



INTEGRATED FLIGHT SOE

WEEK 14

SEQUENCE ID A054/A055/B127 DATE OF RELEASE March 30, 2005

EXECUTION PERIOD 04/04/05 to 04/10/05 (05-094 to 05-100)

Distribution:
9/25/02
soe list (6)

OPSCHIEF 230-102
DSOT 230-102

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

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

INTEGRATED SEQUENCE FOR JST A054F JSX B127F WEEK 14 DOY 05-094/00:00 - 05-101/00:00

| 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 | 094 00:00:00 | 31 | | | | VGR-31 OWLT IS 13H 07M 21S | | | | | 1L |
| 2 | 094 00:00:00 | 32 | | | | VGR-32 OWLT IS 10H 33M 31S | | | | | 2L |
| 3 | 094 00:25:00 | 32 | 45 AOS | OPCH ACE | | AOS DSS-45 PASS-0116 (D/L ONLY) | | | | | 2DP |
| 4 | 094 00:25:00 | 32 | | | | CFG CODES | | | | | 2DP |
| 5 | 094 02:15:00 | 31 | 55 AOS | OPCH ACE | | AOS DSS-55 PASS-0100 (D/L ONLY) | | | | | 1DP |
| 6 | 094 02:15:00 | 31 | | | | CFG CODES | | | | | 1DP |
| 7 | 094 05:05:00 | 32 | 45 LOS | OPCH ACE | | LOS DSS-45 PASS-0116 | | | | | 2DP |
| 8 | 094 05:15:38 | 32 | 40 SET | | | 10.2 DEGREE SET DSC-40 | | | | | 2V |
| 9 | 094 06:18:01 | 31 | 10RISE | | | 10.2 DEGREE RISE DSC-10 | | | | | 1V |
| 10 | 094 06:45:00 | 31 | 55 LOS | OPCH ACE | | LOS DSS-55 PASS-0100 | | | | | 1DP |
| 11 | 094 07:00:00 | 31 | 14 AOS | OPCH ACE | | AOS DSS-14 PASS-0101 (D/L ONLY) | | | | | 1DP |
| 12 | 094 07:00:00 | 31 | | | | CFG CODES | | | | | 1DP |
| 13 | 094 09:53:13 | 31 | 60 SET | | | 15.2 DEGREE SET DSC-60 | | | | | 1V |
| 14 | 094 10:36:44 | 31 | | | AC7SSB | (4 +158) SS BIAS CONTROL --- YAW | AACS | | 57485:10:003F | 05-093/21:29:24 | 1ECa |
| 15 | 094 12:00:00 | 31 | | | | VGR-31 OWLT IS 13H 07M 20S | | | | | 1L |
| 16 | 094 12:00:00 | 32 | | | | VGR-32 OWLT IS 10H 33M 29S | | | | | 2L |
| 17 | 094 12:47:59 | 32 | 40RISE | | | 10.2 DEGREE RISE DSC-40 | | | | | 2V |
| 18 | 094 13:46:00 | 31 | 40RISE | | | 10.2 DEGREE RISE DSC-40 | | | | | 1V |
| 19 | 094 14:45:00 | 31 | 14 LOS | OPCH ACE | | LOS DSS-14 PASS-0101 | | | | | 1DP |
| 20 | 094 15:45:00 | 32 | 43 AOS | OPCH ACE | | AOS DSS-43 PASS-0117 (U/L PASS) XMTR ON PER TELECOM MESSAGE | | | | | 2DP |
| 21 | 094 17:45:32 | 31 | 10 SET | | | 10.2 DEGREE SET DSC-10 | | | | | 1V |

