



# INTEGRATED FLIGHT SOE

WEEK 18

SEQUENCE ID A047/B119 DATE OF RELEASE April 23, 2003

EXECUTION PERIOD 04/28/03 to 05/04/03 (03-118 to 03-124)

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 B119F WEEK 18 DOY 03-118/00:00 - 03-125/00:00

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	118 00:00:00	31				VGR-31 OWLT IS 12H 07M 19S					1L
2	118 00:00:00	32				VGR-32 OWLT IS 09H 40M 16S					2L
3	118 03:30:38	32	40 SET			10.2 DEGREE SET DSC-40					2V
4	118 04:42:34	31	10RISE			10.2 DEGREE RISE DSC-10					1V
5	118 05:25:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9392 (D/L ONLY)					1DP
6	118 05:25:00	31				CFG CODES					1DP
7	118 08:17:30	31	60 SET			15.4 DEGREE SET DSC-60					1V
8	118 11:07:55	31				B- UVSLEW			36277:04:001F	03-117/23:00:35	1TB
9	118 11:07:55	31				SLEW TO HELIO-9B			36277:04:001F	03-117/23:00:35	1T
10	118 11:07:55	31				B- PLATPOA			36277:04:001F	03-117/23:00:35	1TB
11	118 11:07:55	31			AC7SPK	(1 12 1 075 126) EL SLEW R=LOW	AACS		36277:04:003F	03-117/23:00:36	1ECa
12	118 11:09:50	31				B- SLEND			36277:06:318F	03-117/23:02:30	1TB
13	118 11:09:50	31			SLEWEND	AZ=319.958 EL=165.013 CO=169.786			36277:06:318F	03-117/23:02:30	1T
14	118 11:20:02	32	40RISE			10.2 DEGREE RISE DSC-40					2V
15	118 12:00:00	31				VGR-31 OWLT IS 12H 07M 19S					1L
16	118 12:00:00	32				VGR-32 OWLT IS 09H 40M 14S					2L
17	118 12:11:19	31	40RISE			10.2 DEGREE RISE DSC-40					1V
18	118 13:35:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-9408 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
19	118 15:25:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9392					1DP
20	118 16:10:46	31	10 SET			10.2 DEGREE SET DSC-10					1V
21	118 21:05:48	31	60RISE			10.2 DEGREE RISE DSC-60					1V
22	118 21:12:58	31	40 SET			10.2 DEGREE SET DSC-40					1V

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 18 DOY 03-118/00:00 - 03-125/00:00

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	118 21:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9392 (D/L ONLY)					1DP
24	118 21:45:00	31				CFG CODES					1DP
25	118 22:45:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-9408					2DP
26	119 00:00:00	31				VGR-31 OWLT IS 12H 07M 19S					1L
27	119 00:00:00	32				VGR-32 OWLT IS 09H 40M 13S					2L
28	119 02:17:48	32			AC7SSB	(3 +005) SS BIAS CONTROL - PITCH	AACS		30154:09:003F	03-118/16:37:35	2ECa
29	119 03:26:45	32	40 SET			10.2 DEGREE SET DSC-40					2V
30	119 04:38:36	31	10RISE			10.2 DEGREE RISE DSC-10					1V
31	119 07:30:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9393 (D/L ONLY)					1DP
32	119 07:30:00	31				CFG CODES					1DP
33	119 07:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9392					1DP
34	119 08:13:31	31	60 SET			15.4 DEGREE SET DSC-60					1V
35	119 10:45:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-9409 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
36	119 11:07:56	31				B- UVSLEW			36307:04:001F	03-118/23:00:35	1TB
37	119 11:07:56	31				SLEW TO HELIO-10B			36307:04:001F	03-118/23:00:35	1T
38	119 11:07:56	31				B- PLATPOA			36307:04:001F	03-118/23:00:35	1TB
39	119 11:07:56	31			AC7SPK	(1 12 1 068 036) EL SLEW R=LOW	AACS		36307:04:003F	03-118/23:00:36	1ECa
40	119 11:10:04	31				B- SLEND			36307:06:534F	03-118/23:02:43	1TB
41	119 11:10:04	31			SLEWEND	AZ=319.958 EL=175.037 CO=175.485			36307:06:534F	03-118/23:02:43	1T
42	119 11:16:02	32	40RISE			10.2 DEGREE RISE DSC-40					2V
43	119 12:00:00	31				VGR-31 OWLT IS 12H 07M 20S					1L
44	119 12:00:00	32				VGR-32 OWLT IS 09H 40M 11S					2L

