



INTEGRATED FLIGHT SOE

WEEK 19

SEQUENCE ID A047/B119 DATE OF RELEASE April 30, 2003

EXECUTION PERIOD 05/05/03 to 05/11/03 (03-125 to 03-131)

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

SOE YEAR-DAY: 2003-125

PRINTED ON DAY: 120 PAGE 1

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 19 DOY 03-125/00:00 - 03-132/00:00

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	125 00:00:00	31				VGR-31 OWLT IS 12H 07M 26S					1L
2	125 00:00:00	32				VGR-32 OWLT IS 09H 39M 57S					2L
3	125 00:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9398					1DP
4	125 02:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9398 (D/L ONLY)					1DP
5	125 02:35:00	31				CFG CODES					1DP
6	125 03:03:24	32	40 SET			10.2 DEGREE SET DSC-40					2V
7	125 04:14:44	31	10RISE			10.2 DEGREE RISE DSC-10					1V
8	125 07:15:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9399 (D/L ONLY)					1DP
9	125 07:15:00	31				CFG CODES					1DP
10	125 07:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9398					1DP
11	125 07:49:34	31	60 SET			15.4 DEGREE SET DSC-60					1V
12	125 09:24:56	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
13	125 09:29:56	32				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2944	DTR		30343:09:405F	03-124/23:50:00	2ESd
14	125 09:29:56	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	30343:09:405F	03-124/23:50:00	2ESf
15	125 10:20:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-9415 (D/L ONLY)					2DP
16	125 10:20:00	32				CFG CODES					2DP
17	125 10:51:58	32	40RISE			10.2 DEGREE RISE DSC-40					2V

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 19 DOY 03-125/00:00 - 03-132/00:00

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
18	125 11:43:40	31	40RISE			10.2 DEGREE RISE DSC-40					1V
19	125 12:00:00	31				VGR-31 OWLT IS 12H 07M 27S					1L
20	125 12:00:00	32				VGR-32 OWLT IS 09H 39M 55S					2L
21	125 12:30:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-9415 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
22	125 12:35:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-9415					2DP
23	125 13:05:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9399					1DP
24	125 15:43:06	31	10 SET			10.2 DEGREE SET DSC-10					1V
25	125 20:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9399 (D/L ONLY)					1DP
26	125 20:35:00	31				CFG CODES					1DP
27	125 20:37:56	31	60RISE			10.2 DEGREE RISE DSC-60					1V
28	125 20:45:06	31	40 SET			10.2 DEGREE SET DSC-40					1V
29	125 21:45:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-9415					2DP
30	125 23:00:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9399 (D/L ONLY)					1DP
31	125 23:00:00	31				CFG CODES					1DP
32	126 00:00:00	31				VGR-31 OWLT IS 12H 07M 28S					1L
33	126 00:00:00	32				VGR-32 OWLT IS 09H 39M 54S					2L
34	126 01:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9399					1DP
35	126 02:59:31	32	40 SET			10.2 DEGREE SET DSC-40					2V
36	126 03:00:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9399					1DP
37	126 04:10:45	31	10RISE			10.2 DEGREE RISE DSC-10					1V
38	126 04:25:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9400 (D/L ONLY)					1DP

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 19 DOY 03-125/00:00 - 03-132/00:00

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
39	126 04:25:00	31				CFG CODES					1DP
40	126 07:45:35	31	60	SET		15.4 DEGREE SET DSC-60					1V
41	126 08:17:05	31	15	TRK DSS		ASCAL PREP ===== ANTENNA DRIVE TO PRECISION ONE (70 METER STATION ONLY) PRIME DATA SOURCE=X BAND AGC ===== TURN CONSCAN -----> OFF (IF ON)					1TD
42	126 08:27:53	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
43	126 08:27:53	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
44	126 08:32:05	31				B- ASCAL			36513:49:001F	03-125/20:24:35	1TB
45	126 08:32:05	31				B- DREL40			36513:49:001F	03-125/20:24:35	1TB
46	126 08:32:05	31			SC06BB	(32 0 07 0) FDS MODE TO: EL-40 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		36513:49:009F	03-125/20:24:36	1ECF
47	126 08:32:05	31	15	OPCH 15		START ASCAL ===== DSS-15: MONITOR X-BD AGC VARIATIONS DURING ASCAL IF X-BD RCVR DROPS LOCK INITIATE AUTO ACQUIRE					1TD

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 19 DOY 03-125/00:00 - 03-132/00:00