INTEGRATED SEQUENCE FOR JST A054F JSX B127F WEEK 14 DOY 05-094/00:00 - 05-101/00:00

| 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 | 094 21:45:00 | 32 | 43 LOS | OPCH ACE | | LOS DSS-43 PASS-0117 | | | | | 2DP |
| 23 | 094 22:41:19 | 31 | 60RISE | | | 10.2 DEGREE RISE DSC-60 | | | | | 1V |
| 24 | 094 22:48:30 | 31 | 40 SET | | | 10.2 DEGREE SET DSC-40 | | | | | 1V |
| 25 | 095 00:00:00 | 31 | | | | VGR-31 OWLT IS 13H 07M 20S | | | | | 1L |
| 26 | 095 00:00:00 | 32 | | | | VGR-32 OWLT IS 10H 33M 28S | | | | | 2L |
| 27 | 095 05:11:47 | 32 | 40 SET | | | 10.2 DEGREE SET DSC-40 | | | | | 2V |
| 28 | 095 06:14:04 | 31 | 10RISE | | | 10.2 DEGREE RISE DSC-10 | | | | | 1V |
| 29 | 095 06:50:00 | 31 | 15 AOS | OPCH ACE | | AOS DSS-15 PASS-0102 (D/L ONLY) | | | | | 1DP |
| 30 | 095 06:50:00 | 31 | | | | CFG CODES | | | | | 1DP |
| 31 | 095 09:49:14 | 31 | 60 SET | | | 15.2 DEGREE SET DSC-60 | | | | | 1V |
| 32 | 095 12:00:00 | 31 | | | | VGR-31 OWLT IS 13H 07M 19S | | | | | 1L |
| 33 | 095 12:00:00 | 32 | | | | VGR-32 OWLT IS 10H 33M 26S | | | | | 2L |
| 34 | 095 12:25:00 | 31 | 26 AOS | OPCH ACE | | AOS DSS-26 PASS-0102 (D/L ONLY) | | | | | 1DP |
| 35 | 095 12:25:00 | 31 | | | | CFG CODES | | | | | 1DP |
| 36 | 095 12:44:01 | 32 | 40RISE | | | 10.2 DEGREE RISE DSC-40 | | | | | 2V |
| 37 | 095 12:45:00 | 31 | 15 LOS | OPCH ACE | | LOS DSS-15 PASS-0102 | | | | | 1DP |
| 38 | 095 12:55:00 | 32 | 45 AOS | OPCH ACE | | AOS DSS-45 PASS-0118 (D/L ONLY) | | | | | 2DP |
| 39 | 095 12:55:00 | 32 | | | | CFG CODES | | | | | 2DP |
| 40 | 095 13:42:05 | 31 | 40RISE | | | 10.2 DEGREE RISE DSC-40 | | | | | 1V |
| 41 | 095 14:45:00 | 31 | 26 LOS | OPCH ACE | | LOS DSS-26 PASS-0102 | | | | | 1DP |
| 42 | 095 17:15:00 | 32 | 45 LOS | OPCH ACE | | LOS DSS-45 PASS-0118 | | | | | 2DP |
| 43 | 095 17:41:36 | 31 | 10 SET | | | 10.2 DEGREE SET DSC-10 | | | | | 1V |

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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 |
|---------|-------------------------|-------|-----|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 55 | 095 18:14:13 | 32 | | | CC3A | (41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ | MDS | | 51382:58:002F | 05-095/07:40:47 | 2ECs |
| 56 | 095 18:14:14 | 32 | | | | B- DRCRUS | | | 51382:58:018F | 05-095/07:40:48 | 2TB |
| 57 | 095 18:14:14 | 32 | | | SC06BB | (53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY | FDS | | 51382:58:025F | 05-095/07:40:49 | 2ECf |
| 58 | 095 18:15:01 | 32 | | ACE | OPCH | FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11 | FDS | CR-5T | 51382:59:001F | 05-095/07:41:35 | 2ESf |
| 59 | 095 18:15:01 | 32 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 51382:59:001F | 05-095/07:41:35 | 2ECd |
| 60 | 095 18:15:01 | 32 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:3229 | DTR | | 51382:59:001F | 05-095/07:41:35 | 2ESd |
| 61 | 095 18:15:01 | 32 | | | CC3A | (32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ | MDS | | 51382:59:002F | 05-095/07:41:35 | 2ECs |
| 62 | 095 18:15:02 | 32 | | | | END PWSREC | | | 51382:59:018F | 05-095/07:41:36 | 2T |
| 63 | 095 19:20:31 | 31 | | ACE | OPCH | >>>>>>> 5 MIN WARNING <<<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 64 | 095 19:20:31 | 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 |
| 65 | 095 19:21:19 | 31 | | ACE | OPCH | >>>>>>> 5 MIN WARNING <<<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |

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|---------|----------------------------|-------|-----|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 66 | 095 19:21:19 | 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 |
| 67 | 095 19:23:55 | 31 | | | | BEGIN PWSREC.31 | | | 57526:09:001F | 05-095/06:16:35 | 1T |
| 68 | 095 19:23:55 | 31 | | | SC32AJ | (10) PLS CONFIG CMD | FDS | | 57526:09:010F | 05-095/06:16:36 | 1ECF |
| 69 | 095 19:24:43 | 31 | | | | B- DRGS4B | | | 57526:10:001F | 05-095/06:17:23 | 1TB |
| 70 | 095 19:24:43 | 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 | | 57526:10:009F | 05-095/06:17:24 | 1ECF |
| 71 | 095 19:25:27 | 31 | | | | BEGIN RECORDING PWS DATA | | | 57526:10:734F | 05-095/06:18:07 | 1T |
| 72 | 095 19:25:27 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 57526:10:735F | 05-095/06:18:08 | 1ECd |
| 73 | 095 19:25:27 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:0549 | DTR | | 57526:10:735F | 05-095/06:18:08 | 1ESd |
| 74 | 095 19:25:31 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE -----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 57526:11:001F | 05-095/06:18:11 | 1ESf |
| 75 | 095 19:25:31 | 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 | | 57526:11:002F | 05-095/06:18:12 | 1ECs |
| 76 | 095 19:25:32 | 31 | | | | B- DRCRUS | | | 57526:11:018F | 05-095/06:18:12 | 1TB |

