

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 | 190 20:22:46 | 31 | | | | INITIAL SPACECRAFT STATUS | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 2 | 190 20:22:46 | 31 | | | | RADIO STATUS | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 3 | 190 20:22:46 | 31 | | | DC2AR | S-BAND RANGING OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 4 | 190 20:22:46 | 31 | | | DC2DR | S-BAND LO PWR | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 5 | 190 20:22:46 | 31 | | | DC2HR | X-BAND LO PWR | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 6 | 190 20:22:46 | 31 | | | DC2N | X-BAND RANGING ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 7 | 190 20:22:46 | 31 | | | DC2P | 2 WAY NON-COHERENT ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 8 | 190 20:22:46 | 31 | | | DC2QR | USO OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 9 | 190 20:22:46 | 31 | | | CC2BRP | S-BAND EXC-2 SEL | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 10 | 190 20:22:46 | 31 | | | CC2CRP | S-BAND TRANS-2 SEL | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 11 | 190 20:22:46 | 31 | | | CC2FP | RCVR-1 SEL | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 12 | 190 20:22:46 | 31 | | | CC2JP | X-BAND EXC-1 SEL | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 13 | 190 20:22:46 | 31 | | | CC2GP | X-BAND ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 14 | 190 20:22:46 | 31 | | | CC2KRP | S-BAND OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 15 | 190 20:22:46 | 31 | | | CC2LP | X-BAND TWTA-1 SEL | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 16 | 190 20:22:46 | 31 | | | CC2MP | S-BAND EXC ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 17 | 190 20:22:46 | 31 | | | DC2E | HGA SELECT | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 18 | 190 20:22:46 | 31 | | | CC1T | BAY 1 HTR ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 19 | 190 20:22:46 | 31 | | | | MDS STATUS | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 20 | 190 20:22:46 | 31 | | | CC3BP | TMU ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 21 | 190 20:22:46 | 31 | | | CC3GP | TMU-A SEL | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 22 | 190 20:22:46 | 31 | | | CC3HP | CDU-A SEL | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 23 | 190 20:22:46 | 31 | | | CC3A | 32310 X-BAND | | | 16549:44:785F | 01-190/09:09:23 | 1TI |

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|---------|-------------------------|-------|-----|---------------|---------|-------------------------|-----------|---------|---------------|-----------------|-----------|
| 24 | 190 20:22:46 | 31 | | | CC3A | 28301 S-BAND | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 25 | 190 20:22:46 | 31 | | | | POWER STATUS | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 26 | 190 20:22:46 | 31 | | | CC4A | UNDERVOLTAGE TRIP RESET | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 27 | 190 20:22:46 | 31 | | | CC4K | RTG-1 DIODE BYPASS ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 28 | 190 20:22:46 | 31 | | | CC4L | RTG-2 DIODE BYPASS ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 29 | 190 20:22:46 | 31 | | | CC4M | RTG-3 DIODE BYPASS ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 30 | 190 20:22:46 | 31 | | | | CCS STATUS | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 31 | 190 20:22:46 | 31 | | | DC5AR | CCS TOL DET ENABLE | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 32 | 190 20:22:46 | 31 | | | | FDS STATUS | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 33 | 190 20:22:46 | 31 | | | CC6CP | FDS ON/ISS PWR ENABLE | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 34 | 190 20:22:46 | 31 | | | CC6AA | 1 SVC-W1 | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 35 | 190 20:22:46 | 31 | | | CC6AD | 3200 SVC-W4 | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 36 | 190 20:22:46 | 31 | | | CC6AE | 30011 SVC-W5 | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 37 | 190 20:22:46 | 31 | | | CC6AP | FDS PWR CONV A SEL | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 38 | 190 20:22:46 | 31 | | | CC6AB | 01010 SVC-W2 | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 39 | 190 20:22:46 | 31 | | | SC06BB | 530070 FDS DATA MODE | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 40 | 190 20:22:46 | 31 | | | | AACS STATUS | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 41 | 190 20:22:46 | 31 | | | AC7PCG | 14 HYBIC 2 PWR ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 42 | 190 20:22:46 | 31 | | | CC7ML | 05 CST ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 43 | 190 20:22:46 | 31 | | | AC7CTG | 10 394 CST HI GATE | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 44 | 190 20:22:46 | 31 | | | AC7CTG | 11 442 CST LO GATE | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 45 | 190 20:22:46 | 31 | | | AC7GYP | 111 GYRO PATTERN | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 46 | 190 20:22:46 | 31 | | | AC7PCG | 52 GYRO A OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |

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|---------|-------------------------|-------|-----|---------------|----------|----------------------------|-----------|---------|---------------|-----------------|-----------|
| 47 | 190 20:22:46 | 31 | | | AC7PCG | 62 GYRO B OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 48 | 190 20:22:46 | 31 | | | AC7PCG | 72 GYRO C OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 49 | 190 20:22:46 | 31 | | | AC7PAR | 7530 000000 GYRO OFF NORM | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 50 | 190 20:22:46 | 31 | | | AC7PAR | 6740 000740 PITCH DEADBAND | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 51 | 190 20:22:46 | 31 | | | AC7PAR | 6741 001700 YAW DEADBAND | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 52 | 190 20:22:46 | 31 | | | AC7PAR | 6742 004540 ROLL DEADBAND | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 53 | 190 20:22:46 | 31 | | | DEADBAND | DEAD BAND STATE: 05 10 25 | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 54 | 190 20:22:46 | 31 | | | CC7SS | 1 AACS TO RAI | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 55 | 190 20:22:46 | 31 | | | CC7CT | 01 CST CONE ANGLE 1 | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 56 | 190 20:22:46 | 31 | | | AC7DDB | 000480 DEAD BAND CONTROL | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 57 | 190 20:22:46 | 31 | | | CC7AHRP | SS HTR A OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 58 | 190 20:22:46 | 31 | | | CC7BHP | SS HTR B ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 59 | 190 20:22:46 | 31 | | | CC7ML | 01 FDS CHAN A | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 60 | 190 20:22:46 | 31 | | | CC7ML | 09 TCAPU FAULT ENA | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 61 | 190 20:22:46 | 31 | | | AC7PCG | 61 AACS BAY 6 HTR A OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 62 | 190 20:22:46 | 31 | | | AC7PCG | 71 AACS BAY 6 HTR B OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 63 | 190 20:22:46 | 31 | | | CC7MMRP | PROC/MEM 2 SELECT | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 64 | 190 20:22:46 | 31 | | | CC7SHP | AZ SCAN ACTUATOR HTR ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 65 | 190 20:22:46 | 31 | | | AC7PCG | 22 CST SUN SHUTTER OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 66 | 190 20:22:46 | 31 | | | AC7PCG | 10 ISO VALVE BRANCH 1 OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 67 | 190 20:22:46 | 31 | | | AC7PCG | 20 ISO VALVE BRANCH 2 OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 68 | 190 20:22:46 | 31 | | | CC1PHRP | SCAN PLAT SUPL HTR OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 69 | 190 20:22:46 | 31 | | | CC77MRP | MAM OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |

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|---------|----------------------------|-------|-----|------------------|---------|------------------------|--------------|------------|---------------|-----------------|--------------|
| 70 | 190 20:22:46 | 31 | | | DC77PR | NON-PRIME FCP/MEM OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 71 | 190 20:22:46 | 31 | | | DC77XR | MAM COMMAND DISABLE | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 72 | 190 20:22:46 | 31 | | | | PYRO STATUS | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 73 | 190 20:22:46 | 31 | | | CC8D | PSU INSTRUMENTATION ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 74 | 190 20:22:46 | 31 | | | DC8XR | PYRO DISABLE | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 75 | 190 20:22:46 | 31 | | | | PROPULSION STATUS | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 76 | 190 20:22:46 | 31 | | | CC10CRP | TCM HTR OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 77 | 190 20:22:46 | 31 | | | CC10DR | AP BR1 HTR OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 78 | 190 20:22:46 | 31 | | | CC10ER | AP BR2 HTR OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 79 | 190 20:22:46 | 31 | | | CC10TRP | TCM LINE HTRS OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 80 | 190 20:22:46 | 31 | | | | DSS STATUS | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 81 | 190 20:22:46 | 31 | | | CC16BR | DSS 10 W REPL HTR OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 82 | 190 20:22:46 | 31 | | | CC16AP | DSS ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 83 | 190 20:22:46 | 31 | | | CC1DR | BAY 2 19 W HTR OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 84 | 190 20:22:46 | 31 | | | CC16C | 7224 DSS CONTROL | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 85 | 190 20:22:46 | 31 | | | | SCIENCE PWR STATUS | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 86 | 190 20:22:46 | 31 | | | CC1CR | MAG COIL OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 87 | 190 20:22:46 | 31 | | | CC21A | CRS ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 88 | 190 20:22:46 | 31 | | | CC21B | CRS REPL HTR ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 89 | 190 20:22:46 | 31 | | | CC21CR | CRS SUPP HTR OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 90 | 190 20:22:46 | 31 | | | CC22A | PRA ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 91 | 190 20:22:46 | 31 | | | CC23A | PWS ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 92 | 190 20:22:46 | 31 | | | CC25A | LECP ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |

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|---------|-------------------------|-------|-----|---------------|---------|---------------------------|-----------|---------|---------------|-----------------|-----------|
| 93 | 190 20:22:46 | 31 | | | CC25B | LECP STEPPER MOTOR ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 94 | 190 20:22:46 | 31 | | | CC25CR | LECP REPL HTR OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 95 | 190 20:22:46 | 31 | | | CC25D | LECP MAIN SUPP HTR ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 96 | 190 20:22:46 | 31 | | | CC25E | LECP LEPT SUPP HTR ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 97 | 190 20:22:46 | 31 | | | CC27BR | PPS SUPP HTR OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 98 | 190 20:22:46 | 31 | | | CC32A | PLS ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 99 | 190 20:22:46 | 31 | | | CC32BR | PLS SUPP HTR OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 100 | 190 20:22:46 | 31 | | | CC32C | PLS REPL HTR ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 101 | 190 20:22:46 | 31 | | | CC34A | UVS ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 102 | 190 20:22:46 | 31 | | | CC34B | UVS REPL HTR ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 103 | 190 20:22:46 | 31 | | | CC35AR | MAG OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 104 | 190 20:22:46 | 31 | | | CC35B | MAG STANDBY ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 105 | 190 20:22:46 | 31 | | | CC35GR | MAG SENSOR HTR OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 106 | 190 20:22:46 | 31 | | | CC36GR | ISS WA VID REPL HTR OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 107 | 190 20:22:46 | 31 | | | CC36H | ISS WA ELEC REPL HTR ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 108 | 190 20:22:46 | 31 | | | CC36CRP | ISS NA OPTICS HTR OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 109 | 190 20:22:46 | 31 | | | CC36FRP | ISS NA VID REPL HTR OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 110 | 190 20:22:46 | 31 | | | CC36JP | ISS NA ELEC REPL HTR ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 111 | 190 20:22:46 | 31 | | | CC39D | IRIS REPL HTR ON | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 112 | 190 20:22:46 | 31 | | | CC39FR | IRIS STANDBY A SUPPLY OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 113 | 190 20:22:46 | 31 | | | CC39BR | IRIS STANDBY B SUPPLY OFF | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 114 | 190 20:22:46 | 31 | | | | SCIENCE INSTRUMENT STATUS | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 115 | 190 20:22:46 | 31 | | | SC21AF | 01000 CRS CMD WORD | | | 16549:44:785F | 01-190/09:09:23 | 1TI |

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|---------|-------------------------|-------|-----|---------------|---------|----------------------------|-----------|---------|---------------|-----------------|-----------|
| 116 | 190 20:22:46 | 31 | | | SC21AF | 02000 CRS CMD WORD | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 117 | 190 20:22:46 | 31 | | | SC21AF | 03000 CRS CMD WORD | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 118 | 190 20:22:46 | 31 | | | SC21AF | 04000 CRS CMD WORD | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 119 | 190 20:22:46 | 31 | | | SC21AF | 05200 CRS CMD WORD | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 120 | 190 20:22:46 | 31 | | | SC21AF | 06000 CRS CMD WORD | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 121 | 190 20:22:46 | 31 | | | SC21AF | 07200 CRS CMD WORD | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 122 | 190 20:22:46 | 31 | | | SC21AF | 08200 CRS CMD WORD | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 123 | 190 20:22:46 | 31 | | | SC21AF | 10000 CRS CMD WORD | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 124 | 190 20:22:46 | 31 | | | SC21AF | 11000 CRS CMD WORD | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 125 | 190 20:22:46 | 31 | | | SC21AF | 12000 CRS CMD WORD | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 126 | 190 20:22:46 | 31 | | | SC21AF | 13012 CRS CMD WORD | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 127 | 190 20:22:46 | 31 | | | SC21AG | CRS HV FLAG | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 128 | 190 20:22:46 | 31 | | | SC21AH | CRS CAL-ST FLAG | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 129 | 190 20:22:46 | 31 | | | SC22AF | 1347 PRA CONFIGURATION CMD | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 130 | 190 20:22:46 | 31 | | | SC22NU | 0000 PRA MODE SELECT | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 131 | 190 20:22:46 | 31 | | | SC23AD | 5 PWS CMD WORD | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 132 | 190 20:22:46 | 31 | | | SC25AH | 1777 LECP CMD WORD | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 133 | 190 20:22:46 | 31 | | | SC25AH | 2417 LECP CMD WORD | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 134 | 190 20:22:46 | 31 | | | SC25AH | 5600 LECP CMD WORD | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 135 | 190 20:22:46 | 31 | | | SC25AH | 6032 LECP CMD WORD | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 136 | 190 20:22:46 | 31 | | | SC25AJ | 1 LECP MOTOR STEP CMD | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 137 | 190 20:22:46 | 31 | | | SC25AN | 0 LECP NEAR/FAR ENC | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 138 | 190 20:22:46 | 31 | | | SC25AQ | 5200 LECP SAFE CMD | | | 16549:44:785F | 01-190/09:09:23 | 1TI |

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|---------|-------------------------|-------|--------|---------------|---------|----------------------------------|-----------|---------|---------------|-----------------|-----------|
| 139 | 190 20:22:46 | 31 | | | SC32AF | 2 PLS E1 INT/AMP GAIN | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 140 | 190 20:22:46 | 31 | | | SC32AG | 2 PLS E2 INT/AMP GAIN | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 141 | 190 20:22:46 | 31 | | | SC32AH | 3 PLS M INT/AMP GAIN | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 142 | 190 20:22:46 | 31 | | | SC32AJ | 11 PLS CONFIG CMD | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 143 | 190 20:22:46 | 31 | | | SC32AK | 2 PLS L INT/AMP GAIN | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 144 | 190 20:22:46 | 31 | | | SC32AL | 216 PLS M START WORD 1 | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 145 | 190 20:22:46 | 31 | | | SC32AM | 216 PLS M START WORD 2 | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 146 | 190 20:22:46 | 31 | | | SC32AN | 2 PLS M MODE | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 147 | 190 20:22:46 | 31 | | | SC32AP | 3 PLS E1 SHRT | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 148 | 190 20:22:46 | 31 | | | SC32AQ | 3 PLS E2 SHRT | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 149 | 190 20:22:46 | 31 | | | SC32AR | 3 PLS L SHORT | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 150 | 190 20:22:46 | 31 | | | SC32AS | 2 PLS E1 LONG | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 151 | 190 20:22:46 | 31 | | | SC32AT | 2 PLS E2 LONG | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 152 | 190 20:22:46 | 31 | | | SC32AU | 2 PLS L LONG | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 153 | 190 20:22:46 | 31 | | | SC34AE | 13 UVS MODE/HV LEVEL | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 154 | 190 20:22:46 | 31 | | | SC34AF | 0 UVS READ OUT FLAG | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 155 | 190 20:22:46 | 31 | | | SC35AI | 030001 MAG HFM/EL FLIP/IFC/LFM | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 156 | 190 20:22:46 | 31 | | | SC35AO | 030001 MAG HFM/PRIME/IFC/LFM RAN | | | 16549:44:785F | 01-190/09:09:23 | 1TI |
| 157 | 190 20:22:47 | 31 | | | | BEGIN SEQUENCE A040 -- LOCK STAR | | | 16549:45:001F | 01-190/09:09:23 | 1T |
| 158 | 190 23:49:22 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 159 | 191 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 13M 25S | | | | | 1L |
| 160 | 191 03:53:42 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 161 | 191 06:35:00 | 31 | 15 AO | OPCH ACE | | AOS DSS-15 PASS-8733 (D/L ONLY) | | | | | 1DP |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| ITEM NO | TRM-OR-ERT DOY-HH:MM:SS | SC ID | DSN | ACTION BY>>TO | COMMAND | EVENT-DESCRIPTION | S/C SBSYS | TLM FMT | FDS-COUNT | SCE-TIME | SORT CODE |
|---------|-------------------------|-------|--------|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 177 | 191 12:43:42 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 16570:11:001F | 01-191/01:30:11 | 1ESf |
| 178 | 191 12:43:42 | 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 | | 16570:11:002F | 01-191/01:30:12 | 1ECs |
| 179 | 191 12:43:43 | 31 | | | | B- DRCRUS | | | 16570:11:018F | 01-191/01:30:12 | 1TB |
| 180 | 191 12:43:43 | 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 | | 16570:11:026F | 01-191/01:30:13 | 1ECf |
| 181 | 191 12:44:30 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 16570:12:001F | 01-191/01:30:59 | 1ESf |
| 182 | 191 12:44:30 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 16570:12:002F | 01-191/01:31:00 | 1ECd |
| 183 | 191 12:44:30 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1752 | DTR | | 16570:12:002F | 01-191/01:31:00 | 1ESd |
| 184 | 191 12:44:30 | 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 | | 16570:12:002F | 01-191/01:31:00 | 1ECs |
| 185 | 191 12:45:18 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 16570:13:010F | 01-191/01:31:48 | 1ECf |
| 186 | 191 12:45:19 | 31 | | | | END PWSREC.31 | | | 16570:13:018F | 01-191/01:31:48 | 1T |
| 187 | 191 16:12:30 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 | 191 16:21:48 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 189 | 191 22:35:00 | 31 | 54 AO | OPCH ACE | | AOS DSS-54 PASS-8733 (U/L PASS) | | | | | 1DP |
| 190 | 191 23:45:24 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 191 | 192 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 13M 34S | | | | | 1L |
| 192 | 192 01:35:00 | 31 | 54 LO | OPCH ACE | | LOS DSS-54 PASS-8733 | | | | | 1DP |
| 193 | 192 03:49:44 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 194 | 192 06:10:00 | 31 | 25 AO | OPCH ACE | | AOS DSS-25 PASS-8734 (D/L ONLY) | | | | | 1DP |
| 195 | 192 07:14:01 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 196 | 192 10:30:00 | 31 | 25 LO | OPCH ACE | | LOS DSS-25 PASS-8734 | | | | | 1DP |
| 197 | 192 11:15:32 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 198 | 192 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 13M 38S | | | | | 1L |
| 199 | 192 16:08:32 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 200 | 192 16:17:51 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 201 | 192 23:05:00 | 31 | 63 AO | OPCH ACE | | AOS DSS-63 PASS-8734 (D/L ONLY) | | | | | 1DP |
| 202 | 192 23:41:26 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 203 | 193 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 13M 43S | | | | | 1L |
| 204 | 193 00:29:31 | 31 | | | | B- RFSTLC | | | 16614:53:001F | 01-192/13:15:47 | 1TB |
| 205 | 193 03:05:00 | 31 | 63 LO | OPCH ACE | | LOS DSS-63 PASS-8734 | | | | | 1DP |
| 206 | 193 03:45:00 | 31 | 24 AO | OPCH ACE | | AOS DSS-24 PASS-8735 (D/L ONLY) | | | | | 1DP |
| 207 | 193 03:45:45 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 208 | 193 07:10:02 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 209 | 193 10:10:00 | 31 | 24 LO | OPCH ACE | | LOS DSS-24 PASS-8735 | | | | | 1DP |
| 210 | 193 10:55:59 | 31 | | | AC7SSB | (3 +006) SS BIAS CONTROL - PITCH | AACS | | 16627:56:003F | 01-192/23:42:12 | 1ECa |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|----------------------------------|-----------|---------|---------------|-----------------|-----------|
| 211 | 193 11:11:33 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 212 | 193 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 13M 48S | | | | | 1L |
| 213 | 193 16:04:35 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 214 | 193 16:13:53 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 215 | 193 23:30:00 | 31 | 14 AO | OPCH ACE | | AOS DSS-14 PASS-8736 (D/L ONLY) | | | | | 1DP |
| 216 | 193 23:37:29 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 217 | 194 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 13M 52S | | | | | 1L |
| 218 | 194 03:14:30 | 31 | | | | B- UVSLEW | | | 16648:19:001F | 01-193/16:00:35 | 1TB |
| 219 | 194 03:14:30 | 31 | | | | SLEW TO MIDPNT-A | | | 16648:19:001F | 01-193/16:00:35 | 1T |
| 220 | 194 03:14:30 | 31 | | | | B- PLATPOB | | | 16648:19:001F | 01-193/16:00:35 | 1TB |
| 221 | 194 03:14:30 | 31 | | | AC7SPK | (1 12 2 093 083) EL SLEW R=LOW | AACS | | 16648:19:003F | 01-193/16:00:36 | 1ECa |
| 222 | 194 03:14:30 | 31 | | | AC7SPK | (2 12 1 165 129) AZ SLEW R=LOW | AACS | | 16648:19:005F | 01-193/16:00:36 | 1ECa |
| 223 | 194 03:41:46 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 224 | 194 03:43:57 | 31 | | | | B- SLEND | | | 16648:55:651F | 01-193/16:30:02 | 1TB |
| 225 | 194 03:43:57 | 31 | | | SLEWEND | AZ=219.984 EL=139.995 CO=135.106 | | | 16648:55:651F | 01-193/16:30:02 | 1T |
| 226 | 194 07:06:04 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 227 | 194 07:35:00 | 31 | 14 LO | OPCH ACE | | LOS DSS-14 PASS-8736 | | | | | 1DP |
| 228 | 194 11:07:35 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 229 | 194 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 13M 57S | | | | | 1L |
| 230 | 194 16:00:37 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 231 | 194 16:09:56 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 232 | 194 21:18:37 | 31 | | | AC7SSB | (4 +138) SS BIAS CONTROL --- YAW | AACS | | 16670:54:002F | 01-194/10:04:36 | 1ECa |
| 233 | 194 23:33:31 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|----------------------------------|-----------|---------|---------------|-----------------|-----------|
| 234 | 195 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 14M 02S | | | | | 1L |
| 235 | 195 00:30:00 | 31 | 25 AO | OPCH ACE | | AOS DSS-25 PASS-8737 (D/L ONLY) | | | | | 1DP |
| 236 | 195 03:37:48 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 237 | 195 03:50:00 | 31 | 25 LO | OPCH ACE | | LOS DSS-25 PASS-8737 | | | | | 1DP |
| 238 | 195 07:02:05 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 239 | 195 08:20:00 | 31 | 15 AO | OPCH ACE | | AOS DSS-15 PASS-8737 (D/L ONLY) | | | | | 1DP |
| 240 | 195 10:30:00 | 31 | 15 LO | OPCH ACE | | LOS DSS-15 PASS-8737 | | | | | 1DP |
| 241 | 195 11:03:36 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 242 | 195 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 14M 06S | | | | | 1L |
| 243 | 195 15:56:40 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 244 | 195 16:05:58 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 245 | 195 23:29:34 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 246 | 195 23:30:00 | 31 | 15 AO | OPCH ACE | | AOS DSS-15 PASS-8738 (D/L ONLY) | | | | | 1DP |
| 247 | 196 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 14M 11S | | | | | 1L |
| 248 | 196 02:00:00 | 31 | 15 LO | OPCH ACE | | LOS DSS-15 PASS-8738 | | | | | 1DP |
| 249 | 196 03:33:49 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 250 | 196 03:35:00 | 31 | 25 AO | OPCH ACE | | AOS DSS-25 PASS-8738 (D/L ONLY) | | | | | 1DP |
| 251 | 196 05:14:49 | 31 | | | | B- UVSLEW | | | 16710:49:001F | 01-195/18:00:35 | 1TB |
| 252 | 196 05:14:49 | 31 | | | | SLEW TO MIDPNT-C | | | 16710:49:001F | 01-195/18:00:35 | 1T |
| 253 | 196 05:14:49 | 31 | | | | B- PLATPOA | | | 16710:49:001F | 01-195/18:00:35 | 1TB |
| 254 | 196 05:14:49 | 31 | | | AC7SPK | (2 12 1 112 125) AZ SLEW R=LOW | AACS | | 16710:49:003F | 01-195/18:00:36 | 1ECa |
| 255 | 196 05:30:04 | 31 | | | | B- SLEND | | | 16711:08:051F | 01-195/18:15:50 | 1TB |
| 256 | 196 05:30:04 | 31 | | | SLEWEND | AZ=145.010 EL=139.995 CO=133.941 | | | 16711:08:051F | 01-195/18:15:50 | 1T |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| ITEM NO | TRM-OR-ERT DOY-HH:MM:SS | SC ID | DSN | ACTION BY>>TO | COMMAND | EVENT-DESCRIPTION | S/C SBSYS | TLM FMT | FDS-COUNT | SCE-TIME | SORT CODE |
|---------|-------------------------|-------|--------|---------------|---------|----------------------------------|-----------|---------|---------------|-----------------|-----------|
| 257 | 196 06:58:06 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 258 | 196 10:15:00 | 31 | 25 LO | OPCH ACE | | LOS DSS-25 PASS-8738 | | | | | 1DP |
| 259 | 196 10:59:38 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 260 | 196 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 14M 16S | | | | | 1L |
| 261 | 196 15:52:42 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 262 | 196 16:02:01 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 263 | 196 16:50:00 | 31 | 65 AO | OPCH ACE | | AOS DSS-65 PASS-8738 (D/L ONLY) | | | | | 1DP |
| 264 | 196 23:25:36 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 265 | 196 23:30:00 | 31 | 65 LO | OPCH ACE | | LOS DSS-65 PASS-8738 | | | | | 1DP |
| 266 | 197 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 14M 21S | | | | | 1L |
| 267 | 197 01:00:00 | 31 | 25 AO | OPCH ACE | | AOS DSS-25 PASS-8739 (D/L ONLY) | | | | | 1DP |
| 268 | 197 03:00:00 | 31 | 25 LO | OPCH ACE | | LOS DSS-25 PASS-8739 | | | | | 1DP |
| 269 | 197 03:29:50 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 270 | 197 06:45:00 | 31 | 25 AO | OPCH ACE | | AOS DSS-25 PASS-8739 (D/L ONLY) | | | | | 1DP |
| 271 | 197 06:54:08 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 272 | 197 10:00:00 | 31 | 25 LO | OPCH ACE | | LOS DSS-25 PASS-8739 | | | | | 1DP |