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
48	126 08:32:53	31		ACE OPCH		FDS STATUS EL-40/X40/S40 MEM:PA/FDS11	FDS	CE-40	36513:50:001F	03-125/20:25:23	1ESf
49	126 08:32:53	31			CC3A	(30310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		36513:50:002F	03-125/20:25:24	1ECs
50	126 08:48:05	31				.05 ALL AXES DEADBAND			36514:09:001F	03-125/20:40:35	1T
51	126 08:48:05	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		36514:09:003F	03-125/20:40:36	1ECa
52	126 09:04:05	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		36514:29:002F	03-125/20:56:36	1ECa
53	126 09:04:05	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		36514:29:002F	03-125/20:56:36	1ESa
54	126 09:04:05	31			CC7GARP	GYRO A OFF	PWR		36514:29:003F	03-125/20:56:36	1ECp
55	126 09:04:05	31			CC7GARP	GYRO A OFF	PWR		36514:29:005F	03-125/20:56:36	1ECp
56	126 09:04:05	31			CC7PC	(352) GYRO A OFF	AACS		36514:29:007F	03-125/20:56:36	1ECa
57	126 09:04:05	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		36514:29:008F	03-125/20:56:36	1ECp
58	126 09:04:05	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		36514:29:010F	03-125/20:56:36	1ECp
59	126 09:04:06	31			CC7PC	(312) DUMMY PWR CMD	AACS		36514:29:012F	03-125/20:56:36	1ECa
60	126 09:04:52	31	15	OPCH 15		ASCAL =====					1TD
61	126 09:04:53	31				START FIRST YAW DRIFT TURN			36514:30:001F	03-125/20:57:23	1T
62	126 09:04:53	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		36514:30:003F	03-125/20:57:24	1ECa

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 19 DOY 03-125/00:00 - 03-132/00:00

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63	126 09:08:53	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		36514:35:003F	03-125/21:01:24	1ECa
64	126 09:16:53	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		36514:45:003F	03-125/21:09:24	1ECa
65	126 09:20:53	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		36514:50:003F	03-125/21:13:24	1ECa
66	126 09:20:53	31	15	OPCH 15		ASCAL =====					1TD
						END YAW DRIFT TURNS					
67	126 09:20:54	31				END THIRD YAW DRIFT TURN			36514:50:018F	03-125/21:13:24	1T
68	126 09:21:40	31	15	OPCH 15		ASCAL =====					1TD
						START PITCH DRIFT TURNS					
69	126 09:21:41	31				START FIRST PITCH DRIFT TURN			36514:51:001F	03-125/21:14:11	1T
70	126 09:21:41	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		36514:51:003F	03-125/21:14:12	1ECa
71	126 09:25:41	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		36514:56:003F	03-125/21:18:12	1ECa
72	126 09:33:41	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		36515:06:003F	03-125/21:26:12	1ECa
73	126 09:37:41	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		36515:11:003F	03-125/21:30:12	1ECa
74	126 09:37:41	31	15	OPCH 15		ASCAL =====					1TD
						END PITCH DRIFT TURNS					
75	126 09:37:42	31				END THIRD PITCH DRIFT TURN			36515:11:018F	03-125/21:30:12	1T
76	126 09:39:17	31			CC7SS	(1) SS SEARCH ENABLE	AACS		36515:13:001F	03-125/21:31:47	1ECa
77	126 09:39:17	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	36515:13:001F	03-125/21:31:47	1ESa	

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 19 DOY 03-125/00:00 - 03-132/00:00

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
78	126 09:39:17	31			CC7PC	(327) IDET ACQUIRED	AACS		36515:13:002F	03-125/21:31:48	1ECa
79	126 09:39:17	31			CC7GARP	GYRO A OFF	PWR		36515:13:003F	03-125/21:31:48	1ECp
80	126 09:39:17	31			CC7GARP	GYRO A OFF	PWR		36515:13:005F	03-125/21:31:48	1ECp
81	126 09:39:17	31			CC7PC	(352) GYRO A OFF	AACS		36515:13:007F	03-125/21:31:48	1ECa
82	126 09:39:17	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		36515:13:008F	03-125/21:31:48	1ECp
83	126 09:39:17	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		36515:13:010F	03-125/21:31:48	1ECp
84	126 09:39:18	31			CC7PC	(312) DUMMY PWR CMD	AACS		36515:13:012F	03-125/21:31:48	1ECa
85	126 09:39:53	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
86	126 09:39:53	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
87	126 09:40:53	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		36515:15:001F	03-125/21:33:23	1ECa
88	126 09:41:58	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		36515:16:285F	03-125/21:34:28	1ESa
89	126 09:41:58	31			CC7PC	(307) STAR ACQUIRED	AACS		36515:16:285F	03-125/21:34:28	1ECa
90	126 09:41:58	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		36515:16:286F	03-125/21:34:29	1ECp
91	126 09:41:58	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		36515:16:288F	03-125/21:34:29	1ECp
92	126 09:41:58	31			CC7PC	(312) DUMMY PWR CMD	AACS		36515:16:290F	03-125/21:34:29	1ECa
93	126 09:44:05	31				B- DRCRUS			36515:19:001F	03-125/21:36:35	1TB
94	126 09:44:05	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		36515:19:009F	03-125/21:36:36	1ECf

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 19 DOY 03-125/00:00 - 03-132/00:00

