7SSB	(3 +000) SS BIAS CONTROL - PITCH	AACS		26921:33:003F	08-164/15:23:48	1ECa
147	165 07:58:30	32	40RISE			10.2 DEGREE RISE DSC-40					2V
148	165 09:11:11	31	40RISE			10.2 DEGREE RISE DSC-40					1V
149	165 10:45:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-1270					1DP
150	165 11:20:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-1286 (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
151	165 11:20:00	32				CFG CODES					2DP
152	165 11:25:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-1270 (D/L ONLY)					1DP
153	165 11:25:00	31				CFG CODES					1DP
154	165 12:00:00	31				VGR-31 OWLT IS 14H 39M 24S					1L
155	165 12:00:00	32				VGR-32 OWLT IS 11H 50M 01S					2L
156	165 13:10:40	31	10 SET			10.2 DEGREE SET DSC-10					1V
157	165 13:43:52	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					22EC
158	165 13:44:52	32				B- XHIPWR.32			20789:54:001F	08-165/02:01:35	2TB
159	165 13:44:52	32				BEGIN XHIPWR32			20789:54:001F	08-165/02:01:35	2T
160	165 13:44:52	32			CC1TR	BAY 1 HTR OFF	PWR		20789:54:002F	08-165/02:01:35	2ECp
161	165 13:48:52	32				X BAND HIGH POWER			20789:59:001F	08-165/02:05:35	2T
162	165 13:48:52	32			DC2H	X-BAND TWT HIGH POWER	RFS		20789:59:001F	08-165/02:05:35	2ECr
163	165 14:01:28	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
164	165 14:01:28	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
165	165 14:04:52	32				B- MAGROLAB.32			20790:19:001F	08-165/02:21:35	2TB
166	165 14:04:52	32				BEGIN MAGROLAB32			20790:19:001F	08-165/02:21:35	2T
167	165 14:04:52	32				B- YAW10			20790:19:001F	08-165/02:21:35	2TB
168	165 14:04:52	32				YAW10			20790:19:001F	08-165/02:21:35	2T
169	165 14:04:52	32			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		20790:19:004F	08-165/02:21:35	2ECa
170	165 14:05:41	32				B- DRRC5T			20790:20:018F	08-165/02:22:24	2TB

INTEGRATED SEQUENCE FOR JST A067F JSX B140F WEEK 24 DOY 08-161/00:00 - 08-168/00:00

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
171	165 14:05:41	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		20790:20:025F	08-165/02:22:25	2ECf
172	165 14:06:28	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	20790:21:001F	08-165/02:23:11	2ESf
173	165 14:06:28	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		20790:21:002F	08-165/02:23:11	2ECs
174	165 14:12:53	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR COMMANDED TURN D/L AGC VARIATIONS EXPECTED					22EC
175	165 14:14:53	32			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		20790:31:419F	08-165/02:31:36	2ECa
176	165 14:14:53	32				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		20790:31:419F	08-165/02:31:36	2ESa
177	165 14:14:53	32			CC7GARP	GYRO A OFF	PWR		20790:31:419F	08-165/02:31:36	2ECp
178	165 14:14:53	32			CC7GARP	GYRO A OFF	PWR		20790:31:421F	08-165/02:31:36	2ECp
179	165 14:14:53	32			CC7PC	(352) GYRO A OFF	AACS		20790:31:423F	08-165/02:31:37	2ECa
180	165 14:14:53	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		20790:31:424F	08-165/02:31:37	2ECp
181	165 14:14:53	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		20790:31:426F	08-165/02:31:37	2ECp
182	165 14:14:53	32			CC7PC	(312) DUMMY PWR CMD	AACS		20790:31:428F	08-165/02:31:37	2ECa
183	165 14:17:53	32			AC7TCD	(322 033167) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		20790:35:219F	08-165/02:34:36	2ECa
184	165 16:15:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-1270					1DP