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 18 DOY 03-118/00:00 - 03-125/00:00

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
45	119 12:07:22	31	40RISE			10.2 DEGREE RISE DSC-40					1V
46	119 14:45:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9393					1DP
47	119 16:06:49	31	10 SET			10.2 DEGREE SET DSC-10					1V
48	119 16:51:59	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
49	119 16:51:59	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
50	119 16:52:47	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
51	119 16:52:47	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
52	119 16:56:11	32				BEGIN PWSREC			30172:27:001F	03-119/07:15:59	2T
53	119 16:56:11	32				B- DRGS4B			30172:27:001F	03-119/07:15:59	2TB
54	119 16:56:11	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		30172:27:009F	03-119/07:16:00	2ECf
55	119 16:56:55	32				BEGIN RECORDING PWS DATA			30172:27:734F	03-119/07:16:43	2T
56	119 16:56:55	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		30172:27:735F	03-119/07:16:43	2ECd
57	119 16:56:55	32				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:3242	DTR		30172:27:735F	03-119/07:16:43	2ESd

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 18 DOY 03-118/00:00 - 03-125/00:00

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
58	119 16:56:59	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	30172:28:001F	03-119/07:16:47	2ESf
59	119 16:56:59	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		30172:28:002F	03-119/07:16:47	2ECs
60	119 16:57:00	32				B- DRCRUS			30172:28:018F	03-119/07:16:48	2TB
61	119 16:57:00	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		30172:28:025F	03-119/07:16:49	2ECf
62	119 16:57:47	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	30172:29:001F	03-119/07:17:35	2ESf
63	119 16:57:47	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		30172:29:001F	03-119/07:17:35	2ECd
64	119 16:57:47	32				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2951	DTR		30172:29:001F	03-119/07:17:35	2ESd
65	119 16:57:47	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		30172:29:002F	03-119/07:17:35	2ECs
66	119 16:57:48	32				END PWSREC			30172:29:018F	03-119/07:17:36	2T
67	119 17:56:32	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
68	119 17:56:32	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
69	119 17:57:20	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
70	119 17:57:20	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
71	119 17:59:56	31				BEGIN PWSREC.31			36315:39:001F	03-119/05:52:35	1T
72	119 17:59:56	31			SC32AJ	(10) PLS CONFIG CMD	FDS		36315:39:009F	03-119/05:52:36	1ECF
73	119 18:00:44	31				B- DRGS4B			36315:40:001F	03-119/05:53:23	1TB
74	119 18:00:44	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		36315:40:009F	03-119/05:53:24	1ECF
75	119 18:01:28	31				BEGIN RECORDING PWS DATA			36315:40:734F	03-119/05:54:07	1T
76	119 18:01:28	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		36315:40:735F	03-119/05:54:08	1ECd
77	119 18:01:28	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:1446	DTR		36315:40:735F	03-119/05:54:08	1ESd
78	119 18:01:32	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	36315:41:001F	03-119/05:54:11	1ESF

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 18 DOY 03-118/00:00 - 03-125/00:00

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	119 18:01:32	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		36315:41:002F	03-119/05:54:12	1ECs
80	119 18:01:33	31				B- DRCRUS			36315:41:018F	03-119/05:54:12	1TB
81	119 18:01:33	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		36315:41:026F	03-119/05:54:13	1ECF
82	119 18:02:20	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	36315:42:001F	03-119/05:54:59	1ESF
83	119 18:02:20	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		36315:42:002F	03-119/05:55:00	1ECs
84	119 18:02:20	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36315:42:002F	03-119/05:55:00	1ECd
85	119 18:02:20	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1739	DTR		36315:42:002F	03-119/05:55:00	1ESd
86	119 18:03:08	31			SC32AJ	(11) PLS CONFIG CMD	FDS		36315:43:010F	03-119/05:55:48	1ECf
87	119 18:03:09	31				END PWSREC.31			36315:43:018F	03-119/05:55:48	1T
88	119 20:30:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-9409					2DP
89	119 21:01:49	31	60RISE			10.2 DEGREE RISE DSC-60					1V
90	119 21:08:59	31	40 SET			10.2 DEGREE SET DSC-40					1V
91	119 21:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9393 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 18 DOY 03-118/00:00 - 03-125/00:00