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95	126 09:44:53	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	36515:20:001F	03-125/21:37:23	1ESf
96	126 09:44:53	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		36515:20:002F	03-125/21:37:24	1ECs
97	126 09:50:29	31				B- YAWDB			36515:27:001F	03-125/21:42:59	1TB
98	126 09:50:29	31				YAWDB - .10			36515:27:001F	03-125/21:42:59	1T
99	126 09:50:29	31				B- ROLLDB			36515:27:001F	03-125/21:42:59	1TB
100	126 09:50:29	31				ROLLDB - .25			36515:27:001F	03-125/21:42:59	1T
101	126 09:50:29	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		36515:27:003F	03-125/21:43:00	1ECa
102	126 09:50:29	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		36515:27:005F	03-125/21:43:00	1ECa
103	126 09:50:30	31	15	OPCH 15		END ASCAL					1TD
104	126 09:52:05	31				RESTART GYRO FAULT TEST			36515:29:001F	03-125/21:44:35	1T
105	126 09:52:05	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		36515:29:001F	03-125/21:44:35	1ECa
106	126 10:47:58	32	40RISE			10.2 DEGREE RISE DSC-40					2V
107	126 10:55:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-9416 (D/L ONLY)					2DP
108	126 10:55:00	32				CFG CODES					2DP
109	126 11:39:43	31	40RISE			10.2 DEGREE RISE DSC-40					1V
110	126 12:00:00	31				VGR-31 OWLT IS 12H 07M 29S					1L
111	126 12:00:00	32				VGR-32 OWLT IS 09H 39M 53S					2L
112	126 15:25:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9400					1DP

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 19 DOY 03-125/00:00 - 03-132/00:00

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113	126 15:39:08	31	10	SET		10.2 DEGREE SET DSC-10					1V
114	126 16:27:40	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
115	126 16:27:40	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
116	126 16:28:28	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
117	126 16:28:28	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
118	126 16:31:52	32				BEGIN PWSREC			30381:57:001F	03-126/06:51:59	2T
119	126 16:31:52	32				B- DRGS4B			30381:57:001F	03-126/06:51:59	2TB
120	126 16:31:52	32			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B FDS PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY			30381:57:009F	03-126/06:52:00	2ECf
121	126 16:32:36	32				BEGIN RECORDING PWS DATA			30381:57:734F	03-126/06:52:43	2T
122	126 16:32:36	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		30381:57:735F	03-126/06:52:43	2ECd
123	126 16:32:36	32					DTR		30381:57:735F	03-126/06:52:43	2ESd
						DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:2944					
124	126 16:32:40	32		ACE OPCH			FDS	GS-4B	30381:58:001F	03-126/06:52:47	2ESf
						FDS STATUS GS-4B/X2.8K/S40 MEM:PB/FDS11 SA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION					

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125	126 16:32:40	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		30381:58:002F	03-126/06:52:47	2ECs
126	126 16:32:41	32				B- DRCRUS			30381:58:018F	03-126/06:52:48	2TB
127	126 16:32:41	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		30381:58:025F	03-126/06:52:49	2ECF
128	126 16:33:28	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	30381:59:001F	03-126/06:53:35	2ESf
129	126 16:33:28	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		30381:59:001F	03-126/06:53:35	2ECd
130	126 16:33:28	32				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2653	DTR		30381:59:001F	03-126/06:53:35	2ESd
131	126 16:33:28	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		30381:59:002F	03-126/06:53:35	2ECs
132	126 16:33:29	32				END PWSREC			30381:59:018F	03-126/06:53:36	2T
133	126 17:32:41	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
134	126 17:32:41	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
135	126 17:33:29	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 19 DOY 03-125/00:00 - 03-132/00:00

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136	126 17:33:29	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
137	126 17:36:05	31				BEGIN PWSREC.31			36525:09:001F	03-126/05:28:35	1T
138	126 17:36:05	31			SC32AJ	(10) PLS CONFIG CMD	FDS		36525:09:010F	03-126/05:28:36	1ECF
139	126 17:36:53	31				B- DRGS4B			36525:10:001F	03-126/05:29:23	1TB
140	126 17:36:53	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		36525:10:009F	03-126/05:29:24	1ECF
141	126 17:37:37	31				BEGIN RECORDING PWS DATA			36525:10:734F	03-126/05:30:07	1T
142	126 17:37:37	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		36525:10:735F	03-126/05:30:08	1ECd
143	126 17:37:37	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:2045	DTR		36525:10:735F	03-126/05:30:08	1ESd
144	126 17:37:41	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE -----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	36525:11:001F	03-126/05:30:11	1ESf
145	126 17:37:41	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		36525:11:002F	03-126/05:30:12	1ECs
146	126 17:37:42	31				B- DRCRUS			36525:11:018F	03-126/05:30:12	1TB

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 19 DOY 03-125/00:00 - 03-132/00:00

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
147	126 17:37:42	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		36525:11:026F	03-126/05:30:13	1ECf
148	126 17:38:29	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	36525:12:001F	03-126/05:30:59	1ESf
149	126 17:38:29	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		36525:12:002F	03-126/05:31:00	1ECs
150	126 17:38:29	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36525:12:002F	03-126/05:31:00	1ECd
151	126 17:38:29	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2338	DTR		36525:12:002F	03-126/05:31:00	1ESd
152	126 17:39:17	31			SC32AJ	(11) PLS CONFIG CMD	FDS		36525:13:010F	03-126/05:31:48	1ECf
153	126 17:39:18	31				END PWSREC.31			36525:13:018F	03-126/05:31:48	1T
154	126 17:58:04	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
155	126 17:58:04	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
156	126 17:58:16	32				BEGIN PMPCALLR			30383:45:001F	03-126/08:18:23	2T
157	126 18:02:16	32				B- DRCR5T			30383:50:001F	03-126/08:22:23	2TB
158	126 18:02:16	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		30383:50:009F	03-126/08:22:24	2ECf