| 273 | 197 10:55:39 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 274 | 197 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 14M 26S | | | | | 1L |
| 275 | 197 14:40:39 | 31 | | | AC7SSB | (3 +007) SS BIAS CONTROL - PITCH | AACS | | 16752:36:003F | 01-197/03:26:12 | 1ECa |
| 276 | 197 15:48:45 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 277 | 197 15:58:04 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 278 | 197 23:21:39 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 279 | 198 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 14M 30S | | | | | 1L |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 280 | 198 00:05:00 | 31 | 15 AO | OPCH ACE | | AOS DSS-15 PASS-8740 (D/L ONLY) | | | | | 1DP |
| 281 | 198 03:15:08 | 31 | | | | B- UVSLEW | | | 16768:19:001F | 01-197/16:00:35 | 1TB |
| 282 | 198 03:15:08 | 31 | | | | SLEW TO HELIO-7C | | | 16768:19:001F | 01-197/16:00:35 | 1T |
| 283 | 198 03:15:08 | 31 | | | | B- PLATPOB | | | 16768:19:001F | 01-197/16:00:35 | 1TB |
| 284 | 198 03:15:08 | 31 | | | AC7SPK | (2 12 2 042 127) AZ SLEW R=LOW | AACS | | 16768:19:003F | 01-197/16:00:36 | 1ECa |
| 285 | 198 03:15:08 | 31 | | | AC7SPL | (1 12 2 255 117) EL SLEW R=LOW | AACS | | 16768:19:005F | 01-197/16:00:36 | 1ECa |
| 286 | 198 03:25:52 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 287 | 198 03:35:55 | 31 | | | | B- SLEND | | | 16768:44:784F | 01-197/16:21:22 | 1TB |
| 288 | 198 03:35:55 | 31 | | | SLEWEND | AZ=43.975 EL=139.020 CO=142.936 | | | 16768:44:784F | 01-197/16:21:22 | 1T |
| 289 | 198 06:35:00 | 31 | 15 | OPCH 15 | | == START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS == | | | | | 1TD |
| 290 | 198 06:35:00 | 31 | 15 | OPCH 15 | | == TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL) | | | | | 1TD |
| 291 | 198 06:36:00 | 31 | 15 | OPCH 15 | | == TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN | | | | | 1TD |
| 292 | 198 06:37:00 | 31 | 15 | OPCH 15 | | == TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) == | | | | | 1TD |
| 293 | 198 06:50:09 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 308 | 198 12:20:43 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:1745 | DTR | | 16779:40:735F | 01-198/01:06:08 | 1ESd |
| 309 | 198 12:20:47 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 16779:41:001F | 01-198/01:06:11 | 1ESf |
| 310 | 198 12:20:47 | 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 | | 16779:41:002F | 01-198/01:06:12 | 1ECs |
| 311 | 198 12:20:48 | 31 | | | | B- DRCRUS | | | 16779:41:018F | 01-198/01:06:12 | 1TB |
| 312 | 198 12:20:48 | 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 | | 16779:41:026F | 01-198/01:06:13 | 1ECf |
| 313 | 198 12:21:35 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 16779:42:001F | 01-198/01:06:59 | 1ESf |
| 314 | 198 12:21:35 | 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 | | 16779:42:002F | 01-198/01:07:00 | 1ECs |
| 315 | 198 12:21:35 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 16779:42:002F | 01-198/01:07:00 | 1ECd |
| 316 | 198 12:21:35 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1453 | DTR | | 16779:42:002F | 01-198/01:07:00 | 1ESd |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|--------|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 346 | 199 07:56:55 | 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 | | 16804:11:002F | 01-198/20:42:11 | 1ECs |
| 347 | 199 07:56:56 | 31 | | | | END PMPCALLR | | | 16804:11:018F | 01-198/20:42:12 | 1T |
| 348 | 199 09:45:00 | 31 | 25 LO | OPCH ACE | | LOS DSS-25 PASS-8741 | | | | | 1DP |
| 349 | 199 10:47:42 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 350 | 199 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 14M 45S | | | | | 1L |
| 351 | 199 15:40:51 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 352 | 199 15:50:09 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 353 | 199 23:13:44 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 354 | 200 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 14M 50S | | | | | 1L |
| 355 | 200 01:25:00 | 31 | 14 AO | OPCH ACE | | AOS DSS-14 PASS-8742 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE | | | | | 1DP |
| 356 | 200 03:17:55 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 357 | 200 06:42:12 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 358 | 200 06:45:00 | 31 | 15 AO | OPCH ACE | | AOS DSS-15 PASS-8742 (D/L ONLY) | | | | | 1DP |
| 359 | 200 07:00:00 | 31 | 14 LO | OPCH ACE | | LOS DSS-14 PASS-8742 | | | | | 1DP |
| 360 | 200 09:40:00 | 31 | 15 LO | OPCH ACE | | LOS DSS-15 PASS-8742 | | | | | 1DP |
| 361 | 200 10:43:44 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 362 | 200 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 14M 55S | | | | | 1L |
| 363 | 200 15:36:54 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 364 | 200 15:46:12 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 365 | 200 16:15:00 | 31 | 63 AO | OPCH ACE | | AOS DSS-63 PASS-8742 (U/L PASS) | | | | | 1DP |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|----------------------------------|-----------|---------|---------------|-----------------|-----------|
| 414 | 201 18:15:43 | 31 | | | | B- XHIPWR.31 | | | 16877:04:001F | 01-201/07:00:35 | 1TB |
| 415 | 201 18:15:43 | 31 | | | | BEGIN XHIPWR31 | | | 16877:04:001F | 01-201/07:00:35 | 1T |
| 416 | 201 18:15:43 | 31 | | | CC1TR | BAY 1 HTR OFF | PWR | | 16877:04:002F | 01-201/07:00:36 | 1ECp |
| 417 | 201 18:19:44 | 31 | | | | X BAND HIGH POWER | | | 16877:09:001F | 01-201/07:04:35 | 1T |
| 418 | 201 18:19:44 | 31 | | | DC2H | X-BAND TWT HIGH POWER | RFS | | 16877:09:002F | 01-201/07:04:35 | 1ECr |
| 419 | 201 18:25:20 | 31 | | | AC7SSB | (3 +008) SS BIAS CONTROL - PITCH | AACS | | 16877:16:003F | 01-201/07:10:12 | 1ECa |
| 420 | 201 20:35:00 | 31 | 63 LO | OPCH ACE | | LOS DSS-63 PASS-8743 | | | | | 1DP |
| 421 | 201 23:05:50 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 422 | 202 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 15M 10S | | | | | 1L |
| 423 | 202 01:20:00 | 31 | 25 AO | OPCH ACE | | AOS DSS-25 PASS-8744 (D/L ONLY) | | | | | 1DP |
| 424 | 202 03:09:57 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 425 | 202 06:34:15 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 426 | 202 09:35:00 | 31 | 25 LO | OPCH ACE | | LOS DSS-25 PASS-8744 | | | | | 1DP |
| 427 | 202 10:35:47 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 428 | 202 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 15M 15S | | | | | 1L |
| 429 | 202 15:29:00 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 430 | 202 15:38:18 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 431 | 202 23:01:53 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 432 | 203 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 15M 20S | | | | | 1L |
| 433 | 203 00:15:00 | 31 | 25 AO | OPCH ACE | | AOS DSS-25 PASS-8745 (D/L ONLY) | | | | | 1DP |
| 434 | 203 03:05:59 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 435 | 203 06:30:16 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 436 | 203 09:45:00 | 31 | 25 LO | OPCH ACE | | LOS DSS-25 PASS-8745 | | | | | 1DP |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|--------|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 500 | 205 11:57:57 | 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 | | 16989:11:002F | 01-205/00:42:12 | 1ECs |
| 501 | 205 11:57:58 | 31 | | | | B- DRCRUS | | | 16989:11:018F | 01-205/00:42:12 | 1TB |
| 502 | 205 11:57:58 | 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 | | 16989:11:026F | 01-205/00:42:13 | 1ECF |
| 503 | 205 11:58:45 | 31 | | ACE | OPCH | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 16989:12:001F | 01-205/00:42:59 | 1ESF |
| 504 | 205 11:58:45 | 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 | | 16989:12:002F | 01-205/00:42:59 | 1ECs |
| 505 | 205 11:58:45 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 16989:12:002F | 01-205/00:43:00 | 1ECd |
| 506 | 205 11:58:45 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1154 | DTR | | 16989:12:002F | 01-205/00:43:00 | 1ESd |
| 507 | 205 11:59:33 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 16989:13:009F | 01-205/00:43:48 | 1ECf |
| 508 | 205 11:59:34 | 31 | | | | END PWSREC.31 | | | 16989:13:018F | 01-205/00:43:48 | 1T |
| 509 | 205 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 15M 45S | | | | | 1L |
| 510 | 205 15:17:09 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 511 | 205 15:26:27 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 512 | 205 22:10:02 | 31 | | | AC7SSB | (3 +009) SS BIAS CONTROL - PITCH | AACS | | 17001:56:003F | 01-205/10:54:12 | 1ECa |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 529 | 206 01:36:27 | 31 | | | | CALL DDPB1431 | | | 17006:14:001F | 01-205/14:20:35 | 1T |
| 530 | 206 01:36:27 | 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 | | 17006:14:009F | 01-205/14:20:36 | 1ECf |
| 531 | 206 01:37:12 | 31 | | | | REPLAY BACK LOST DATA | | | 17006:14:751F | 01-205/14:21:20 | 1T |
| 532 | 206 01:37:13 | 31 | | | CC16C | (1215) DTR STATE SELECT:PLAYBACK | DTR | | 17006:14:769F | 01-205/14:21:22 | 1ECd |
| 533 | 206 01:37:13 | 31 | | | | DTR STATUS MODE:PLAY RATE:007.2K DIR:F TRK:5 TIC:3241 | DTR | | 17006:14:769F | 01-205/14:21:22 | 1ESd |
| 534 | 206 01:37:15 | 31 | | ACE | OPCH | | FDS | PB-14 | 17006:15:001F | 01-205/14:21:23 | 1ESf |
| 535 | 206 01:37:15 | 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 | | 17006:15:002F | 01-205/14:21:23 | 1ECs |
| 536 | 206 01:37:15 | 31 | | | CC6AD | (3 2 0 2) SVC-W4 FDS MEM B WRT PROTECT | FDS | | 17006:15:002F | 01-205/14:21:24 | 1ECf |
| 537 | 206 01:37:15 | 31 | | ACE | OPCH | | FDS | PB-14 | 17006:15:002F | 01-205/14:21:24 | 1ESf |
| 538 | 206 01:53:10 | 31 | | | EOT | END OF TAPE | | | 17006:34:711F | 01-205/14:37:18 | 1Ed |
| 539 | 206 01:53:10 | 31 | | | EOT | END OF TAPE | | | 17006:34:715F | 01-205/14:37:18 | 1Ed |
| 540 | 206 02:54:03 | 31 | 60 | SET | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 541 | 206 04:29:56 | 31 | | | BOT | BEGIN OF TAPE | | | 17009:50:654F | 01-205/17:14:03 | 1Ed |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|--------|------------------|---------|--|--------------|------------|---------------|-----------------|--------------|
| 542 | 206 04:29:56 | 31 | | | BOT | BEGIN OF TAPE | | | 17009:50:657F | 01-205/17:14:03 | 1Ed |
| 543 | 206 06:18:20 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 544 | 206 07:06:42 | 31 | | | EOT | END OF TAPE | | | 17013:06:597F | 01-205/19:50:47 | 1Ed |
| 545 | 206 07:06:42 | 31 | | | EOT | END OF TAPE | | | 17013:06:600F | 01-205/19:50:47 | 1Ed |
| 546 | 206 09:30:00 | 31 | 14 | | OPCH 14 | == START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS == | | | | | 1TD |
| 547 | 206 09:30:00 | 31 | 14 | | OPCH 14 | == TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL) | | | | | 1TD |
| 548 | 206 09:31:00 | 31 | 14 | | OPCH 14 | == TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN | | | | | 1TD |
| 549 | 206 09:32:00 | 31 | 14 | | OPCH 14 | == TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) == | | | | | 1TD |
| 550 | 206 09:36:19 | 31 | | ACE | OPCH | >>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESF |
| 551 | 206 09:36:19 | 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 |
| 552 | 206 09:36:19 | 31 | | ACE | OPCH | >>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESF |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|----------|--|-----------|---------|---------------|-----------------|-----------|
| 566 | 206 09:57:00 | 31 | 14 | OPCH 14 | | == END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND) | | | | | 1TD |
| 567 | 206 09:59:56 | 31 | | | CC1T | BAY 1 HTR ON | PWR | | 17016:43:219F | 01-205/22:44:01 | 1ECp |
| 568 | 206 09:59:57 | 31 | | | | END XHIPWR31 | | | 17016:43:234F | 01-205/22:44:01 | 1T |
| 569 | 206 10:19:53 | 31 | 10 | SET | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 570 | 206 10:20:00 | 31 | 14 | LO | OPCH ACE | LOS DSS-14 PASS-8748 | | | | | 1DP |
| 571 | 206 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 15M 56S | | | | | 1L |
| 572 | 206 15:13:12 | 31 | 60 | RISE | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 573 | 206 15:22:31 | 31 | 40 | SET | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 574 | 206 22:46:05 | 31 | 10 | RISE | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 575 | 207 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 16M 01S | | | | | 1L |
| 576 | 207 01:20:00 | 31 | 15 | AO | OPCH ACE | AOS DSS-15 PASS-8749 (D/L ONLY) | | | | | 1DP |
| 577 | 207 02:16:38 | 31 | | | | BEGIN TAPPOS | | | 17037:04:001F | 01-206/15:00:35 | 1T |
| 578 | 207 02:16:38 | 31 | | | | TAPPOS TO 1147 | | | 17037:04:001F | 01-206/15:00:35 | 1T |
| 579 | 207 02:16:38 | 31 | | | CC16C | (2211) DTR STATE SELECT: SLEW | DTR | | 17037:04:002F | 01-206/15:00:36 | 1ECd |
| 580 | 207 02:16:38 | 31 | | | | DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0245 | DTR | | 17037:04:002F | 01-206/15:00:36 | 1ESd |
| 581 | 207 02:50:05 | 31 | 60 | SET | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 582 | 207 02:58:18 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 17037:56:069F | 01-206/15:42:16 | 1ECd |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|--------|------------------|---------|--|--------------|------------|---------------|-----------------|--------------|
| 583 | 207 02:58:18 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1146 | DTR | | 17037:56:069F | 01-206/15:42:16 | 1ESd |
| 584 | 207 05:06:15 | 31 | | | CC16C | (7024) DTR STATE SELECT: READY | DTR | | 17040:36:002F | 01-206/17:50:12 | 1ECd |
| 585 | 207 05:06:15 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1146 | DTR | | 17040:36:002F | 01-206/17:50:12 | 1ESd |
| 586 | 207 05:06:16 | 31 | | | | END REPLAY31 | | | 17040:36:018F | 01-206/17:50:12 | 1T |
| 587 | 207 06:14:22 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 588 | 207 07:57:28 | 31 | | | | B- RFSTLC | | | 17044:10:001F | 01-206/20:41:23 | 1TB |
| 589 | 207 08:29:04 | 31 | 15 | OPCH | 15 | == START TLC TEST DOWN-LINK == | | | | | 1TD |
| 590 | 207 09:30:04 | 31 | 15 | OPCH | 15 | == END TLC TEST DOWN-LINK == | | | | | 1TD |
| 591 | 207 10:15:00 | 31 | 15 LO | OPCH | ACE | LOS DSS-15 PASS-8749 | | | | | 1DP |
| 592 | 207 10:15:55 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 593 | 207 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 16M 06S | | | | | 1L |
| 594 | 207 15:09:15 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 595 | 207 15:18:34 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 596 | 207 22:30:00 | 31 | 65 AO | OPCH | ACE | AOS DSS-65 PASS-8749 (D/L ONLY) | | | | | 1DP |
| 597 | 207 22:42:08 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 598 | 208 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 16M 11S | | | | | 1L |
| 599 | 208 02:15:00 | 31 | 65 LO | OPCH | ACE | LOS DSS-65 PASS-8749 | | | | | 1DP |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|----------|---|-----------|---------|---------------|-----------------|-----------|
| 600 | 208 02:46:06 | 31 | 60 | SET | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 601 | 208 06:10:23 | 31 | 40 | RISE | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 602 | 208 10:11:57 | 31 | 10 | SET | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 603 | 208 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 16M 17S | | | | | 1L |
| 604 | 208 15:05:19 | 31 | 60 | RISE | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 605 | 208 15:14:37 | 31 | 40 | SET | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 606 | 208 16:30:00 | 31 | 65 | AO | OPCH ACE | AOS DSS-65 PASS-8750 (D/L ONLY) | | | | | 1DP |
| 607 | 208 22:38:11 | 31 | 10 | RISE | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 608 | 208 23:55:00 | 31 | 15 | AO | OPCH ACE | AOS DSS-15 PASS-8751 (D/L ONLY) | | | | | 1DP |
| 609 | 209 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 16M 22S | | | | | 1L |
| 610 | 209 00:15:00 | 31 | 65 | LO | OPCH ACE | LOS DSS-65 PASS-8750 | | | | | 1DP |
| 611 | 209 01:04:58 | 31 | | | | B- GAIN.31 | | | 17095:34:001F | 01-208/13:48:35 | 1TB |
| 612 | 209 01:04:58 | 31 | | | | BEGIN GAIN31 | | | 17095:34:001F | 01-208/13:48:35 | 1T |
| 613 | 209 01:04:58 | 31 | | | | B- GYONAB.31 | | | 17095:34:001F | 01-208/13:48:35 | 1TB |
| 614 | 209 01:04:58 | 31 | | | | BEGIN GYONAB31 | | | 17095:34:001F | 01-208/13:48:35 | 1T |
| 615 | 209 01:04:58 | 31 | | | AC7GYP | (000) DRIRU PATTERN CONTROL GYRO/AXIS=A/PITCH & YAW B/ROLL | AACS | | 17095:34:003F | 01-208/13:48:36 | 1ECa |
| 616 | 209 01:04:58 | 31 | | | CC7GCRP | GYRO C OFF | PWR | | 17095:34:004F | 01-208/13:48:36 | 1ECp |
| 617 | 209 01:04:58 | 31 | | | | AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: OFF | AACS | | 17095:34:004F | 01-208/13:48:36 | 1ESa |
| 618 | 209 01:04:58 | 31 | | | CC7GCRP | GYRO C OFF | PWR | | 17095:34:006F | 01-208/13:48:36 | 1ECp |
| 619 | 209 01:04:58 | 31 | | | CC7PC | (372) GYRO C OFF | AACS | | 17095:34:008F | 01-208/13:48:36 | 1ECa |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|--|-----------|---------------|-----------------|-----------------|-----------|
| 620 | 209 01:04:58 | 31 | | | CC7GBP | GYRO B ON | PWR | | 17095:34:009F | 01-208/13:48:36 | 1ECp |
| 621 | 209 01:04:58 | 31 | | | | AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF | AACS | 17095:34:009F | 01-208/13:48:36 | 1ESa | |
| 622 | 209 01:04:59 | 31 | | | CC7GBP | GYRO B ON | PWR | | 17095:34:011F | 01-208/13:48:36 | 1ECp |
| 623 | 209 01:04:59 | 31 | | | CC7PC | (363) GYRO B ON | AACS | | 17095:34:013F | 01-208/13:48:36 | 1ECa |
| 624 | 209 01:04:59 | 31 | | | CC7GAP | GYRO A ON | PWR | | 17095:34:014F | 01-208/13:48:36 | 1ECp |
| 625 | 209 01:04:59 | 31 | | | | AACS STATUS MODE : CRU GYRO A: ON HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF | AACS | 17095:34:014F | 01-208/13:48:36 | 1ESa | |
| 626 | 209 01:04:59 | 31 | | | CC7GAP | GYRO A ON | PWR | | 17095:34:016F | 01-208/13:48:36 | 1ECp |
| 627 | 209 01:04:59 | 31 | | | CC7PC | (353) GYRO A ON | AACS | | 17095:34:018F | 01-208/13:48:36 | 1ECa |
| 628 | 209 01:05:27 | 31 | | | | DRIRU INITIALIZATION | | | 17095:34:484F | 01-208/13:49:04 | 1T |
| 629 | 209 01:05:28 | 31 | | | CC7GY | (3) DRIRU INITIALIZE [P/Y/R] | AACS | | 17095:34:502F | 01-208/13:49:06 | 1ECa |
| 630 | 209 01:05:57 | 31 | | | | SET CALIB | | | 17095:35:184F | 01-208/13:49:34 | 1T |
| 631 | 209 01:05:58 | 31 | | | AC7PAR | (7530 000001) PARAMETER LOAD | AACS | | 17095:35:204F | 01-208/13:49:36 | 1ECa |
| 632 | 209 01:14:58 | 31 | | | | START GYRO FAULT TEST | | | 17095:46:384F | 01-208/13:58:34 | 1T |
| 633 | 209 01:14:59 | 31 | | | CC7GY | (4) DRIRU FAULT TEST START | AACS | | 17095:46:402F | 01-208/13:58:36 | 1ECa |
| 634 | 209 01:15:00 | 31 | | | | END GYONAB31 | | | 17095:46:418F | 01-208/13:58:36 | 1T |
| 635 | 209 02:04:59 | 31 | | | | B- CCSTIMB | | | 17096:49:001F | 01-208/14:48:35 | 1TB |
| 636 | 209 02:04:59 | 31 | | | | EXECUTE CCSTIMB FINE | | | 17096:49:001F | 01-208/14:48:35 | 1T |
| 637 | 209 02:42:08 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|----------------------------------|-----------|---------|---------------|-----------------|-----------|
| 638 | 209 06:06:25 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 639 | 209 07:00:00 | 31 | 15 LO | OPCH ACE | | LOS DSS-15 PASS-8751 | | | | | 1DP |
| 640 | 209 10:07:58 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 641 | 209 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 16M 27S | | | | | 1L |
| 642 | 209 15:01:22 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 643 | 209 15:10:41 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 644 | 209 22:34:15 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 645 | 210 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 16M 33S | | | | | 1L |
| 646 | 210 00:15:00 | 31 | 24 AO | OPCH ACE | | AOS DSS-24 PASS-8752 (D/L ONLY) | | | | | 1DP |
| 647 | 210 01:54:45 | 31 | | | AC7SSB | (3 +010) SS BIAS CONTROL - PITCH | AACS | | 17126:36:003F | 01-209/14:38:12 | 1ECa |
| 648 | 210 02:38:09 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 649 | 210 04:05:00 | 31 | 24 LO | OPCH ACE | | LOS DSS-24 PASS-8752 | | | | | 1DP |
| 650 | 210 06:02:26 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 651 | 210 10:04:00 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 652 | 210 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 16M 38S | | | | | 1L |
| 653 | 210 14:57:25 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 654 | 210 15:06:44 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 655 | 210 16:10:00 | 31 | 65 AO | OPCH ACE | | AOS DSS-65 PASS-8752 (D/L ONLY) | | | | | 1DP |
| 656 | 210 22:30:18 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 657 | 211 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 16M 43S | | | | | 1L |
| 658 | 211 00:30:00 | 31 | 25 AO | OPCH ACE | | AOS DSS-25 PASS-8753 (D/L ONLY) | | | | | 1DP |
| 659 | 211 00:45:00 | 31 | 65 LO | OPCH ACE | | LOS DSS-65 PASS-8752 | | | | | 1DP |
| 660 | 211 01:17:20 | 31 | | | AC7SPL | (2 12 2 255 127) AZ SLEW R=LOW | AACS | | 17155:49:003F | 01-210/14:00:36 | 1ECa |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|--------|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 694 | 212 11:35:12 | 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 | | 17198:41:026F | 01-212/00:18:13 | 1ECf |
| 695 | 212 11:35:59 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 17198:42:001F | 01-212/00:18:59 | 1ESf |
| 696 | 212 11:35:59 | 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 | | 17198:42:002F | 01-212/00:19:00 | 1ECs |
| 697 | 212 11:35:59 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 17198:42:002F | 01-212/00:19:00 | 1ECd |
| 698 | 212 11:35:59 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:0853 | DTR | | 17198:42:002F | 01-212/00:19:00 | 1ESd |
| 699 | 212 11:36:47 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 17198:43:010F | 01-212/00:19:48 | 1ECf |
| 700 | 212 11:36:48 | 31 | | | | END PWSREC.31 | | | 17198:43:018F | 01-212/00:19:48 | 1T |
| 701 | 212 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 16M 59S | | | | | 1L |
| 702 | 212 14:49:32 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 703 | 212 14:58:51 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 704 | 212 21:05:00 | 31 | 65 AO | OPCH ACE | | AOS DSS-65 PASS-8754 (D/L ONLY) | | | | | 1DP |
| 705 | 212 22:22:25 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 706 | 213 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 17M 05S | | | | | 1L |
| 707 | 213 01:55:00 | 31 | 65 LO | OPCH ACE | | LOS DSS-65 PASS-8754 | | | | | 1DP |
| 708 | 213 02:05:42 | 31 | | | CC7GY | (3) DRIRU INITIALIZE [P/Y/R] | AACS | | 17216:49:002F | 01-212/14:48:35 | 1ECa |
| 709 | 213 02:26:14 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|--------|------------------|---------|--|--------------|------------|-----------|----------|--------------|
| 710 | 213 05:50:31 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 711 | 213 07:45:00 | 31 | 14 AO | OPCH ACE | | AOS DSS-14 PASS-8755 (U/L PASS) | | | | | 1DP |
| 712 | 213 08:40:00 | 31 | 14 | OPCH 14 | | == START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS == | | | | | 1TD |
| 713 | 213 08:40:00 | 31 | 14 | OPCH 14 | | == TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL) | | | | | 1TD |
| 714 | 213 08:41:00 | 31 | 14 | OPCH 14 | | == TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN | | | | | 1TD |
| 715 | 213 08:42:00 | 31 | 14 | OPCH 14 | | == TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) == | | | | | 1TD |
| 716 | 213 09:07:00 | 31 | 14 | OPCH 14 | | == END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND) | | | | | 1TD |
| 717 | 213 09:52:05 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 718 | 213 10:05:00 | 31 | 14 LO | OPCH ACE | | LOS DSS-14 PASS-8755 | | | | | 1DP |
| 719 | 213 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 17M 10S | | | | | 1L |
| 720 | 213 14:45:36 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 721 | 213 14:54:55 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 722 | 213 22:18:28 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 723 | 214 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 17M 16S | | | | | 1L |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 770 | 216 02:05:00 | 31 | 14 AO | OPCH ACE | | AOS DSS-14 PASS-8758 (U/L PASS) | | | | | 1DP |
| 771 | 216 02:06:14 | 31 | | | | B- MAGROLAB.31 | | | 17306:49:001F | 01-215/14:48:35 | 1TB |
| 772 | 216 02:06:14 | 31 | | | | BEGIN MAGROLAB31 | | | 17306:49:001F | 01-215/14:48:35 | 1T |
| 773 | 216 02:06:14 | 31 | | | | B- YAW10 | | | 17306:49:001F | 01-215/14:48:35 | 1TB |
| 774 | 216 02:06:14 | 31 | | | | YAW10 | | | 17306:49:001F | 01-215/14:48:35 | 1T |
| 775 | 216 02:06:14 | 31 | | | AC7PAR | (6741 001700) +YAW DB=.10 DEG | AACS | | 17306:49:004F | 01-215/14:48:36 | 1ECa |
| 776 | 216 02:07:03 | 31 | | | | B- DRCR5T | | | 17306:50:018F | 01-215/14:49:24 | 1TB |
| 777 | 216 02:07:03 | 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 | | 17306:50:026F | 01-215/14:49:25 | 1ECf |
| 778 | 216 02:07:50 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 17306:51:001F | 01-215/14:50:11 | 1ESf |
| 779 | 216 02:07:50 | 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 | | 17306:51:002F | 01-215/14:50:12 | 1ECs |
| 780 | 216 02:14:16 | 31 | | ACE OPCH | | >>>>>> 5 MIN WARNING <<<<<<<<< FOR COMMANDED TURN D/L AGC VARIATIONS EXPECTED | | | | | 11EC |
| 781 | 216 02:14:19 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 782 | 216 02:16:15 | 31 | | | AC7MDP | (6) AACS MODE: ALL AXIS INERTIAL | AACS | | 17307:01:419F | 01-215/14:58:37 | 1ECa |
| 783 | 216 02:16:15 | 31 | | | | AACS STATUS MODE : AAI GYRO A: ON HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF | AACS | | 17307:01:419F | 01-215/14:58:37 | 1ESa |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|---|-----------|---------------|-----------------|-----------------|-----------|
| 784 | 216 02:16:15 | 31 | | | CC7GCRP | GYRO C OFF | PWR | | 17307:01:420F | 01-215/14:58:37 | 1ECp |
| 785 | 216 02:16:15 | 31 | | | CC7GCRP | GYRO C OFF | PWR | | 17307:01:422F | 01-215/14:58:37 | 1ECp |
| 786 | 216 02:16:15 | 31 | | | CC7PC | (372) GYRO C OFF | AACS | | 17307:01:424F | 01-215/14:58:37 | 1ECa |
| 787 | 216 02:16:15 | 31 | | | CC10CRP | TCM THRUSTER HEATERS OFF | PWR | | 17307:01:425F | 01-215/14:58:37 | 1ECp |
| 788 | 216 02:16:15 | 31 | | | CC10CRP | TCM THRUSTER HEATERS OFF | PWR | | 17307:01:427F | 01-215/14:58:37 | 1ECp |
| 789 | 216 02:16:16 | 31 | | | CC7PC | (312) DUMMY PWR CMD | AACS | | 17307:01:429F | 01-215/14:58:37 | 1ECa |
| 790 | 216 02:19:16 | 31 | | | AC7TCD | (322 033605) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10 | AACS | | 17307:05:220F | 01-215/15:01:37 | 1ECa |
| 791 | 216 05:38:36 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 792 | 216 06:47:30 | 31 | | | SC32AJ | (10) PLS CONFIG CMD | FDS | | 17312:40:426F | 01-215/19:29:49 | 1ECf |
| 793 | 216 07:21:01 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 17313:22:342F | 01-215/20:03:20 | 1ECf |
| 794 | 216 07:54:33 | 31 | | | | ROLL TURN COMPLETE (NOMINAL) | | | 17314:04:268F | 01-215/20:36:51 | 1T |
| 795 | 216 07:57:21 | 31 | | | CC7PC | (345) CMDED TURN COMPLETE | AACS | | 17314:07:670F | 01-215/20:39:40 | 1ECa |
| 796 | 216 07:58:18 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 17314:09:026F | 01-215/20:40:37 | 1ECf |
| 797 | 216 08:07:18 | 31 | | | | RESET CALIB | | | 17314:20:218F | 01-215/20:49:36 | 1T |
| 798 | 216 08:07:18 | 31 | | | AC7PAR | (7530 000000) PARAMETER LOAD | AACS | | 17314:20:220F | 01-215/20:49:37 | 1ECa |
| 799 | 216 08:07:48 | 31 | | | CC7SS | (1) SS SEARCH ENABLE | AACS | | 17314:20:719F | 01-215/20:50:07 | 1ECa |
| 800 | 216 08:07:48 | 31 | | | | AACS STATUS MODE : RAI GYRO A: ON HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF | AACS | 17314:20:719F | 01-215/20:50:07 | 1ESa | |
| 801 | 216 08:07:48 | 31 | | | CC7PC | (327) IDET ACQUIRED | AACS | | 17314:20:719F | 01-215/20:50:07 | 1ECa |
| 802 | 216 08:07:48 | 31 | | | CC7GCRP | GYRO C OFF | PWR | | 17314:20:720F | 01-215/20:50:07 | 1ECp |