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|---------|-------------------------|-------|-----|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 77 | 095 19:25:32 | 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 | | 57526:11:026F | 05-095/06:18:13 | 1ECf |
| 78 | 095 19:26:19 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 57526:12:001F | 05-095/06:18:59 | 1ESf |
| 79 | 095 19:26:19 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 57526:12:002F | 05-095/06:19:00 | 1ECd |
| 80 | 095 19:26:19 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:0842 | DTR | | 57526:12:002F | 05-095/06:19:00 | 1ESd |
| 81 | 095 19:26:19 | 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 | | 57526:12:002F | 05-095/06:19:00 | 1ECs |
| 82 | 095 19:27:07 | 31 | | | SC32AJ | (13) PLS CONFIG CMD | FDS | | 57526:13:010F | 05-095/06:19:48 | 1ECf |
| 83 | 095 19:27:08 | 31 | | | | END PWSREC.31 | | | 57526:13:018F | 05-095/06:19:48 | 1T |
| 84 | 095 19:39:37 | 32 | | ACE OPCH | | >>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 2ESf |
| 85 | 095 19:39:37 | 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 |
| 86 | 095 19:39:49 | 32 | | | | BEGIN PMPCALLR | | | 51384:45:001F | 05-095/09:06:23 | 2T |
| 87 | 095 19:43:49 | 32 | | | | B- DR5T | | | 51384:50:001F | 05-095/09:10:23 | 2TB |
| 88 | 095 19:43:49 | 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 | | 51384:50:009F | 05-095/09:10:24 | 2ECf |

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|---------|-------------------------|-------|--------|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 89 | 095 19:44:37 | 32 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11 | FDS | CR-5T | 51384:51:001F | 05-095/09:11:11 | 2ESf |
| 90 | 095 19:44:37 | 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 | | 51384:51:001F | 05-095/09:11:11 | 2ECs |
| 91 | 095 19:45:00 | 32 | 45 AOS | OPCH ACE | | AOS DSS-45 PASS-0118 (D/L ONLY) | | | | | 2DP |
| 92 | 095 19:45:00 | 32 | | | | CFG CODES | | | | | 2DP |
| 93 | 095 19:51:01 | 32 | | | SC06BY | (7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED | FDS | | 51384:59:009F | 05-095/09:17:36 | 2ECf |
| 94 | 095 19:51:49 | 32 | | | | BEGIN PLS/MAG/PESCAL | | | 51385:00:001F | 05-095/09:18:23 | 2T |
| 95 | 095 21:34:13 | 32 | | | | END PLSCAL | | | 51387:08:001F | 05-095/11:00:47 | 2T |
| 96 | 095 22:37:21 | 31 | 60RISE | | | 10.2 DEGREE RISE DSC-60 | | | | | 1V |
| 97 | 095 22:44:32 | 31 | 40 SET | | | 10.2 DEGREE SET DSC-40 | | | | | 1V |
| 98 | 095 22:54:13 | 32 | | | | END MAGCAL | | | 51388:48:001F | 05-095/12:20:47 | 2T |
| 99 | 095 23:07:37 | 32 | | ACE OPCH | | >>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 2ESf |
| 100 | 095 23:07:37 | 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 |
| 101 | 095 23:10:00 | 31 | 63 AOS | OPCH ACE | | AOS DSS-63 PASS-0102 (U/L PASS) | | | | | 1DP |
| 102 | 095 23:11:49 | 32 | | | | END PESCAL | | | 51389:10:001F | 05-095/12:38:23 | 2T |
| 103 | 095 23:11:49 | 32 | | | | B- DRCRUS | | | 51389:10:001F | 05-095/12:38:23 | 2TB |

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|---------|-------------------------|-------|--------|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 104 | 095 23:11:49 | 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 | | 51389:10:009F | 05-095/12:38:24 | 2ECf |
| 105 | 095 23:12:37 | 32 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11 | FDS | CR-5T | 51389:11:001F | 05-095/12:39:11 | 2ESf |
| 106 | 095 23:12:37 | 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 | | 51389:11:002F | 05-095/12:39:11 | 2ECs |
| 107 | 095 23:12:38 | 32 | | | | END PMPCALLR | | | 51389:11:018F | 05-095/12:39:12 | 2T |
| 108 | 096 00:00:00 | 31 | | | | VGR-31 OWLT IS 13H 07M 18S | | | | | 1L |
| 109 | 096 00:00:00 | 32 | | | | VGR-32 OWLT IS 10H 33M 25S | | | | | 2L |
| 110 | 096 02:25:00 | 32 | 45 LOS | OPCH ACE | | LOS DSS-45 PASS-0118 | | | | | 2DP |
| 111 | 096 03:15:00 | 31 | 63 | OPCH 63 | | == START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS == | | | | | 1TD |
| 112 | 096 03:15:00 | 31 | 63 | OPCH 63 | | == TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL) | | | | | 1TD |
| 113 | 096 03:16:00 | 31 | 63 | OPCH 63 | | == TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN | | | | | 1TD |