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
159	126 18:03:04	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	30383:51:001F	03-126/08:23:11	2ESf
160	126 18:03:04	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		30383:51:001F	03-126/08:23:11	2ECs
161	126 18:09:28	32			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		30383:59:009F	03-126/08:29:36	2ECf
162	126 18:10:16	32				BEGIN PLS/MAG/PESCAL			30384:00:001F	03-126/08:30:23	2T
163	126 19:52:40	32				END PLSCAL			30386:08:001F	03-126/10:12:47	2T
164	126 20:33:57	31	60RISE			10.2 DEGREE RISE DSC-60					1V
165	126 20:41:07	31	40 SET			10.2 DEGREE SET DSC-40					1V
166	126 21:12:40	32				END MAGCAL			30387:48:001F	03-126/11:32:47	2T
167	126 21:26:04	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
168	126 21:26:04	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
169	126 21:30:16	32				END PESCAL			30388:10:001F	03-126/11:50:23	2T
170	126 21:30:16	32				B- DRCRUS			30388:10:001F	03-126/11:50:23	2TB
171	126 21:30:16	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		30388:10:009F	03-126/11:50:24	2ECf

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 19 DOY 03-125/00:00 - 03-132/00:00

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
172	126 21:31:04	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	30388:11:001F	03-126/11:51:11	2ESf
173	126 21:31:04	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		30388:11:002F	03-126/11:51:11	2ECs
174	126 21:31:05	32				END PMPCALLR			30388:11:018F	03-126/11:51:12	2T
175	127 00:00:00	31				VGR-31 OWLT IS 12H 07M 30S					1L
176	127 00:00:00	32				VGR-32 OWLT IS 09H 39M 52S					2L
177	127 02:45:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-9416					2DP
178	127 02:55:37	32	40 SET			10.2 DEGREE SET DSC-40					2V
179	127 04:06:47	31	10RISE			10.2 DEGREE RISE DSC-10					1V
180	127 07:41:36	31	60 SET			15.4 DEGREE SET DSC-60					1V
181	127 08:50:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9401 (D/L ONLY)					1DP
182	127 08:50:00	31				CFG CODES					1DP
183	127 09:15:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9401 (D/L ONLY)					1DP
184	127 09:15:00	31				CFG CODES					1DP
185	127 10:43:57	32	40RISE			10.2 DEGREE RISE DSC-40					2V
186	127 11:35:46	31	40RISE			10.2 DEGREE RISE DSC-40					1V
187	127 12:00:00	31				VGR-31 OWLT IS 12H 07M 30S					1L
188	127 12:00:00	32				VGR-32 OWLT IS 09H 39M 50S					2L
189	127 13:15:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9401					1DP
190	127 13:20:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-9417 (D/L ONLY)					2DP

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 19 DOY 03-125/00:00 - 03-132/00:00

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
191	127 13:20:00	32				CFG CODES					2DP
192	127 15:20:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9401					1DP
193	127 15:35:11	31	10 SET			10.2 DEGREE SET DSC-10					1V
194	127 20:10:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-9417 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
195	127 20:29:58	31	60RISE			10.2 DEGREE RISE DSC-60					1V
196	127 20:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9401 (D/L ONLY)					1DP
197	127 20:30:00	31				CFG CODES					1DP
198	127 20:30:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-9417					2DP
199	127 20:37:08	31	40 SET			10.2 DEGREE SET DSC-40					1V
200	127 23:10:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9401 (U/L PASS)					1DP
201	128 00:00:00	31				VGR-31 OWLT IS 12H 07M 31S					1L
202	128 00:00:00	32				VGR-32 OWLT IS 09H 39M 49S					2L
203	128 00:45:00	31	54	OPCH 54		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
204	128 00:45:00	31	54	OPCH 54		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
205	128 00:46:00	31	54	OPCH 54		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 19 DOY 03-125/00:00 - 03-132/00:00