| 803 | 216 08:07:48 | 31 | | | CC7GCRP | GYRO C OFF | PWR | | 17314:20:722F | 01-215/20:50:07 | 1ECp |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|-----|------------------|---------|--|--------------|------------|---------------|-----------------|--------------|
| 804 | 216 08:07:48 | 31 | | | CC7PC | (372) GYRO C OFF | AACS | | 17314:20:724F | 01-215/20:50:07 | 1ECa |
| 805 | 216 08:07:48 | 31 | | | CC10CRP | TCM THRUSTER HEATERS OFF | PWR | | 17314:20:725F | 01-215/20:50:07 | 1ECp |
| 806 | 216 08:07:48 | 31 | | | CC10CRP | TCM THRUSTER HEATERS OFF | PWR | | 17314:20:727F | 01-215/20:50:07 | 1ECp |
| 807 | 216 08:07:49 | 31 | | | CC7PC | (312) DUMMY PWR CMD | AACS | | 17314:20:729F | 01-215/20:50:07 | 1ECa |
| 808 | 216 08:13:48 | 31 | | | CC7CT | (07) CST FLYBACK AND SWEEP | AACS | | 17314:28:319F | 01-215/20:56:07 | 1ECa |
| 809 | 216 08:14:53 | 31 | | | | GYROS OFF | | | 17314:29:601F | 01-215/20:57:11 | 1T |
| 810 | 216 08:14:53 | 31 | | | | AACS STATUS MODE : CRU GYRO A: ON HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF | AACS | | 17314:29:602F | 01-215/20:57:12 | 1ESa |
| 811 | 216 08:14:53 | 31 | | | CC7PC | (307) STAR ACQUIRED | AACS | | 17314:29:602F | 01-215/20:57:12 | 1ECa |
| 812 | 216 08:14:53 | 31 | | | CC7GCRP | GYRO C OFF | PWR | | 17314:29:603F | 01-215/20:57:12 | 1ECp |
| 813 | 216 08:14:53 | 31 | | | CC7GCRP | GYRO C OFF | PWR | | 17314:29:605F | 01-215/20:57:12 | 1ECp |
| 814 | 216 08:14:53 | 31 | | | CC7PC | (372) GYRO C OFF | AACS | | 17314:29:607F | 01-215/20:57:12 | 1ECa |
| 815 | 216 08:14:53 | 31 | | | CC7GBRP | GYRO B OFF | PWR | | 17314:29:608F | 01-215/20:57:12 | 1ECp |
| 816 | 216 08:14:53 | 31 | | | | AACS STATUS MODE : CRU GYRO A: ON HYBIC: 2 GYRO B: OFF CST : ON GRYO C: OFF | AACS | | 17314:29:608F | 01-215/20:57:12 | 1ESa |
| 817 | 216 08:14:53 | 31 | | | CC7GBRP | GYRO B OFF | PWR | | 17314:29:610F | 01-215/20:57:12 | 1ECp |
| 818 | 216 08:14:54 | 31 | | | CC7PC | (362) GYRO B OFF | AACS | | 17314:29:612F | 01-215/20:57:12 | 1ECa |
| 819 | 216 08:14:54 | 31 | | | CC7GARP | GYRO A OFF | PWR | | 17314:29:613F | 01-215/20:57:12 | 1ECp |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|--------|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 834 | 216 08:27:05 | 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 | | 17314:45:002F | 01-215/21:09:23 | 1ECs |
| 835 | 216 08:27:06 | 31 | | | | END MAGROLAB31 | | | 17314:45:018F | 01-215/21:09:24 | 1T |
| 836 | 216 09:25:00 | 31 | 14 LO | OPCH ACE | | LOS DSS-14 PASS-8758 | | | | | 1DP |
| 837 | 216 09:40:11 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 838 | 216 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 17M 43S | | | | | 1L |
| 839 | 216 14:33:47 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 840 | 216 14:43:06 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 841 | 216 15:45:00 | 31 | 65 AO | OPCH ACE | | AOS DSS-65 PASS-8758 (D/L ONLY) | | | | | 1DP |
| 842 | 216 22:06:39 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 843 | 217 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 17M 48S | | | | | 1L |
| 844 | 217 01:25:00 | 31 | 65 LO | OPCH ACE | | LOS DSS-65 PASS-8758 | | | | | 1DP |
| 845 | 217 02:10:21 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 846 | 217 05:34:38 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 847 | 217 09:36:13 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 848 | 217 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 17M 54S | | | | | 1L |
| 849 | 217 14:29:51 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 850 | 217 14:39:10 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 851 | 217 22:02:42 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 852 | 217 23:40:00 | 31 | 25 AO | OPCH ACE | | AOS DSS-25 PASS-8760 (D/L ONLY) | | | | | 1DP |
| 853 | 218 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 18M 00S | | | | | 1L |
| 854 | 218 02:06:23 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 855 | 218 05:30:40 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 875 | 219 11:11:40 | 31 | | | | B- DRGS4B | | | 17408:10:001F | 01-218/23:53:23 | 1TB |
| 876 | 219 11:11:40 | 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 | | 17408:10:009F | 01-218/23:53:24 | 1ECf |
| 877 | 219 11:12:24 | 31 | | | | BEGIN RECORDING PWS DATA | | | 17408:10:734F | 01-218/23:54:07 | 1T |
| 878 | 219 11:12:24 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 17408:10:735F | 01-218/23:54:08 | 1ECd |
| 879 | 219 11:12:24 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:0847 | DTR | | 17408:10:735F | 01-218/23:54:08 | 1ESd |
| 880 | 219 11:12:28 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 17408:11:001F | 01-218/23:54:11 | 1ESf |
| 881 | 219 11:12:28 | 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 | | 17408:11:002F | 01-218/23:54:12 | 1ECs |
| 882 | 219 11:12:29 | 31 | | | | B- DRCRUS | | | 17408:11:018F | 01-218/23:54:12 | 1TB |
| 883 | 219 11:12:29 | 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 | | 17408:11:026F | 01-218/23:54:13 | 1ECf |
| 884 | 219 11:13:16 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 17408:12:001F | 01-218/23:54:59 | 1ESf |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|--|-----------|---------|---------------|-----------------|-----------|
| 885 | 219 11:13:16 | 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 | | 17408:12:002F | 01-218/23:55:00 | 1ECs |
| 886 | 219 11:13:16 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 17408:12:002F | 01-218/23:55:00 | 1ECd |
| 887 | 219 11:13:16 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:0554 | DTR | | 17408:12:002F | 01-218/23:55:00 | 1ESd |
| 888 | 219 11:14:04 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 17408:13:010F | 01-218/23:55:48 | 1ECf |
| 889 | 219 11:14:05 | 31 | | | | END PWSREC.31 | | | 17408:13:018F | 01-218/23:55:48 | 1T |
| 890 | 219 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 18M 16S | | | | | 1L |
| 891 | 219 14:21:59 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 892 | 219 14:31:18 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 893 | 219 17:50:00 | 31 | 65 AO | OPCH ACE | | AOS DSS-65 PASS-8761 (D/L ONLY) | | | | | 1DP |
| 894 | 219 21:54:50 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 895 | 220 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 18M 22S | | | | | 1L |
| 896 | 220 00:55:00 | 31 | 15 AO | OPCH ACE | | AOS DSS-15 PASS-8762 (D/L ONLY) | | | | | 1DP |
| 897 | 220 01:15:00 | 31 | 65 LO | OPCH ACE | | LOS DSS-65 PASS-8761 | | | | | 1DP |
| 898 | 220 01:58:26 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 899 | 220 02:15:00 | 31 | 15 LO | OPCH ACE | | LOS DSS-15 PASS-8762 | | | | | 1DP |
| 900 | 220 05:22:43 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 901 | 220 05:55:00 | 31 | 14 AO | OPCH ACE | | AOS DSS-14 PASS-8762 (U/L PASS) | | | | | 1DP |
| 902 | 220 08:50:00 | 31 | 45 AO | OPCH ACE | | AOS DSS-45 PASS-8762 (D/L ONLY) | | | | | 1DP |
| 903 | 220 09:10:00 | 31 | 14 LO | OPCH ACE | | LOS DSS-14 PASS-8762 | | | | | 1DP |
| 904 | 220 09:24:19 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|-----|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 930 | 221 07:40:01 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 17463:45:001F | 01-220/20:21:23 | 1ESf |
| 931 | 221 07:40:01 | 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 | | 17463:45:001F | 01-220/20:21:23 | 1ECs |
| 932 | 221 07:43:13 | 31 | | | SC06BB | (16 0 14 0) FDS MODE TO: EH-12 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : MOD CRUISE AACS READOUT MODE : TELEMETRY | FDS | | 17463:49:009F | 01-220/20:24:36 | 1ECf |
| 933 | 221 07:43:14 | 31 | | | SC06BB | (16 0 14 0) FDS MODE TO: EH-12 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : MOD CRUISE AACS READOUT MODE : TELEMETRY | FDS | | 17463:49:020F | 01-220/20:24:37 | 1ECf |
| 934 | 221 07:44:01 | 31 | | ACE OPCH | | FDS STATUS EH-12/X1.2K/S(N/A) MEM:PA/FDS11 | FDS | MC-12 | 17463:50:001F | 01-220/20:25:23 | 1ESf |
| 935 | 221 07:44:01 | 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 | | 17463:50:001F | 01-220/20:25:23 | 1ECs |
| 936 | 221 07:44:01 | 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 | | 17463:50:002F | 01-220/20:25:23 | 1ECs |
| 937 | 221 07:52:37 | 31 | | ACE OPCH | | >>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|---------|--|-----------|---------|---------------|-----------------|-----------|
| 938 | 221 07:56:49 | 31 | | | SC06BB | (16 0 02 0) FDS MODE TO: EH-12 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CCS MEM R/O AACS READOUT MODE : TELEMETRY | FDS | | 17464:06:008F | 01-220/20:38:12 | 1ECf |
| 939 | 221 07:56:50 | 31 | | | SC06PV | (8004) FDS TREE SWITCH ID CCS MEMORY READ OUT | FDS | | 17464:06:015F | 01-220/20:38:12 | 1ECf |
| 940 | 221 07:57:37 | 31 | | ACE OPCH | | FDS STATUS EH-12/X1.2K/S(N/A) MEM:PA/FDS11 | FDS | CCS R/O | 17464:07:001F | 01-220/20:38:59 | 1ESf |
| 941 | 221 08:01:25 | 31 | | ACE OPCH | | >>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 942 | 221 08:05:37 | 31 | | | SC06BB | (16 0 02 0) FDS MODE TO: EH-12 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CCS MEM R/O AACS READOUT MODE : TELEMETRY | FDS | | 17464:17:009F | 01-220/20:47:00 | 1ECf |
| 943 | 221 08:05:38 | 31 | | | SC06PV | (8005) FDS TREE SWITCH ID CCS MEMORY READ OUT | FDS | | 17464:17:015F | 01-220/20:47:00 | 1ECf |
| 944 | 221 08:06:25 | 31 | | ACE OPCH | | FDS STATUS EH-12/X1.2K/S(N/A) MEM:PA/FDS11 | FDS | CCS R/O | 17464:18:001F | 01-220/20:47:47 | 1ESf |
| 945 | 221 08:10:14 | 31 | | ACE OPCH | | >>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ | | | | | 11EC |
| 946 | 221 08:11:01 | 31 | | ACE OPCH | | >>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 947 | 221 08:15:13 | 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 | | 17464:29:009F | 01-220/20:56:36 | 1ECf |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 948 | 221 08:15:14 | 31 | | | CC3A | (32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ | MDS | | 17464:29:012F | 01-220/20:56:36 | 1ECs |
| 949 | 221 08:16:01 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 17464:30:001F | 01-220/20:57:23 | 1ESF |
| 950 | 221 09:20:21 | 31 | 10 | SET | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 951 | 221 10:15:00 | 31 | 43 | LO OPCH ACE | | LOS DSS-43 PASS-8763 | | | | | 1DP |
| 952 | 221 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 18M 39S | | | | | 1L |
| 953 | 221 14:14:07 | 31 | 60 | RISE | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 954 | 221 14:23:26 | 31 | 40 | SET | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 955 | 221 15:10:00 | 31 | 65 | AO OPCH ACE | | AOS DSS-65 PASS-8763 (D/L ONLY) | | | | | 1DP |
| 956 | 221 21:46:57 | 31 | 10 | RISE | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 957 | 221 23:00:00 | 31 | 25 | AO OPCH ACE | | AOS DSS-25 PASS-8764 (D/L ONLY) | | | | | 1DP |
| 958 | 221 23:25:00 | 31 | 65 | LO OPCH ACE | | LOS DSS-65 PASS-8763 | | | | | 1DP |
| 959 | 222 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 18M 44S | | | | | 1L |
| 960 | 222 01:50:30 | 31 | 60 | SET | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 961 | 222 05:14:47 | 31 | 40 | RISE | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 962 | 222 08:15:00 | 31 | 25 | LO OPCH ACE | | LOS DSS-25 PASS-8764 | | | | | 1DP |
| 963 | 222 09:16:23 | 31 | 10 | SET | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 964 | 222 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 18M 50S | | | | | 1L |
| 965 | 222 14:10:11 | 31 | 60 | RISE | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 966 | 222 14:19:30 | 31 | 40 | SET | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 967 | 222 15:20:00 | 31 | 65 | AO OPCH ACE | | AOS DSS-65 PASS-8764 (D/L ONLY) | | | | | 1DP |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|----------------------------------|-----------|---------|---------------|-----------------|-----------|
| 968 | 222 21:43:01 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 969 | 222 23:29:08 | 31 | | | AC7SSB | (3 +013) SS BIAS CONTROL - PITCH | AACS | | 17513:31:003F | 01-222/12:10:12 | 1Eca |
| 970 | 222 23:30:00 | 31 | 25 AO | OPCH ACE | | AOS DSS-25 PASS-8765 (D/L ONLY) | | | | | 1DP |
| 971 | 222 23:50:00 | 31 | 65 LO | OPCH ACE | | LOS DSS-65 PASS-8764 | | | | | 1DP |
| 972 | 223 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 18M 56S | | | | | 1L |
| 973 | 223 01:46:32 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 974 | 223 05:10:49 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 975 | 223 08:10:00 | 31 | 25 LO | OPCH ACE | | LOS DSS-25 PASS-8765 | | | | | 1DP |
| 976 | 223 09:12:25 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 977 | 223 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 19M 01S | | | | | 1L |
| 978 | 223 14:06:15 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 979 | 223 14:15:34 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 980 | 223 15:20:00 | 31 | 65 AO | OPCH ACE | | AOS DSS-65 PASS-8765 (D/L ONLY) | | | | | 1DP |
| 981 | 223 18:00:00 | 31 | 65 LO | OPCH ACE | | LOS DSS-65 PASS-8765 | | | | | 1DP |
| 982 | 223 20:30:00 | 31 | 65 AO | OPCH ACE | | AOS DSS-65 PASS-8765 (D/L ONLY) | | | | | 1DP |
| 983 | 223 21:39:05 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 984 | 224 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 19M 07S | | | | | 1L |
| 985 | 224 00:55:00 | 31 | 65 LO | OPCH ACE | | LOS DSS-65 PASS-8765 | | | | | 1DP |
| 986 | 224 01:42:34 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 987 | 224 04:50:00 | 31 | 15 AO | OPCH ACE | | AOS DSS-15 PASS-8766 (D/L ONLY) | | | | | 1DP |
| 988 | 224 05:06:51 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 989 | 224 08:05:00 | 31 | 15 LO | OPCH ACE | | LOS DSS-15 PASS-8766 | | | | | 1DP |
| 990 | 224 09:08:27 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|--|-----------|---------|-----------|----------|-----------|
| 991 | 224 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 19M 13S | | | | | 1L |
| 992 | 224 14:02:19 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 993 | 224 14:11:38 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 994 | 224 15:15:00 | 31 | 65 AO | OPCH ACE | | AOS DSS-65 PASS-8766 (D/L ONLY) | | | | | 1DP |
| 995 | 224 21:35:09 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 996 | 224 22:50:00 | 31 | 25 AO | OPCH ACE | | AOS DSS-25 PASS-8767 (D/L ONLY) | | | | | 1DP |
| 997 | 224 23:10:00 | 31 | 65 LO | OPCH ACE | | LOS DSS-65 PASS-8766 | | | | | 1DP |
| 998 | 225 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 19M 19S | | | | | 1L |
| 999 | 225 01:38:36 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1000 | 225 05:02:53 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1001 | 225 08:00:00 | 31 | 25 LO | OPCH ACE | | LOS DSS-25 PASS-8767 | | | | | 1DP |
| 1002 | 225 09:04:29 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1003 | 225 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 19M 24S | | | | | 1L |
| 1004 | 225 13:58:24 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1005 | 225 14:07:42 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1006 | 225 15:10:00 | 31 | 65 AO | OPCH ACE | | AOS DSS-65 PASS-8767 (D/L ONLY) | | | | | 1DP |
| 1007 | 225 21:31:14 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1008 | 225 21:55:00 | 31 | 14 AO | OPCH ACE | | AOS DSS-14 PASS-8768 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE | | | | | 1DP |
| 1009 | 225 22:15:00 | 31 | 65 LO | OPCH ACE | | LOS DSS-65 PASS-8767 | | | | | 1DP |
| 1010 | 226 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 19M 30S | | | | | 1L |
| 1011 | 226 01:34:38 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1012 | 226 04:15:00 | 31 | 14 LO | OPCH ACE | | LOS DSS-14 PASS-8768 | | | | | 1DP |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|-----|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 1026 | 226 10:49:47 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 17617:41:001F | 01-225/23:30:11 | 1ESf |
| 1027 | 226 10:49:47 | 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 | | 17617:41:002F | 01-225/23:30:12 | 1ECs |
| 1028 | 226 10:49:48 | 31 | | | | B- DRCRUS | | | 17617:41:018F | 01-225/23:30:12 | 1TB |
| 1029 | 226 10:49:48 | 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 | | 17617:41:026F | 01-225/23:30:13 | 1ECf |
| 1030 | 226 10:50:35 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 17617:42:001F | 01-225/23:30:59 | 1ESf |
| 1031 | 226 10:50:35 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 17617:42:002F | 01-225/23:31:00 | 1ECd |
| 1032 | 226 10:50:35 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:0255 | DTR | | 17617:42:002F | 01-225/23:31:00 | 1ESd |
| 1033 | 226 10:50:35 | 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 | | 17617:42:002F | 01-225/23:31:00 | 1ECs |
| 1034 | 226 10:51:23 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 17617:43:010F | 01-225/23:31:48 | 1ECf |
| 1035 | 226 10:51:24 | 31 | | | | END PWSREC.31 | | | 17617:43:018F | 01-225/23:31:48 | 1T |
| 1036 | 226 11:01:47 | 31 | | | | B- DTRMA-2.31 | | | 17617:56:001F | 01-225/23:42:11 | 1TB |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 1037 | 226 11:01:47 | 31 | | | | BEGIN DTRMA231 | | | 17617:56:001F | 01-225/23:42:11 | 1T |
| 1038 | 226 11:01:47 | 31 | | | CC16C | (2217) DTR STATE SELECT: SLEW | DTR | | 17617:56:001F | 01-225/23:42:11 | 1ECd |
| 1039 | 226 11:01:47 | 31 | | | | DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:7 TIC:0248 | DTR | | 17617:56:001F | 01-225/23:42:11 | 1ESd |
| 1040 | 226 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 19M 36S | | | | | 1L |
| 1041 | 226 13:36:18 | 31 | | | EOT | END OF TAPE | | | 17621:09:077F | 01-226/02:16:40 | 1Ed |
| 1042 | 226 13:45:49 | 31 | | | CC16C | (2228) DTR STATE SELECT: SLEW | DTR | | 17621:21:001F | 01-226/02:26:11 | 1ECd |
| 1043 | 226 13:45:49 | 31 | | | | DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:8 TIC:3585 | DTR | | 17621:21:001F | 01-226/02:26:11 | 1ESd |
| 1044 | 226 13:45:49 | 31 | | | EOT | END OF TAPE | | | 17621:21:010F | 01-226/02:26:12 | 1Ed |
| 1045 | 226 13:54:28 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1046 | 226 14:03:47 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1047 | 226 16:22:35 | 31 | | | BOT | BEGIN OF TAPE | | | 17624:36:749F | 01-226/05:02:56 | 1Ed |
| 1048 | 226 16:25:48 | 31 | | | | TAPE AT BOT | | | 17624:40:768F | 01-226/05:06:09 | 1T |
| 1049 | 226 16:25:48 | 31 | | | | END DTRMA231 | | | 17624:40:768F | 01-226/05:06:09 | 1T |
| 1050 | 226 16:29:50 | 31 | | | | TAPPOS-0250 | | | 17624:46:001F | 01-226/05:10:11 | 1T |
| 1051 | 226 16:29:50 | 31 | | | CC16C | (2211) DTR STATE SELECT: SLEW | DTR | | 17624:46:001F | 01-226/05:10:11 | 1ECd |
| 1052 | 226 16:29:50 | 31 | | | | DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0199 | DTR | | 17624:46:001F | 01-226/05:10:11 | 1ESd |
| 1053 | 226 16:29:50 | 31 | | | BOT | BEGIN OF TAPE | | | 17624:46:010F | 01-226/05:10:12 | 1Ed |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 1082 | 227 06:25:09 | 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 | | 17642:10:010F | 01-226/19:05:24 | 1ECf |
| 1083 | 227 06:25:57 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 17642:11:001F | 01-226/19:06:11 | 1ESf |
| 1084 | 227 06:25:57 | 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 | | 17642:11:002F | 01-226/19:06:11 | 1ECs |
| 1085 | 227 06:25:58 | 31 | | | | END PMPCALLR | | | 17642:11:018F | 01-226/19:06:12 | 1T |
| 1086 | 227 08:10:00 | 31 | 25 LO | OPCH ACE | | LOS DSS-25 PASS-8769 | | | | | 1DP |
| 1087 | 227 08:56:34 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1088 | 227 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 19M 47S | | | | | 1L |
| 1089 | 227 13:50:32 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1090 | 227 13:59:51 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1091 | 227 14:45:00 | 31 | 65 AO | OPCH ACE | | AOS DSS-65 PASS-8769 (D/L ONLY) | | | | | 1DP |
| 1092 | 227 18:15:00 | 31 | 65 LO | OPCH ACE | | LOS DSS-65 PASS-8769 | | | | | 1DP |
| 1093 | 227 21:23:22 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1094 | 228 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 19M 53S | | | | | 1L |
| 1095 | 228 01:26:42 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1096 | 228 04:45:00 | 31 | 15 AO | OPCH ACE | | AOS DSS-15 PASS-8770 (D/L ONLY) | | | | | 1DP |
| 1097 | 228 04:50:59 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1098 | 228 08:20:00 | 31 | 15 LO | OPCH ACE | | LOS DSS-15 PASS-8770 | | | | | 1DP |
| 1099 | 228 08:52:36 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|----------------------------------|-----------|---------|---------------|-----------------|-----------|
| 1100 | 228 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 19M 59S | | | | | 1L |
| 1101 | 228 13:46:37 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1102 | 228 13:55:56 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1103 | 228 19:25:00 | 31 | 65 AO | OPCH ACE | | AOS DSS-65 PASS-8770 (D/L ONLY) | | | | | 1DP |
| 1104 | 228 21:19:26 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1105 | 228 22:30:00 | 31 | 25 AO | OPCH ACE | | AOS DSS-25 PASS-8771 (D/L ONLY) | | | | | 1DP |
| 1106 | 228 22:50:00 | 31 | 65 LO | OPCH ACE | | LOS DSS-65 PASS-8770 | | | | | 1DP |
| 1107 | 229 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 20M 05S | | | | | 1L |
| 1108 | 229 01:22:44 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1109 | 229 04:10:00 | 31 | 15 AO | OPCH ACE | | AOS DSS-15 PASS-8771 (D/L ONLY) | | | | | 1DP |
| 1110 | 229 04:30:00 | 31 | 25 LO | OPCH ACE | | LOS DSS-25 PASS-8771 | | | | | 1DP |
| 1111 | 229 04:47:01 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1112 | 229 08:15:00 | 31 | 15 LO | OPCH ACE | | LOS DSS-15 PASS-8771 | | | | | 1DP |
| 1113 | 229 08:48:38 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1114 | 229 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 20M 11S | | | | | 1L |
| 1115 | 229 13:42:41 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1116 | 229 13:52:00 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1117 | 229 14:55:00 | 31 | 65 AO | OPCH ACE | | AOS DSS-65 PASS-8771 (D/L ONLY) | | | | | 1DP |
| 1118 | 229 21:11:15 | 31 | | | AC7SSB | (3 +014) SS BIAS CONTROL - PITCH | AACS | | 17720:37:003F | 01-229/09:51:00 | 1ECa |
| 1119 | 229 21:15:30 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1120 | 229 23:50:00 | 31 | 65 LO | OPCH ACE | | LOS DSS-65 PASS-8771 | | | | | 1DP |
| 1121 | 230 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 20M 16S | | | | | 1L |
| 1122 | 230 01:18:46 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|---------------------------------|-----------|---------|-----------|----------|-----------|
| 1123 | 230 04:43:03 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1124 | 230 08:44:40 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1125 | 230 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 20M 22S | | | | | 1L |
| 1126 | 230 13:38:46 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1127 | 230 13:48:05 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1128 | 230 21:11:35 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1129 | 230 22:10:00 | 31 | 25 AO | OPCH ACE | | AOS DSS-25 PASS-8773 (D/L ONLY) | | | | | 1DP |
| 1130 | 231 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 20M 28S | | | | | 1L |
| 1131 | 231 01:14:48 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1132 | 231 04:05:00 | 31 | 15 AO | OPCH ACE | | AOS DSS-15 PASS-8773 (D/L ONLY) | | | | | 1DP |
| 1133 | 231 04:25:00 | 31 | 25 LO | OPCH ACE | | LOS DSS-25 PASS-8773 | | | | | 1DP |
| 1134 | 231 04:39:05 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1135 | 231 08:10:00 | 31 | 15 LO | OPCH ACE | | LOS DSS-15 PASS-8773 | | | | | 1DP |
| 1136 | 231 08:40:43 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1137 | 231 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 20M 34S | | | | | 1L |
| 1138 | 231 13:34:50 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1139 | 231 13:44:09 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1140 | 231 14:45:00 | 31 | 65 AO | OPCH ACE | | AOS DSS-65 PASS-8773 (D/L ONLY) | | | | | 1DP |
| 1141 | 231 21:07:39 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1142 | 231 22:50:00 | 31 | 65 LO | OPCH ACE | | LOS DSS-65 PASS-8773 | | | | | 1DP |
| 1143 | 232 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 20M 40S | | | | | 1L |
| 1144 | 232 01:10:50 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1145 | 232 04:35:07 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|----------|---|-----------|---------|-----------|----------|-----------|
| 1146 | 232 08:36:45 | 31 | 10 | SET | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1147 | 232 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 20M 46S | | | | | 1L |
| 1148 | 232 13:30:55 | 31 | 60 | RISE | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1149 | 232 13:40:14 | 31 | 40 | SET | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1150 | 232 18:45:00 | 31 | 65 | AO | OPCH ACE | AOS DSS-65 PASS-8774 (D/L ONLY) | | | | | 1DP |
| 1151 | 232 21:03:44 | 31 | 10 | RISE | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1152 | 232 23:45:00 | 31 | 14 | AO | OPCH ACE | AOS DSS-14 PASS-8775 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE | | | | | 1DP |
| 1153 | 233 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 20M 51S | | | | | 1L |
| 1154 | 233 00:05:00 | 31 | 65 | LO | OPCH ACE | LOS DSS-65 PASS-8774 | | | | | 1DP |
| 1155 | 233 01:06:52 | 31 | 60 | SET | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1156 | 233 04:31:09 | 31 | 40 | RISE | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1157 | 233 06:55:00 | 31 | 14 | | OPCH 14 | == START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS == | | | | | 1TD |
| 1158 | 233 06:55:00 | 31 | 14 | | OPCH 14 | == TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL) | | | | | 1TD |
| 1159 | 233 06:56:00 | 31 | 14 | | OPCH 14 | == TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN | | | | | 1TD |
| 1160 | 233 06:57:00 | 31 | 14 | | OPCH 14 | == TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) == | | | | | 1TD |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 1174 | 233 10:27:05 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:0250 | DTR | | 17827:10:735F | 01-232/23:06:08 | 1ESd |
| 1175 | 233 10:27:09 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 17827:11:001F | 01-232/23:06:11 | 1ESf |
| 1176 | 233 10:27:09 | 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 | | 17827:11:002F | 01-232/23:06:12 | 1ECs |
| 1177 | 233 10:27:10 | 31 | | | | B- DRCRUS | | | 17827:11:018F | 01-232/23:06:12 | 1TB |
| 1178 | 233 10:27:10 | 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 | | 17827:11:026F | 01-232/23:06:13 | 1ECf |
| 1179 | 233 10:27:57 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 17827:12:001F | 01-232/23:06:59 | 1ESf |
| 1180 | 233 10:27:57 | 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 | | 17827:12:002F | 01-232/23:07:00 | 1ECs |
| 1181 | 233 10:27:57 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 17827:12:002F | 01-232/23:07:00 | 1ECd |
| 1182 | 233 10:27:57 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:0542 | DTR | | 17827:12:002F | 01-232/23:07:00 | 1ESd |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|---------------------------------|-----------|---------|-----------|----------|-----------|
| 1230 | 234 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 21M 09S | | | | | 1L |
| 1231 | 234 13:23:05 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1232 | 234 13:32:24 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1233 | 234 14:35:00 | 31 | 65 AO | OPCH ACE | | AOS DSS-65 PASS-8776 (D/L ONLY) | | | | | 1DP |
| 1234 | 234 20:55:53 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1235 | 234 23:40:00 | 31 | 24 AO | OPCH ACE | | AOS DSS-24 PASS-8777 (D/L ONLY) | | | | | 1DP |
| 1236 | 235 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 21M 15S | | | | | 1L |
| 1237 | 235 00:15:00 | 31 | 65 LO | OPCH ACE | | LOS DSS-65 PASS-8776 | | | | | 1DP |