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|---------|----------------------------|-------|--------|------------------|---------|--|--------------|------------|-----------|----------|--------------|
| 114 | 096 03:17:00 | 31 | 63 | OPCH 63 | | == TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) == | | | | | 1TD |
| 115 | 096 03:42:00 | 31 | 63 | OPCH 63 | | == END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND) | | | | | 1TD |
| 116 | 096 05:00:00 | 31 | 63 LOS | OPCH ACE | | LOS DSS-63 PASS-0102 | | | | | 1DP |
| 117 | 096 05:07:55 | 32 | 40 SET | | | 10.2 DEGREE SET DSC-40 | | | | | 2V |
| 118 | 096 06:10:06 | 31 | 10RISE | | | 10.2 DEGREE RISE DSC-10 | | | | | 1V |
| 119 | 096 07:50:00 | 31 | 14 AOS | OPCH ACE | | AOS DSS-14 PASS-0103 (D/L ONLY) | | | | | 1DP |
| 120 | 096 07:50:00 | 31 | | | | CFG CODES | | | | | 1DP |
| 121 | 096 09:45:15 | 31 | 60 SET | | | 15.2 DEGREE SET DSC-60 | | | | | 1V |
| 122 | 096 12:00:00 | 31 | | | | VGR-31 OWLT IS 13H 07M 18S | | | | | 1L |
| 123 | 096 12:00:00 | 32 | | | | VGR-32 OWLT IS 10H 33M 23S | | | | | 2L |
| 124 | 096 12:40:03 | 32 | 40RISE | | | 10.2 DEGREE RISE DSC-40 | | | | | 2V |
| 125 | 096 13:05:00 | 31 | 14 LOS | OPCH ACE | | LOS DSS-14 PASS-0103 | | | | | 1DP |
| 126 | 096 13:38:09 | 31 | 40RISE | | | 10.2 DEGREE RISE DSC-40 | | | | | 1V |
| 127 | 096 15:20:00 | 32 | 45 AOS | OPCH ACE | | AOS DSS-45 PASS-0119 (D/L ONLY) | | | | | 2DP |
| 128 | 096 15:20:00 | 32 | | | | CFG CODES | | | | | 2DP |
| 129 | 096 17:37:40 | 31 | 10 SET | | | 10.2 DEGREE SET DSC-10 | | | | | 1V |
| 130 | 096 20:00:00 | 32 | 45 LOS | OPCH ACE | | LOS DSS-45 PASS-0119 | | | | | 2DP |
| 131 | 096 22:20:00 | 31 | 63 AOS | OPCH ACE | | AOS DSS-63 PASS-0103 (D/L ONLY) | | | | | 1DP |

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|---------|-------------------------|-------|--------|---------------|---------|---------------------------------|-----------|---------|-----------|----------|-----------|
| 132 | 096 22:20:00 | 31 | | | | CFG CODES | | | | | 1DP |
| 133 | 096 22:33:23 | 31 | 60RISE | | | 10.2 DEGREE RISE DSC-60 | | | | | 1V |
| 134 | 096 22:40:34 | 31 | 40 SET | | | 10.2 DEGREE SET DSC-40 | | | | | 1V |
| 135 | 097 00:00:00 | 31 | | | | VGR-31 OWLT IS 13H 07M 17S | | | | | 1L |
| 136 | 097 00:00:00 | 32 | | | | VGR-32 OWLT IS 10H 33M 22S | | | | | 2L |
| 137 | 097 05:04:04 | 32 | 40 SET | | | 10.2 DEGREE SET DSC-40 | | | | | 2V |
| 138 | 097 05:56:41 | 31 | 63 | OPCH | 63 | == START TLC TEST DOWN-LINK == | | | | | 1TD |
| 139 | 097 06:06:08 | 31 | 10RISE | | | 10.2 DEGREE RISE DSC-10 | | | | | 1V |
| 140 | 097 06:45:00 | 31 | 15 AOS | OPCH | ACE | AOS DSS-15 PASS-0104 (D/L ONLY) | | | | | 1DP |
| 141 | 097 06:45:00 | 31 | | | | CFG CODES | | | | | 1DP |
| 142 | 097 06:57:41 | 31 | 63 | OPCH | 63 | == END TLC TEST DOWN-LINK == | | | | | 1TD |
| 143 | 097 07:00:00 | 31 | 63 LOS | OPCH | ACE | LOS DSS-63 PASS-0103 | | | | | 1DP |
| 144 | 097 09:41:18 | 31 | 60 SET | | | 15.2 DEGREE SET DSC-60 | | | | | 1V |
| 145 | 097 12:00:00 | 31 | | | | VGR-31 OWLT IS 13H 07M 17S | | | | | 1L |
| 146 | 097 12:00:00 | 32 | | | | VGR-32 OWLT IS 10H 33M 20S | | | | | 2L |
| 147 | 097 12:36:05 | 32 | 40RISE | | | 10.2 DEGREE RISE DSC-40 | | | | | 2V |
| 148 | 097 13:34:13 | 31 | 40RISE | | | 10.2 DEGREE RISE DSC-40 | | | | | 1V |
| 149 | 097 14:45:00 | 31 | 15 LOS | OPCH | ACE | LOS DSS-15 PASS-0104 | | | | | 1DP |
| 150 | 097 15:30:00 | 32 | 45 AOS | OPCH | ACE | AOS DSS-45 PASS-0120 (D/L ONLY) | | | | | 2DP |
| 151 | 097 15:30:00 | 32 | | | | CFG CODES | | | | | 2DP |