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
206	128 00:47:00	31	54	OPCH 54		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
207	128 01:12:00	31	54	OPCH 54		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
208	128 02:51:43	32	40	SET		10.2 DEGREE SET DSC-40					2V
209	128 03:10:00	31	54	LOS	OPCH ACE	LOS DSS-54 PASS-9401					1DP
210	128 03:20:00	32	43	LOS	OPCH ACE	LOS DSS-43 PASS-9417					2DP
211	128 04:02:48	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
212	128 04:35:00	31	63	LOS	OPCH ACE	LOS DSS-63 PASS-9401					1DP
213	128 04:50:00	31	26	AOS	OPCH ACE	AOS DSS-26 PASS-9402 (D/L ONLY)					1DP
214	128 04:50:00	31				CFG CODES					1DP
215	128 05:26:13	32			AC7SSB	(3 +003) SS BIAS CONTROL - PITCH	AACS		30428:05:003F	03-127/19:46:23	2ECa
216	128 07:37:37	31	60	SET		15.5 DEGREE SET DSC-60					1V
217	128 10:39:56	32	40	RISE		10.2 DEGREE RISE DSC-40					2V
218	128 11:31:49	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
219	128 12:00:00	31				VGR-31 OWLT IS 12H 07M 32S					1L
220	128 12:00:00	32				VGR-32 OWLT IS 09H 39M 48S					2L
221	128 12:00:00	32	45	AOS	OPCH ACE	AOS DSS-45 PASS-9418 (D/L ONLY)					2DP
222	128 12:00:00	32				CFG CODES					2DP
223	128 14:50:00	31	26	LOS	OPCH ACE	LOS DSS-26 PASS-9402					1DP

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 19 DOY 03-125/00:00 - 03-132/00:00

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
224	128 15:31:14	31	10	SET		10.2 DEGREE SET DSC-10					1V
225	128 20:25:59	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
226	128 20:33:09	31	40	SET		10.2 DEGREE SET DSC-40					1V
227	128 21:30:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-9402 (D/L ONLY)					1DP
228	128 21:30:00	31				CFG CODES					1DP
229	128 22:05:00	32	45	LOS	OPCH ACE	LOS DSS-45 PASS-9418					2DP
230	129 00:00:00	31				VGR-31 OWLT IS 12H 07M 33S					1L
231	129 00:00:00	32				VGR-32 OWLT IS 09H 39M 47S					2L
232	129 01:27:10	31	65		OPCH 65	== START TLC TEST DOWN-LINK ==					1TD
233	129 02:28:10	31	65		OPCH 65	== END TLC TEST DOWN-LINK ==					1TD
234	129 02:47:49	32	40	SET		10.2 DEGREE SET DSC-40					2V
235	129 03:58:49	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
236	129 05:29:46	31			AC7SSB	(4 +151) SS BIAS CONTROL --- YAW	AACS		36600:01:003F	03-128/17:22:12	1ECa
237	129 07:20:00	31	65	LOS	OPCH ACE	LOS DSS-65 PASS-9402					1DP
238	129 07:33:38	31	60	SET		15.5 DEGREE SET DSC-60					1V
239	129 07:45:00	31	15	AOS	OPCH ACE	AOS DSS-15 PASS-9403 (D/L ONLY)					1DP
240	129 07:45:00	31				CFG CODES					1DP
241	129 08:28:46	31			ACE OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
242	129 08:28:46	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
243	129 08:32:10	31				B- MAGROLBC.31			36603:49:001F	03-128/20:24:35	1TB
244	129 08:32:10	31				BEGIN MAGROLBC31			36603:49:001F	03-128/20:24:35	1T
245	129 08:32:10	31				B- YAW10			36603:49:001F	03-128/20:24:35	1TB
246	129 08:32:10	31				YAW10			36603:49:001F	03-128/20:24:35	1T
247	129 08:32:10	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		36603:49:004F	03-128/20:24:36	1ECa
248	129 08:32:59	31				B- DRRC5T			36603:50:018F	03-128/20:25:24	1TB
249	129 08:32:59	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		36603:50:026F	03-128/20:25:25	1ECf
250	129 08:33:46	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	36603:51:001F	03-128/20:26:11	1ESf
251	129 08:33:46	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		36603:51:002F	03-128/20:26:11	1ECs
252	129 08:40:11	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<< FOR COMMANDED TURN D/L AGC VARIATIONS EXPECTED					11EC
253	129 08:42:11	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		36604:01:419F	03-128/20:34:37	1ECa
254	129 08:42:11	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		36604:01:419F	03-128/20:34:37	1ESa

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 19 DOY 03-125/00:00 - 03-132/00:00