| 1238 | 235 00:58:57 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1239 | 235 04:23:14 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1240 | 235 07:10:00 | 31 | 24 LO | OPCH ACE | | LOS DSS-24 PASS-8777 | | | | | 1DP |
| 1241 | 235 08:24:53 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1242 | 235 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 21M 21S | | | | | 1L |
| 1243 | 235 13:19:09 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1244 | 235 13:28:28 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1245 | 235 17:15:00 | 31 | 65 AO | OPCH ACE | | AOS DSS-65 PASS-8777 (D/L ONLY) | | | | | 1DP |
| 1246 | 235 20:51:58 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1247 | 236 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 21M 27S | | | | | 1L |
| 1248 | 236 00:25:00 | 31 | 65 LO | OPCH ACE | | LOS DSS-65 PASS-8777 | | | | | 1DP |
| 1249 | 236 00:54:59 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1250 | 236 01:30:00 | 31 | 25 AO | OPCH ACE | | AOS DSS-25 PASS-8778 (D/L ONLY) | | | | | 1DP |
| 1251 | 236 04:19:16 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1252 | 236 07:20:00 | 31 | 25 LO | OPCH ACE | | LOS DSS-25 PASS-8778 | | | | | 1DP |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|----------------------------------|-----------|---------|---------------|-----------------|-----------|
| 1253 | 236 08:20:55 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1254 | 236 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 21M 33S | | | | | 1L |
| 1255 | 236 13:15:14 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1256 | 236 13:24:33 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1257 | 236 16:50:00 | 31 | 65 AO | OPCH ACE | | AOS DSS-65 PASS-8778 (D/L ONLY) | | | | | 1DP |
| 1258 | 236 18:53:24 | 31 | | | AC7SSB | (3 +015) SS BIAS CONTROL - PITCH | AACS | | 17927:43:003F | 01-236/07:31:48 | 1ECa |
| 1259 | 236 19:05:00 | 31 | 65 LO | OPCH ACE | | LOS DSS-65 PASS-8778 | | | | | 1DP |
| 1260 | 236 20:48:02 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1261 | 237 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 21M 39S | | | | | 1L |
| 1262 | 237 00:51:02 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1263 | 237 04:15:19 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1264 | 237 04:45:00 | 31 | 25 AO | OPCH ACE | | AOS DSS-25 PASS-8779 (D/L ONLY) | | | | | 1DP |
| 1265 | 237 07:30:00 | 31 | 25 LO | OPCH ACE | | LOS DSS-25 PASS-8779 | | | | | 1DP |
| 1266 | 237 08:16:58 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1267 | 237 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 21M 45S | | | | | 1L |
| 1268 | 237 13:11:19 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1269 | 237 13:20:38 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1270 | 237 18:25:00 | 31 | 65 AO | OPCH ACE | | AOS DSS-65 PASS-8779 (D/L ONLY) | | | | | 1DP |
| 1271 | 237 20:44:07 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1272 | 237 23:30:00 | 31 | 24 AO | OPCH ACE | | AOS DSS-24 PASS-8780 (D/L ONLY) | | | | | 1DP |
| 1273 | 238 00:00:00 | 31 | 65 LO | OPCH ACE | | LOS DSS-65 PASS-8779 | | | | | 1DP |
| 1274 | 238 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 21M 50S | | | | | 1L |
| 1275 | 238 00:47:04 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|----------------------------------|-----------|---------|---------------|-----------------|-----------|
| 1276 | 238 03:00:00 | 31 | 24 LO | OPCH ACE | | LOS DSS-24 PASS-8780 | | | | | 1DP |
| 1277 | 238 03:30:00 | 31 | 25 AO | OPCH ACE | | AOS DSS-25 PASS-8780 (D/L ONLY) | | | | | 1DP |
| 1278 | 238 04:11:21 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1279 | 238 07:10:00 | 31 | 25 LO | OPCH ACE | | LOS DSS-25 PASS-8780 | | | | | 1DP |
| 1280 | 238 08:13:01 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1281 | 238 11:37:44 | 31 | | | AC7SSB | (4 +139) SS BIAS CONTROL --- YAW | AACS | | 17978:38:003F | 01-238/00:15:48 | 1ECa |
| 1282 | 238 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 21M 56S | | | | | 1L |
| 1283 | 238 13:07:24 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1284 | 238 13:16:43 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1285 | 238 14:05:00 | 31 | 65 AO | OPCH ACE | | AOS DSS-65 PASS-8780 (D/L ONLY) | | | | | 1DP |
| 1286 | 238 20:40:12 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1287 | 239 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 22M 02S | | | | | 1L |
| 1288 | 239 00:15:00 | 31 | 65 LO | OPCH ACE | | LOS DSS-65 PASS-8780 | | | | | 1DP |
| 1289 | 239 00:43:07 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1290 | 239 01:15:00 | 31 | 25 AO | OPCH ACE | | AOS DSS-25 PASS-8781 (D/L ONLY) | | | | | 1DP |
| 1291 | 239 04:07:24 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1292 | 239 07:20:00 | 31 | 25 LO | OPCH ACE | | LOS DSS-25 PASS-8781 | | | | | 1DP |
| 1293 | 239 08:09:03 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1294 | 239 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 22M 08S | | | | | 1L |
| 1295 | 239 13:03:29 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1296 | 239 13:12:48 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1297 | 239 14:00:00 | 31 | 65 AO | OPCH ACE | | AOS DSS-65 PASS-8781 (D/L ONLY) | | | | | 1DP |
| 1298 | 239 20:36:17 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 1314 | 240 10:04:27 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:0549 | DTR | | 18036:40:735F | 01-239/22:42:08 | 1ESd |
| 1315 | 240 10:04:31 | 31 | | ACE | OPCH | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 18036:41:001F | 01-239/22:42:11 | 1ESf |
| 1316 | 240 10:04:31 | 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 | | 18036:41:002F | 01-239/22:42:12 | 1ECs |
| 1317 | 240 10:04:32 | 31 | | | | B- DRCRUS | | | 18036:41:018F | 01-239/22:42:12 | 1TB |
| 1318 | 240 10:04:32 | 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 | | 18036:41:026F | 01-239/22:42:13 | 1ECf |
| 1319 | 240 10:05:19 | 31 | | ACE | OPCH | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 18036:42:001F | 01-239/22:42:59 | 1ESf |
| 1320 | 240 10:05:19 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 18036:42:002F | 01-239/22:43:00 | 1ECd |
| 1321 | 240 10:05:19 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:0841 | DTR | | 18036:42:002F | 01-239/22:43:00 | 1ESd |
| 1322 | 240 10:05:19 | 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 | | 18036:42:002F | 01-239/22:43:00 | 1ECs |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|--------|------------------|---------|--|--------------|------------|---------------|-----------------|--------------|
| 1323 | 240 10:06:07 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 18036:43:010F | 01-239/22:43:48 | 1ECf |
| 1324 | 240 10:06:08 | 31 | | | | END PWSREC.31 | | | 18036:43:018F | 01-239/22:43:48 | 1T |
| 1325 | 240 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 22M 20S | | | | | 1L |
| 1326 | 240 12:59:35 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1327 | 240 13:08:54 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1328 | 240 14:05:00 | 31 | 65 AO | OPCH ACE | | AOS DSS-65 PASS-8782 (D/L ONLY) | | | | | 1DP |
| 1329 | 240 18:05:00 | 31 | 65 LO | OPCH ACE | | LOS DSS-65 PASS-8782 | | | | | 1DP |
| 1330 | 240 20:32:22 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1331 | 241 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 22M 26S | | | | | 1L |
| 1332 | 241 00:35:12 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1333 | 241 03:59:29 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1334 | 241 08:01:09 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1335 | 241 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 22M 32S | | | | | 1L |
| 1336 | 241 12:55:40 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1337 | 241 13:04:59 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1338 | 241 13:50:00 | 31 | 65 AO | OPCH ACE | | AOS DSS-65 PASS-8783 (D/L ONLY) | | | | | 1DP |
| 1339 | 241 20:28:27 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1340 | 241 23:45:00 | 31 | 14 AO | OPCH ACE | | AOS DSS-14 PASS-8784 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE | | | | | 1DP |
| 1341 | 242 00:00:00 | 31 | 65 LO | OPCH ACE | | LOS DSS-65 PASS-8783 | | | | | 1DP |
| 1342 | 242 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 22M 38S | | | | | 1L |
| 1343 | 242 00:31:14 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1344 | 242 03:55:31 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|---------|--|-----------|---------|-----------|----------|-----------|
| 1345 | 242 06:05:00 | 31 | 14 | OPCH 14 | | == START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS == | | | | | 1TD |
| 1346 | 242 06:05:00 | 31 | 14 | OPCH 14 | | == TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL) | | | | | 1TD |
| 1347 | 242 06:06:00 | 31 | 14 | OPCH 14 | | == TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN | | | | | 1TD |
| 1348 | 242 06:07:00 | 31 | 14 | OPCH 14 | | == TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) == | | | | | 1TD |
| 1349 | 242 06:32:00 | 31 | 14 | OPCH 14 | | == END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND) | | | | | 1TD |
| 1350 | 242 06:55:00 | 31 | 14 | LO OPCH ACE | | LOS DSS-14 PASS-8784 | | | | | 1DP |
| 1351 | 242 07:57:12 | 31 | 10 | SET | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1352 | 242 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 22M 44S | | | | | 1L |
| 1353 | 242 12:51:45 | 31 | 60 | RISE | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1354 | 242 13:01:04 | 31 | 40 | SET | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1355 | 242 15:00:00 | 31 | 65 | AO OPCH ACE | | AOS DSS-65 PASS-8784 (D/L ONLY) | | | | | 1DP |
| 1356 | 242 20:24:32 | 31 | 10 | RISE | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1357 | 242 22:15:00 | 31 | 25 | AO OPCH ACE | | AOS DSS-25 PASS-8785 (D/L ONLY) | | | | | 1DP |
| 1358 | 242 22:35:00 | 31 | 65 | LO OPCH ACE | | LOS DSS-65 PASS-8784 | | | | | 1DP |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|----------|----------------------------------|-----------|---------|---------------|-----------------|-----------|
| 1359 | 243 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 22M 50S | | | | | 1L |
| 1360 | 243 00:27:17 | 31 | 60 | SET | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1361 | 243 03:51:34 | 31 | 40 | RISE | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1362 | 243 04:48:16 | 31 | | | | B- RFSTLC | | | 18120:05:001F | 01-242/17:25:23 | 1TB |
| 1363 | 243 05:17:38 | 31 | 25 | OPCH | 25 | == START TLC TEST DOWN-LINK == | | | | | 1TD |
| 1364 | 243 06:18:38 | 31 | 25 | OPCH | 25 | == END TLC TEST DOWN-LINK == | | | | | 1TD |
| 1365 | 243 07:05:00 | 31 | 25 | LO | OPCH ACE | LOS DSS-25 PASS-8785 | | | | | 1DP |
| 1366 | 243 07:53:15 | 31 | 10 | SET | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1367 | 243 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 22M 56S | | | | | 1L |
| 1368 | 243 12:47:50 | 31 | 60 | RISE | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1369 | 243 12:57:09 | 31 | 40 | SET | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1370 | 243 16:35:34 | 31 | | | AC7SSB | (3 +016) SS BIAS CONTROL - PITCH | AACS | | 18134:49:003F | 01-243/05:12:36 | 1ECa |
| 1371 | 243 20:20:37 | 31 | 10 | RISE | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1372 | 243 21:40:00 | 31 | 24 | AO | OPCH ACE | AOS DSS-24 PASS-8786 (D/L ONLY) | | | | | 1DP |
| 1373 | 244 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 23M 02S | | | | | 1L |
| 1374 | 244 00:23:20 | 31 | 60 | SET | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1375 | 244 02:00:00 | 31 | 24 | LO | OPCH ACE | LOS DSS-24 PASS-8786 | | | | | 1DP |
| 1376 | 244 03:47:37 | 31 | 40 | RISE | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1377 | 244 07:49:17 | 31 | 10 | SET | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1378 | 244 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 23M 08S | | | | | 1L |
| 1379 | 244 12:43:56 | 31 | 60 | RISE | | 10 DEGREE RISE DSC-60 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|----------|----------------------------------|-----------|---------|---------------|-----------------|-----------|
| 1380 | 244 12:53:15 | 31 | 40 | SET | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1381 | 244 18:55:00 | 31 | 65 | AO | OPCH ACE | AOS DSS-65 PASS-8786 (D/L ONLY) | | | | | 1DP |
| 1382 | 244 20:16:42 | 31 | 10 | RISE | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1383 | 244 23:50:00 | 31 | 65 | LO | OPCH ACE | LOS DSS-65 PASS-8786 | | | | | 1DP |
| 1384 | 245 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 23M 14S | | | | | 1L |
| 1385 | 245 00:19:22 | 31 | 60 | SET | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1386 | 245 02:45:00 | 31 | 15 | AO | OPCH ACE | AOS DSS-15 PASS-8787 (D/L ONLY) | | | | | 1DP |
| 1387 | 245 03:43:39 | 31 | 40 | RISE | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1388 | 245 07:15:00 | 31 | 15 | LO | OPCH ACE | LOS DSS-15 PASS-8787 | | | | | 1DP |
| 1389 | 245 07:45:20 | 31 | 10 | SET | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1390 | 245 09:03:54 | 31 | | | AC7SSB | (4 +140) SS BIAS CONTROL --- YAW | AACS | | 18185:24:003F | 01-244/21:40:36 | 1ECa |
| 1391 | 245 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 23M 20S | | | | | 1L |
| 1392 | 245 12:40:01 | 31 | 60 | RISE | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1393 | 245 12:49:20 | 31 | 40 | SET | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1394 | 245 13:35:00 | 31 | 65 | AO | OPCH ACE | AOS DSS-65 PASS-8787 (D/L ONLY) | | | | | 1DP |
| 1395 | 245 20:12:47 | 31 | 10 | RISE | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1396 | 245 23:45:00 | 31 | 65 | LO | OPCH ACE | LOS DSS-65 PASS-8787 | | | | | 1DP |
| 1397 | 246 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 23M 26S | | | | | 1L |
| 1398 | 246 00:00:00 | 31 | 14 | AO | OPCH ACE | AOS DSS-14 PASS-8788 (D/L ONLY) | | | | | 1DP |
| 1399 | 246 00:15:25 | 31 | 60 | SET | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1400 | 246 03:20:00 | 31 | 14 | LO | OPCH ACE | LOS DSS-14 PASS-8788 | | | | | 1DP |
| 1401 | 246 03:39:42 | 31 | 40 | RISE | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1402 | 246 07:41:23 | 31 | 10 | SET | | 10 DEGREE SET DSC-10 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|-----|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 1420 | 247 09:41:06 | 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 | | 18246:10:009F | 01-246/22:17:24 | 1ECf |
| 1421 | 247 09:41:50 | 31 | | | | BEGIN RECORDING PWS DATA | | | 18246:10:734F | 01-246/22:18:07 | 1T |
| 1422 | 247 09:41:50 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 18246:10:735F | 01-246/22:18:08 | 1ECd |
| 1423 | 247 09:41:50 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:0848 | DTR | | 18246:10:735F | 01-246/22:18:08 | 1ESd |
| 1424 | 247 09:41:54 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 18246:11:001F | 01-246/22:18:11 | 1ESf |
| 1425 | 247 09:41:54 | 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 | | 18246:11:002F | 01-246/22:18:12 | 1ECs |
| 1426 | 247 09:41:55 | 31 | | | | B- DRCRUS | | | 18246:11:018F | 01-246/22:18:12 | 1TB |
| 1427 | 247 09:41:55 | 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 | | 18246:11:026F | 01-246/22:18:13 | 1ECf |
| 1428 | 247 09:42:42 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 18246:12:001F | 01-246/22:18:59 | 1ESf |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|--------|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 1429 | 247 09:42:42 | 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 | | 18246:12:002F | 01-246/22:18:59 | 1ECs |
| 1430 | 247 09:42:42 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 18246:12:002F | 01-246/22:19:00 | 1ECd |
| 1431 | 247 09:42:42 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1140 | DTR | | 18246:12:002F | 01-246/22:19:00 | 1ESd |
| 1432 | 247 09:43:30 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 18246:13:010F | 01-246/22:19:48 | 1ECf |
| 1433 | 247 09:43:31 | 31 | | | | END PWSREC.31 | | | 18246:13:018F | 01-246/22:19:48 | 1T |
| 1434 | 247 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 23M 44S | | | | | 1L |
| 1435 | 247 12:32:12 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1436 | 247 12:41:31 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1437 | 247 20:04:58 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1438 | 248 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 23M 49S | | | | | 1L |
| 1439 | 248 00:07:31 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1440 | 248 03:31:48 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1441 | 248 03:55:00 | 31 | 14 AO | OPCH ACE | | AOS DSS-14 PASS-8790 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE | | | | | 1DP |
| 1442 | 248 07:33:30 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1443 | 248 07:45:00 | 31 | 14 LO | OPCH ACE | | LOS DSS-14 PASS-8790 | | | | | 1DP |
| 1444 | 248 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 23M 55S | | | | | 1L |
| 1445 | 248 12:28:18 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1446 | 248 12:37:37 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1447 | 248 20:01:03 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|----------|----------------------------------|-----------|---------|---------------|-----------------|-----------|
| 1448 | 249 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 24M 01S | | | | | 1L |
| 1449 | 249 00:03:34 | 31 | 60 | SET | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1450 | 249 03:27:51 | 31 | 40 | RISE | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1451 | 249 04:37:28 | 31 | | | | B- RFSTLC | | | 18299:50:001F | 01-248/17:13:23 | 1TB |
| 1452 | 249 07:05:00 | 31 | 34 | AO | OPCH ACE | AOS DSS-34 PASS-8791 (D/L ONLY) | | | | | 1DP |
| 1453 | 249 07:29:33 | 31 | 10 | SET | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1454 | 249 10:35:00 | 31 | 34 | LO | OPCH ACE | LOS DSS-34 PASS-8791 | | | | | 1DP |
| 1455 | 249 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 24M 07S | | | | | 1L |
| 1456 | 249 12:24:23 | 31 | 60 | RISE | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1457 | 249 12:33:42 | 31 | 40 | SET | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1458 | 249 19:57:08 | 31 | 10 | RISE | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1459 | 249 23:59:36 | 31 | 60 | SET | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1460 | 250 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 24M 13S | | | | | 1L |
| 1461 | 250 02:50:00 | 31 | 25 | AO | OPCH ACE | AOS DSS-25 PASS-8792 (D/L ONLY) | | | | | 1DP |
| 1462 | 250 03:23:53 | 31 | 40 | RISE | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1463 | 250 06:40:00 | 31 | 25 | LO | OPCH ACE | LOS DSS-25 PASS-8792 | | | | | 1DP |
| 1464 | 250 07:25:36 | 31 | 10 | SET | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1465 | 250 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 24M 19S | | | | | 1L |
| 1466 | 250 12:20:29 | 31 | 60 | RISE | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1467 | 250 12:29:48 | 31 | 40 | SET | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1468 | 250 14:17:44 | 31 | | | AC7SSB | (3 +017) SS BIAS CONTROL - PITCH | AACS | | 18341:55:003F | 01-250/02:53:24 | 1ECa |
| 1469 | 250 16:15:00 | 31 | 54 | AO | OPCH ACE | AOS DSS-54 PASS-8792 (U/L PASS) | | | | | 1DP |
| 1470 | 250 19:20:00 | 31 | 54 | LO | OPCH ACE | LOS DSS-54 PASS-8792 | | | | | 1DP |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|----------------------------------|-----------|---------|---------------|-----------------|-----------|
| 1471 | 250 19:53:14 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1472 | 250 20:35:00 | 31 | 15 AO | OPCH ACE | | AOS DSS-15 PASS-8793 (D/L ONLY) | | | | | 1DP |
| 1473 | 250 23:55:39 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1474 | 251 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 24M 25S | | | | | 1L |
| 1475 | 251 01:20:00 | 31 | 15 LO | OPCH ACE | | LOS DSS-15 PASS-8793 | | | | | 1DP |
| 1476 | 251 03:19:56 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1477 | 251 06:15:00 | 31 | 34 AO | OPCH ACE | | AOS DSS-34 PASS-8793 (D/L ONLY) | | | | | 1DP |
| 1478 | 251 07:21:39 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1479 | 251 10:25:00 | 31 | 34 LO | OPCH ACE | | LOS DSS-34 PASS-8793 | | | | | 1DP |
| 1480 | 251 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 24M 31S | | | | | 1L |
| 1481 | 251 12:16:35 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1482 | 251 12:25:54 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1483 | 251 19:49:19 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1484 | 251 23:51:42 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1485 | 252 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 24M 37S | | | | | 1L |
| 1486 | 252 03:05:00 | 31 | 43 AO | OPCH ACE | | AOS DSS-43 PASS-8794 (D/L ONLY) | | | | | 1DP |
| 1487 | 252 03:15:59 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1488 | 252 06:30:04 | 31 | | | AC7SSB | (4 +141) SS BIAS CONTROL --- YAW | AACS | | 18392:10:003F | 01-251/19:05:24 | 1ECa |
| 1489 | 252 07:00:00 | 31 | 43 LO | OPCH ACE | | LOS DSS-43 PASS-8794 | | | | | 1DP |
| 1490 | 252 07:17:42 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1491 | 252 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 24M 43S | | | | | 1L |
| 1492 | 252 12:12:40 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1493 | 252 12:21:59 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 1537 | 254 01:20:02 | 31 | | | SC06BB | (16 0 14 0) FDS MODE TO: EH-12 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : MOD CRUISE AACS READOUT MODE : TELEMETRY | FDS | | 18445:42:009F | 01-253/13:55:00 | 1ECf |
| 1538 | 254 01:20:50 | 31 | | | | B- MISCMD | | | 18445:43:001F | 01-253/13:55:47 | 1TB |
| 1539 | 254 01:20:50 | 31 | | | | MISCMD - | | | 18445:43:001F | 01-253/13:55:47 | 1T |
| 1540 | 254 01:20:50 | 31 | | ACE OPCH | | | FDS | MC-12 | 18445:43:001F | 01-253/13:55:47 | 1ESf |
| | | | | | | FDS STATUS EH-12/X1.2K/S(N/A) MEM:PA/FDS11 | | | | | |
| 1541 | 254 01:20:50 | 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 | | 18445:43:002F | 01-253/13:55:48 | 1ECs |
| 1542 | 254 01:40:02 | 31 | | | | B- MISCMD | | | 18446:07:001F | 01-253/14:14:59 | 1TB |
| 1543 | 254 01:40:02 | 31 | | | | MISCMD - | | | 18446:07:001F | 01-253/14:14:59 | 1T |
| 1544 | 254 01:40:02 | 31 | | | AC7PAR | (6742 001700) +ROLL DB=.10 DEG | AACS | | 18446:07:004F | 01-253/14:15:00 | 1ECa |
| 1545 | 254 01:44:49 | 31 | | | | CCS DRIBBLE R/O | | | 18446:12:784F | 01-253/14:19:46 | 1T |
| 1546 | 254 01:44:49 | 31 | | | | B- PASS.2 | | | 18446:12:784F | 01-253/14:19:46 | 1TB |
| 1547 | 254 01:44:50 | 31 | | | | B- PASS.3 | | | 18446:13:001F | 01-253/14:19:47 | 1TB |
| 1548 | 254 01:45:37 | 31 | | | | B- PASS.2 | | | 18446:13:784F | 01-253/14:20:34 | 1TB |
| 1549 | 254 01:45:38 | 31 | | | | B- PASS.3 | | | 18446:14:001F | 01-253/14:20:35 | 1TB |
| 1550 | 254 02:15:02 | 31 | | | | OVERRIDE EL LO SLEW | | | 18446:50:601F | 01-253/14:49:59 | 1T |
| 1551 | 254 02:15:02 | 31 | | | | B- MISCMD | | | 18446:50:601F | 01-253/14:49:59 | 1TB |
| 1552 | 254 02:15:02 | 31 | | | | MISCMD - | | | 18446:50:601F | 01-253/14:49:59 | 1T |
| 1553 | 254 02:30:02 | 31 | | | | OVERRIDE AZ VLO SLEW | | | 18447:09:401F | 01-253/15:04:59 | 1T |
| 1554 | 254 02:30:02 | 31 | | | | B- MISCMD | | | 18447:09:401F | 01-253/15:04:59 | 1TB |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 1592 | 254 03:10:26 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 18448:00:001F | 01-253/15:45:23 | 1ESf |
| 1593 | 254 03:10:26 | 31 | | | CC3A | (32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ | MDS | | 18448:00:002F | 01-253/15:45:23 | 1ECs |
| 1594 | 254 03:24:03 | 31 | | | | B- MISCMD | | | 18448:17:001F | 01-253/15:58:59 | 1TB |
| 1595 | 254 03:24:03 | 31 | | | | MISCMD - | | | 18448:17:001F | 01-253/15:58:59 | 1T |
| 1596 | 254 03:24:03 | 31 | | | AC7PAR | (6742 004540) +ROLL DB=.25 DEG | AACS | | 18448:17:004F | 01-253/15:59:00 | 1ECa |
| 1597 | 254 06:15:00 | 31 | 14 LO | OPCH ACE | | LOS DSS-14 PASS-8796 | | | | | 1DP |
| 1598 | 254 07:09:49 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1599 | 254 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 25M 07S | | | | | 1L |
| 1600 | 254 12:04:52 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1601 | 254 12:14:11 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1602 | 254 19:37:36 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1603 | 254 20:35:00 | 31 | 15 AO | OPCH ACE | | AOS DSS-15 PASS-8797 (D/L ONLY) | | | | | 1DP |
| 1604 | 254 20:52:12 | 31 | | | | B- MISCMD | | | 18470:07:018F | 01-254/09:27:00 | 1TB |
| 1605 | 254 20:52:12 | 31 | | | | MISCMD - | | | 18470:07:018F | 01-254/09:27:00 | 1T |
| 1606 | 254 20:52:12 | 31 | | | AC7PAR | (6740 001700) +PITCH DB=.10 DEG | AACS | | 18470:07:020F | 01-254/09:27:01 | 1ECa |
| 1607 | 254 21:00:11 | 31 | | | | B- GYONAB.31 | | | 18470:17:001F | 01-254/09:34:59 | 1TB |
| 1608 | 254 21:00:11 | 31 | | | | BEGIN GYONAB31 | | | 18470:17:001F | 01-254/09:34:59 | 1T |
| 1609 | 254 21:00:11 | 31 | | | AC7GYP | (000) DRIRU PATTERN CONTROL GYRO/AXIS=A/PITCH & YAW B/ROLL | AACS | | 18470:17:003F | 01-254/09:35:00 | 1ECa |
| 1610 | 254 21:00:11 | 31 | | | CC7GCRP | GYRO C OFF | PWR | | 18470:17:004F | 01-254/09:35:00 | 1ECp |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|--|-----------|---------|---------------|-----------------|-----------|
| 1611 | 254 21:00:11 | 31 | | | CC7GCRP | GYRO C OFF | PWR | | 18470:17:006F | 01-254/09:35:00 | 1ECp |
| 1612 | 254 21:00:11 | 31 | | | CC7PC | (372) GYRO C OFF | AACS | | 18470:17:008F | 01-254/09:35:00 | 1ECa |
| 1613 | 254 21:00:11 | 31 | | | CC7GBP | GYRO B ON | PWR | | 18470:17:009F | 01-254/09:35:00 | 1ECp |
| 1614 | 254 21:00:11 | 31 | | | | | AACS | | 18470:17:009F | 01-254/09:35:00 | 1ESa |
| | | | | | | AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF | | | | | |
| 1615 | 254 21:00:12 | 31 | | | CC7GBP | GYRO B ON | PWR | | 18470:17:011F | 01-254/09:35:00 | 1ECp |
| 1616 | 254 21:00:12 | 31 | | | CC7PC | (363) GYRO B ON | AACS | | 18470:17:013F | 01-254/09:35:00 | 1ECa |
| 1617 | 254 21:00:12 | 31 | | | CC7GAP | GYRO A ON | PWR | | 18470:17:014F | 01-254/09:35:00 | 1ECp |
| 1618 | 254 21:00:12 | 31 | | | | | AACS | | 18470:17:014F | 01-254/09:35:00 | 1ESa |
| | | | | | | AACS STATUS MODE : CRU GYRO A: ON HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF | | | | | |
| 1619 | 254 21:00:12 | 31 | | | CC7GAP | GYRO A ON | PWR | | 18470:17:016F | 01-254/09:35:00 | 1ECp |
| 1620 | 254 21:00:12 | 31 | | | CC7PC | (353) GYRO A ON | AACS | | 18470:17:018F | 01-254/09:35:00 | 1ECa |
| 1621 | 254 21:00:40 | 31 | | | | DRIRU INITIALIZATION | | | 18470:17:484F | 01-254/09:35:28 | 1T |
| 1622 | 254 21:00:41 | 31 | | | CC7GY | (3) DRIRU INITIALIZE [P/Y/R] | AACS | | 18470:17:502F | 01-254/09:35:30 | 1ECa |
| 1623 | 254 21:01:10 | 31 | | | | SET CALIB | | | 18470:18:184F | 01-254/09:35:58 | 1T |
| 1624 | 254 21:01:11 | 31 | | | AC7PAR | (7530 000001) PARAMETER LOAD | AACS | | 18470:18:204F | 01-254/09:36:00 | 1ECa |
| 1625 | 254 21:10:10 | 31 | | | | START GYRO FAULT TEST | | | 18470:29:384F | 01-254/09:44:58 | 1T |
| 1626 | 254 21:10:11 | 31 | | | CC7GY | (4) DRIRU FAULT TEST START | AACS | | 18470:29:402F | 01-254/09:45:00 | 1ECa |
| 1627 | 254 21:10:12 | 31 | | | | END GYONAB31 | | | 18470:29:418F | 01-254/09:45:00 | 1T |
| 1628 | 254 23:39:52 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|-----|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 1655 | 255 05:41:52 | 31 | | | | B- BASLIN.31 | | | 18481:09:001F | 01-254/18:16:35 | 1TB |
| 1656 | 255 05:41:52 | 31 | | | | BEGIN PWSREC.31 | | | 18481:09:001F | 01-254/18:16:35 | 1T |
| 1657 | 255 05:41:52 | 31 | | | | INITIATE PWSREC CYCLIC | | | 18481:09:001F | 01-254/18:16:35 | 1T |
| 1658 | 255 05:41:52 | 31 | | | | PWSREC LOOPS=6D23H36M 52 TIMES | | | 18481:09:001F | 01-254/18:16:35 | 1T |
| 1659 | 255 05:41:52 | 31 | | | SC32AJ | (10) PLS CONFIG CMD | FDS | | 18481:09:010F | 01-254/18:16:36 | 1ECf |
| 1660 | 255 05:42:40 | 31 | | | | B- DRGS4B | | | 18481:10:001F | 01-254/18:17:23 | 1TB |