INTEGRATED SEQUENCE FOR JST A054F JSX B127F WEEK 14 DOY 05-094/00:00 - 05-101/00:00

| ITEM NO | TRM-OR-ERT DOY-HH:MM:SS | SC ID | DSN | ACTION BY>>TO | COMMAND | EVENT-DESCRIPTION | S/C SBSYS | TLM FMT | FDS-COUNT | SCE-TIME | SORT CODE |
|---------|-------------------------|-------|-----|---------------|----------|----------------------------------|-----------|---------|---------------|-----------------|-----------|
| 152 | 097 17:33:44 | 31 | 10 | SET | | 10.2 DEGREE SET DSC-10 | | | | | 1V |
| 153 | 097 22:15:00 | 31 | 63 | AOS | OPCH ACE | AOS DSS-63 PASS-0104 (D/L ONLY) | | | | | 1DP |
| 154 | 097 22:15:00 | 31 | | | | CFG CODES | | | | | 1DP |
| 155 | 097 22:29:25 | 31 | 60 | RISE | | 10.2 DEGREE RISE DSC-60 | | | | | 1V |
| 156 | 097 22:36:36 | 31 | 40 | SET | | 10.2 DEGREE SET DSC-40 | | | | | 1V |
| 157 | 097 23:37:19 | 32 | | | AC7SSB | (3 +008) SS BIAS CONTROL - PITCH | AACS | | 51449:42:002F | 05-097/13:03:59 | 2ECa |
| 158 | 098 00:00:00 | 31 | | | | VGR-31 OWLT IS 13H 07M 16S | | | | | 1L |
| 159 | 098 00:00:00 | 32 | | | | VGR-32 OWLT IS 10H 33M 18S | | | | | 2L |
| 160 | 098 00:30:00 | 32 | 45 | LOS | OPCH ACE | LOS DSS-45 PASS-0120 | | | | | 2DP |
| 161 | 098 01:50:00 | 31 | 63 | LOS | OPCH ACE | LOS DSS-63 PASS-0104 | | | | | 1DP |
| 162 | 098 02:00:00 | 31 | 54 | AOS | OPCH ACE | AOS DSS-54 PASS-0104 (D/L ONLY) | | | | | 1DP |
| 163 | 098 02:00:00 | 31 | | | | CFG CODES | | | | | 1DP |
| 164 | 098 05:00:12 | 32 | 40 | SET | | 10.2 DEGREE SET DSC-40 | | | | | 2V |
| 165 | 098 06:02:10 | 31 | 10 | RISE | | 10.2 DEGREE RISE DSC-10 | | | | | 1V |
| 166 | 098 06:35:00 | 31 | 54 | LOS | OPCH ACE | LOS DSS-54 PASS-0104 | | | | | 1DP |
| 167 | 098 07:40:00 | 31 | 25 | AOS | OPCH ACE | AOS DSS-25 PASS-0105 (D/L ONLY) | | | | | 1DP |
| 168 | 098 07:40:00 | 31 | | | | CFG CODES | | | | | 1DP |
| 169 | 098 09:37:19 | 31 | 60 | SET | | 15.2 DEGREE SET DSC-60 | | | | | 1V |
| 170 | 098 12:00:00 | 31 | | | | VGR-31 OWLT IS 13H 07M 16S | | | | | 1L |
| 171 | 098 12:00:00 | 32 | | | | VGR-32 OWLT IS 10H 33M 17S | | | | | 2L |
| 172 | 098 12:32:07 | 32 | 40 | RISE | | 10.2 DEGREE RISE DSC-40 | | | | | 2V |
| 173 | 098 13:30:17 | 31 | 40 | RISE | | 10.2 DEGREE RISE DSC-40 | | | | | 1V |