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
92	119 22:30:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-9409 (D/L ONLY)					2DP
93	119 22:30:00	32				CFG CODES					2DP
94	120 00:00:00	31				VGR-31 OWLT IS 12H 07M 20S					1L
95	120 00:00:00	32				VGR-32 OWLT IS 09H 40M 10S					2L
96	120 00:30:00	31	63	OPCH 63		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
97	120 00:30:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
98	120 00:31:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
99	120 00:32:00	31	63	OPCH 63		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
100	120 00:57:00	31	63	OPCH 63		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
101	120 01:05:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9393					1DP
102	120 01:10:20	31			AC7SSB	(4 +153) SS BIAS CONTROL --- YAW	AACS		36324:37:003F	03-119/13:03:00	1ECa
103	120 02:30:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-9409					2DP
104	120 03:22:52	32	40 SET			10.2 DEGREE SET DSC-40					2V



INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 18 DOY 03-118/00:00 - 03-125/00:00

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
105	120 04:34:37	31	10RISE			10.2 DEGREE RISE DSC-10					1V
106	120 05:20:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9394 (D/L ONLY)					1DP
107	120 05:20:00	31				CFG CODES					1DP
108	120 08:09:32	31	60 SET			15.4 DEGREE SET DSC-60					1V
109	120 08:50:21	31				TAPPOS-0210			36334:12:001F	03-119/20:42:59	1T
110	120 08:50:21	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		36334:12:001F	03-119/20:42:59	1ECd
111	120 08:50:21	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:1745	DTR		36334:12:001F	03-119/20:42:59	1ESd
112	120 10:01:25	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36335:40:662F	03-119/21:54:03	1ECd
113	120 10:01:25	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0210	DTR		36335:40:662F	03-119/21:54:03	1ESd
114	120 10:04:33	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
115	120 10:04:33	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
116	120 10:04:45	31				BEGIN PMPCALLR			36335:45:001F	03-119/21:57:23	1T
117	120 10:08:45	31				B- DR5T			36335:50:001F	03-119/22:01:23	1TB
118	120 10:08:45	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		36335:50:009F	03-119/22:01:24	1ECf

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 18 DOY 03-118/00:00 - 03-125/00:00

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
119	120 10:09:33	31		ACE OPCH			FDS	CR-5T	36335:51:001F	03-119/22:02:11	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
120	120 10:09:33	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		36335:51:001F	03-119/22:02:11	1ECs
121	120 10:15:57	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		36335:59:009F	03-119/22:08:36	1ECf
122	120 10:16:45	31				BEGIN PLS/MAG/PESCAL			36336:00:001F	03-119/22:09:23	1T
123	120 10:45:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-9410 (D/L ONLY)					2DP
124	120 10:45:00	32				CFG CODES					2DP
125	120 11:12:01	32	40RISE			10.2 DEGREE RISE DSC-40					2V
126	120 11:38:21	31				FWD/TRK 1			36337:42:001F	03-119/23:30:59	1T
127	120 11:38:21	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		36337:42:002F	03-119/23:30:59	1ECd
128	120 11:38:21	31					DTR		36337:42:002F	03-119/23:30:59	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0210					
129	120 11:59:09	31				END PLSCAL			36338:08:001F	03-119/23:51:47	1T
130	120 12:00:00	31				VGR-31 OWLT IS 12H 07M 21S					1L
131	120 12:00:00	32				VGR-32 OWLT IS 09H 40M 08S					2L
132	120 12:03:25	31	40RISE			10.2 DEGREE RISE DSC-40					1V
133	120 13:19:09	31				END MAGCAL			36339:48:001F	03-120/01:11:47	1T