| 1661 | 255 05:42:40 | 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 | | 18481:10:009F | 01-254/18:17:24 | 1ECf |
| 1662 | 255 05:43:24 | 31 | | | | BEGIN RECORDING PWS DATA | | | 18481:10:734F | 01-254/18:18:07 | 1T |
| 1663 | 255 05:43:24 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 18481:10:735F | 01-254/18:18:08 | 1ECd |
| 1664 | 255 05:43:24 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:1147 | DTR | | 18481:10:735F | 01-254/18:18:08 | 1ESd |
| 1665 | 255 05:43:28 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 18481:11:001F | 01-254/18:18:11 | 1ESf |
| 1666 | 255 05:43:28 | 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 | | 18481:11:002F | 01-254/18:18:12 | 1ECs |
| 1667 | 255 05:43:29 | 31 | | | | B- DRCRUS | | | 18481:11:018F | 01-254/18:18:12 | 1TB |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|--------|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 1668 | 255 05:43:29 | 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 | | 18481:11:026F | 01-254/18:18:13 | 1ECf |
| 1669 | 255 05:44:16 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 18481:12:001F | 01-254/18:18:59 | 1ESf |
| 1670 | 255 05:44:16 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 18481:12:002F | 01-254/18:19:00 | 1ECd |
| 1671 | 255 05:44:16 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1439 | DTR | | 18481:12:002F | 01-254/18:19:00 | 1ESd |
| 1672 | 255 05:44:16 | 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 | | 18481:12:002F | 01-254/18:19:00 | 1ECs |
| 1673 | 255 05:45:04 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 18481:13:010F | 01-254/18:19:48 | 1ECf |
| 1674 | 255 05:45:05 | 31 | | | | END PWSREC.31 | | | 18481:13:018F | 01-254/18:19:48 | 1T |
| 1675 | 255 06:30:00 | 31 | 34 AO | OPCH ACE | | AOS DSS-34 PASS-8797 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE | | | | | 1DP |
| 1676 | 255 07:05:52 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1677 | 255 09:30:00 | 31 | 34 LO | OPCH ACE | | LOS DSS-34 PASS-8797 | | | | | 1DP |
| 1678 | 255 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 25M 19S | | | | | 1L |
| 1679 | 255 12:00:58 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1680 | 255 12:10:17 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1681 | 255 19:33:42 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1682 | 255 20:45:00 | 31 | 25 AO | OPCH ACE | | AOS DSS-25 PASS-8798 (D/L ONLY) | | | | | 1DP |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|----------|----------------------------------|-----------|---------|---------------|-----------------|-----------|
| 1683 | 255 23:35:55 | 31 | 60 | SET | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1684 | 256 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 25M 25S | | | | | 1L |
| 1685 | 256 03:00:12 | 31 | 40 | RISE | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1686 | 256 06:00:00 | 31 | 25 | LO | OPCH ACE | LOS DSS-25 PASS-8798 | | | | | 1DP |
| 1687 | 256 06:25:00 | 31 | 34 | AO | OPCH ACE | AOS DSS-34 PASS-8798 (D/L ONLY) | | | | | 1DP |
| 1688 | 256 07:01:56 | 31 | 10 | SET | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1689 | 256 10:20:00 | 31 | 34 | LO | OPCH ACE | LOS DSS-34 PASS-8798 | | | | | 1DP |
| 1690 | 256 11:57:04 | 31 | 60 | RISE | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1691 | 256 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 25M 31S | | | | | 1L |
| 1692 | 256 12:06:23 | 31 | 40 | SET | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1693 | 256 19:29:48 | 31 | 10 | RISE | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1694 | 256 23:31:58 | 31 | 60 | SET | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1695 | 257 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 25M 36S | | | | | 1L |
| 1696 | 257 02:56:15 | 31 | 40 | RISE | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1697 | 257 03:15:00 | 31 | 15 | AO | OPCH ACE | AOS DSS-15 PASS-8799 (D/L ONLY) | | | | | 1DP |
| 1698 | 257 06:15:00 | 31 | 15 | LO | OPCH ACE | LOS DSS-15 PASS-8799 | | | | | 1DP |
| 1699 | 257 06:57:59 | 31 | 10 | SET | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1700 | 257 11:53:10 | 31 | 60 | RISE | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1701 | 257 11:59:54 | 31 | | | AC7SSB | (3 +018) SS BIAS CONTROL - PITCH | AACS | | 18549:01:002F | 01-257/00:34:12 | 1ECa |
| 1702 | 257 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 25M 42S | | | | | 1L |
| 1703 | 257 12:02:29 | 31 | 40 | SET | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1704 | 257 19:25:53 | 31 | 10 | RISE | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1705 | 257 23:28:02 | 31 | 60 | SET | | 10 DEGREE SET DSC-60 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|----------------------------------|-----------|---------|---------------|-----------------|-----------|
| 1706 | 258 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 25M 48S | | | | | 1L |
| 1707 | 258 02:52:19 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1708 | 258 04:50:00 | 31 | 34 AO | OPCH ACE | | AOS DSS-34 PASS-8800 (D/L ONLY) | | | | | 1DP |
| 1709 | 258 06:54:03 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1710 | 258 09:05:00 | 31 | 34 LO | OPCH ACE | | LOS DSS-34 PASS-8800 | | | | | 1DP |
| 1711 | 258 11:49:16 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1712 | 258 11:58:35 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1713 | 258 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 25M 54S | | | | | 1L |
| 1714 | 258 19:21:59 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1715 | 258 20:20:00 | 31 | 25 AO | OPCH ACE | | AOS DSS-25 PASS-8801 (D/L ONLY) | | | | | 1DP |
| 1716 | 258 22:00:59 | 31 | | | | B- MISCMD | | | 18591:32:001F | 01-258/10:34:59 | 1TB |
| 1717 | 258 22:00:59 | 31 | | | | MISCMD - Gyro Init | | | 18591:32:001F | 01-258/10:34:59 | 1T |
| 1718 | 258 22:00:59 | 31 | | | CC7GY | (3) DRIRU INITIALIZE [P/Y/R] | AACS | | 18591:32:002F | 01-258/10:34:59 | 1ECa |
| 1719 | 258 23:24:05 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1720 | 259 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 26M 00S | | | | | 1L |
| 1721 | 259 02:48:22 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1722 | 259 03:56:14 | 31 | | | AC7SSB | (4 +142) SS BIAS CONTROL --- YAW | AACS | | 18598:56:003F | 01-258/16:30:12 | 1ECa |
| 1723 | 259 05:50:00 | 31 | 25 LO | OPCH ACE | | LOS DSS-25 PASS-8801 | | | | | 1DP |
| 1724 | 259 06:50:07 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1725 | 259 11:45:22 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1726 | 259 11:54:41 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1727 | 259 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 26M 06S | | | | | 1L |
| 1728 | 259 19:18:05 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|---------------------------------|-----------|---------|---------------|-----------------|-----------|
| 1729 | 259 20:15:00 | 31 | 25 AO | OPCH ACE | | AOS DSS-25 PASS-8802 (D/L ONLY) | | | | | 1DP |
| 1730 | 259 23:20:08 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1731 | 260 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 26M 12S | | | | | 1L |
| 1732 | 260 02:44:25 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1733 | 260 06:00:00 | 31 | 25 LO | OPCH ACE | | LOS DSS-25 PASS-8802 | | | | | 1DP |
| 1734 | 260 06:46:10 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1735 | 260 11:41:28 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1736 | 260 11:50:47 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1737 | 260 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 26M 18S | | | | | 1L |
| 1738 | 260 19:14:11 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1739 | 260 20:10:00 | 31 | 25 AO | OPCH ACE | | AOS DSS-25 PASS-8803 (D/L ONLY) | | | | | 1DP |
| 1740 | 260 21:59:47 | 31 | | | | B- MEMUPD | | | 18651:30:001F | 01-260/10:33:23 | 1TB |
| 1741 | 260 21:59:47 | 31 | | | | MEMUPD - ENA AHELIO | | | 18651:30:001F | 01-260/10:33:23 | 1T |
| 1742 | 260 23:16:12 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1743 | 261 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 26M 24S | | | | | 1L |
| 1744 | 261 02:40:29 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1745 | 261 05:45:00 | 31 | 25 LO | OPCH ACE | | LOS DSS-25 PASS-8803 | | | | | 1DP |
| 1746 | 261 06:42:14 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1747 | 261 11:37:34 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1748 | 261 11:46:54 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1749 | 261 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 26M 29S | | | | | 1L |
| 1750 | 261 19:10:17 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-------|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 1751 | 261 20:45:00 | 31 | 14 AO | OPCH ACE | | AOS DSS-14 PASS-8804 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE | | | | | 1DP |
| 1752 | 261 21:57:12 | 31 | | | | B- MISCMD | | | 18681:26:434F | 01-261/10:30:37 | 1TB |
| 1753 | 261 21:57:12 | 31 | | | | MISCMD - | | | 18681:26:434F | 01-261/10:30:37 | 1T |
| 1754 | 261 21:57:12 | 31 | | | AC7PAR | (6740 000740) +PITCH DB=.05 DEG | AACS | | 18681:26:437F | 01-261/10:30:38 | 1ECa |
| 1755 | 261 22:43:47 | 31 | | ACE OPCH | | >>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 1756 | 261 22:43:47 | 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 |
| 1757 | 261 22:47:11 | 31 | | | | B- MAGROLAB.31 | | | 18682:29:001F | 01-261/11:20:35 | 1TB |
| 1758 | 261 22:47:11 | 31 | | | | BEGIN MAGROLAB31 | | | 18682:29:001F | 01-261/11:20:35 | 1T |
| 1759 | 261 22:47:11 | 31 | | | | B- YAW10 | | | 18682:29:001F | 01-261/11:20:35 | 1TB |
| 1760 | 261 22:47:11 | 31 | | | | YAW10 | | | 18682:29:001F | 01-261/11:20:35 | 1T |
| 1761 | 261 22:47:11 | 31 | | | AC7PAR | (6741 001700) +YAW DB=.10 DEG | AACS | | 18682:29:004F | 01-261/11:20:36 | 1ECa |
| 1762 | 261 22:48:00 | 31 | | | | B- DRCR5T | | | 18682:30:018F | 01-261/11:21:24 | 1TB |
| 1763 | 261 22:48:00 | 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 | | 18682:30:026F | 01-261/11:21:25 | 1ECf |
| 1764 | 261 22:48:47 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 18682:31:001F | 01-261/11:22:11 | 1ESf |
| 1765 | 261 22:48:47 | 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 | | 18682:31:002F | 01-261/11:22:12 | 1ECs |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|-----|------------------|---------|---|--------------|---------------|-----------------|-----------------|--------------|
| 1785 | 262 04:48:15 | 31 | | | AC7PAR | (7530 000000) PARAMETER LOAD | AACS | | 18690:00:220F | 01-261/17:21:37 | 1ECa |
| 1786 | 262 04:48:45 | 31 | | | CC7SS | (1) SS SEARCH ENABLE | AACS | | 18690:00:719F | 01-261/17:22:07 | 1ECa |
| 1787 | 262 04:48:45 | 31 | | | | AACS STATUS MODE : RAI GYRO A: ON HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF | AACS | 18690:00:719F | 01-261/17:22:07 | 1ESa | |
| 1788 | 262 04:48:45 | 31 | | | CC7PC | (327) IDET ACQUIRED | AACS | | 18690:00:719F | 01-261/17:22:07 | 1ECa |
| 1789 | 262 04:48:45 | 31 | | | CC7GCRP | GYRO C OFF | PWR | | 18690:00:720F | 01-261/17:22:07 | 1ECp |
| 1790 | 262 04:48:45 | 31 | | | CC7GCRP | GYRO C OFF | PWR | | 18690:00:722F | 01-261/17:22:07 | 1ECp |
| 1791 | 262 04:48:45 | 31 | | | CC7PC | (372) GYRO C OFF | AACS | | 18690:00:724F | 01-261/17:22:07 | 1ECa |
| 1792 | 262 04:48:45 | 31 | | | CC10CRP | TCM THRUSTER HEATERS OFF | PWR | | 18690:00:725F | 01-261/17:22:07 | 1ECp |
| 1793 | 262 04:48:45 | 31 | | | CC10CRP | TCM THRUSTER HEATERS OFF | PWR | | 18690:00:727F | 01-261/17:22:07 | 1ECp |
| 1794 | 262 04:48:46 | 31 | | | CC7PC | (312) DUMMY PWR CMD | AACS | | 18690:00:729F | 01-261/17:22:07 | 1ECa |
| 1795 | 262 04:54:45 | 31 | | | CC7CT | (07) CST FLYBACK AND SWEEP | AACS | | 18690:08:319F | 01-261/17:28:07 | 1ECa |
| 1796 | 262 04:55:50 | 31 | | | | GYROS OFF | | | 18690:09:601F | 01-261/17:29:11 | 1T |
| 1797 | 262 04:55:50 | 31 | | | | AACS STATUS MODE : CRU GYRO A: ON HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF | AACS | 18690:09:602F | 01-261/17:29:12 | 1ESa | |
| 1798 | 262 04:55:50 | 31 | | | CC7PC | (307) STAR ACQUIRED | AACS | | 18690:09:602F | 01-261/17:29:12 | 1ECa |
| 1799 | 262 04:55:50 | 31 | | | CC7GCRP | GYRO C OFF | PWR | | 18690:09:603F | 01-261/17:29:12 | 1ECp |
| 1800 | 262 04:55:50 | 31 | | | CC7GCRP | GYRO C OFF | PWR | | 18690:09:605F | 01-261/17:29:12 | 1ECp |
| 1801 | 262 04:55:50 | 31 | | | CC7PC | (372) GYRO C OFF | AACS | | 18690:09:607F | 01-261/17:29:12 | 1ECa |
| 1802 | 262 04:55:50 | 31 | | | CC7GBRP | GYRO B OFF | PWR | | 18690:09:608F | 01-261/17:29:12 | 1ECp |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 1833 | 262 05:19:14 | 31 | | | SC32AJ | (10) PLS CONFIG CMD | FDS | | 18690:39:009F | 01-261/17:52:36 | 1ECf |
| 1834 | 262 05:20:02 | 31 | | | | B- AHELIO.31 | | | 18690:40:001F | 01-261/17:53:23 | 1TB |
| 1835 | 262 05:20:02 | 31 | | | | ENABLE AHELIO | | | 18690:40:001F | 01-261/17:53:23 | 1T |
| 1836 | 262 05:20:02 | 31 | | | | B- DRGS4B | | | 18690:40:001F | 01-261/17:53:23 | 1TB |
| 1837 | 262 05:20:02 | 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 | | 18690:40:009F | 01-261/17:53:24 | 1ECf |
| 1838 | 262 05:20:46 | 31 | | | | BEGIN RECORDING PWS DATA | | | 18690:40:734F | 01-261/17:54:07 | 1T |
| 1839 | 262 05:20:46 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 18690:40:735F | 01-261/17:54:08 | 1ECd |
| 1840 | 262 05:20:46 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:1446 | DTR | | 18690:40:735F | 01-261/17:54:08 | 1ESd |
| 1841 | 262 05:20:50 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 18690:41:001F | 01-261/17:54:11 | 1ESf |
| 1842 | 262 05:20:50 | 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 | | 18690:41:002F | 01-261/17:54:12 | 1ECs |
| 1843 | 262 05:20:51 | 31 | | | | B- DRCRUS | | | 18690:41:018F | 01-261/17:54:12 | 1TB |
| 1844 | 262 05:20:51 | 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 | | 18690:41:026F | 01-261/17:54:13 | 1ECf |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 1845 | 262 05:21:38 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 18690:42:001F | 01-261/17:54:59 | 1ESf |
| 1846 | 262 05:21:38 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 18690:42:002F | 01-261/17:55:00 | 1ECd |
| 1847 | 262 05:21:38 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1738 | DTR | | 18690:42:002F | 01-261/17:55:00 | 1ESd |
| 1848 | 262 05:21:38 | 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 | | 18690:42:002F | 01-261/17:55:00 | 1ECs |
| 1849 | 262 05:22:26 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 18690:43:010F | 01-261/17:55:48 | 1ECf |
| 1850 | 262 05:22:27 | 31 | | | | END PWSREC.31 | | | 18690:43:018F | 01-261/17:55:48 | 1T |
| 1851 | 262 06:38:18 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1852 | 262 06:50:00 | 31 | 14 LO | OPCH ACE | | LOS DSS-14 PASS-8804 | | | | | 1DP |
| 1853 | 262 11:33:41 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 1854 | 262 11:43:00 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 1855 | 262 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 26M 41S | | | | | 1L |
| 1856 | 262 16:02:31 | 31 | | | CC16C | (2211) DTR STATE SELECT: SLEW | DTR | | 18704:03:002F | 01-262/04:35:48 | 1ECd |
| 1857 | 262 16:02:31 | 31 | | | | DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1745 | DTR | | 18704:03:002F | 01-262/04:35:48 | 1ESd |
| 1858 | 262 17:26:04 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 18705:47:340F | 01-262/05:59:20 | 1ECd |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 1859 | 262 17:26:04 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3550 | DTR | | 18705:47:340F | 01-262/05:59:20 | 1ESd |
| 1860 | 262 19:02:32 | 31 | | | CC16C | (7026) DTR STATE SELECT: READY | DTR | | 18707:48:002F | 01-262/07:35:48 | 1ECd |
| 1861 | 262 19:02:32 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:3550 | DTR | | 18707:48:002F | 01-262/07:35:48 | 1ESd |
| 1862 | 262 19:03:09 | 31 | | ACE | OPCH | >>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 1863 | 262 19:03:09 | 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 |
| 1864 | 262 19:03:57 | 31 | | ACE | OPCH | >>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 1865 | 262 19:03:57 | 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 |
| 1866 | 262 19:06:23 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1867 | 262 19:06:33 | 31 | | | | AHELIO PWSREC 01 | | | 18707:53:001F | 01-262/07:39:47 | 1T |
| 1868 | 262 19:06:33 | 31 | | | | B- PWSREC.31 | | | 18707:53:001F | 01-262/07:39:47 | 1TB |
| 1869 | 262 19:06:33 | 31 | | | | BEGIN PWSREC.31 | | | 18707:53:001F | 01-262/07:39:47 | 1T |
| 1870 | 262 19:06:33 | 31 | | | SC32AJ | (10) PLS CONFIG CMD | FDS | | 18707:53:009F | 01-262/07:39:48 | 1ECf |
| 1871 | 262 19:07:21 | 31 | | | | B- DRGS4B | | | 18707:54:001F | 01-262/07:40:35 | 1TB |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|-----|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 1872 | 262 19:07:21 | 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 | | 18707:54:009F | 01-262/07:40:36 | 1ECf |
| 1873 | 262 19:08:05 | 31 | | | | BEGIN RECORDING PWS DATA | | | 18707:54:734F | 01-262/07:41:19 | 1T |
| 1874 | 262 19:08:05 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 18707:54:735F | 01-262/07:41:20 | 1ECd |
| 1875 | 262 19:08:05 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:3550 | DTR | | 18707:54:735F | 01-262/07:41:20 | 1ESd |
| 1876 | 262 19:08:09 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 18707:55:001F | 01-262/07:41:23 | 1ESf |
| 1877 | 262 19:08:09 | 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 | | 18707:55:002F | 01-262/07:41:24 | 1ECs |
| 1878 | 262 19:08:10 | 31 | | | | B- DRCRUS | | | 18707:55:018F | 01-262/07:41:24 | 1TB |
| 1879 | 262 19:08:10 | 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 | | 18707:55:026F | 01-262/07:41:25 | 1ECf |
| 1880 | 262 19:08:57 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 18707:56:001F | 01-262/07:42:11 | 1ESf |
| 1881 | 262 19:08:57 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 18707:56:002F | 01-262/07:42:12 | 1ECd |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|----------|--|-----------|---------|---------------|-----------------|-----------|
| 1882 | 262 19:08:57 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:3257 | DTR | | 18707:56:002F | 01-262/07:42:12 | 1ESd |
| 1883 | 262 19:08:57 | 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 | | 18707:56:002F | 01-262/07:42:12 | 1ECs |
| 1884 | 262 19:09:45 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 18707:57:009F | 01-262/07:43:00 | 1ECF |
| 1885 | 262 19:09:46 | 31 | | | | END PWSREC.31 | | | 18707:57:018F | 01-262/07:43:00 | 1T |
| 1886 | 262 20:25:00 | 31 | 25 | AO | OPCH ACE | AOS DSS-25 PASS-8805 (D/L ONLY) | | | | | 1DP |
| 1887 | 262 23:08:19 | 31 | 60 | SET | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1888 | 263 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 26M 47S | | | | | 1L |
| 1889 | 263 02:32:36 | 31 | 40 | RISE | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1890 | 263 04:23:13 | 31 | | ACE | OPCH | >>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESF |
| 1891 | 263 04:23:13 | 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 |
| 1892 | 263 04:24:01 | 31 | | ACE | OPCH | >>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESF |
| 1893 | 263 04:24:01 | 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 |
| 1894 | 263 04:26:37 | 31 | | | | AHELIO PWSREC 02 | | | 18719:33:001F | 01-262/16:59:47 | 1T |
| 1895 | 263 04:26:37 | 31 | | | | B- PWSREC.31 | | | 18719:33:001F | 01-262/16:59:47 | 1TB |
| 1896 | 263 04:26:37 | 31 | | | | BEGIN PWSREC.31 | | | 18719:33:001F | 01-262/16:59:47 | 1T |
| 1897 | 263 04:26:37 | 31 | | | SC32AJ | (10) PLS CONFIG CMD | FDS | | 18719:33:009F | 01-262/16:59:48 | 1ECF |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 1898 | 263 04:27:25 | 31 | | | | B- DRGS4B | | | 18719:34:001F | 01-262/17:00:35 | 1TB |
| 1899 | 263 04:27:25 | 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 | | 18719:34:009F | 01-262/17:00:36 | 1ECf |
| 1900 | 263 04:28:09 | 31 | | | | BEGIN RECORDING PWS DATA | | | 18719:34:734F | 01-262/17:01:19 | 1T |
| 1901 | 263 04:28:09 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 18719:34:735F | 01-262/17:01:20 | 1ECd |
| 1902 | 263 04:28:09 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:3251 | DTR | | 18719:34:735F | 01-262/17:01:20 | 1ESd |
| 1903 | 263 04:28:13 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 18719:35:001F | 01-262/17:01:23 | 1ESf |
| 1904 | 263 04:28:13 | 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 | | 18719:35:002F | 01-262/17:01:24 | 1ECs |
| 1905 | 263 04:28:14 | 31 | | | | B- DRCRUS | | | 18719:35:018F | 01-262/17:01:24 | 1TB |
| 1906 | 263 04:28:14 | 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 | | 18719:35:026F | 01-262/17:01:25 | 1ECf |
| 1907 | 263 04:29:01 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 18719:36:001F | 01-262/17:02:11 | 1ESf |
| 1908 | 263 04:29:01 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 18719:36:002F | 01-262/17:02:12 | 1ECd |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 1925 | 263 13:46:42 | 31 | | | SC32AJ | (10) PLS CONFIG CMD | FDS | | 18731:13:009F | 01-263/02:19:48 | 1ECf |
| 1926 | 263 13:47:30 | 31 | | | | B- DRGS4B | | | 18731:14:001F | 01-263/02:20:35 | 1TB |
| 1927 | 263 13:47:30 | 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 | | 18731:14:009F | 01-263/02:20:36 | 1ECf |
| 1928 | 263 13:48:14 | 31 | | | | BEGIN RECORDING PWS DATA | | | 18731:14:734F | 01-263/02:21:19 | 1T |
| 1929 | 263 13:48:14 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 18731:14:735F | 01-263/02:21:20 | 1ECd |
| 1930 | 263 13:48:14 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:2952 | DTR | | 18731:14:735F | 01-263/02:21:20 | 1ESd |
| 1931 | 263 13:48:18 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 18731:15:001F | 01-263/02:21:23 | 1ESf |
| 1932 | 263 13:48:18 | 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 | | 18731:15:002F | 01-263/02:21:24 | 1ECs |
| 1933 | 263 13:48:19 | 31 | | | | B- DRCRUS | | | 18731:15:018F | 01-263/02:21:24 | 1TB |
| 1934 | 263 13:48:19 | 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 | | 18731:15:026F | 01-263/02:21:25 | 1ECf |
| 1935 | 263 13:49:06 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 18731:16:001F | 01-263/02:22:11 | 1ESf |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 1936 | 263 13:49:06 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 18731:16:002F | 01-263/02:22:12 | 1ECd |
| 1937 | 263 13:49:06 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2659 | DTR | | 18731:16:002F | 01-263/02:22:12 | 1ESd |
| 1938 | 263 13:49:06 | 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 | | 18731:16:002F | 01-263/02:22:12 | 1ECs |
| 1939 | 263 13:49:54 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 18731:17:009F | 01-263/02:23:00 | 1ECf |
| 1940 | 263 13:49:55 | 31 | | | | END PWSREC.31 | | | 18731:17:018F | 01-263/02:23:00 | 1T |
| 1941 | 263 19:02:29 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 1942 | 263 23:03:22 | 31 | | ACE OPCH | | >>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 1943 | 263 23:03:22 | 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 |
| 1944 | 263 23:04:10 | 31 | | ACE OPCH | | >>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 1945 | 263 23:04:10 | 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 |
| 1946 | 263 23:04:23 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 1947 | 263 23:06:46 | 31 | | | | AHELIO PWSREC 04 | | | 18742:53:001F | 01-263/11:39:47 | 1T |
| 1948 | 263 23:06:46 | 31 | | | | B- PWSREC.31 | | | 18742:53:001F | 01-263/11:39:47 | 1TB |
| 1949 | 263 23:06:46 | 31 | | | | BEGIN PWSREC.31 | | | 18742:53:001F | 01-263/11:39:47 | 1T |
| 1950 | 263 23:06:46 | 31 | | | SC32AJ | (10) PLS CONFIG CMD | FDS | | 18742:53:009F | 01-263/11:39:48 | 1ECf |
| 1951 | 263 23:07:34 | 31 | | | | B- DRGS4B | | | 18742:54:001F | 01-263/11:40:35 | 1TB |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|-----|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 1952 | 263 23:07:34 | 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 | | 18742:54:009F | 01-263/11:40:36 | 1ECf |
| 1953 | 263 23:08:18 | 31 | | | | BEGIN RECORDING PWS DATA | | | 18742:54:734F | 01-263/11:41:19 | 1T |
| 1954 | 263 23:08:18 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 18742:54:735F | 01-263/11:41:20 | 1ECd |
| 1955 | 263 23:08:18 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:2653 | DTR | | 18742:54:735F | 01-263/11:41:20 | 1ESd |
| 1956 | 263 23:08:22 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 18742:55:001F | 01-263/11:41:23 | 1ESf |
| 1957 | 263 23:08:22 | 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 | | 18742:55:002F | 01-263/11:41:24 | 1ECs |
| 1958 | 263 23:08:23 | 31 | | | | B- DRCRUS | | | 18742:55:018F | 01-263/11:41:24 | 1TB |
| 1959 | 263 23:08:23 | 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 | | 18742:55:026F | 01-263/11:41:25 | 1ECf |
| 1960 | 263 23:09:10 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 18742:56:001F | 01-263/11:42:11 | 1ESf |
| 1961 | 263 23:09:10 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 18742:56:002F | 01-263/11:42:12 | 1ECd |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|------------|----------------------------|----------|--------|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 1962 | 263 23:09:10 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2360 | DTR | | 18742:56:002F | 01-263/11:42:12 | 1ESd |
| 1963 | 263 23:09:10 | 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 | | 18742:56:002F | 01-263/11:42:12 | 1ECs |
| 1964 | 263 23:09:58 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 18742:57:009F | 01-263/11:43:00 | 1ECF |
| 1965 | 263 23:09:59 | 31 | | | | END PWSREC.31 | | | 18742:57:018F | 01-263/11:43:00 | 1T |
| 1966 | 263 23:30:00 | 31 | 15 AO | OPCH ACE | | AOS DSS-15 PASS-8806 (D/L ONLY) | | | | | 1DP |
| 1967 | 264 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 26M 59S | | | | | 1L |
| 1968 | 264 02:28:39 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 1969 | 264 05:45:00 | 31 | 15 LO | OPCH ACE | | LOS DSS-15 PASS-8806 | | | | | 1DP |
| 1970 | 264 06:30:25 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 1971 | 264 08:23:27 | 31 | | ACE OPCH | | >>>>>>> 5 MIN WARNING <<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 1972 | 264 08:23:27 | 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 |
| 1973 | 264 08:24:15 | 31 | | ACE OPCH | | >>>>>>> 5 MIN WARNING <<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 1974 | 264 08:24:15 | 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 |
| 1975 | 264 08:26:51 | 31 | | | | AHELIO PWSREC 05 | | | 18754:33:001F | 01-263/20:59:47 | 1T |
| 1976 | 264 08:26:51 | 31 | | | | B- PWSREC.31 | | | 18754:33:001F | 01-263/20:59:47 | 1TB |
| 1977 | 264 08:26:51 | 31 | | | | BEGIN PWSREC.31 | | | 18754:33:001F | 01-263/20:59:47 | 1T |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 1978 | 264 08:26:51 | 31 | | | SC32AJ | (10) PLS CONFIG CMD | FDS | | 18754:33:009F | 01-263/20:59:48 | 1ECf |
| 1979 | 264 08:27:39 | 31 | | | | B- DRGS4B | | | 18754:34:001F | 01-263/21:00:35 | 1TB |
| 1980 | 264 08:27:39 | 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 | | 18754:34:009F | 01-263/21:00:36 | 1ECf |
| 1981 | 264 08:28:23 | 31 | | | | BEGIN RECORDING PWS DATA | | | 18754:34:734F | 01-263/21:01:19 | 1T |
| 1982 | 264 08:28:23 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 18754:34:735F | 01-263/21:01:20 | 1ECd |
| 1983 | 264 08:28:23 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:2354 | DTR | | 18754:34:735F | 01-263/21:01:20 | 1ESd |
| 1984 | 264 08:28:27 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 18754:35:001F | 01-263/21:01:23 | 1ESf |
| 1985 | 264 08:28:27 | 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 | | 18754:35:002F | 01-263/21:01:24 | 1ECs |
| 1986 | 264 08:28:28 | 31 | | | | B- DRCRUS | | | 18754:35:018F | 01-263/21:01:24 | 1TB |
| 1987 | 264 08:28:28 | 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 | | 18754:35:026F | 01-263/21:01:25 | 1ECf |