| ITEM NO | TRM-OR-ERT DOY-HH:MM:SS | SC ID | DSN | ACTION BY>>TO | COMMAND | EVENT-DESCRIPTION | S/C SBSYS | TLM FMT | FDS-COUNT | SCE-TIME | SORT CODE |
|---------|-------------------------|-------|--------|---------------|---------|--|-----------|---------|---------------|-----------------|-----------|
| 174 | 098 15:50:00 | 31 | 25 LOS | OPCH ACE | | LOS DSS-25 PASS-0105 | | | | | 1DP |
| 175 | 098 17:25:00 | 32 | 45 AOS | OPCH ACE | | AOS DSS-45 PASS-0121 (D/L ONLY) | | | | | 2DP |
| 176 | 098 17:25:00 | 32 | | | | CFG CODES | | | | | 2DP |
| 177 | 098 17:29:48 | 31 | 10 SET | | | 10.2 DEGREE SET DSC-10 | | | | | 1V |
| 178 | 098 22:23:04 | 31 | | | CC16C | (2221) DTR STATE SELECT: SLEW | DTR | | 57619:53:002F | 05-098/09:15:48 | 1ECd |
| 179 | 098 22:23:04 | 31 | | | | DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:0848 | DTR | | 57619:53:002F | 05-098/09:15:48 | 1ESd |
| 180 | 098 22:25:00 | 31 | 63 AOS | OPCH ACE | | AOS DSS-63 PASS-0105 (D/L ONLY) | | | | | 1DP |
| 181 | 098 22:25:00 | 31 | | | | CFG CODES | | | | | 1DP |
| 182 | 098 22:25:27 | 31 | 60RISE | | | 10.2 DEGREE RISE DSC-60 | | | | | 1V |
| 183 | 098 22:32:38 | 31 | 40 SET | | | 10.2 DEGREE SET DSC-40 | | | | | 1V |
| 184 | 098 22:36:23 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 57620:09:525F | 05-098/09:29:07 | 1ECd |
| 185 | 098 22:36:23 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0560 | DTR | | 57620:09:525F | 05-098/09:29:07 | 1ESd |
| 186 | 099 00:00:00 | 31 | | | | VGR-31 OWLT IS 13H 07M 16S | | | | | 1L |
| 187 | 099 00:00:00 | 32 | | | | VGR-32 OWLT IS 10H 33M 15S | | | | | 2L |
| 188 | 099 00:55:00 | 32 | 45 LOS | OPCH ACE | | LOS DSS-45 PASS-0121 | | | | | 2DP |
| 189 | 099 01:20:27 | 31 | | ACE OPCH | | >>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |

INTEGRATED SEQUENCE FOR JST A054F JSX B127F WEEK 14 DOY 05-094/00:00 - 05-101/00:00

| 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 |
|---------|----------------------------|-------|-----|------------------|---------|---|--------------|------------|---------------|-----------------|-----------|
| 190 | 099 01:20:27 | 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 |
| 191 | 099 01:21:15 | 31 | | ACE OPCH | | >>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESF |
| 192 | 099 01:21:15 | 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 |
| 193 | 099 01:23:03 | 31 | | | CC16C | (7017) DTR STATE SELECT: READY | DTR | | 57623:38:002F | 05-098/12:15:48 | 1ECd |
| 194 | 099 01:23:03 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:0560 | DTR | | 57623:38:002F | 05-098/12:15:48 | 1ESd |
| 195 | 099 01:23:51 | 31 | | | SC32AJ | (10) PLS CONFIG CMD | FDS | | 57623:39:009F | 05-098/12:16:36 | 1ECf |
| 196 | 099 01:24:39 | 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 | | 57623:40:009F | 05-098/12:17:24 | 1ECf |
| 197 | 099 01:25:23 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 57623:40:735F | 05-098/12:18:08 | 1ECd |
| 198 | 099 01:25:23 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:0560 | DTR | | 57623:40:735F | 05-098/12:18:08 | 1ESd |
| 199 | 099 01:25:27 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 57623:41:001F | 05-098/12:18:11 | 1ESF |