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149	120 21:05:00	31	40 SET			10.2 DEGREE SET DSC-40					1V
150	120 21:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9394 (D/L ONLY)					1DP
151	120 21:15:00	31				CFG CODES					1DP
152	120 23:07:57	31				B- UVSLEW			36352:04:001F	03-120/11:00:35	1TB
153	120 23:07:57	31				SLEW TO MIDPNT			36352:04:001F	03-120/11:00:35	1T
154	120 23:07:57	31				B- PLATPOB			36352:04:001F	03-120/11:00:35	1TB
155	120 23:07:57	31			AC7SPK	(1 12 2 093 082) EL SLEW R=LOW	AACS		36352:04:003F	03-120/11:00:36	1ECa
156	120 23:07:57	31			AC7SPK	(2 12 1 165 129) AZ SLEW R=LOW	AACS		36352:04:005F	03-120/11:00:36	1ECa
157	120 23:35:29	31				B- SLEND			36352:38:334F	03-120/11:28:07	1TB
158	120 23:35:29	31			SLEWEND	AZ=219.982 EL=140.025 CO=134.417			36352:38:334F	03-120/11:28:07	1T
159	121 00:00:00	31				VGR-31 OWLT IS 12H 07M 21S					1L
160	121 00:00:00	32				VGR-32 OWLT IS 09H 40M 07S					2L
161	121 01:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9394					1DP
162	121 01:11:47	31	NONE	OPCH NO		== START TLC TEST DOWN-LINK ==					1TD
163	121 01:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9394 (D/L ONLY)					1DP
164	121 01:15:00	31				CFG CODES					1DP
165	121 02:12:47	31	NONE	OPCH NO		== END TLC TEST DOWN-LINK ==					1TD
166	121 03:18:59	32	40 SET			10.2 DEGREE SET DSC-40					2V
167	121 04:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9394					1DP
168	121 04:30:39	31	10RISE			10.2 DEGREE RISE DSC-10					1V

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 18 DOY 03-118/00:00 - 03-125/00:00

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
169	121 05:20:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9395 (D/L ONLY)					1DP
170	121 05:20:00	31				CFG CODES					1DP
171	121 07:37:22	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
172	121 07:38:22	31				B- PWSPB.31			36362:42:001F	03-120/19:30:59	1TB
173	121 07:38:22	31				BEGIN PWSPBA31			36362:42:001F	03-120/19:30:59	1T
174	121 07:38:22	31				CHECK IF RFLOSS FAIL			36362:42:001F	03-120/19:30:59	1T
175	121 07:38:22	31				IF FAIL SKIP HIGHPWR			36362:42:001F	03-120/19:30:59	1T
176	121 07:38:22	31			CC1TR	BAY 1 HTR OFF	PWR		36362:42:003F	03-120/19:31:00	1ECp
177	121 07:42:22	31				X BAND HIGH POWER			36362:47:001F	03-120/19:34:59	1T
178	121 07:42:22	31			DC2H	X-BAND TWT HIGH POWER	RFS		36362:47:002F	03-120/19:34:59	1ECr
179	121 08:05:33	31	60 SET			15.4 DEGREE SET DSC-60					1V
180	121 08:38:22	31				B- YAW05			36363:57:001F	03-120/20:30:59	1TB
181	121 08:38:22	31				YAW05			36363:57:001F	03-120/20:30:59	1T
182	121 08:38:22	31			AC7PAR	(6741 000740) +YAW DB=.05 DEG	AACS		36363:57:004F	03-120/20:31:00	1ECa
183	121 08:42:10	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
184	121 08:42:10	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=39 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
185	121 08:42:10	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
186	121 08:46:22	31				B- DRPBDB.31			36364:07:001F	03-120/20:38:59	1TB
187	121 08:46:22	31				BEGIN DDPB1431			36364:07:001F	03-120/20:38:59	1T

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 18 DOY 03-118/00:00 - 03-125/00:00