| 1988 | 264 08:29:15 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 18754:36:001F | 01-263/21:02:11 | 1ESf |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|---|-----------|---------------|-----------------|-----------------|-----------|
| 1989 | 264 08:29:15 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 18754:36:002F | 01-263/21:02:12 | 1ECd |
| 1990 | 264 08:29:15 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2061 | DTR | 18754:36:002F | 01-263/21:02:12 | 1ESd | |
| 1991 | 264 08:29:15 | 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 | 18754:36:002F | 01-263/21:02:12 | 1ECs | |
| 1992 | 264 08:30:03 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | 18754:37:009F | 01-263/21:03:00 | 1ECf | |
| 1993 | 264 08:30:04 | 31 | | | | END PWSREC.31 | | 18754:37:018F | 01-263/21:03:00 | 1T | |
| 1994 | 264 11:25:53 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | 1V | |
| 1995 | 264 11:35:13 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | 1V | |
| 1996 | 264 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 27M 04S | | | | 1L | |
| 1997 | 264 17:47:31 | 31 | | ACE | OPCH | >>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | 1ESf | |
| 1998 | 264 17:47:31 | 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 | |
| 1999 | 264 17:48:19 | 31 | | ACE | OPCH | >>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | 1ESf | |
| 2000 | 264 17:48:19 | 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 | |
| 2001 | 264 17:50:55 | 31 | | | | AHELIO PWSREC 06 | | 18766:18:001F | 01-264/06:23:47 | 1T | |
| 2002 | 264 17:50:55 | 31 | | | | B- PWSREC.31 | | 18766:18:001F | 01-264/06:23:47 | 1TB | |
| 2003 | 264 17:50:55 | 31 | | | | BEGIN PWSREC.31 | | 18766:18:001F | 01-264/06:23:47 | 1T | |
| 2004 | 264 17:50:55 | 31 | | | SC32AJ | (10) PLS CONFIG CMD | FDS | 18766:18:009F | 01-264/06:23:48 | 1ECf | |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 2005 | 264 17:51:43 | 31 | | | | B- DRGS4B | | | 18766:19:001F | 01-264/06:24:35 | 1TB |
| 2006 | 264 17:51:43 | 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 | | 18766:19:009F | 01-264/06:24:36 | 1ECf |
| 2007 | 264 17:52:27 | 31 | | | | BEGIN RECORDING PWS DATA | | | 18766:19:734F | 01-264/06:25:19 | 1T |
| 2008 | 264 17:52:27 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 18766:19:735F | 01-264/06:25:20 | 1ECd |
| 2009 | 264 17:52:27 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:2055 | DTR | | 18766:19:735F | 01-264/06:25:20 | 1ESd |
| 2010 | 264 17:52:31 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 18766:20:001F | 01-264/06:25:23 | 1ESf |
| 2011 | 264 17:52:31 | 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 | | 18766:20:002F | 01-264/06:25:24 | 1ECs |
| 2012 | 264 17:52:32 | 31 | | | | B- DRCRUS | | | 18766:20:018F | 01-264/06:25:24 | 1TB |
| 2013 | 264 17:52:32 | 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 | | 18766:20:026F | 01-264/06:25:25 | 1ECf |
| 2014 | 264 17:53:19 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 18766:21:001F | 01-264/06:26:11 | 1ESf |
| 2015 | 264 17:53:19 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 18766:21:002F | 01-264/06:26:12 | 1ECd |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|----------|--------|------------------|---------|--|--------------|------------|---------------|-----------------|--------------|
| 2016 | 264 17:53:19 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1762 | DTR | | 18766:21:002F | 01-264/06:26:12 | 1ESd |
| 2017 | 264 17:53:19 | 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 | | 18766:21:002F | 01-264/06:26:12 | 1ECs |
| 2018 | 264 17:54:07 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 18766:22:009F | 01-264/06:27:00 | 1ECF |
| 2019 | 264 17:54:08 | 31 | | | | END PWSREC.31 | | | 18766:22:018F | 01-264/06:27:00 | 1T |
| 2020 | 264 18:58:35 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 2021 | 264 19:55:00 | 31 | 25 AO | OPCH ACE | | AOS DSS-25 PASS-8807 (D/L ONLY) | | | | | 1DP |
| 2022 | 264 23:00:26 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 2023 | 265 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 27M 10S | | | | | 1L |
| 2024 | 265 02:24:43 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 2025 | 265 03:07:36 | 31 | | ACE OPCH | | >>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESF |
| 2026 | 265 03:07:36 | 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 |
| 2027 | 265 03:08:24 | 31 | | ACE OPCH | | >>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESF |
| 2028 | 265 03:08:24 | 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 |
| 2029 | 265 03:11:00 | 31 | | | | AHELIO PWSREC 07 | | | 18777:58:001F | 01-264/15:43:47 | 1T |
| 2030 | 265 03:11:00 | 31 | | | | B- PWSREC.31 | | | 18777:58:001F | 01-264/15:43:47 | 1TB |
| 2031 | 265 03:11:00 | 31 | | | | BEGIN PWSREC.31 | | | 18777:58:001F | 01-264/15:43:47 | 1T |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 2032 | 265 03:11:00 | 31 | | | SC32AJ | (10) PLS CONFIG CMD | FDS | | 18777:58:009F | 01-264/15:43:48 | 1ECf |
| 2033 | 265 03:11:48 | 31 | | | | B- DRGS4B | | | 18777:59:001F | 01-264/15:44:35 | 1TB |
| 2034 | 265 03:11:48 | 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 | | 18777:59:009F | 01-264/15:44:36 | 1ECf |
| 2035 | 265 03:12:32 | 31 | | | | BEGIN RECORDING PWS DATA | | | 18777:59:734F | 01-264/15:45:19 | 1T |
| 2036 | 265 03:12:32 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 18777:59:735F | 01-264/15:45:20 | 1ECd |
| 2037 | 265 03:12:32 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:1756 | DTR | | 18777:59:735F | 01-264/15:45:20 | 1ESd |
| 2038 | 265 03:12:36 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 18778:00:001F | 01-264/15:45:23 | 1ESf |
| 2039 | 265 03:12:36 | 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 | | 18778:00:002F | 01-264/15:45:24 | 1ECs |
| 2040 | 265 03:12:37 | 31 | | | | B- DRCRUS | | | 18778:00:018F | 01-264/15:45:24 | 1TB |
| 2041 | 265 03:12:37 | 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 | | 18778:00:026F | 01-264/15:45:25 | 1ECf |
| 2042 | 265 03:13:24 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 18778:01:001F | 01-264/15:46:11 | 1ESf |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|--------|------------------|---------|---|--------------|---------------|-----------------|-----------------|--------------|
| 2043 | 265 03:13:24 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 18778:01:002F | 01-264/15:46:12 | 1ECd |
| 2044 | 265 03:13:24 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1463 | DTR | 18778:01:002F | 01-264/15:46:12 | 1ESd | |
| 2045 | 265 03:13:24 | 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 | 18778:01:002F | 01-264/15:46:12 | 1ECs | |
| 2046 | 265 03:14:12 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | 18778:02:009F | 01-264/15:47:00 | 1ECf | |
| 2047 | 265 03:14:13 | 31 | | | | END PWSREC.31 | | 18778:02:018F | 01-264/15:47:00 | 1T | |
| 2048 | 265 05:40:00 | 31 | 25 LO | OPCH ACE | | LOS DSS-25 PASS-8807 | | | | | 1DP |
| 2049 | 265 06:26:29 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 2050 | 265 11:22:00 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 2051 | 265 11:31:19 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 2052 | 265 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 27M 16S | | | | | 1L |
| 2053 | 265 12:27:40 | 31 | | ACE OPCH | | >>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 2054 | 265 12:27:40 | 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 |
| 2055 | 265 12:28:28 | 31 | | ACE OPCH | | >>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 2056 | 265 12:28:28 | 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 |
| 2057 | 265 12:31:04 | 31 | | | | AHELIO PWSREC 08 | | 18789:38:001F | 01-265/01:03:47 | | 1T |
| 2058 | 265 12:31:04 | 31 | | | | B- PWSREC.31 | | 18789:38:001F | 01-265/01:03:47 | | 1TB |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 2059 | 265 12:31:04 | 31 | | | | BEGIN PWSREC.31 | | | 18789:38:001F | 01-265/01:03:47 | 1T |
| 2060 | 265 12:31:04 | 31 | | | SC32AJ | (10) PLS CONFIG CMD | FDS | | 18789:38:009F | 01-265/01:03:48 | 1ECf |
| 2061 | 265 12:31:52 | 31 | | | | B- DRGS4B | | | 18789:39:001F | 01-265/01:04:35 | 1TB |
| 2062 | 265 12:31:52 | 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 | | 18789:39:009F | 01-265/01:04:36 | 1ECf |
| 2063 | 265 12:32:36 | 31 | | | | BEGIN RECORDING PWS DATA | | | 18789:39:734F | 01-265/01:05:19 | 1T |
| 2064 | 265 12:32:36 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 18789:39:735F | 01-265/01:05:20 | 1ECd |
| 2065 | 265 12:32:36 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:1457 | DTR | | 18789:39:735F | 01-265/01:05:20 | 1ESd |
| 2066 | 265 12:32:40 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 18789:40:001F | 01-265/01:05:23 | 1ESf |
| 2067 | 265 12:32:40 | 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 | | 18789:40:002F | 01-265/01:05:24 | 1ECs |
| 2068 | 265 12:32:41 | 31 | | | | B- DRCRUS | | | 18789:40:018F | 01-265/01:05:24 | 1TB |
| 2069 | 265 12:32:41 | 31 | | | SC06BB | (53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY | FDS | | 18789:40:026F | 01-265/01:05:25 | 1ECf |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|-----|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 2084 | 265 21:51:09 | 31 | | | | BEGIN PWSREC.31 | | | 18801:18:001F | 01-265/10:23:47 | 1T |
| 2085 | 265 21:51:09 | 31 | | | SC32AJ | (10) PLS CONFIG CMD | FDS | | 18801:18:009F | 01-265/10:23:48 | 1ECf |
| 2086 | 265 21:51:57 | 31 | | | | B- DRGS4B | | | 18801:19:001F | 01-265/10:24:35 | 1TB |
| 2087 | 265 21:51:57 | 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 | | 18801:19:009F | 01-265/10:24:36 | 1ECf |
| 2088 | 265 21:52:41 | 31 | | | | BEGIN RECORDING PWS DATA | | | 18801:19:734F | 01-265/10:25:19 | 1T |
| 2089 | 265 21:52:41 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 18801:19:735F | 01-265/10:25:20 | 1ECd |
| 2090 | 265 21:52:41 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:1157 | DTR | | 18801:19:735F | 01-265/10:25:20 | 1ESd |
| 2091 | 265 21:52:45 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 18801:20:001F | 01-265/10:25:23 | 1ESf |
| 2092 | 265 21:52:45 | 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 | | 18801:20:002F | 01-265/10:25:24 | 1ECs |
| 2093 | 265 21:52:46 | 31 | | | | B- DRCRUS | | | 18801:20:018F | 01-265/10:25:24 | 1TB |
| 2094 | 265 21:52:46 | 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 | | 18801:20:026F | 01-265/10:25:25 | 1ECf |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|--|-----------|---------|---------------|-----------------|-----------|
| 2095 | 265 21:53:33 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 18801:21:001F | 01-265/10:26:11 | 1ESf |
| 2096 | 265 21:53:33 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 18801:21:002F | 01-265/10:26:12 | 1ECd |
| 2097 | 265 21:53:33 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0865 | DTR | | 18801:21:002F | 01-265/10:26:12 | 1ESd |
| 2098 | 265 21:53:33 | 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 | | 18801:21:002F | 01-265/10:26:12 | 1ECs |
| 2099 | 265 21:54:21 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 18801:22:009F | 01-265/10:27:00 | 1ECf |
| 2100 | 265 21:54:22 | 31 | | | | END PWSREC.31 | | | 18801:22:018F | 01-265/10:27:00 | 1T |
| 2101 | 265 22:56:30 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 2102 | 266 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 27M 22S | | | | | 1L |
| 2103 | 266 01:22:22 | 31 | | | AC7SSB | (4 +143) SS BIAS CONTROL --- YAW | AACS | | 18805:42:003F | 01-265/13:55:00 | 1ECa |
| 2104 | 266 02:20:47 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 2105 | 266 05:50:00 | 31 | 15 LO | OPCH ACE | | LOS DSS-15 PASS-8808 | | | | | 1DP |
| 2106 | 266 06:22:33 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 2107 | 266 07:07:49 | 31 | | ACE OPCH | | >>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 2108 | 266 07:07:49 | 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 |
| 2109 | 266 07:08:37 | 31 | | ACE OPCH | | >>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 2123 | 266 07:12:50 | 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 | | 18813:00:026F | 01-265/19:45:25 | 1ECf |
| 2124 | 266 07:13:37 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 18813:01:001F | 01-265/19:46:11 | 1ESf |
| 2125 | 266 07:13:37 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 18813:01:002F | 01-265/19:46:12 | 1ECd |
| 2126 | 266 07:13:37 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0566 | DTR | | 18813:01:002F | 01-265/19:46:12 | 1ESd |
| 2127 | 266 07:13:37 | 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 | | 18813:01:002F | 01-265/19:46:12 | 1ECs |
| 2128 | 266 07:14:25 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 18813:02:009F | 01-265/19:47:00 | 1ECf |
| 2129 | 266 07:14:26 | 31 | | | | END PWSREC.31 | | | 18813:02:018F | 01-265/19:47:00 | 1T |
| 2130 | 266 11:18:06 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 2131 | 266 11:27:25 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 2132 | 266 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 27M 27S | | | | | 1L |
| 2133 | 266 16:27:54 | 31 | | ACE OPCH | | >>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 2134 | 266 16:27:54 | 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 |
| 2135 | 266 16:28:42 | 31 | | ACE OPCH | | >>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 2136 | 266 16:28:42 | 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 |
| 2137 | 266 16:31:18 | 31 | | | | AHELIO PWSREC 11 | | | 18824:38:001F | 01-266/05:03:47 | 1T |
| 2138 | 266 16:31:18 | 31 | | | | B- PWSREC.31 | | | 18824:38:001F | 01-266/05:03:47 | 1TB |
| 2139 | 266 16:31:18 | 31 | | | | BEGIN PWSREC.31 | | | 18824:38:001F | 01-266/05:03:47 | 1T |
| 2140 | 266 16:31:18 | 31 | | | SC32AJ | (10) PLS CONFIG CMD | FDS | | 18824:38:009F | 01-266/05:03:48 | 1ECF |
| 2141 | 266 16:32:06 | 31 | | | | B- DRGS4B | | | 18824:39:001F | 01-266/05:04:35 | 1TB |
| 2142 | 266 16:32:06 | 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 | | 18824:39:009F | 01-266/05:04:36 | 1ECF |
| 2143 | 266 16:32:50 | 31 | | | | BEGIN RECORDING PWS DATA | | | 18824:39:734F | 01-266/05:05:19 | 1T |
| 2144 | 266 16:32:50 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 18824:39:735F | 01-266/05:05:20 | 1ECd |
| 2145 | 266 16:32:50 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:0559 | DTR | | 18824:39:735F | 01-266/05:05:20 | 1ESd |
| 2146 | 266 16:32:54 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE -----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 18824:40:001F | 01-266/05:05:23 | 1ESF |
| 2147 | 266 16:32:54 | 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 | | 18824:40:002F | 01-266/05:05:24 | 1ECs |
| 2148 | 266 16:32:55 | 31 | | | | B- DRCRUS | | | 18824:40:018F | 01-266/05:05:24 | 1TB |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 2149 | 266 16:32:55 | 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 | | 18824:40:026F | 01-266/05:05:25 | 1ECf |
| 2150 | 266 16:33:42 | 31 | | ACE | OPCH | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 18824:41:001F | 01-266/05:06:11 | 1ESf |
| 2151 | 266 16:33:42 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 18824:41:002F | 01-266/05:06:12 | 1ECd |
| 2152 | 266 16:33:42 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0267 | DTR | | 18824:41:002F | 01-266/05:06:12 | 1ESd |
| 2153 | 266 16:33:42 | 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 | | 18824:41:002F | 01-266/05:06:12 | 1ECs |
| 2154 | 266 16:34:30 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 18824:42:009F | 01-266/05:07:00 | 1ECf |
| 2155 | 266 16:34:31 | 31 | | | | END PWSREC.31 | | | 18824:42:018F | 01-266/05:07:00 | 1T |
| 2156 | 266 18:50:48 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 2157 | 266 20:05:00 | 31 | 24 AO | OPCH | ACE | AOS DSS-24 PASS-8809 (D/L ONLY) | | | | | 1DP |
| 2158 | 266 22:52:34 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 2159 | 267 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 27M 33S | | | | | 1L |
| 2160 | 267 00:45:00 | 31 | 24 LO | OPCH | ACE | LOS DSS-24 PASS-8809 | | | | | 1DP |
| 2161 | 267 01:51:22 | 31 | | | CC16C | (7017) DTR STATE SELECT: READY | DTR | | 18836:18:002F | 01-266/14:23:48 | 1ECd |
| 2162 | 267 01:51:22 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:0260 | DTR | | 18836:18:002F | 01-266/14:23:48 | 1ESd |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|-----|------------------|---------|---|--------------|------------|---------------|-----------------|-----------|
| 2163 | 267 01:51:58 | 31 | | ACE OPCH | | >>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 2164 | 267 01:51:58 | 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 |
| 2165 | 267 01:52:46 | 31 | | ACE OPCH | | >>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 2166 | 267 01:52:46 | 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 |
| 2167 | 267 01:55:22 | 31 | | | | AHELIO PWSREC 12 | | | 18836:23:001F | 01-266/14:27:47 | 1T |
| 2168 | 267 01:55:22 | 31 | | | | B- PWSREC.31 | | | 18836:23:001F | 01-266/14:27:47 | 1TB |
| 2169 | 267 01:55:22 | 31 | | | | BEGIN PWSREC.31 | | | 18836:23:001F | 01-266/14:27:47 | 1T |
| 2170 | 267 01:55:22 | 31 | | | SC32AJ | (10) PLS CONFIG CMD | FDS | | 18836:23:009F | 01-266/14:27:48 | 1ECf |
| 2171 | 267 01:56:10 | 31 | | | | B- DRGS4B | | | 18836:24:001F | 01-266/14:28:35 | 1TB |
| 2172 | 267 01:56:10 | 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 | | 18836:24:009F | 01-266/14:28:36 | 1ECf |
| 2173 | 267 01:56:54 | 31 | | | | BEGIN RECORDING PWS DATA | | | 18836:24:734F | 01-266/14:29:19 | 1T |
| 2174 | 267 01:56:54 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 18836:24:735F | 01-266/14:29:20 | 1ECd |
| 2175 | 267 01:56:54 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:0260 | DTR | | 18836:24:735F | 01-266/14:29:20 | 1ESd |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 2176 | 267 01:56:58 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 18836:25:001F | 01-266/14:29:23 | 1ESf |
| 2177 | 267 01:56:58 | 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 | | 18836:25:002F | 01-266/14:29:24 | 1ECs |
| 2178 | 267 01:56:59 | 31 | | | | B- DRCRUS | | | 18836:25:018F | 01-266/14:29:24 | 1TB |
| 2179 | 267 01:56:59 | 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 | | 18836:25:026F | 01-266/14:29:25 | 1ECf |
| 2180 | 267 01:57:46 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 18836:26:001F | 01-266/14:30:11 | 1ESf |
| 2181 | 267 01:57:46 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 18836:26:002F | 01-266/14:30:12 | 1ECd |
| 2182 | 267 01:57:46 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:0553 | DTR | | 18836:26:002F | 01-266/14:30:12 | 1ESd |
| 2183 | 267 01:57:46 | 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 | | 18836:26:002F | 01-266/14:30:12 | 1ECs |
| 2184 | 267 01:58:34 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 18836:27:009F | 01-266/14:31:00 | 1ECf |
| 2185 | 267 01:58:35 | 31 | | | | END PWSREC.31 | | | 18836:27:018F | 01-266/14:31:00 | 1T |
| 2186 | 267 02:16:51 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|---------|--|-----------|---------|---------------|-----------------|-----------|
| 2187 | 267 06:18:37 | 31 | 10 | SET | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 2188 | 267 11:12:03 | 31 | | ACE OPCH | | >>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 2189 | 267 11:12:03 | 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 |
| 2190 | 267 11:12:51 | 31 | | ACE OPCH | | >>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 2191 | 267 11:12:51 | 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 |
| 2192 | 267 11:14:13 | 31 | 60 | RISE | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 2193 | 267 11:15:27 | 31 | | | | AHELIO PWSREC 13 | | | 18848:03:001F | 01-266/23:47:47 | 1T |
| 2194 | 267 11:15:27 | 31 | | | | B- PWSREC.31 | | | 18848:03:001F | 01-266/23:47:47 | 1TB |
| 2195 | 267 11:15:27 | 31 | | | | BEGIN PWSREC.31 | | | 18848:03:001F | 01-266/23:47:47 | 1T |
| 2196 | 267 11:15:27 | 31 | | | SC32AJ | (10) PLS CONFIG CMD | FDS | | 18848:03:009F | 01-266/23:47:48 | 1ECf |
| 2197 | 267 11:16:15 | 31 | | | | B- DRGS4B | | | 18848:04:001F | 01-266/23:48:35 | 1TB |
| 2198 | 267 11:16:15 | 31 | | | SC06BB | (03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACRS READOUT MODE : TELEMETRY | FDS | | 18848:04:009F | 01-266/23:48:36 | 1ECf |
| 2199 | 267 11:16:59 | 31 | | | | BEGIN RECORDING PWS DATA | | | 18848:04:734F | 01-266/23:49:19 | 1T |
| 2200 | 267 11:16:59 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 18848:04:735F | 01-266/23:49:20 | 1ECd |
| 2201 | 267 11:16:59 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:0559 | DTR | | 18848:04:735F | 01-266/23:49:20 | 1ESd |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|--------|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 2202 | 267 11:17:03 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 18848:05:001F | 01-266/23:49:23 | 1ESf |
| 2203 | 267 11:17:03 | 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 | | 18848:05:002F | 01-266/23:49:24 | 1ECs |
| 2204 | 267 11:17:04 | 31 | | | | B- DRCRUS | | | 18848:05:018F | 01-266/23:49:24 | 1TB |
| 2205 | 267 11:17:04 | 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 | | 18848:05:026F | 01-266/23:49:25 | 1ECf |
| 2206 | 267 11:17:51 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 18848:06:001F | 01-266/23:50:11 | 1ESf |
| 2207 | 267 11:17:51 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 18848:06:002F | 01-266/23:50:12 | 1ECd |
| 2208 | 267 11:17:51 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:0852 | DTR | | 18848:06:002F | 01-266/23:50:12 | 1ESd |
| 2209 | 267 11:17:51 | 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 | | 18848:06:002F | 01-266/23:50:12 | 1ECs |
| 2210 | 267 11:18:39 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 18848:07:009F | 01-266/23:51:00 | 1ECf |
| 2211 | 267 11:18:40 | 31 | | | | END PWSREC.31 | | | 18848:07:018F | 01-266/23:51:00 | 1T |
| 2212 | 267 11:23:32 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|--------|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 2213 | 267 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 27M 39S | | | | | 1L |
| 2214 | 267 18:46:54 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 2215 | 267 19:30:00 | 31 | 15 AO | OPCH ACE | | AOS DSS-15 PASS-8810 (D/L ONLY) | | | | | 1DP |
| 2216 | 267 20:32:07 | 31 | | ACE OPCH | | >>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 2217 | 267 20:32:07 | 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 |
| 2218 | 267 20:32:55 | 31 | | ACE OPCH | | >>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 2219 | 267 20:32:55 | 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 |
| 2220 | 267 20:35:31 | 31 | | | | AHELIO PWSREC 14 | | | 18859:43:001F | 01-267/09:07:47 | 1T |
| 2221 | 267 20:35:31 | 31 | | | | B- PWSREC.31 | | | 18859:43:001F | 01-267/09:07:47 | 1TB |
| 2222 | 267 20:35:31 | 31 | | | | BEGIN PWSREC.31 | | | 18859:43:001F | 01-267/09:07:47 | 1T |
| 2223 | 267 20:35:31 | 31 | | | SC32AJ | (10) PLS CONFIG CMD | FDS | | 18859:43:009F | 01-267/09:07:48 | 1ECf |
| 2224 | 267 20:36:19 | 31 | | | | B- DRGS4B | | | 18859:44:001F | 01-267/09:08:35 | 1TB |
| 2225 | 267 20:36:19 | 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 | | 18859:44:009F | 01-267/09:08:36 | 1ECf |
| 2226 | 267 20:37:03 | 31 | | | | BEGIN RECORDING PWS DATA | | | 18859:44:734F | 01-267/09:09:19 | 1T |
| 2227 | 267 20:37:03 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 18859:44:735F | 01-267/09:09:20 | 1ECd |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 2228 | 267 20:37:03 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:0858 | DTR | | 18859:44:735F | 01-267/09:09:20 | 1ESd |
| 2229 | 267 20:37:07 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 18859:45:001F | 01-267/09:09:23 | 1ESf |
| 2230 | 267 20:37:07 | 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 | | 18859:45:002F | 01-267/09:09:24 | 1ECs |
| 2231 | 267 20:37:08 | 31 | | | | B- DRCRUS | | | 18859:45:018F | 01-267/09:09:24 | 1TB |
| 2232 | 267 20:37:08 | 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 | | 18859:45:026F | 01-267/09:09:25 | 1ECf |
| 2233 | 267 20:37:55 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 18859:46:001F | 01-267/09:10:11 | 1ESf |
| 2234 | 267 20:37:55 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 18859:46:002F | 01-267/09:10:12 | 1ECd |
| 2235 | 267 20:37:55 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1151 | DTR | | 18859:46:002F | 01-267/09:10:12 | 1ESd |
| 2236 | 267 20:37:55 | 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 | | 18859:46:002F | 01-267/09:10:12 | 1ECs |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|----------|---|-----------|---------|---------------|-----------------|-----------|
| 2237 | 267 20:38:43 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 18859:47:009F | 01-267/09:11:00 | 1ECf |
| 2238 | 267 20:38:44 | 31 | | | | END PWSREC.31 | | | 18859:47:018F | 01-267/09:11:00 | 1T |
| 2239 | 267 22:48:37 | 31 | 60 | SET | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 2240 | 268 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 27M 45S | | | | | 1L |
| 2241 | 268 02:12:54 | 31 | 40 | RISE | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 2242 | 268 05:45:00 | 31 | 15 | LO | OPCH ACE | LOS DSS-15 PASS-8810 | | | | | 1DP |
| 2243 | 268 05:52:12 | 31 | | | ACE OPCH | >>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 2244 | 268 05:52:12 | 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 |
| 2245 | 268 05:53:00 | 31 | | | ACE OPCH | >>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 2246 | 268 05:53:00 | 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 |
| 2247 | 268 05:55:36 | 31 | | | | AHELIO PWSREC 15 | | | 18871:23:001F | 01-267/18:27:47 | 1T |
| 2248 | 268 05:55:36 | 31 | | | | B- PWSREC.31 | | | 18871:23:001F | 01-267/18:27:47 | 1TB |
| 2249 | 268 05:55:36 | 31 | | | | BEGIN PWSREC.31 | | | 18871:23:001F | 01-267/18:27:47 | 1T |
| 2250 | 268 05:55:36 | 31 | | | SC32AJ | (10) PLS CONFIG CMD | FDS | | 18871:23:009F | 01-267/18:27:48 | 1ECf |
| 2251 | 268 05:56:24 | 31 | | | | B- DRGS4B | | | 18871:24:001F | 01-267/18:28:35 | 1TB |
| 2252 | 268 05:56:24 | 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 | | 18871:24:009F | 01-267/18:28:36 | 1ECf |
| 2253 | 268 05:57:08 | 31 | | | | BEGIN RECORDING PWS DATA | | | 18871:24:734F | 01-267/18:29:19 | 1T |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|-----|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 2254 | 268 05:57:08 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 18871:24:735F | 01-267/18:29:20 | 1ECd |
| 2255 | 268 05:57:08 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:1157 | DTR | | 18871:24:735F | 01-267/18:29:20 | 1ESd |
| 2256 | 268 05:57:12 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 18871:25:001F | 01-267/18:29:23 | 1ESf |
| 2257 | 268 05:57:12 | 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 | | 18871:25:002F | 01-267/18:29:24 | 1ECs |
| 2258 | 268 05:57:13 | 31 | | | | B- DRCRUS | | | 18871:25:018F | 01-267/18:29:24 | 1TB |
| 2259 | 268 05:57:13 | 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 | | 18871:25:026F | 01-267/18:29:25 | 1ECf |
| 2260 | 268 05:58:00 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 18871:26:001F | 01-267/18:30:11 | 1ESf |
| 2261 | 268 05:58:00 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 18871:26:002F | 01-267/18:30:12 | 1ECd |
| 2262 | 268 05:58:00 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1450 | DTR | | 18871:26:002F | 01-267/18:30:12 | 1ESd |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 2263 | 268 05:58:00 | 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 | | 18871:26:002F | 01-267/18:30:12 | 1ECs |
| 2264 | 268 05:58:48 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 18871:27:009F | 01-267/18:31:00 | 1ECF |
| 2265 | 268 05:58:49 | 31 | | | | END PWSREC.31 | | | 18871:27:018F | 01-267/18:31:00 | 1T |