INTEGRATED SEQUENCE FOR JST A067F JSX B140F WEEK 24 DOY 08-161/00:00 - 08-168/00:00

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
185	165 17:07:13	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		26935:23:002F	08-165/02:27:48	1ECd
186	165 17:07:13	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2942	DTR		26935:23:002F	08-165/02:27:48	1ESd
187	165 17:21:29	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		26935:40:675F	08-165/02:42:04	1ECd
188	165 17:21:29	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3251	DTR		26935:40:675F	08-165/02:42:04	1ESd
189	165 18:04:59	31	60RISE			10.2 DEGREE RISE DSC-60					1V
190	165 18:12:16	31	40 SET			10.2 DEGREE SET DSC-40					1V
191	165 18:42:51	32			SC32AJ	(10) PLS CONFIG CMD	FDS		20796:06:392F	08-165/06:59:35	2ECf
192	165 19:15:58	32			SC32AJ	(11) PLS CONFIG CMD	FDS		20796:47:708F	08-165/07:32:42	2ECf
193	165 19:49:07	32				ROLL TURN COMPLETE (NOMINAL)			20797:29:251F	08-165/08:05:50	2T
194	165 19:51:33	32			CC7PC	(345) CMDED TURN COMPLETE	AACS		20797:32:290F	08-165/08:08:17	2ECa
195	165 19:56:53	32			SC32AJ	(15) PLS CONFIG CMD	FDS		20797:39:025F	08-165/08:13:37	2ECf
196	165 20:04:38	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
197	165 20:04:38	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
198	165 20:05:26	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
199	165 20:05:26	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

INTEGRATED SEQUENCE FOR JST A067F JSX B140F WEEK 24 DOY 08-161/00:00 - 08-168/00:00

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
200	165 20:05:53	32				RESET CALIB			20797:50:218F	08-165/08:22:36	2T
201	165 20:05:53	32			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		20797:50:220F	08-165/08:22:36	2ECa
202	165 20:06:23	32			CC7SS	(1) SS SEARCH ENABLE	AACS		20797:50:718F	08-165/08:23:06	2ECa
203	165 20:06:23	32				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS	20797:50:718F	08-165/08:23:06	2ESa	
204	165 20:06:23	32			CC7PC	(327) IDET ACQUIRED	AACS		20797:50:719F	08-165/08:23:06	2ECa
205	165 20:06:23	32			CC7GARP	GYRO A OFF	PWR		20797:50:719F	08-165/08:23:06	2ECp
206	165 20:06:23	32			CC7GARP	GYRO A OFF	PWR		20797:50:721F	08-165/08:23:07	2ECp
207	165 20:06:23	32			CC7PC	(352) GYRO A OFF	AACS		20797:50:724F	08-165/08:23:07	2ECa
208	165 20:06:23	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		20797:50:724F	08-165/08:23:07	2ECp
209	165 20:06:23	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		20797:50:726F	08-165/08:23:07	2ECp
210	165 20:06:23	32			CC7PC	(312) DUMMY PWR CMD	AACS		20797:50:728F	08-165/08:23:07	2ECa
211	165 20:07:14	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		26939:08:002F	08-165/05:27:47	1ECd
212	165 20:07:14	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:3251	DTR	26939:08:002F	08-165/05:27:47	1ESd	
213	165 20:08:02	31				AHELII1 PWSREC 22			26939:09:001F	08-165/05:28:35	1T
214	165 20:08:02	31				B- PWSREC.31			26939:09:001F	08-165/05:28:35	1TB
215	165 20:08:02	31				BEGIN PWSREC.31			26939:09:001F	08-165/05:28:35	1T
216	165 20:08:50	31				B- DRGS4B			26939:10:001F	08-165/05:29:23	1TB

INTEGRATED SEQUENCE FOR JST A067F JSX B140F WEEK 24 DOY 08-161/00:00 - 08-168/00:00

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
217	165 20:08:50	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		26939:10:009F	08-165/05:29:24	1ECf
218	165 20:09:34	31				BEGIN RECORDING PWS DATA			26939:10:734F	08-165/05:30:07	1T
219	165 20:09:34	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		26939:10:735F	08-165/05:30:07	1ECd
220	165 20:09:34	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:3251	DTR		26939:10:735F	08-165/05:30:07	1ESd
221	165 20:09:38	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	26939:11:001F	08-165/05:30:11	1ESf
222	165 20:09:38	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		26939:11:002F	08-165/05:30:11	1ECs
223	165 20:09:39	31				B- DRCRUS			26939:11:018F	08-165/05:30:12	1TB
224	165 20:09:39	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		26939:11:026F	08-165/05:30:13	1ECf
225	165 20:10:26	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	26939:12:001F	08-165/05:30:59	1ESf