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
188	121 08:46:22	31			SC06BB	(12 0 07 0) FDS MODE TO: PB-14 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		36364:07:009F	03-120/20:39:00	1ECf
189	121 08:47:10	31				BEGIN PLAYBACK			36364:08:001F	03-120/20:39:47	1T
190	121 08:47:10	31		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PA/FDS11	FDS	PB-14	36364:08:001F	03-120/20:39:47	1ESf
191	121 08:47:10	31			CC3A	(39310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=39 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		36364:08:002F	03-120/20:39:48	1ECs
192	121 08:47:10	31			CC6AD	(3 2 0 2) SVC-W4 FDS MEM B WRT PROTECT	FDS		36364:08:003F	03-120/20:39:48	1ECf
193	121 08:47:10	31		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PA/FDS11	FDS	PB-14	36364:08:003F	03-120/20:39:48	1ESf
194	121 08:47:10	31			CC16C	(1210) DTR STATE SELECT:PLAYBACK	DTR		36364:08:005F	03-120/20:39:48	1ECd
195	121 08:47:10	31				DTR STATUS MODE:PLAY RATE:007.2K DIR:F TRK:1 TIC:0210	DTR		36364:08:005F	03-120/20:39:48	1ESd
196	121 08:47:11	31				END DDPB1431			36364:08:018F	03-120/20:39:48	1T
197	121 11:08:01	32	40RISE			10.2 DEGREE RISE DSC-40					2V
198	121 11:23:25	31			EOT	END OF TAPE			36367:23:244F	03-120/23:16:02	1Ed
199	121 11:23:25	31			EOT	END OF TAPE			36367:23:248F	03-120/23:16:02	1Ed
200	121 11:59:28	31	40RISE			10.2 DEGREE RISE DSC-40					1V

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 18 DOY 03-118/00:00 - 03-125/00:00

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
201	121 12:00:00	31				VGR-31 OWLT IS 12H 07M 22S					1L
202	121 12:00:00	32				VGR-32 OWLT IS 09H 40M 06S					2L
203	121 14:00:09	31			BOT	BEGIN OF TAPE			36370:39:187F	03-121/01:52:47	1Ed
204	121 14:00:09	31			BOT	BEGIN OF TAPE			36370:39:191F	03-121/01:52:47	1Ed
205	121 14:05:34	31			AC7SSB	(3 -008) SS BIAS CONTROL - PITCH	AACS		36370:46:003F	03-121/01:58:12	1ECa
206	121 15:17:22	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
207	121 15:17:22	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
208	121 15:17:22	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
209	121 15:21:34	31				B- DRUSR			36372:21:001F	03-121/03:14:11	1TB
210	121 15:21:34	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		36372:21:009F	03-121/03:14:12	1ECf
211	121 15:22:22	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	36372:22:001F	03-121/03:14:59	1ESf
212	121 15:22:22	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		36372:22:002F	03-121/03:15:00	1ECs
213	121 15:22:22	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36372:22:003F	03-121/03:15:00	1ECd

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 18 DOY 03-118/00:00 - 03-125/00:00

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
214	121 15:22:22	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1975	DTR		36372:22:003F	03-121/03:15:00	1ESd
215	121 15:22:22	31			CC6AD	(3 2 0 0) SVC-W4 FDS MEM B WRT PROTECT	FDS		36372:22:003F	03-121/03:15:00	1ECf
216	121 15:22:22	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	36372:22:003F	03-121/03:15:00	1ESf
217	121 15:22:23	31				END PLAYBACK			36372:22:018F	03-121/03:15:00	1T
218	121 15:36:46	31				B- YAWDB			36372:40:001F	03-121/03:29:23	1TB
219	121 15:36:46	31				YAWDB - .10			36372:40:001F	03-121/03:29:23	1T
220	121 15:36:46	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		36372:40:004F	03-121/03:29:24	1ECa
221	121 15:45:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-9411 (D/L ONLY)					2DP
222	121 15:45:00	32				CFG CODES					2DP
223	121 15:50:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9395					1DP
224	121 15:58:54	31	10 SET			10.2 DEGREE SET DSC-10					1V
225	121 20:53:51	31	60RISE			10.2 DEGREE RISE DSC-60					1V
226	121 21:01:01	31	40 SET			10.2 DEGREE SET DSC-40					1V
227	122 00:00:00	31				VGR-31 OWLT IS 12H 07M 22S					1L
228	122 00:00:00	32				VGR-32 OWLT IS 09H 40M 04S					2L
229	122 01:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9395 (D/L ONLY)					1DP
230	122 01:15:00	31				CFG CODES					1DP
231	122 02:35:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-9411					2DP