INTEGRATED SEQUENCE FOR JST A054F JSX B127F WEEK 14 DOY 05-094/00:00 - 05-101/00:00

| 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 | 099 01:25:27 | 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 | | 57623:41:002F | 05-098/12:18:12 | 1ECs |
| 201 | 099 01:25:28 | 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 | | 57623:41:026F | 05-098/12:18:13 | 1ECf |
| 202 | 099 01:26:15 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 57623:42:001F | 05-098/12:18:59 | 1ESf |
| 203 | 099 01:26:15 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 57623:42:002F | 05-098/12:19:00 | 1ECd |
| 204 | 099 01:26:15 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:0853 | DTR | | 57623:42:002F | 05-098/12:19:00 | 1ESd |
| 205 | 099 01:26:15 | 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 | | 57623:42:002F | 05-098/12:19:00 | 1ECs |
| 206 | 099 01:27:03 | 31 | | | SC32AJ | (13) PLS CONFIG CMD | FDS | | 57623:43:009F | 05-098/12:19:48 | 1ECf |
| 207 | 099 01:45:00 | 31 | 63 LOS | OPCH ACE | | LOS DSS-63 PASS-0105 | | | | | 1DP |
| 208 | 099 01:55:00 | 31 | 54 AOS | OPCH ACE | | AOS DSS-54 PASS-0105 (D/L ONLY) | | | | | 1DP |
| 209 | 099 01:55:00 | 31 | | | | CFG CODES | | | | | 1DP |
| 210 | 099 03:32:39 | 31 | | | CC16C | (2221) DTR STATE SELECT: SLEW | DTR | | 57626:20:002F | 05-098/14:25:24 | 1ECd |
| 211 | 099 03:32:39 | 31 | | | | DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:0859 | DTR | | 57626:20:002F | 05-098/14:25:24 | 1ESd |

INTEGRATED SEQUENCE FOR JST A054F JSX B127F WEEK 14 DOY 05-094/00:00 - 05-101/00:00

| 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 |
|---------|-------------------------|-------|-----|---------------|----------|--|-----------|---------|---------------|-----------------|-----------|
| 212 | 099 03:33:09 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 57626:20:501F | 05-098/14:25:53 | 1ECd |
| 213 | 099 03:33:09 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0848 | DTR | | 57626:20:501F | 05-098/14:25:53 | 1ESd |
| 214 | 099 04:56:20 | 32 | 40 | SET | | 10.2 DEGREE SET DSC-40 | | | | | 2V |
| 215 | 099 05:58:12 | 31 | 10 | RISE | | 10.2 DEGREE RISE DSC-10 | | | | | 1V |
| 216 | 099 06:30:00 | 31 | 54 | LOS | OPCH ACE | LOS DSS-54 PASS-0105 | | | | | 1DP |
| 217 | 099 06:32:39 | 31 | | | CC16C | (7013) DTR STATE SELECT: READY | DTR | | 57630:05:002F | 05-098/17:25:24 | 1ECd |
| 218 | 099 06:32:39 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:0848 | DTR | | 57630:05:002F | 05-098/17:25:24 | 1ESd |
| 219 | 099 07:35:00 | 31 | 25 | AOS | OPCH ACE | AOS DSS-25 PASS-0106 (D/L ONLY) | | | | | 1DP |
| 220 | 099 07:35:00 | 31 | | | | CFG CODES | | | | | 1DP |
| 221 | 099 09:33:20 | 31 | 60 | SET | | 15.2 DEGREE SET DSC-60 | | | | | 1V |
| 222 | 099 10:55:51 | 31 | | | AC7SSB | (4 +157) SS BIAS CONTROL --- YAW | AACS | | 57635:34:003F | 05-098/21:48:36 | 1ECa |
| 223 | 099 12:00:00 | 31 | | | | VGR-31 OWLT IS 13H 07M 15S | | | | | 1L |
| 224 | 099 12:00:00 | 32 | | | | VGR-32 OWLT IS 10H 33M 14S | | | | | 2L |
| 225 | 099 12:28:08 | 32 | 40 | RISE | | 10.2 DEGREE RISE DSC-40 | | | | | 2V |
| 226 | 099 13:26:21 | 31 | 40 | RISE | | 10.2 DEGREE RISE DSC-40 | | | | | 1V |
| 227 | 099 15:25:00 | 32 | 43 | AOS | OPCH ACE | AOS DSS-43 PASS-0122 (D/L ONLY) | | | | | 2DP |
| 228 | 099 15:25:00 | 32 | | | | CFG CODES | | | | | 2DP |
| 229 | 099 16:00:00 | 31 | 25 | LOS | OPCH ACE | LOS DSS-25 PASS-0106 | | | | | 1DP |