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	129 08:42:11	31			CC7GARP	GYRO A OFF	PWR		36604:01:420F	03-128/20:34:37	1ECp
256	129 08:42:11	31			CC7GARP	GYRO A OFF	PWR		36604:01:422F	03-128/20:34:37	1ECp
257	129 08:42:11	31			CC7PC	(352) GYRO A OFF	AACS		36604:01:424F	03-128/20:34:37	1ECa
258	129 08:42:11	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		36604:01:425F	03-128/20:34:37	1ECp
259	129 08:42:11	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		36604:01:427F	03-128/20:34:37	1ECp
260	129 08:42:12	31			CC7PC	(312) DUMMY PWR CMD	AACS		36604:01:429F	03-128/20:34:37	1ECa
261	129 08:45:11	31			AC7TCD	(322 033478) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		36604:05:220F	03-128/20:37:37	1ECa
262	129 09:44:58	31			AC7SSB	(3 -007) SS BIAS CONTROL - PITCH	AACS		36605:20:003F	03-128/21:37:24	1ECa
263	129 10:35:55	32	40RISE			10.2 DEGREE RISE DSC-40					2V
264	129 11:15:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-9419 (D/L ONLY)					2DP
265	129 11:15:00	32				CFG CODES					2DP
266	129 11:27:52	31	40RISE			10.2 DEGREE RISE DSC-40					1V
267	129 12:00:00	31				VGR-31 OWLT IS 12H 07M 34S					1L
268	129 12:00:00	32				VGR-32 OWLT IS 09H 39M 46S					2L
269	129 13:13:23	31			SC32AJ	(10) PLS CONFIG CMD	FDS		36609:40:426F	03-129/01:05:49	1ECf
270	129 13:46:54	31			SC32AJ	(11) PLS CONFIG CMD	FDS		36610:22:342F	03-129/01:39:20	1ECf
271	129 14:21:58	31				ROLL TURN COMPLETE (NOMINAL)			36611:06:201F	03-129/02:14:23	1T
272	129 14:21:58	31			CC7PC	(345) CMDED TURN COMPLETE	AACS		36611:06:200F	03-129/02:14:23	1ECa
273	129 14:24:11	31			SC32AJ	(11) PLS CONFIG CMD	FDS		36611:09:026F	03-129/02:16:37	1ECf
274	129 14:33:11	31				RESET CALIB			36611:20:218F	03-129/02:25:36	1T
275	129 14:33:11	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		36611:20:220F	03-129/02:25:37	1ECa
276	129 14:33:41	31			CC7SS	(1) SS SEARCH ENABLE	AACS		36611:20:719F	03-129/02:26:07	1ECa

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 19 DOY 03-125/00:00 - 03-132/00:00

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
277	129 14:33:41	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		36611:20:719F	03-129/02:26:07	1ESa
278	129 14:33:41	31			CC7PC	(327) IDET ACQUIRED	AACS		36611:20:719F	03-129/02:26:07	1ECa
279	129 14:33:41	31			CC7GARP	GYRO A OFF	PWR		36611:20:720F	03-129/02:26:07	1ECp
280	129 14:33:41	31			CC7GARP	GYRO A OFF	PWR		36611:20:722F	03-129/02:26:07	1ECp
281	129 14:33:41	31			CC7PC	(352) GYRO A OFF	AACS		36611:20:724F	03-129/02:26:07	1ECa
282	129 14:33:41	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		36611:20:725F	03-129/02:26:07	1ECp
283	129 14:33:41	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		36611:20:727F	03-129/02:26:07	1ECp
284	129 14:33:42	31			CC7PC	(312) DUMMY PWR CMD	AACS		36611:20:729F	03-129/02:26:07	1ECa
285	129 14:39:41	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		36611:28:319F	03-129/02:32:07	1ECa
286	129 14:40:46	31				GYROS OFF			36611:29:601F	03-129/02:33:11	1T
287	129 14:40:46	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		36611:29:602F	03-129/02:33:12	1ESa
288	129 14:40:46	31			CC7PC	(307) STAR ACQUIRED	AACS		36611:29:602F	03-129/02:33:12	1ECa
289	129 14:40:46	31			CC7GCRP	GYRO C OFF	PWR		36611:29:603F	03-129/02:33:12	1ECp
290	129 14:40:46	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		36611:29:603F	03-129/02:33:12	1ESa
291	129 14:40:46	31			CC7GCRP	GYRO C OFF	PWR		36611:29:605F	03-129/02:33:12	1ECp
292	129 14:40:46	31			CC7PC	(372) GYRO C OFF	AACS		36611:29:607F	03-129/02:33:12	1ECa

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 19 DOY 03-125/00:00 - 03-132/00:00

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
293	129 14:40:46	31			CC7GBRP	GYRO B OFF	PWR		36611:29:608F	03-129/02:33:12	1ECp
294	129 14:40:46	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS	36611:29:608F	03-129/02:33:12	1ESa	
295	129 14:40:46	31			CC7GBRP	GYRO B OFF	PWR		36611:29:610F	03-129/02:33:12	1ECp
296	129 14:40:47	31			CC7PC	(362) GYRO B OFF	AACS		36611:29:612F	03-129/02:33:12	1ECa
297	129 14:40:47	31			CC7GARP	GYRO A OFF	PWR		36611:29:613F	03-129/02:33:12	1ECp
298	129 14:40:47	31			CC7GARP	GYRO A OFF	PWR		36611:29:615F	03-129/02:33:12	1ECp
299	129 14:40:47	31			CC7PC	(352) GYRO A OFF	AACS		36611:29:617F	03-129/02:33:12	1ECa
300	129 14:40:47	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		36611:29:617F	03-129/02:33:12	1ECp
301	129 14:40:47	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		36611:29:619F	03-129/02:33:13	1ECp
302	129 14:40:47	31			CC7PC	(312) DUMMY PWR CMD	AACS		36611:29:622F	03-129/02:33:13	1ECa
303	129 14:47:58	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
304	129 14:47:58	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
305	129 14:49:11	31				B- YAWDB			36611:40:218F	03-129/02:41:36	1TB
306	129 14:49:11	31				YAWDB - .10			36611:40:218F	03-129/02:41:36	1T
307	129 14:49:11	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		36611:40:221F	03-129/02:41:37	1ECa
308	129 14:52:11	31				B- DRCRUS			36611:44:018F	03-129/02:44:36	1TB
309	129 14:52:11	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	36611:44:026F	03-129/02:44:37	1ECf	