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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
232	122 03:15:05	32	40 SET			10.2 DEGREE SET DSC-40					2V
233	122 04:26:40	31	10RISE			10.2 DEGREE RISE DSC-10					1V
234	122 07:10:23	31				TAPPOS-2045			36392:07:001F	03-121/19:02:59	1T
235	122 07:10:23	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		36392:07:001F	03-121/19:02:59	1ECd
236	122 07:10:23	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1976	DTR		36392:07:001F	03-121/19:02:59	1ESd
237	122 07:13:35	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36392:10:794F	03-121/19:06:11	1ECd
238	122 07:13:35	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2045	DTR		36392:10:794F	03-121/19:06:11	1ESd
239	122 07:31:59	31				B- GYONBC.31			36392:34:001F	03-121/19:24:35	1TB
240	122 07:31:59	31				BEGIN GYONBC31			36392:34:001F	03-121/19:24:35	1T
241	122 07:31:59	31			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		36392:34:003F	03-121/19:24:36	1ECa
242	122 07:31:59	31			CC7GARP	GYRO A OFF	PWR		36392:34:004F	03-121/19:24:36	1ECp
243	122 07:31:59	31			CC7GARP	GYRO A OFF	PWR		36392:34:006F	03-121/19:24:36	1ECp
244	122 07:31:59	31			CC7PC	(352) GYRO A OFF	AACS		36392:34:008F	03-121/19:24:36	1ECa
245	122 07:31:59	31			CC7GCP	GYRO C ON	PWR		36392:34:009F	03-121/19:24:36	1ECp
246	122 07:31:59	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: ON	AACS		36392:34:009F	03-121/19:24:36	1ESa
247	122 07:32:00	31			CC7GCP	GYRO C ON	PWR		36392:34:011F	03-121/19:24:36	1ECp

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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
248	122 07:32:00	31			CC7PC	(373) GYRO C ON	AACS		36392:34:013F	03-121/19:24:36	1ECa
249	122 07:32:00	31			CC7GBP	GYRO B ON	PWR		36392:34:014F	03-121/19:24:36	1ECp
250	122 07:32:00	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	36392:34:014F	03-121/19:24:36	1ESa	
251	122 07:32:00	31			CC7GBP	GYRO B ON	PWR		36392:34:016F	03-121/19:24:36	1ECp
252	122 07:32:00	31			CC7PC	(363) GYRO B ON	AACS		36392:34:018F	03-121/19:24:36	1ECa
253	122 07:32:28	31				DRIRU INITIALIZATION			36392:34:484F	03-121/19:25:04	1T
254	122 07:32:29	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		36392:34:502F	03-121/19:25:06	1ECa
255	122 07:32:58	31				SET CALIB			36392:35:184F	03-121/19:25:34	1T
256	122 07:32:59	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		36392:35:204F	03-121/19:25:36	1ECa
257	122 07:41:58	31				START GYRO FAULT TEST			36392:46:384F	03-121/19:34:34	1T
258	122 07:41:59	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		36392:46:402F	03-121/19:34:36	1ECa
259	122 07:42:00	31				END GYONBC31			36392:46:418F	03-121/19:34:36	1T
260	122 07:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9395					1DP
261	122 08:01:33	31	60 SET			15.4 DEGREE SET DSC-60					1V
262	122 08:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9396 (U/L PASS)					1DP
263	122 08:31:59	31				B- CCSTIMB			36393:49:001F	03-121/20:24:35	1TB
264	122 08:31:59	31				EXECUTE CCSTIMB FINE			36393:49:001F	03-121/20:24:35	1T
265	122 09:58:23	31				FWD/TRK 3			36395:37:001F	03-121/21:50:59	1T
266	122 09:58:23	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		36395:37:002F	03-121/21:50:59	1ECd

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 18 DOY 03-118/00:00 - 03-125/00:00

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
267	122 09:58:23	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2045	DTR		36395:37:002F	03-121/21:50:59	1ESd
268	122 11:04:00	32	40RISE			10.2 DEGREE RISE DSC-40					2V
269	122 11:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9396 (D/L ONLY)					1DP
270	122 11:15:00	31				CFG CODES					1DP
271	122 11:55:31	31	40RISE			10.2 DEGREE RISE DSC-40					1V
272	122 12:00:00	31	14	OPCH 14		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
273	122 12:00:00	31	14	OPCH 14		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
274	122 12:00:00	31				VGR-31 OWLT IS 12H 07M 23S					1L
275	122 12:00:00	32				VGR-32 OWLT IS 09H 40M 03S					2L
276	122 12:01:00	31	14	OPCH 14		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
277	122 12:02:00	31	14	OPCH 14		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD

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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
278	122 12:27:00	31	14	OPCH 14		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
279	122 12:30:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9396					1DP
280	122 15:10:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9396					1DP
281	122 15:54:57	31	10 SET			10.2 DEGREE SET DSC-10					1V
282	122 17:25:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-9412 (D/L ONLY)					2DP
283	122 17:25:00	32				CFG CODES					2DP
284	122 19:30:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-9412					2DP
285	122 20:49:52	31	60RISE			10.2 DEGREE RISE DSC-60					1V
286	122 20:57:03	31	40 SET			10.2 DEGREE SET DSC-40					1V
287	122 20:59:11	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		36409:23:002F	03-122/08:51:48	1ECd
288	122 20:59:11	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2045	DTR		36409:23:002F	03-122/08:51:48	1ESd
289	122 21:12:32	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36409:39:543F	03-122/09:05:08	1ECd
290	122 21:12:32	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1756	DTR		36409:39:543F	03-122/09:05:08	1ESd
291	122 22:20:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-9412 (D/L ONLY)					2DP
292	122 22:20:00	32				CFG CODES					2DP
293	122 23:56:36	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

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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
294	122 23:56:36	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
295	122 23:57:24	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
296	122 23:57:24	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
297	122 23:59:12	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		36413:08:002F	03-122/11:51:48	1ECd
298	122 23:59:12	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1756	DTR		36413:08:002F	03-122/11:51:48	1ESd
299	123 00:00:00	31				AHEL11 PWSREC 15			36413:09:001F	03-122/11:52:35	1T
300	123 00:00:00	31				B- PWSREC.31			36413:09:001F	03-122/11:52:35	1TB
301	123 00:00:00	31				BEGIN PWSREC.31			36413:09:001F	03-122/11:52:35	1T
302	123 00:00:00	31			SC32AJ	(10) PLS CONFIG CMD	FDS		36413:09:009F	03-122/11:52:36	1ECF
303	123 00:00:00	31				VGR-31 OWLT IS 12H 07M 24S					1L
304	123 00:00:00	32				VGR-32 OWLT IS 09H 40M 02S					2L
305	123 00:00:48	31				B- DRGS4B			36413:10:001F	03-122/11:53:23	1TB
306	123 00:00:48	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		36413:10:009F	03-122/11:53:24	1ECF
307	123 00:01:32	31				BEGIN RECORDING PWS DATA			36413:10:734F	03-122/11:54:07	1T
308	123 00:01:32	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		36413:10:735F	03-122/11:54:08	1ECd

INTEGRATED SEQUENCE FOR JST A047F JSX B119F WEEK 18 DOY 03-118/00:00 - 03-125/00:00

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	123 00:01:32	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:1756	DTR		36413:10:735F	03-122/11:54:08	1ESd
310	123 00:01:36	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	36413:11:001F	03-122/11:54:11	1ESf
311	123 00:01:36	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		36413:11:002F	03-122/11:54:12	1ECs
312	123 00:01:37	31				B- DRCRUS			36413:11:018F	03-122/11:54:12	1TB
313	123 00:01:37	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		36413:11:026F	03-122/11:54:13	1ECf
314	123 00:02:24	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	36413:12:001F	03-122/11:54:59	1ESf
315	123 00:02:24	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36413:12:002F	03-122/11:55:00	1ECd
316	123 00:02:24	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2049	DTR		36413:12:002F	03-122/11:55:00	1ESd
317	123 00:02:24	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		36413:12:002F	03-122/11:55:00	1ECs