INTEGRATED SEQUENCE FOR JST A067F JSX B140F WEEK 24 DOY 08-161/00:00 - 08-168/00:00

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
226	165 20:10:26	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		26939:12:002F	08-165/05:30:59	1ECs
227	165 20:10:26	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		26939:12:002F	08-165/05:31:00	1ECd
228	165 20:10:26	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2958	DTR		26939:12:002F	08-165/05:31:00	1ESd
229	165 20:11:15	31				END PWSREC.31			26939:13:018F	08-165/05:31:48	1T
230	165 20:12:23	32			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		20797:58:318F	08-165/08:29:06	2ECa
231	165 20:13:28	32				GYROS OFF			20797:59:601F	08-165/08:30:11	2T
232	165 20:13:28	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		20797:59:601F	08-165/08:30:11	2ESa
233	165 20:13:28	32			CC7PC	(307) STAR ACQUIRED	AACS		20797:59:602F	08-165/08:30:11	2ECa
234	165 20:13:28	32			CC7GCRP	GYRO C OFF	PWR		20797:59:602F	08-165/08:30:11	2ECp
235	165 20:13:28	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF	AACS		20797:59:602F	08-165/08:30:11	2ESa
236	165 20:13:28	32			CC7GCRP	GYRO C OFF	PWR		20797:59:605F	08-165/08:30:11	2ECp
237	165 20:13:28	32			CC7PC	(372) GYRO C OFF	AACS		20797:59:607F	08-165/08:30:12	2ECa
238	165 20:13:28	32			CC7GBRP	GYRO B OFF	PWR		20797:59:607F	08-165/08:30:12	2ECp

INTEGRATED SEQUENCE FOR JST A067F JSX B140F WEEK 24 DOY 08-161/00:00 - 08-168/00:00

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
239	165 20:13:28	32					AACS		20797:59:607F	08-165/08:30:12	2ESa
						AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: OFF					
240	165 20:13:28	32			CC7GBRP	GYRO B OFF	PWR		20797:59:609F	08-165/08:30:12	2ECp
241	165 20:13:28	32			CC7PC	(362) GYRO B OFF	AACS		20797:59:611F	08-165/08:30:12	2ECa
242	165 20:13:28	32			CC7GARP	GYRO A OFF	PWR		20797:59:612F	08-165/08:30:12	2ECp
243	165 20:13:29	32			CC7GARP	GYRO A OFF	PWR		20797:59:614F	08-165/08:30:12	2ECp
244	165 20:13:29	32			CC7PC	(352) GYRO A OFF	AACS		20797:59:616F	08-165/08:30:12	2ECa
245	165 20:13:29	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		20797:59:617F	08-165/08:30:12	2ECp
246	165 20:13:29	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		20797:59:619F	08-165/08:30:12	2ECp
247	165 20:13:29	32			CC7PC	(312) DUMMY PWR CMD	AACS		20797:59:621F	08-165/08:30:12	2ECa
248	165 20:20:40	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
249	165 20:20:40	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
250	165 20:21:53	32				B- YAWDB			20798:10:218F	08-165/08:38:36	2TB
251	165 20:21:53	32				YAWDB - .10			20798:10:218F	08-165/08:38:36	2T
252	165 20:21:53	32			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		20798:10:220F	08-165/08:38:36	2ECa
253	165 20:24:53	32				B- DRCSR			20798:14:018F	08-165/08:41:36	2TB
254	165 20:24:53	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		20798:14:026F	08-165/08:41:37	2ECf

INTEGRATED SEQUENCE FOR JST A067F JSX B140F WEEK 24 DOY 08-161/00:00 - 08-168/00:00

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
255	165 20:25:40	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	20798:15:001F	08-165/08:42:23	2ESf
256	165 20:25:40	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		20798:15:002F	08-165/08:42:23	2ECs
257	165 20:25:41	32				END MAGROLAB32			20798:15:018F	08-165/08:42:24	2T
258	165 22:16:50	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		26941:50:002F	08-165/07:37:24	1ECd
259	165 22:16:50	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2952	DTR		26941:50:002F	08-165/07:37:24	1ESd
260	165 22:17:15	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		26941:50:421F	08-165/07:37:49	1ECd
261	165 22:17:15	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2942	DTR		26941:50:421F	08-165/07:37:49	1ESd
262	165 23:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-1270 (D/L ONLY)					1DP
263	165 23:00:00	31				CFG CODES					1DP
264	166 00:00:00	31				VGR-31 OWLT IS 14H 39M 27S					1L
265	166 00:00:00	32				VGR-32 OWLT IS 11H 50M 01S					2L
266	166 00:56:57	32	40 SET			10.2 DEGREE SET DSC-40					2V
267	166 01:16:51	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		26945:35:002F	08-165/10:37:23	1ECd