| 2266 | 268 06:14:41 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 2267 | 268 11:10:19 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 2268 | 268 11:19:39 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 2269 | 268 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 27M 50S | | | | | 1L |
| 2270 | 268 15:12:16 | 31 | | ACE OPCH | | >>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESF |
| 2271 | 268 15:12:16 | 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 |
| 2272 | 268 15:13:04 | 31 | | ACE OPCH | | >>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESF |
| 2273 | 268 15:13:04 | 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 |
| 2274 | 268 15:15:40 | 31 | | | | AHELIO PWSREC 16 | | | 18883:03:001F | 01-268/03:47:47 | 1T |
| 2275 | 268 15:15:40 | 31 | | | | B- PWSREC.31 | | | 18883:03:001F | 01-268/03:47:47 | 1TB |
| 2276 | 268 15:15:40 | 31 | | | | BEGIN PWSREC.31 | | | 18883:03:001F | 01-268/03:47:47 | 1T |
| 2277 | 268 15:15:40 | 31 | | | SC32AJ | (10) PLS CONFIG CMD | FDS | | 18883:03:009F | 01-268/03:47:48 | 1ECF |
| 2278 | 268 15:16:28 | 31 | | | | B- DRGS4B | | | 18883:04:001F | 01-268/03:48:35 | 1TB |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 2279 | 268 15:16:28 | 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 | | 18883:04:009F | 01-268/03:48:36 | 1ECf |
| 2280 | 268 15:17:12 | 31 | | | | BEGIN RECORDING PWS DATA | | | 18883:04:734F | 01-268/03:49:19 | 1T |
| 2281 | 268 15:17:12 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 18883:04:735F | 01-268/03:49:20 | 1ECd |
| 2282 | 268 15:17:12 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:1457 | DTR | | 18883:04:735F | 01-268/03:49:20 | 1ESd |
| 2283 | 268 15:17:16 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 18883:05:001F | 01-268/03:49:23 | 1ESf |
| 2284 | 268 15:17:16 | 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 | | 18883:05:002F | 01-268/03:49:24 | 1ECs |
| 2285 | 268 15:17:17 | 31 | | | | B- DRCRUS | | | 18883:05:018F | 01-268/03:49:24 | 1TB |
| 2286 | 268 15:17:17 | 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 | | 18883:05:026F | 01-268/03:49:25 | 1ECf |
| 2287 | 268 15:18:04 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 18883:06:001F | 01-268/03:50:11 | 1ESf |
| 2288 | 268 15:18:04 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 18883:06:002F | 01-268/03:50:12 | 1ECd |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|--------|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 2289 | 268 15:18:04 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1749 | DTR | | 18883:06:002F | 01-268/03:50:12 | 1ESd |
| 2290 | 268 15:18:04 | 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 | | 18883:06:002F | 01-268/03:50:12 | 1ECs |
| 2291 | 268 15:18:52 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 18883:07:009F | 01-268/03:51:00 | 1ECF |
| 2292 | 268 15:18:53 | 31 | | | | END PWSREC.31 | | | 18883:07:018F | 01-268/03:51:00 | 1T |
| 2293 | 268 15:19:40 | 31 | | | CC16C | (2221) DTR STATE SELECT: SLEW | DTR | | 18883:08:002F | 01-268/03:51:48 | 1ECd |
| 2294 | 268 15:19:40 | 31 | | | | DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:1756 | DTR | | 18883:08:002F | 01-268/03:51:48 | 1ESd |
| 2295 | 268 15:20:08 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 18883:08:465F | 01-268/03:52:15 | 1ECd |
| 2296 | 268 15:20:08 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1745 | DTR | | 18883:08:465F | 01-268/03:52:15 | 1ESd |
| 2297 | 268 18:19:41 | 31 | | | CC16C | (7015) DTR STATE SELECT: READY | DTR | | 18886:53:002F | 01-268/06:51:48 | 1ECd |
| 2298 | 268 18:19:41 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1745 | DTR | | 18886:53:002F | 01-268/06:51:48 | 1ESd |
| 2299 | 268 18:43:00 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 2300 | 268 21:15:00 | 31 | 15 AO | OPCH ACE | | AOS DSS-15 PASS-8811 (D/L ONLY) | | | | | 1DP |
| 2301 | 268 22:44:41 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 2302 | 269 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 27M 56S | | | | | 1L |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 2303 | 269 00:45:00 | 31 | 15 LO | OPCH ACE | | LOS DSS-15 PASS-8811 | | | | | 1DP |
| 2304 | 269 02:08:58 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 2305 | 269 04:53:11 | 31 | | ACE OPCH | | >>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 2306 | 269 04:53:11 | 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 |
| 2307 | 269 04:53:59 | 31 | | ACE OPCH | | >>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 2308 | 269 04:53:59 | 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 |
| 2309 | 269 04:56:35 | 31 | | | | BEGIN PWSREC.31 | | | 18900:09:001F | 01-268/17:28:35 | 1T |
| 2310 | 269 04:56:35 | 31 | | | SC32AJ | (10) PLS CONFIG CMD | FDS | | 18900:09:010F | 01-268/17:28:36 | 1ECf |
| 2311 | 269 04:57:23 | 31 | | | | B- DRGS4B | | | 18900:10:001F | 01-268/17:29:23 | 1TB |
| 2312 | 269 04:57:23 | 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 | | 18900:10:009F | 01-268/17:29:24 | 1ECf |
| 2313 | 269 04:58:07 | 31 | | | | BEGIN RECORDING PWS DATA | | | 18900:10:734F | 01-268/17:30:07 | 1T |
| 2314 | 269 04:58:07 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 18900:10:735F | 01-268/17:30:08 | 1ECd |
| 2315 | 269 04:58:07 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:1745 | DTR | | 18900:10:735F | 01-268/17:30:08 | 1ESd |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|--------|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 2316 | 269 04:58:11 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 18900:11:001F | 01-268/17:30:11 | 1ESf |
| 2317 | 269 04:58:11 | 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 | | 18900:11:002F | 01-268/17:30:12 | 1ECs |
| 2318 | 269 04:58:12 | 31 | | | | B- DRCRUS | | | 18900:11:018F | 01-268/17:30:12 | 1TB |
| 2319 | 269 04:58:12 | 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 | | 18900:11:026F | 01-268/17:30:13 | 1ECf |
| 2320 | 269 04:58:59 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 18900:12:001F | 01-268/17:30:59 | 1ESf |
| 2321 | 269 04:58:59 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 18900:12:002F | 01-268/17:31:00 | 1ECd |
| 2322 | 269 04:58:59 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2038 | DTR | | 18900:12:002F | 01-268/17:31:00 | 1ESd |
| 2323 | 269 04:58:59 | 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 | | 18900:12:002F | 01-268/17:31:00 | 1ECs |
| 2324 | 269 04:59:47 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 18900:13:010F | 01-268/17:31:48 | 1ECf |
| 2325 | 269 04:59:48 | 31 | | | | END PWSREC.31 | | | 18900:13:018F | 01-268/17:31:48 | 1T |
| 2326 | 269 06:10:45 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|--------|------------------|---------|--|--------------|------------|---------------|-----------------|--------------|
| 2327 | 269 11:06:26 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 2328 | 269 11:15:45 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 2329 | 269 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 28M 02S | | | | | 1L |
| 2330 | 269 15:39:52 | 31 | | | CC16C | (2211) DTR STATE SELECT: SLEW | DTR | | 18913:33:002F | 01-269/04:11:48 | 1ECd |
| 2331 | 269 15:39:52 | 31 | | | | DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2044 | DTR | | 18913:33:002F | 01-269/04:11:48 | 1ESd |
| 2332 | 269 15:40:20 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 18913:33:472F | 01-269/04:12:16 | 1ECd |
| 2333 | 269 15:40:20 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2055 | DTR | | 18913:33:472F | 01-269/04:12:16 | 1ESd |
| 2334 | 269 18:39:07 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 2335 | 269 18:39:53 | 31 | | | CC16C | (7017) DTR STATE SELECT: READY | DTR | | 18917:18:002F | 01-269/07:11:48 | 1ECd |
| 2336 | 269 18:39:53 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2055 | DTR | | 18917:18:002F | 01-269/07:11:48 | 1ESd |
| 2337 | 269 18:40:29 | 31 | | ACE OPCH | | >>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 2338 | 269 18:40:29 | 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 |
| 2339 | 269 18:41:17 | 31 | | ACE OPCH | | >>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|--------|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 2353 | 269 18:45:30 | 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 | | 18917:25:026F | 01-269/07:17:25 | 1ECf |
| 2354 | 269 18:46:17 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 18917:26:001F | 01-269/07:18:11 | 1ESf |
| 2355 | 269 18:46:17 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 18917:26:002F | 01-269/07:18:12 | 1ECd |
| 2356 | 269 18:46:17 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2347 | DTR | | 18917:26:002F | 01-269/07:18:12 | 1ESd |
| 2357 | 269 18:46:17 | 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 | | 18917:26:002F | 01-269/07:18:12 | 1ECs |
| 2358 | 269 18:47:05 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 18917:27:009F | 01-269/07:19:00 | 1ECf |
| 2359 | 269 18:47:06 | 31 | | | | END PWSREC.31 | | | 18917:27:018F | 01-269/07:19:00 | 1T |
| 2360 | 269 22:25:00 | 31 | 14 AO | OPCH ACE | | AOS DSS-14 PASS-8812 (U/L PASS) | | | | | 1DP |
| 2361 | 269 22:40:45 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 2362 | 270 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 28M 08S | | | | | 1L |
| 2363 | 270 02:05:02 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 2364 | 270 04:00:34 | 31 | | ACE OPCH | | >>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 2365 | 270 04:00:34 | 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 |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|-----|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 2366 | 270 04:01:22 | 31 | | ACE OPCH | | >>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 2367 | 270 04:01:22 | 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 |
| 2368 | 270 04:03:58 | 31 | | | | AHELIO PWSREC 18 | | | 18929:03:001F | 01-269/16:35:47 | 1T |
| 2369 | 270 04:03:58 | 31 | | | | B- PWSREC.31 | | | 18929:03:001F | 01-269/16:35:47 | 1TB |
| 2370 | 270 04:03:58 | 31 | | | | BEGIN PWSREC.31 | | | 18929:03:001F | 01-269/16:35:47 | 1T |
| 2371 | 270 04:03:58 | 31 | | | SC32AJ | (10) PLS CONFIG CMD | FDS | | 18929:03:009F | 01-269/16:35:48 | 1ECf |
| 2372 | 270 04:04:46 | 31 | | | | B- DRGS4B | | | 18929:04:001F | 01-269/16:36:35 | 1TB |
| 2373 | 270 04:04:46 | 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 | | 18929:04:009F | 01-269/16:36:36 | 1ECf |
| 2374 | 270 04:05:30 | 31 | | | | BEGIN RECORDING PWS DATA | | | 18929:04:734F | 01-269/16:37:19 | 1T |
| 2375 | 270 04:05:30 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 18929:04:735F | 01-269/16:37:20 | 1ECd |
| 2376 | 270 04:05:30 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2354 | DTR | | 18929:04:735F | 01-269/16:37:20 | 1ESd |
| 2377 | 270 04:05:34 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 18929:05:001F | 01-269/16:37:23 | 1ESf |
| 2378 | 270 04:05:34 | 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 | | 18929:05:002F | 01-269/16:37:24 | 1ECs |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|--------|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 2379 | 270 04:05:35 | 31 | | | | B- DRCRUS | | | 18929:05:018F | 01-269/16:37:24 | 1TB |
| 2380 | 270 04:05:35 | 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 | | 18929:05:026F | 01-269/16:37:25 | 1ECf |
| 2381 | 270 04:06:22 | 31 | | ACE | OPCH | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 18929:06:001F | 01-269/16:38:11 | 1ESf |
| 2382 | 270 04:06:22 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 18929:06:002F | 01-269/16:38:12 | 1ECd |
| 2383 | 270 04:06:22 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2646 | DTR | | 18929:06:002F | 01-269/16:38:12 | 1ESd |
| 2384 | 270 04:06:22 | 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 | | 18929:06:002F | 01-269/16:38:12 | 1ECs |
| 2385 | 270 04:07:10 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 18929:07:009F | 01-269/16:39:00 | 1ECf |
| 2386 | 270 04:07:11 | 31 | | | | END PWSREC.31 | | | 18929:07:018F | 01-269/16:39:00 | 1T |
| 2387 | 270 04:10:00 | 31 | 14 LO | OPCH | ACE | LOS DSS-14 PASS-8812 | | | | | 1DP |
| 2388 | 270 06:06:50 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 2389 | 270 11:02:32 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 2390 | 270 11:11:52 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 2391 | 270 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 28M 13S | | | | | 1L |
| 2392 | 270 12:15:00 | 31 | 65 AO | OPCH | ACE | AOS DSS-65 PASS-8812 (D/L ONLY) | | | | | 1DP |
| 2393 | 270 13:20:38 | 31 | | ACE | OPCH | >>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|-----|------------------|---------|---|--------------|------------|---------------|-----------------|-----------|
| 2420 | 270 22:40:42 | 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 |
| 2421 | 270 22:41:30 | 31 | | ACE OPCH | | >>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESF |
| 2422 | 270 22:41:30 | 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 |
| 2423 | 270 22:44:06 | 31 | | | | AHELIO PWSREC 20 | | | 18952:23:001F | 01-270/11:15:47 | 1T |
| 2424 | 270 22:44:06 | 31 | | | | B- PWSREC.31 | | | 18952:23:001F | 01-270/11:15:47 | 1TB |
| 2425 | 270 22:44:06 | 31 | | | | BEGIN PWSREC.31 | | | 18952:23:001F | 01-270/11:15:47 | 1T |
| 2426 | 270 22:44:06 | 31 | | | SC32AJ | (10) PLS CONFIG CMD | FDS | | 18952:23:009F | 01-270/11:15:48 | 1ECF |
| 2427 | 270 22:44:54 | 31 | | | | B- DRGS4B | | | 18952:24:001F | 01-270/11:16:35 | 1TB |
| 2428 | 270 22:44:54 | 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 | | 18952:24:009F | 01-270/11:16:36 | 1ECF |
| 2429 | 270 22:45:38 | 31 | | | | BEGIN RECORDING PWS DATA | | | 18952:24:734F | 01-270/11:17:19 | 1T |
| 2430 | 270 22:45:38 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 18952:24:735F | 01-270/11:17:20 | 1ECd |
| 2431 | 270 22:45:38 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2952 | DTR | | 18952:24:735F | 01-270/11:17:20 | 1ESd |
| 2432 | 270 22:45:42 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE -----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 18952:25:001F | 01-270/11:17:23 | 1ESF |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|----------|---|-----------|---------|---------------|-----------------|-----------|
| 2433 | 270 22:45:42 | 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 | | 18952:25:002F | 01-270/11:17:24 | 1ECs |
| 2434 | 270 22:45:43 | 31 | | | | B- DRCRUS | | | 18952:25:018F | 01-270/11:17:24 | 1TB |
| 2435 | 270 22:45:43 | 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 | | 18952:25:026F | 01-270/11:17:25 | 1ECF |
| 2436 | 270 22:46:30 | 31 | | ACE | OPCH | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 18952:26:001F | 01-270/11:18:11 | 1ESF |
| 2437 | 270 22:46:30 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 18952:26:002F | 01-270/11:18:12 | 1ECd |
| 2438 | 270 22:46:30 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:3244 | DTR | | 18952:26:002F | 01-270/11:18:12 | 1ESd |
| 2439 | 270 22:46:30 | 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 | | 18952:26:002F | 01-270/11:18:12 | 1ECs |
| 2440 | 270 22:47:18 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 18952:27:009F | 01-270/11:19:00 | 1ECf |
| 2441 | 270 22:47:19 | 31 | | | | END PWSREC.31 | | | 18952:27:018F | 01-270/11:19:00 | 1T |
| 2442 | 270 23:30:00 | 31 | 15 | AO | OPCH ACE | AOS DSS-15 PASS-8813 (D/L ONLY) | | | | | 1DP |
| 2443 | 271 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 28M 19S | | | | | 1L |
| 2444 | 271 02:01:06 | 31 | 40 | RISE | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 2445 | 271 05:30:00 | 31 | 15 | LO | OPCH ACE | LOS DSS-15 PASS-8813 | | | | | 1DP |
| 2446 | 271 06:02:54 | 31 | 10 | SET | | 10 DEGREE SET DSC-10 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|-----|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 2447 | 271 08:00:47 | 31 | | ACE OPCH | | >>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 2448 | 271 08:00:47 | 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 |
| 2449 | 271 08:01:35 | 31 | | ACE OPCH | | >>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 2450 | 271 08:01:35 | 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 |
| 2451 | 271 08:04:11 | 31 | | | | AHELIO PWSREC 21 | | | 18964:03:001F | 01-270/20:35:47 | 1T |
| 2452 | 271 08:04:11 | 31 | | | | B- PWSREC.31 | | | 18964:03:001F | 01-270/20:35:47 | 1TB |
| 2453 | 271 08:04:11 | 31 | | | | BEGIN PWSREC.31 | | | 18964:03:001F | 01-270/20:35:47 | 1T |
| 2454 | 271 08:04:11 | 31 | | | SC32AJ | (10) PLS CONFIG CMD | FDS | | 18964:03:009F | 01-270/20:35:48 | 1ECf |
| 2455 | 271 08:04:59 | 31 | | | | B- DRGS4B | | | 18964:04:001F | 01-270/20:36:35 | 1TB |
| 2456 | 271 08:04:59 | 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 | | 18964:04:009F | 01-270/20:36:36 | 1ECf |
| 2457 | 271 08:05:43 | 31 | | | | BEGIN RECORDING PWS DATA | | | 18964:04:734F | 01-270/20:37:19 | 1T |
| 2458 | 271 08:05:43 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 18964:04:735F | 01-270/20:37:20 | 1ECd |
| 2459 | 271 08:05:43 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:3251 | DTR | | 18964:04:735F | 01-270/20:37:20 | 1ESd |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|--------|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 2460 | 271 08:05:47 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 18964:05:001F | 01-270/20:37:23 | 1ESf |
| 2461 | 271 08:05:47 | 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 | | 18964:05:002F | 01-270/20:37:24 | 1ECs |
| 2462 | 271 08:05:48 | 31 | | | | B- DRCRUS | | | 18964:05:018F | 01-270/20:37:24 | 1TB |
| 2463 | 271 08:05:48 | 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 | | 18964:05:026F | 01-270/20:37:25 | 1ECf |
| 2464 | 271 08:06:35 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 18964:06:001F | 01-270/20:38:11 | 1ESf |
| 2465 | 271 08:06:35 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 18964:06:002F | 01-270/20:38:12 | 1ECd |
| 2466 | 271 08:06:35 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:3543 | DTR | | 18964:06:002F | 01-270/20:38:12 | 1ESd |
| 2467 | 271 08:06:35 | 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 | | 18964:06:002F | 01-270/20:38:12 | 1ECs |
| 2468 | 271 08:07:23 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 18964:07:009F | 01-270/20:39:00 | 1ECf |
| 2469 | 271 08:07:24 | 31 | | | | END PWSREC.31 | | | 18964:07:018F | 01-270/20:39:00 | 1T |
| 2470 | 271 10:58:39 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|-----|------------------|----------|---|--------------|------------|---------------|-----------------|--------------|
| 2471 | 271 11:07:58 | 31 | 40 | SET | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 2472 | 271 11:55:00 | 31 | 65 | AO | OPCH ACE | AOS DSS-65 PASS-8813 (D/L ONLY) | | | | | 1DP |
| 2473 | 271 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 28M 25S | | | | | 1L |
| 2474 | 271 14:05:00 | 31 | 65 | LO | OPCH ACE | LOS DSS-65 PASS-8813 | | | | | 1DP |
| 2475 | 271 17:24:15 | 31 | | | CC16C | (7028) DTR STATE SELECT: READY | DTR | | 18975:43:002F | 01-271/05:55:48 | 1ECd |
| 2476 | 271 17:24:15 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:3550 | DTR | | 18975:43:002F | 01-271/05:55:48 | 1ESd |
| 2477 | 271 17:24:51 | 31 | | ACE | OPCH | >>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 2478 | 271 17:24:51 | 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 |
| 2479 | 271 17:25:39 | 31 | | ACE | OPCH | >>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 2480 | 271 17:25:39 | 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 |
| 2481 | 271 17:28:15 | 31 | | | | AHELIO PWSREC 22 | | | 18975:48:001F | 01-271/05:59:47 | 1T |
| 2482 | 271 17:28:15 | 31 | | | | B- PWSREC.31 | | | 18975:48:001F | 01-271/05:59:47 | 1TB |
| 2483 | 271 17:28:15 | 31 | | | | BEGIN PWSREC.31 | | | 18975:48:001F | 01-271/05:59:47 | 1T |
| 2484 | 271 17:28:15 | 31 | | | SC32AJ | (10) PLS CONFIG CMD | FDS | | 18975:48:009F | 01-271/05:59:48 | 1ECf |
| 2485 | 271 17:29:03 | 31 | | | | B- DRGS4B | | | 18975:49:001F | 01-271/06:00:35 | 1TB |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|-----|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 2486 | 271 17:29:03 | 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 | | 18975:49:009F | 01-271/06:00:36 | 1ECf |
| 2487 | 271 17:29:47 | 31 | | | | BEGIN RECORDING PWS DATA | | | 18975:49:734F | 01-271/06:01:19 | 1T |
| 2488 | 271 17:29:47 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 18975:49:735F | 01-271/06:01:20 | 1ECd |
| 2489 | 271 17:29:47 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:3550 | DTR | | 18975:49:735F | 01-271/06:01:20 | 1ESd |
| 2490 | 271 17:29:51 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 18975:50:001F | 01-271/06:01:23 | 1ESf |
| 2491 | 271 17:29:51 | 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 | | 18975:50:002F | 01-271/06:01:24 | 1ECs |
| 2492 | 271 17:29:52 | 31 | | | | B- DRCRUS | | | 18975:50:018F | 01-271/06:01:24 | 1TB |
| 2493 | 271 17:29:52 | 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 | | 18975:50:026F | 01-271/06:01:25 | 1ECf |
| 2494 | 271 17:30:39 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 18975:51:001F | 01-271/06:02:11 | 1ESf |
| 2495 | 271 17:30:39 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 18975:51:002F | 01-271/06:02:12 | 1ECd |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|--|-----------|---------|---------------|-----------------|-----------|
| 2496 | 271 17:30:39 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:3258 | DTR | | 18975:51:002F | 01-271/06:02:12 | 1ESd |
| 2497 | 271 17:30:39 | 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 | | 18975:51:002F | 01-271/06:02:12 | 1ECs |
| 2498 | 271 17:31:27 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 18975:52:009F | 01-271/06:03:00 | 1ECF |
| 2499 | 271 17:31:28 | 31 | | | | END PWSREC.31 | | | 18975:52:018F | 01-271/06:03:00 | 1T |
| 2500 | 271 18:31:20 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 2501 | 271 19:15:00 | 31 | 15 AO | OPCH ACE | | AOS DSS-15 PASS-8814 (D/L ONLY) | | | | | 1DP |
| 2502 | 271 21:10:00 | 31 | 15 LO | OPCH ACE | | LOS DSS-15 PASS-8814 | | | | | 1DP |
| 2503 | 271 22:32:53 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 2504 | 272 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 28M 30S | | | | | 1L |
| 2505 | 272 01:57:10 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 2506 | 272 02:44:56 | 31 | | ACE OPCH | | >>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 2507 | 272 02:44:56 | 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 |
| 2508 | 272 02:45:44 | 31 | | ACE OPCH | | >>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 2509 | 272 02:45:44 | 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 |
| 2510 | 272 02:48:20 | 31 | | | | AHELIO PWSREC 23 | | | 18987:28:001F | 01-271/15:19:47 | 1T |
| 2511 | 272 02:48:20 | 31 | | | | B- PWSREC.31 | | | 18987:28:001F | 01-271/15:19:47 | 1TB |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|-----|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 2512 | 272 02:48:20 | 31 | | | | BEGIN PWSREC.31 | | | 18987:28:001F | 01-271/15:19:47 | 1T |
| 2513 | 272 02:48:20 | 31 | | | SC32AJ | (10) PLS CONFIG CMD | FDS | | 18987:28:009F | 01-271/15:19:48 | 1ECf |
| 2514 | 272 02:49:08 | 31 | | | | B- DRGS4B | | | 18987:29:001F | 01-271/15:20:35 | 1TB |
| 2515 | 272 02:49:08 | 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 | | 18987:29:009F | 01-271/15:20:36 | 1ECf |
| 2516 | 272 02:49:52 | 31 | | | | BEGIN RECORDING PWS DATA | | | 18987:29:734F | 01-271/15:21:19 | 1T |
| 2517 | 272 02:49:52 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 18987:29:735F | 01-271/15:21:20 | 1ECd |
| 2518 | 272 02:49:52 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:3251 | DTR | | 18987:29:735F | 01-271/15:21:20 | 1ESd |
| 2519 | 272 02:49:56 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 18987:30:001F | 01-271/15:21:23 | 1ESf |
| 2520 | 272 02:49:56 | 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 | | 18987:30:002F | 01-271/15:21:24 | 1ECs |
| 2521 | 272 02:49:57 | 31 | | | | B- DRCRUS | | | 18987:30:018F | 01-271/15:21:24 | 1TB |
| 2522 | 272 02:49:57 | 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 | | 18987:30:026F | 01-271/15:21:25 | 1ECf |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 2537 | 272 12:08:24 | 31 | | | | AHELIO PWSREC 24 | | | 18999:08:001F | 01-272/00:39:47 | 1T |
| 2538 | 272 12:08:24 | 31 | | | | B- PWSREC.31 | | | 18999:08:001F | 01-272/00:39:47 | 1TB |
| 2539 | 272 12:08:24 | 31 | | | | BEGIN PWSREC.31 | | | 18999:08:001F | 01-272/00:39:47 | 1T |
| 2540 | 272 12:08:24 | 31 | | | SC32AJ | (10) PLS CONFIG CMD | FDS | | 18999:08:009F | 01-272/00:39:48 | 1ECf |
| 2541 | 272 12:09:12 | 31 | | | | B- DRGS4B | | | 18999:09:001F | 01-272/00:40:35 | 1TB |
| 2542 | 272 12:09:12 | 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 | | 18999:09:009F | 01-272/00:40:36 | 1ECf |
| 2543 | 272 12:09:56 | 31 | | | | BEGIN RECORDING PWS DATA | | | 18999:09:734F | 01-272/00:41:19 | 1T |
| 2544 | 272 12:09:56 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 18999:09:735F | 01-272/00:41:20 | 1ECd |
| 2545 | 272 12:09:56 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:2952 | DTR | | 18999:09:735F | 01-272/00:41:20 | 1ESd |
| 2546 | 272 12:10:00 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 18999:10:001F | 01-272/00:41:23 | 1ESf |
| 2547 | 272 12:10:00 | 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 | | 18999:10:002F | 01-272/00:41:24 | 1ECs |
| 2548 | 272 12:10:01 | 31 | | | | B- DRCRUS | | | 18999:10:018F | 01-272/00:41:24 | 1TB |
| 2549 | 272 12:10:01 | 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 | | 18999:10:026F | 01-272/00:41:25 | 1ECf |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 2564 | 272 21:28:28 | 31 | | | | BEGIN PWSREC.31 | | | 19010:48:001F | 01-272/09:59:47 | 1T |
| 2565 | 272 21:28:28 | 31 | | | SC32AJ | (10) PLS CONFIG CMD | FDS | | 19010:48:009F | 01-272/09:59:48 | 1ECf |
| 2566 | 272 21:29:16 | 31 | | | | B- DRGS4B | | | 19010:49:001F | 01-272/10:00:35 | 1TB |
| 2567 | 272 21:29:16 | 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 | | 19010:49:009F | 01-272/10:00:36 | 1ECf |
| 2568 | 272 21:30:00 | 31 | | | | BEGIN RECORDING PWS DATA | | | 19010:49:734F | 01-272/10:01:19 | 1T |
| 2569 | 272 21:30:00 | 31 | | | CC16C | (3000) DTR STATE SELECT:115.2REC | DTR | | 19010:49:735F | 01-272/10:01:20 | 1ECd |
| 2570 | 272 21:30:00 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:2653 | DTR | | 19010:49:735F | 01-272/10:01:20 | 1ESd |
| 2571 | 272 21:30:04 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 19010:50:001F | 01-272/10:01:23 | 1ESf |
| 2572 | 272 21:30:04 | 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 | | 19010:50:002F | 01-272/10:01:24 | 1ECs |
| 2573 | 272 21:30:05 | 31 | | | | B- DRCRUS | | | 19010:50:018F | 01-272/10:01:24 | 1TB |
| 2574 | 272 21:30:05 | 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 | | 19010:50:026F | 01-272/10:01:25 | 1ECf |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|--------|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 2603 | 273 06:50:10 | 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 | | 19022:30:026F | 01-272/19:21:25 | 1ECf |
| 2604 | 273 06:50:57 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 19022:31:001F | 01-272/19:22:11 | 1ESf |
| 2605 | 273 06:50:57 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 19022:31:002F | 01-272/19:22:12 | 1ECd |
| 2606 | 273 06:50:57 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2062 | DTR | | 19022:31:002F | 01-272/19:22:12 | 1ESd |
| 2607 | 273 06:50:57 | 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 | | 19022:31:002F | 01-272/19:22:12 | 1ECs |
| 2608 | 273 06:51:45 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 19022:32:009F | 01-272/19:23:00 | 1ECf |
| 2609 | 273 06:51:46 | 31 | | | | END PWSREC.31 | | | 19022:32:018F | 01-272/19:23:00 | 1T |
| 2610 | 273 10:50:52 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 2611 | 273 11:00:12 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 2612 | 273 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 28M 47S | | | | | 1L |