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318	123 00:03:12	31			SC32AJ	(11) PLS CONFIG CMD	FDS		36413:13:009F	03-122/11:55:48	1ECf
319	123 00:03:13	31				END PWSREC.31			36413:13:018F	03-122/11:55:48	1T
320	123 02:05:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-9412					2DP
321	123 02:08:48	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		36415:50:002F	03-122/14:01:24	1ECd
322	123 02:08:48	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2055	DTR		36415:50:002F	03-122/14:01:24	1ESd
323	123 02:09:15	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36415:50:456F	03-122/14:01:51	1ECd
324	123 02:09:15	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2045	DTR		36415:50:456F	03-122/14:01:51	1ESd
325	123 03:11:12	32	40 SET			10.2 DEGREE SET DSC-40					2V
326	123 04:22:41	31	10RISE			10.2 DEGREE RISE DSC-10					1V
327	123 05:05:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9397 (D/L ONLY)					1DP
328	123 05:05:00	31				CFG CODES					1DP
329	123 05:08:48	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		36419:35:002F	03-122/17:01:24	1ECd
330	123 05:08:48	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2045	DTR		36419:35:002F	03-122/17:01:24	1ESd
331	123 07:57:32	31	60 SET			15.4 DEGREE SET DSC-60					1V
332	123 11:00:00	32	40RISE			10.2 DEGREE RISE DSC-40					2V
333	123 11:51:34	31	40RISE			10.2 DEGREE RISE DSC-40					1V
334	123 12:00:00	31				VGR-31 OWLT IS 12H 07M 24S					1L

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335	123 12:00:00	32				VGR-32 OWLT IS 09H 40M 00S					2L
336	123 12:41:52	31	25	OPCH 25		== START TLC TEST DOWN-LINK ==					1TD
337	123 13:00:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-9413 (D/L ONLY)					2DP
338	123 13:00:00	32				CFG CODES					2DP
339	123 13:42:52	31	25	OPCH 25		== END TLC TEST DOWN-LINK ==					1TD
340	123 15:05:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9397					1DP
341	123 15:51:00	31	10 SET			10.2 DEGREE SET DSC-10					1V
342	123 15:52:00	32			AC7SSB	(3 +004) SS BIAS CONTROL - PITCH	AACS		30291:07:003F	03-123/06:11:59	2ECa
343	123 20:45:54	31	60RISE			10.2 DEGREE RISE DSC-60					1V
344	123 20:53:04	31	40 SET			10.2 DEGREE SET DSC-40					1V
345	123 21:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9397 (D/L ONLY)					1DP
346	123 21:15:00	31				CFG CODES					1DP
347	124 00:00:00	31				VGR-31 OWLT IS 12H 07M 25S					1L
348	124 00:00:00	32				VGR-32 OWLT IS 09H 39M 59S					2L
349	124 01:05:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9397					1DP
350	124 02:30:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-9413					2DP
351	124 03:07:18	32	40 SET			10.2 DEGREE SET DSC-40					2V
352	124 04:18:43	31	10RISE			10.2 DEGREE RISE DSC-10					1V
353	124 07:35:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9398 (D/L ONLY)					1DP
354	124 07:35:00	31				CFG CODES					1DP



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355	124 07:53:33	31	60 SET			15.4 DEGREE SET DSC-60					1V
356	124 10:55:59	32	40RISE			10.2 DEGREE RISE DSC-40					2V
357	124 11:47:37	31	40RISE			10.2 DEGREE RISE DSC-40					1V
358	124 12:00:00	31				VGR-31 OWLT IS 12H 07M 26S					1L
359	124 12:00:00	32				VGR-32 OWLT IS 09H 39M 58S					2L
360	124 15:20:02	31			AC7SSB	(4 +152) SS BIAS CONTROL --- YAW	AACS		36462:19:003F	03-124/03:12:36	1ECa
361	124 15:35:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9398					1DP
362	124 15:47:03	31	10 SET			10.2 DEGREE SET DSC-10					1V
363	124 17:20:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-9414 (D/L ONLY)					2DP
364	124 17:20:00	32				CFG CODES					2DP
365	124 20:41:55	31	60RISE			10.2 DEGREE RISE DSC-60					1V
366	124 20:49:05	31	40 SET			10.2 DEGREE SET DSC-40					1V
367	124 21:20:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9398 (D/L ONLY)					1DP
368	124 21:20:00	31				CFG CODES					1DP
369	124 23:45:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-9414					2DP
370	125 00:00:00	31				VGR-31 OWLT IS 12H 07M 26S					1L
371	125 00:00:00	32				VGR-32 OWLT IS 09H 39M 57S					2L