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 19 DOY 03-125/00:00 - 03-132/00:00

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
310	129 14:52:58	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	36611:45:001F	03-129/02:45:23	1ESf
311	129 14:52:58	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		36611:45:002F	03-129/02:45:23	1ECs
312	129 14:52:59	31				END MAGROLBC31			36611:45:018F	03-129/02:45:24	1T
313	129 14:52:59	31				END GAIN31			36611:45:018F	03-129/02:45:24	1T
314	129 15:15:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9403					1DP
315	129 15:27:16	31	10 SET			10.2 DEGREE SET DSC-10					1V
316	129 16:20:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-9419					2DP
317	129 17:10:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-9419 (D/L ONLY)					2DP
318	129 17:10:00	32				CFG CODES					2DP
319	129 20:22:00	31	60RISE			10.2 DEGREE RISE DSC-60					1V
320	129 20:29:11	31	40 SET			10.2 DEGREE SET DSC-40					1V
321	129 20:35:23	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		36618:53:002F	03-129/08:27:48	1ECd
322	129 20:35:23	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2344	DTR		36618:53:002F	03-129/08:27:48	1ESd
323	129 20:48:46	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36619:09:577F	03-129/08:41:10	1ECd
324	129 20:48:46	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2055	DTR		36619:09:577F	03-129/08:41:10	1ESd

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 19 DOY 03-125/00:00 - 03-132/00:00

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
325	129 23:32:47	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
326	129 23:32:47	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
327	129 23:33:35	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
328	129 23:33:35	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
329	129 23:35:23	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		36622:38:002F	03-129/11:27:48	1ECd
330	129 23:35:23	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2055	DTR		36622:38:002F	03-129/11:27:48	1ESd
331	129 23:36:11	31				AHEL11 PWSREC 16			36622:39:001F	03-129/11:28:35	1T
332	129 23:36:11	31				B- PWSREC.31			36622:39:001F	03-129/11:28:35	1TB
333	129 23:36:11	31				BEGIN PWSREC.31			36622:39:001F	03-129/11:28:35	1T
334	129 23:36:11	31			SC32AJ	(10) PLS CONFIG CMD	FDS		36622:39:009F	03-129/11:28:36	1ECf
335	129 23:36:59	31				B- DRGS4B			36622:40:001F	03-129/11:29:23	1TB
336	129 23:36:59	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		36622:40:009F	03-129/11:29:24	1ECf
337	129 23:37:43	31				BEGIN RECORDING PWS DATA			36622:40:734F	03-129/11:30:07	1T
338	129 23:37:43	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		36622:40:735F	03-129/11:30:08	1ECd

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 19 DOY 03-125/00:00 - 03-132/00:00

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
339	129 23:37:43	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2055	DTR		36622:40:735F	03-129/11:30:08	1ESd
340	129 23:37:47	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	36622:41:001F	03-129/11:30:11	1ESf
341	129 23:37:47	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		36622:41:002F	03-129/11:30:12	1ECs
342	129 23:37:48	31				B- DRCRUS			36622:41:018F	03-129/11:30:12	1TB
343	129 23:37:48	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		36622:41:026F	03-129/11:30:13	1ECf
344	129 23:38:35	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	36622:42:001F	03-129/11:30:59	1ESf
345	129 23:38:35	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		36622:42:002F	03-129/11:31:00	1ECs
346	129 23:38:35	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36622:42:002F	03-129/11:31:00	1ECd
347	129 23:38:35	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2348	DTR		36622:42:002F	03-129/11:31:00	1ESd

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 19 DOY 03-125/00:00 - 03-132/00:00

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
348	129 23:39:23	31			SC32AJ	(11) PLS CONFIG CMD	FDS		36622:43:009F	03-129/11:31:48	1ECf
349	129 23:39:24	31				END PWSREC.31			36622:43:018F	03-129/11:31:48	1T
350	130 00:00:00	31				VGR-31 OWLT IS 12H 07M 35S					1L
351	130 00:00:00	32				VGR-32 OWLT IS 09H 39M 45S					2L
352	130 01:44:59	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		36625:20:002F	03-129/13:37:24	1ECd
353	130 01:44:59	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2354	DTR		36625:20:002F	03-129/13:37:24	1ESd
354	130 01:45:27	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36625:20:460F	03-129/13:37:51	1ECd
355	130 01:45:27	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2344	DTR		36625:20:460F	03-129/13:37:51	1ESd
356	130 02:35:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-9419					2DP
357	130 02:43:55	32	40 SET			10.2 DEGREE SET DSC-40					2V
358	130 03:54:50	31	10RISE			10.2 DEGREE RISE DSC-10					1V
359	130 04:45:00	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		36629:05:002F	03-129/16:37:24	1ECd
360	130 04:45:00	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2344	DTR		36629:05:002F	03-129/16:37:24	1ESd
361	130 06:45:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-9404 (D/L ONLY)					1DP
362	130 06:45:00	31				CFG CODES					1DP
363	130 07:29:39	31	60 SET			15.5 DEGREE SET DSC-60					1V
364	130 10:00:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-9420 (D/L ONLY)					2DP