INTEGRATED SEQUENCE FOR JST A054F JSX B127F WEEK 14 DOY 05-094/00:00 - 05-101/00:00

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|---------------------------------|-----------|---------|-----------|----------|-----------|
| 230 | 099 17:25:52 | 31 | 10 SET | | | 10.2 DEGREE SET DSC-10 | | | | | 1V |
| 231 | 099 17:45:00 | 32 | 43 LOS | OPCH ACE | | LOS DSS-43 PASS-0122 | | | | | 2DP |
| 232 | 099 22:10:00 | 31 | 63 AOS | OPCH ACE | | AOS DSS-63 PASS-0106 (D/L ONLY) | | | | | 1DP |
| 233 | 099 22:10:00 | 31 | | | | CFG CODES | | | | | 1DP |
| 234 | 099 22:21:29 | 31 | 60RISE | | | 10.2 DEGREE RISE DSC-60 | | | | | 1V |
| 235 | 099 22:28:39 | 31 | 40 SET | | | 10.2 DEGREE SET DSC-40 | | | | | 1V |
| 236 | 100 00:00:00 | 31 | | | | VGR-31 OWLT IS 13H 07M 15S | | | | | 1L |
| 237 | 100 00:00:00 | 32 | | | | VGR-32 OWLT IS 10H 33M 12S | | | | | 2L |
| 238 | 100 00:30:00 | 32 | 45 AOS | OPCH ACE | | AOS DSS-45 PASS-0122 (D/L ONLY) | | | | | 2DP |
| 239 | 100 00:30:00 | 32 | | | | CFG CODES | | | | | 2DP |
| 240 | 100 01:45:00 | 31 | 63 LOS | OPCH ACE | | LOS DSS-63 PASS-0106 | | | | | 1DP |
| 241 | 100 01:50:00 | 31 | 54 AOS | OPCH ACE | | AOS DSS-54 PASS-0106 (D/L ONLY) | | | | | 1DP |
| 242 | 100 01:50:00 | 31 | | | | CFG CODES | | | | | 1DP |
| 243 | 100 04:30:00 | 32 | 45 LOS | OPCH ACE | | LOS DSS-45 PASS-0122 | | | | | 2DP |
| 244 | 100 04:52:29 | 32 | 40 SET | | | 10.2 DEGREE SET DSC-40 | | | | | 2V |
| 245 | 100 05:54:14 | 31 | 10RISE | | | 10.2 DEGREE RISE DSC-10 | | | | | 1V |
| 246 | 100 06:25:00 | 31 | 54 LOS | OPCH ACE | | LOS DSS-54 PASS-0106 | | | | | 1DP |
| 247 | 100 07:30:00 | 31 | 25 AOS | OPCH ACE | | AOS DSS-25 PASS-0107 (D/L ONLY) | | | | | 1DP |
| 248 | 100 07:30:00 | 31 | | | | CFG CODES | | | | | 1DP |
| 249 | 100 09:29:21 | 31 | 60 SET | | | 15.2 DEGREE SET DSC-60 | | | | | 1V |
| 250 | 100 12:00:00 | 31 | | | | VGR-31 OWLT IS 13H 07M 14S | | | | | 1L |

INTEGRATED SEQUENCE FOR JST A054F JSX B127F WEEK 14 DOY 05-094/00:00 - 05-101/00:00

| 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 |
|---------|----------------------------|-------|--------|------------------|---------|---------------------------------|--------------|------------|-----------|----------|--------------|
| 251 | 100 12:00:00 | 32 | | | | VGR-32 OWLT IS 10H 33M 11S | | | | | 2L |
| 252 | 100 12:24:10 | 32 | 40RISE | | | 10.2 DEGREE RISE DSC-40 | | | | | 2V |
| 253 | 100 13:22:25 | 31 | 40RISE | | | 10.2 DEGREE RISE DSC-40 | | | | | 1V |
| 254 | 100 15:45:00 | 31 | 25 LOS | OPCH ACE | | LOS DSS-25 PASS-0107 | | | | | 1DP |
| 255 | 100 16:45:00 | 32 | 45 AOS | OPCH ACE | | AOS DSS-45 PASS-0123 (D/L ONLY) | | | | | 2DP |
| 256 | 100 16:45:00 | 32 | | | | CFG CODES | | | | | 2DP |
| 257 | 100 17:21:56 | 31 | 10 SET | | | 10.2 DEGREE SET DSC-10 | | | | | 1V |
| 258 | 100 19:25:00 | 32 | 45 LOS | OPCH ACE | | LOS DSS-45 PASS-0123 | | | | | 2DP |
| 259 | 100 22:17:31 | 31 | 60RISE | | | 10.2 DEGREE RISE DSC-60 | | | | | 1V |
| 260 | 100 22:24:41 | 31 | 40 SET | | | 10.2 DEGREE SET DSC-40 | | | | | 1V |
| 261 | 101 00:00:00 | 31 | | | | VGR-31 OWLT IS 13H 07M 14S | | | | | 1L |
| 262 | 101 00:00:00 | 32 | | | | VGR-32 OWLT IS 10H 33M 09S | | | | | 2L |