INTEGRATED SEQUENCE FOR JST A067F JSX B140F WEEK 24 DOY 08-161/00:00 - 08-168/00:00

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
268	166 01:16:51	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2942	DTR		26945:35:002F	08-165/10:37:23	1ESd
269	166 01:37:51	31	10RISE			10.2 DEGREE RISE DSC-10					1V
270	166 01:45:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-1286					2DP
271	166 04:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-1270					1DP
272	166 04:00:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-1271 (D/L ONLY)					1DP
273	166 04:00:00	31				CFG CODES					1DP
274	166 05:12:36	31	60 SET			15.5 DEGREE SET DSC-60					1V
275	166 05:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-1271 (D/L ONLY)					1DP
276	166 05:45:00	31				CFG CODES					1DP
277	166 06:05:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-1271					1DP
278	166 07:54:28	32	40RISE			10.2 DEGREE RISE DSC-40					2V
279	166 09:07:13	31	40RISE			10.2 DEGREE RISE DSC-40					1V
280	166 11:05:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-1287 (D/L ONLY)					2DP
281	166 11:05:00	32				CFG CODES					2DP
282	166 11:55:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-1271					1DP
283	166 12:00:00	31				VGR-31 OWLT IS 14H 39M 30S					1L
284	166 12:00:00	32				VGR-32 OWLT IS 11H 50M 02S					2L
285	166 13:06:42	31	10 SET			10.2 DEGREE SET DSC-10					1V
286	166 14:52:53	32			AC7SSB	(3 -006) SS BIAS CONTROL - PITCH	AACS		20821:19:003F	08-166/03:09:35	2ECa
287	166 18:01:01	31	60RISE			10.2 DEGREE RISE DSC-60					1V

INTEGRATED SEQUENCE FOR JST A067F JSX B140F WEEK 24 DOY 08-161/00:00 - 08-168/00:00

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
288	166 18:08:18	31	40 SET			10.2 DEGREE SET DSC-40					1V
289	166 20:33:20	32		ACE ALL		END S/C-32 COMMAND MORATORIUM					2T
290	166 23:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-1271 (D/L ONLY)					1DP
291	166 23:00:00	31				CFG CODES					1DP
292	167 00:00:00	31				VGR-31 OWLT IS 14H 39M 33S					1L
293	167 00:00:00	32				VGR-32 OWLT IS 11H 50M 03S					2L
294	167 00:25:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-1287					2DP
295	167 00:53:00	32	40 SET			10.2 DEGREE SET DSC-40					2V
296	167 01:33:53	31	10RISE			10.2 DEGREE RISE DSC-10					1V
297	167 03:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-1271					1DP
298	167 05:08:37	31	60 SET			15.6 DEGREE SET DSC-60					1V
299	167 05:45:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-1272 (D/L ONLY)					1DP
300	167 05:45:00	31				CFG CODES					1DP
301	167 07:50:26	32	40RISE			10.2 DEGREE RISE DSC-40					2V
302	167 07:57:42	32			AC7SSB	(4 +158) SS BIAS CONTROL --- YAW	AACS		20842:40:003F	08-166/20:14:23	2ECa
303	167 09:03:15	31	40RISE			10.2 DEGREE RISE DSC-40					1V
304	167 12:00:00	31				VGR-31 OWLT IS 14H 39M 36S					1L
305	167 12:00:00	32				VGR-32 OWLT IS 11H 50M 03S					2L
306	167 13:02:44	31	10 SET			10.2 DEGREE SET DSC-10					1V
307	167 13:20:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-1272					1DP
308	167 14:45:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-1288 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP

INTEGRATED SEQUENCE FOR JST A067F JSX B140F WEEK 24 DOY 08-161/00:00 - 08-168/00:00

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
309	167 17:45:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-1288					2DP
310	167 17:57:03	31	60RISE			10.2 DEGREE RISE DSC-60					1V
311	167 18:04:20	31	40 SET			10.2 DEGREE SET DSC-40					1V
312	167 20:45:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-1288 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
313	167 22:55:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-1272 (D/L ONLY)					1DP
314	167 22:55:00	31				CFG CODES					1DP
315	168 00:00:00	31				VGR-31 OWLT IS 14H 39M 39S					1L
316	168 00:00:00	32				VGR-32 OWLT IS 11H 50M 04S					2L