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 19 DOY 03-125/00:00 - 03-132/00:00

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
365	130 10:00:00	32				CFG CODES					2DP
366	130 10:31:54	32	40RISE			10.2 DEGREE RISE DSC-40					2V
367	130 11:08:12	31				B- UVSLEW			36637:04:001F	03-129/23:00:35	1TB
368	130 11:08:12	31				SLEW TO HELIO-11B			36637:04:001F	03-129/23:00:35	1T
369	130 11:08:12	31				B- PLATPOB			36637:04:001F	03-129/23:00:35	1TB
370	130 11:08:12	31			AC7SPK	(2 12 1 098 211) AZ SLEW R=LOW	AACS		36637:04:003F	03-129/23:00:36	1ECa
371	130 11:08:12	31			AC7SPK	(1 12 2 068 132) EL SLEW R=LOW	AACS		36637:04:005F	03-129/23:00:36	1ECa
372	130 11:23:54	31	40RISE			10.2 DEGREE RISE DSC-40					1V
373	130 11:34:50	31				B- SLEND			36637:37:234F	03-129/23:27:13	1TB
374	130 11:34:50	31			SLEWEND	AZ=124.998 EL=176.039 CO=169.795			36637:37:234F	03-129/23:27:13	1T
375	130 12:00:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-9404					1DP
376	130 12:00:00	31				VGR-31 OWLT IS 12H 07M 36S					1L
377	130 12:00:00	32				VGR-32 OWLT IS 09H 39M 44S					2L
378	130 12:15:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-9420 (D/L ONLY)					2DP
379	130 12:15:00	32				CFG CODES					2DP
380	130 12:30:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-9420					2DP
381	130 15:23:19	31	10 SET			10.2 DEGREE SET DSC-10					1V
382	130 20:18:02	31	60RISE			10.2 DEGREE RISE DSC-60					1V
383	130 20:25:12	31	40 SET			10.2 DEGREE SET DSC-40					1V
384	130 21:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9404 (D/L ONLY)					1DP
385	130 21:30:00	31				CFG CODES					1DP
386	131 00:00:00	31				VGR-31 OWLT IS 12H 07M 37S					1L

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 19 DOY 03-125/00:00 - 03-132/00:00

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
387	131 00:00:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-9420					2DP
388	131 00:00:00	32				VGR-32 OWLT IS 09H 39M 42S					2L
389	131 00:40:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9404					1DP
390	131 02:40:01	32	40 SET			10.2 DEGREE SET DSC-40					2V
391	131 03:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9404 (D/L ONLY)					1DP
392	131 03:30:00	31				CFG CODES					1DP
393	131 03:50:52	31	10RISE			10.2 DEGREE RISE DSC-10					1V
394	131 07:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9404					1DP
395	131 07:20:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9405 (D/L ONLY)					1DP
396	131 07:20:00	31				CFG CODES					1DP
397	131 07:25:40	31	60 SET			15.5 DEGREE SET DSC-60					1V
398	131 10:27:52	32	40RISE			10.2 DEGREE RISE DSC-40					2V
399	131 10:35:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-9421 (D/L ONLY)					2DP
400	131 10:35:00	32				CFG CODES					2DP
401	131 11:08:14	31				B- UVSLEW			36667:04:001F	03-130/23:00:35	1TB
402	131 11:08:14	31				SLEW TO HELIO-12B			36667:04:001F	03-130/23:00:35	1T
403	131 11:08:14	31				B- PLATPOA			36667:04:001F	03-130/23:00:35	1TB
404	131 11:08:14	31			AC7SPK	(1 12 1 075 107) EL SLEW R=LOW	AACS		36667:04:003F	03-130/23:00:36	1ECa
405	131 11:10:33	31				B- SLEND			36667:06:718F	03-130/23:02:54	1TB
406	131 11:10:33	31			SLEWEND	AZ=124.998 EL=165.557 CO=160.188			36667:06:718F	03-130/23:02:54	1T
407	131 11:19:57	31	40RISE			10.2 DEGREE RISE DSC-40					1V
408	131 12:00:00	31				VGR-31 OWLT IS 12H 07M 38S					1L

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 19 DOY 03-125/00:00 - 03-132/00:00

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
409	131 12:00:00	32				VGR-32 OWLT IS 09H 39M 41S					2L
410	131 13:30:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-9421 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
411	131 13:35:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-9421					2DP
412	131 15:05:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9405					1DP
413	131 15:19:21	31	10 SET			10.2 DEGREE SET DSC-10					1V
414	131 20:14:03	31	60RISE			10.2 DEGREE RISE DSC-60					1V
415	131 20:21:13	31	40 SET			10.2 DEGREE SET DSC-40					1V
416	131 21:25:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9405 (D/L ONLY)					1DP
417	131 21:25:00	31				CFG CODES					1DP
418	131 21:45:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-9421					2DP
419	132 00:00:00	31				VGR-31 OWLT IS 12H 07M 39S					1L
420	132 00:00:00	32				VGR-32 OWLT IS 09H 39M 40S					2L