| 2613 | 273 16:05:13 | 31 | | ACE OPCH | | >>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 2614 | 273 16:05:13 | 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 |
| 2615 | 273 16:06:01 | 31 | | ACE OPCH | | >>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|--------|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 2655 | 274 01:34:18 | 31 | | | | B- DRCSR | | | 19045:55:018F | 01-273/14:05:24 | 1TB |
| 2656 | 274 01:34:18 | 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 | | 19045:55:026F | 01-273/14:05:25 | 1ECf |
| 2657 | 274 01:35:05 | 31 | | ACE | OPCH | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 19045:56:001F | 01-273/14:06:11 | 1ESf |
| 2658 | 274 01:35:05 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 19045:56:002F | 01-273/14:06:12 | 1ECd |
| 2659 | 274 01:35:05 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1463 | DTR | | 19045:56:002F | 01-273/14:06:12 | 1ESd |
| 2660 | 274 01:35:05 | 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 | | 19045:56:002F | 01-273/14:06:12 | 1ECs |
| 2661 | 274 01:35:53 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 19045:57:009F | 01-273/14:07:00 | 1ECf |
| 2662 | 274 01:35:54 | 31 | | | | END PWSREC.31 | | | 19045:57:018F | 01-273/14:07:00 | 1T |
| 2663 | 274 01:49:18 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 2664 | 274 05:20:00 | 31 | 15 LO | OPCH | ACE | LOS DSS-15 PASS-8816 | | | | | 1DP |
| 2665 | 274 05:51:07 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 2666 | 274 10:46:59 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 2667 | 274 10:49:22 | 31 | | ACE | OPCH | >>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 2668 | 274 10:49:22 | 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 |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|-----|------------------|----------|---|--------------|------------|---------------|-----------------|--------------|
| 2708 | 274 20:14:27 | 31 | | | | B- DRCRUS | | | 19069:15:018F | 01-274/08:45:24 | 1TB |
| 2709 | 274 20:14:27 | 31 | | | SC06BB | (53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY | FDS | | 19069:15:026F | 01-274/08:45:25 | 1ECf |
| 2710 | 274 20:15:14 | 31 | | ACE | OPCH | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 19069:16:001F | 01-274/08:46:11 | 1ESf |
| 2711 | 274 20:15:14 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 19069:16:002F | 01-274/08:46:12 | 1ECd |
| 2712 | 274 20:15:14 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:0865 | DTR | | 19069:16:002F | 01-274/08:46:12 | 1ESd |
| 2713 | 274 20:15:14 | 31 | | | CC3A | (32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ | MDS | | 19069:16:002F | 01-274/08:46:12 | 1ECs |
| 2714 | 274 20:16:02 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 19069:17:009F | 01-274/08:47:00 | 1ECf |
| 2715 | 274 20:16:03 | 31 | | | | END PWSREC.31 | | | 19069:17:018F | 01-274/08:47:00 | 1T |
| 2716 | 274 22:02:27 | 31 | | | | B- MEMUPD | | | 19071:30:001F | 01-274/10:33:23 | 1TB |
| 2717 | 274 22:02:27 | 31 | | | | MEMUPD - DIS AHELIO | | | 19071:30:001F | 01-274/10:33:23 | 1T |
| 2718 | 274 22:21:06 | 31 | 60 | SET | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 2719 | 275 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 29M 04S | | | | | 1L |
| 2720 | 275 01:30:00 | 31 | 14 | AO | OPCH ACE | AOS DSS-14 PASS-8817 (D/L ONLY) | | | | | 1DP |
| 2721 | 275 01:45:23 | 31 | 40 | RISE | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 2722 | 275 05:29:30 | 31 | | | ACE OPCH | >>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|--------|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 2736 | 275 05:34:30 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 19080:55:001F | 01-274/18:05:23 | 1ESf |
| 2737 | 275 05:34:30 | 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 | | 19080:55:002F | 01-274/18:05:24 | 1ECs |
| 2738 | 275 05:34:31 | 31 | | | | B- DRCRUS | | | 19080:55:018F | 01-274/18:05:24 | 1TB |
| 2739 | 275 05:34:31 | 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 | | 19080:55:026F | 01-274/18:05:25 | 1ECf |
| 2740 | 275 05:35:18 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 19080:56:001F | 01-274/18:06:11 | 1ESf |
| 2741 | 275 05:35:18 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 19080:56:002F | 01-274/18:06:12 | 1ECd |
| 2742 | 275 05:35:18 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:0566 | DTR | | 19080:56:002F | 01-274/18:06:12 | 1ESd |
| 2743 | 275 05:35:18 | 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 | | 19080:56:002F | 01-274/18:06:12 | 1ECs |
| 2744 | 275 05:36:06 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 19080:57:009F | 01-274/18:07:00 | 1ECf |
| 2745 | 275 05:36:07 | 31 | | | | END PWSREC.31 | | | 19080:57:018F | 01-274/18:07:00 | 1T |
| 2746 | 275 05:47:11 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|-----|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 2762 | 275 14:54:31 | 31 | | | | DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:0560 | DTR | | 19092:34:735F | 01-275/03:25:20 | 1ESd |
| 2763 | 275 14:54:35 | 31 | | ACE OPCH | | FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION | FDS | GS-4B | 19092:35:001F | 01-275/03:25:23 | 1ESf |
| 2764 | 275 14:54:35 | 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 | | 19092:35:002F | 01-275/03:25:24 | 1ECs |
| 2765 | 275 14:54:36 | 31 | | | | B- DRCRUS | | | 19092:35:018F | 01-275/03:25:24 | 1TB |
| 2766 | 275 14:54:36 | 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 | | 19092:35:026F | 01-275/03:25:25 | 1ECf |
| 2767 | 275 14:55:23 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 19092:36:001F | 01-275/03:26:11 | 1ESf |
| 2768 | 275 14:55:23 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 19092:36:002F | 01-275/03:26:12 | 1ECd |
| 2769 | 275 14:55:23 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:0267 | DTR | | 19092:36:002F | 01-275/03:26:12 | 1ESd |
| 2770 | 275 14:55:23 | 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 | | 19092:36:002F | 01-275/03:26:12 | 1ECs |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 2797 | 276 04:35:29 | 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 | | 19109:41:002F | 01-275/17:06:12 | 1ECs |
| 2798 | 276 04:35:30 | 31 | | | | B- DRCRUS | | | 19109:41:018F | 01-275/17:06:12 | 1TB |
| 2799 | 276 04:35:30 | 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 | | 19109:41:026F | 01-275/17:06:13 | 1ECF |
| 2800 | 276 04:36:17 | 31 | | ACE | OPCH | | FDS | CR-5T | 19109:42:001F | 01-275/17:06:59 | 1ESF |
| | | | | | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | | | | | |
| 2801 | 276 04:36:17 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 19109:42:002F | 01-275/17:07:00 | 1ECd |
| 2802 | 276 04:36:17 | 31 | | | | | DTR | | 19109:42:002F | 01-275/17:07:00 | 1ESd |
| | | | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2336 | | | | | |
| 2803 | 276 04:36:17 | 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 | | 19109:42:002F | 01-275/17:07:00 | 1ECs |
| 2804 | 276 04:37:05 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 19109:43:010F | 01-275/17:07:48 | 1ECf |
| 2805 | 276 04:37:06 | 31 | | | | END PWSREC.31 | | | 19109:43:018F | 01-275/17:07:48 | 1T |
| 2806 | 276 05:10:00 | 31 | 15 LO | OPCH | ACE | LOS DSS-15 PASS-8818 | | | | | 1DP |
| 2807 | 276 05:43:16 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 2808 | 276 10:39:13 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 2809 | 276 10:48:32 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 2810 | 276 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 29M 20S | | | | | 1L |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|---------------------------------|-----------|---------|---------------|-----------------|-----------|
| 2811 | 276 18:11:52 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 2812 | 276 19:10:00 | 31 | 15 AO | OPCH ACE | | AOS DSS-15 PASS-8819 (D/L ONLY) | | | | | 1DP |
| 2813 | 276 22:13:14 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 2814 | 277 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 29M 26S | | | | | 1L |
| 2815 | 277 00:05:13 | 31 | | | | B- PASS.2 | | | 19134:02:784F | 01-276/12:35:46 | 1TB |
| 2816 | 277 00:05:14 | 31 | | | | PROC B DRIBBLE R/O | | | 19134:03:001F | 01-276/12:35:47 | 1T |
| 2817 | 277 00:05:14 | 31 | | | | B- PASS.3 | | | 19134:03:001F | 01-276/12:35:47 | 1TB |
| 2818 | 277 01:37:31 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 2819 | 277 05:05:00 | 31 | 15 LO | OPCH ACE | | LOS DSS-15 PASS-8819 | | | | | 1DP |
| 2820 | 277 05:39:20 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 2821 | 277 10:35:20 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 2822 | 277 10:44:39 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 2823 | 277 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 29M 31S | | | | | 1L |
| 2824 | 277 18:07:59 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 2825 | 277 19:20:00 | 31 | 24 AO | OPCH ACE | | AOS DSS-24 PASS-8820 (D/L ONLY) | | | | | 1DP |
| 2826 | 277 22:09:18 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 2827 | 277 23:00:00 | 31 | 24 LO | OPCH ACE | | LOS DSS-24 PASS-8820 | | | | | 1DP |
| 2828 | 278 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 29M 37S | | | | | 1L |
| 2829 | 278 01:33:35 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 2830 | 278 05:35:25 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 2831 | 278 10:31:27 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 2832 | 278 10:40:46 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 2833 | 278 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 29M 42S | | | | | 1L |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|----------------------------------|-----------|---------|---------------|-----------------|-----------|
| 2834 | 278 18:04:06 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 2835 | 278 18:45:00 | 31 | 15 AO | OPCH ACE | | AOS DSS-15 PASS-8821 (D/L ONLY) | | | | | 1DP |
| 2836 | 278 22:05:23 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 2837 | 279 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 29M 48S | | | | | 1L |
| 2838 | 279 01:29:40 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 2839 | 279 03:45:00 | 31 | 15 LO | OPCH ACE | | LOS DSS-15 PASS-8821 | | | | | 1DP |
| 2840 | 279 05:31:29 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 2841 | 279 10:27:34 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 2842 | 279 10:36:53 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 2843 | 279 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 29M 53S | | | | | 1L |
| 2844 | 279 18:00:13 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 2845 | 279 19:00:00 | 31 | 15 AO | OPCH ACE | | AOS DSS-15 PASS-8822 (D/L ONLY) | | | | | 1DP |
| 2846 | 279 22:01:27 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 2847 | 280 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 29M 59S | | | | | 1L |
| 2848 | 280 01:25:44 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 2849 | 280 04:55:00 | 31 | 15 LO | OPCH ACE | | LOS DSS-15 PASS-8822 | | | | | 1DP |
| 2850 | 280 05:27:34 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 2851 | 280 05:50:37 | 31 | | | AC7SSB | (4 +146) SS BIAS CONTROL --- YAW | AACS | | 19231:14:003F | 01-279/18:20:36 | 1ECa |
| 2852 | 280 10:23:41 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 2853 | 280 10:33:00 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 2854 | 280 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 30M 04S | | | | | 1L |
| 2855 | 280 17:56:19 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 2856 | 280 18:40:00 | 31 | 15 AO | OPCH ACE | | AOS DSS-15 PASS-8823 (D/L ONLY) | | | | | 1DP |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|-----|------------------|----------|---|--------------|------------|---------------|-----------------|--------------|
| 2857 | 280 21:57:32 | 31 | 60 | SET | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 2858 | 281 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 30M 10S | | | | | 1L |
| 2859 | 281 01:21:49 | 31 | 40 | RISE | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 2860 | 281 04:50:00 | 31 | 15 | LO | OPCH ACE | LOS DSS-15 PASS-8823 | | | | | 1DP |
| 2861 | 281 05:23:39 | 31 | 10 | SET | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 2862 | 281 10:19:48 | 31 | 60 | RISE | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 2863 | 281 10:29:07 | 31 | 40 | SET | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 2864 | 281 11:15:15 | 31 | | | ACE OPCH | >>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESf |
| 2865 | 281 11:20:15 | 31 | | | | | DTR | | 19268:05:602F | 01-280/23:50:00 | 1ESd |
| | | | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2343 | | | | | |
| 2866 | 281 11:20:15 | 31 | | | ACE OPCH | | FDS | CR-5T | 19268:05:602F | 01-280/23:50:00 | 1ESf |
| | | | | | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | | | | | |
| 2867 | 281 11:30:16 | 31 | | | | A041 UPLINK WINDOW OPEN | | | 19268:18:218F | 01-281/00:00:00 | 1T |
| 2868 | 281 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 30M 15S | | | | | 1L |
| 2869 | 281 17:52:26 | 31 | 10 | RISE | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 2870 | 281 18:35:00 | 31 | 15 | AO | OPCH ACE | AOS DSS-15 PASS-8824 (D/L ONLY) | | | | | 1DP |
| 2871 | 281 21:53:36 | 31 | 60 | SET | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 2872 | 282 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 30M 20S | | | | | 1L |
| 2873 | 282 01:17:53 | 31 | 40 | RISE | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 2874 | 282 04:50:00 | 31 | 15 | LO | OPCH ACE | LOS DSS-15 PASS-8824 | | | | | 1DP |
| 2875 | 282 05:19:43 | 31 | 10 | SET | | 10 DEGREE SET DSC-10 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|--------|------------------|---------|---|--------------|------------|---------------|-----------------|--------------|
| 2890 | 283 00:03:07 | 31 | | | SC06BY | (7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED | FDS | | 19313:59:009F | 01-282/12:32:36 | 1ECF |
| 2891 | 283 00:03:55 | 31 | | | | BEGIN PLS/MAG/PESCAL | | | 19314:00:001F | 01-282/12:33:23 | 1T |
| 2892 | 283 01:13:58 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 2893 | 283 01:46:20 | 31 | | | | END PLSCAL | | | 19316:08:001F | 01-282/14:15:47 | 1T |
| 2894 | 283 03:06:20 | 31 | | | | END MAGCAL | | | 19317:48:001F | 01-282/15:35:47 | 1T |
| 2895 | 283 03:19:44 | 31 | | ACE OPCH | | >>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG | | | | | 1ESF |
| 2896 | 283 03:19:44 | 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 |
| 2897 | 283 03:23:56 | 31 | | | | END PESCAL | | | 19318:10:001F | 01-282/15:53:23 | 1T |
| 2898 | 283 03:23:56 | 31 | | | | B- DRCSR | | | 19318:10:001F | 01-282/15:53:23 | 1TB |
| 2899 | 283 03:23:56 | 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 | | 19318:10:009F | 01-282/15:53:24 | 1ECF |
| 2900 | 283 03:24:44 | 31 | | ACE OPCH | | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 19318:11:001F | 01-282/15:54:11 | 1ESF |
| 2901 | 283 03:24:44 | 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 | | 19318:11:002F | 01-282/15:54:11 | 1ECs |
| 2902 | 283 03:24:45 | 31 | | | | END PMPCALLR | | | 19318:11:018F | 01-282/15:54:12 | 1T |
| 2903 | 283 03:30:00 | 31 | 14 LO | OPCH ACE | | LOS DSS-14 PASS-8825 | | | | | 1DP |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|-----|---------------|---------|---|-----------|---------|---------------|-----------------|-----------|
| 2916 | 283 04:12:45 | 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 | | 19319:11:002F | 01-282/16:42:12 | 1ECs |
| 2917 | 283 04:12:46 | 31 | | | | B- DRCRUS | | | 19319:11:018F | 01-282/16:42:12 | 1TB |
| 2918 | 283 04:12:46 | 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 | | 19319:11:026F | 01-282/16:42:13 | 1ECF |
| 2919 | 283 04:13:33 | 31 | | ACE | OPCH | FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11 | FDS | CR-5T | 19319:12:001F | 01-282/16:42:59 | 1ESF |
| 2920 | 283 04:13:33 | 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 | | 19319:12:002F | 01-282/16:42:59 | 1ECs |
| 2921 | 283 04:13:33 | 31 | | | CC16C | (7000) DTR STATE SELECT: READY | DTR | | 19319:12:002F | 01-282/16:43:00 | 1ECd |
| 2922 | 283 04:13:33 | 31 | | | | DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2635 | DTR | | 19319:12:002F | 01-282/16:43:00 | 1ESd |
| 2923 | 283 04:14:21 | 31 | | | SC32AJ | (11) PLS CONFIG CMD | FDS | | 19319:13:009F | 01-282/16:43:48 | 1ECf |
| 2924 | 283 04:14:22 | 31 | | | | END PWSREC.31 | | | 19319:13:018F | 01-282/16:43:48 | 1T |
| 2925 | 283 05:15:48 | 31 | 10 | SET | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 2926 | 283 10:12:02 | 31 | 60 | RISE | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 2927 | 283 10:21:21 | 31 | 40 | SET | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 2928 | 283 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 30M 36S | | | | | 1L |
| 2929 | 283 17:44:40 | 31 | 10 | RISE | | 10 DEGREE RISE DSC-10 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|----------------------------------|-----------|---------|---------------|-----------------|-----------|
| 2930 | 283 18:45:00 | 31 | 25 AO | OPCH ACE | | AOS DSS-25 PASS-8826 (D/L ONLY) | | | | | 1DP |
| 2931 | 283 21:45:45 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 2932 | 284 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 30M 41S | | | | | 1L |
| 2933 | 284 01:10:02 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 2934 | 284 04:25:00 | 31 | 25 LO | OPCH ACE | | LOS DSS-25 PASS-8826 | | | | | 1DP |
| 2935 | 284 05:11:53 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 2936 | 284 10:05:00 | 31 | 63 AO | OPCH ACE | | AOS DSS-63 PASS-8826 (D/L ONLY) | | | | | 1DP |
| 2937 | 284 10:08:09 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 2938 | 284 10:17:28 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 2939 | 284 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 30M 47S | | | | | 1L |
| 2940 | 284 12:00:59 | 31 | | | AC7SSB | (4 +147) SS BIAS CONTROL --- YAW | AACS | | 19358:56:003F | 01-284/00:30:12 | 1ECa |
| 2941 | 284 13:30:00 | 31 | 63 LO | OPCH ACE | | LOS DSS-63 PASS-8826 | | | | | 1DP |
| 2942 | 284 17:30:00 | 31 | 54 AO | OPCH ACE | | AOS DSS-54 PASS-8826 (D/L ONLY) | | | | | 1DP |
| 2943 | 284 17:40:47 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 2944 | 284 19:35:00 | 31 | 15 AO | OPCH ACE | | AOS DSS-15 PASS-8827 (D/L ONLY) | | | | | 1DP |
| 2945 | 284 19:55:00 | 31 | 54 LO | OPCH ACE | | LOS DSS-54 PASS-8826 | | | | | 1DP |
| 2946 | 284 21:41:50 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 2947 | 285 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 30M 52S | | | | | 1L |
| 2948 | 285 01:06:07 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 2949 | 285 04:20:00 | 31 | 15 LO | OPCH ACE | | LOS DSS-15 PASS-8827 | | | | | 1DP |
| 2950 | 285 05:07:58 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 2951 | 285 10:04:16 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 2952 | 285 10:13:36 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|---------------------------------|-----------|---------|-----------|----------|-----------|
| 2953 | 285 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 30M 57S | | | | | 1L |
| 2954 | 285 17:36:54 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 2955 | 285 18:20:00 | 31 | 15 AO | OPCH ACE | | AOS DSS-15 PASS-8828 (D/L ONLY) | | | | | 1DP |
| 2956 | 285 21:37:55 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 2957 | 286 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 31M 02S | | | | | 1L |
| 2958 | 286 01:02:12 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 2959 | 286 04:30:00 | 31 | 15 LO | OPCH ACE | | LOS DSS-15 PASS-8828 | | | | | 1DP |
| 2960 | 286 05:04:03 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 2961 | 286 09:40:00 | 31 | 63 AO | OPCH ACE | | AOS DSS-63 PASS-8828 (D/L ONLY) | | | | | 1DP |
| 2962 | 286 10:00:23 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 2963 | 286 10:09:43 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 2964 | 286 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 31M 08S | | | | | 1L |
| 2965 | 286 17:33:01 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 2966 | 286 20:50:00 | 31 | 63 LO | OPCH ACE | | LOS DSS-63 PASS-8828 | | | | | 1DP |
| 2967 | 286 21:33:59 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 2968 | 287 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 31M 13S | | | | | 1L |
| 2969 | 287 00:58:17 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 2970 | 287 05:00:08 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 2971 | 287 09:56:31 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 2972 | 287 10:05:50 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 2973 | 287 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 31M 18S | | | | | 1L |
| 2974 | 287 17:29:08 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 2975 | 287 18:25:00 | 31 | 25 AO | OPCH ACE | | AOS DSS-25 PASS-8830 (D/L ONLY) | | | | | 1DP |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|-------------------------|-------|--------|---------------|---------|----------------------------------|-----------|---------|---------------|-----------------|-----------|
| 2976 | 287 21:30:04 | 31 | 60 SET | | | 10 DEGREE SET DSC-60 | | | | | 1V |
| 2977 | 288 00:00:00 | 31 | | | | VGR-31 OWLT IS 11H 31M 23S | | | | | 1L |
| 2978 | 288 00:54:21 | 31 | 40RISE | | | 10 DEGREE RISE DSC-40 | | | | | 1V |
| 2979 | 288 04:05:00 | 31 | 25 LO | OPCH ACE | | LOS DSS-25 PASS-8830 | | | | | 1DP |
| 2980 | 288 04:56:13 | 31 | 10 SET | | | 10 DEGREE SET DSC-10 | | | | | 1V |
| 2981 | 288 09:52:38 | 31 | 60RISE | | | 10 DEGREE RISE DSC-60 | | | | | 1V |
| 2982 | 288 10:01:57 | 31 | 40 SET | | | 10 DEGREE SET DSC-40 | | | | | 1V |
| 2983 | 288 12:00:00 | 31 | | | | VGR-31 OWLT IS 11H 31M 28S | | | | | 1L |
| 2984 | 288 12:40:00 | 31 | 63 AO | OPCH ACE | | AOS DSS-63 PASS-8830 (D/L ONLY) | | | | | 1DP |
| 2985 | 288 17:25:15 | 31 | 10RISE | | | 10 DEGREE RISE DSC-10 | | | | | 1V |
| 2986 | 288 18:11:19 | 31 | | | AC7SSB | (4 +148) SS BIAS CONTROL --- YAW | AACS | | 19486:38:003F | 01-288/06:39:48 | 1ECa |
| 2987 | 288 20:40:55 | 31 | | | | FINAL SPACECRAFT STATUS | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 2988 | 288 20:40:55 | 31 | | | | RADIO STATUS | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 2989 | 288 20:40:55 | 31 | | | DC2AR | S-BAND RANGING OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 2990 | 288 20:40:55 | 31 | | | DC2DR | S-BAND LO PWR | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 2991 | 288 20:40:55 | 31 | | | DC2HR | X-BAND LO PWR | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 2992 | 288 20:40:55 | 31 | | | DC2N | X-BAND RANGING ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 2993 | 288 20:40:55 | 31 | | | DC2P | 2 WAY NON-COHERENT ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 2994 | 288 20:40:55 | 31 | | | DC2QR | USO OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 2995 | 288 20:40:55 | 31 | | | CC2BRP | S-BAND EXC-2 SEL | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 2996 | 288 20:40:55 | 31 | | | CC2CRP | S-BAND TRANS-2 SEL | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 2997 | 288 20:40:55 | 31 | | | CC2FP | RCVR-1 SEL | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 2998 | 288 20:40:55 | 31 | | | CC2JP | X-BAND EXC-1 SEL | | | 19489:44:785F | 01-288/09:09:23 | 1TI |

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FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|-----|------------------|---------|-------------------------|--------------|------------|---------------|-----------------|--------------|
| 2999 | 288 20:40:55 | 31 | | | CC2GP | X-BAND ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3000 | 288 20:40:55 | 31 | | | CC2KRP | S-BAND OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3001 | 288 20:40:55 | 31 | | | CC2LP | X-BAND TWTA-1 SEL | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3002 | 288 20:40:55 | 31 | | | CC2MP | S-BAND EXC ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3003 | 288 20:40:55 | 31 | | | DC2E | HGA SELECT | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3004 | 288 20:40:55 | 31 | | | CC1T | BAY 1 HTR ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3005 | 288 20:40:55 | 31 | | | | MDS STATUS | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3006 | 288 20:40:55 | 31 | | | CC3BP | TMU ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3007 | 288 20:40:55 | 31 | | | CC3GP | TMU-A SEL | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3008 | 288 20:40:55 | 31 | | | CC3HP | CDU-A SEL | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3009 | 288 20:40:55 | 31 | | | CC3A | 32310 X-BAND | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3010 | 288 20:40:55 | 31 | | | CC3A | 28301 S-BAND | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3011 | 288 20:40:55 | 31 | | | | POWER STATUS | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3012 | 288 20:40:55 | 31 | | | CC4A | UNDERVOLTAGE TRIP RESET | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3013 | 288 20:40:55 | 31 | | | CC4K | RTG-1 DIODE BYPASS ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3014 | 288 20:40:55 | 31 | | | CC4L | RTG-2 DIODE BYPASS ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3015 | 288 20:40:55 | 31 | | | CC4M | RTG-3 DIODE BYPASS ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3016 | 288 20:40:55 | 31 | | | | CCS STATUS | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3017 | 288 20:40:55 | 31 | | | DC5AR | CCS TOL DET ENABLE | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3018 | 288 20:40:55 | 31 | | | | FDS STATUS | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3019 | 288 20:40:55 | 31 | | | CC6CP | FDS ON/ISS PWR ENABLE | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3020 | 288 20:40:55 | 31 | | | CC6AA | 1 SVC-W1 | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3021 | 288 20:40:55 | 31 | | | CC6AD | 3200 SVC-W4 | | | 19489:44:785F | 01-288/09:09:23 | 1TI |

FINAL SEQUENCE FOR JST A040 (TOL/A040F - EVTSDR/A040DG)

| 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 |
|---------|----------------------------|-------|-----|------------------|----------|----------------------------|--------------|------------|---------------|-----------------|--------------|
| 3022 | 288 20:40:55 | 31 | | | CC6AE | 30011 SVC-W5 | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3023 | 288 20:40:55 | 31 | | | CC6AP | FDS PWR CONV A SEL | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3024 | 288 20:40:55 | 31 | | | CC6AB | 01010 SVC-W2 | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3025 | 288 20:40:55 | 31 | | | SC06BB | 530070 FDS DATA MODE | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3026 | 288 20:40:55 | 31 | | | | AACS STATUS | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3027 | 288 20:40:55 | 31 | | | AC7PCG | 14 HYBIC 2 PWR ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3028 | 288 20:40:55 | 31 | | | CC7ML | 05 CST ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3029 | 288 20:40:55 | 31 | | | AC7CTG | 10 394 CST HI GATE | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3030 | 288 20:40:55 | 31 | | | AC7CTG | 11 442 CST LO GATE | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3031 | 288 20:40:55 | 31 | | | AC7GYP | 000 GYRO PATTERN | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3032 | 288 20:40:55 | 31 | | | AC7PCG | 52 GYRO A OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3033 | 288 20:40:55 | 31 | | | AC7PCG | 62 GYRO B OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3034 | 288 20:40:55 | 31 | | | AC7PCG | 72 GYRO C OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3035 | 288 20:40:55 | 31 | | | AC7PAR | 7530 000000 GYRO OFF NORM | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3036 | 288 20:40:55 | 31 | | | AC7PAR | 6740 000740 PITCH DEADBAND | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3037 | 288 20:40:55 | 31 | | | AC7PAR | 6741 001700 YAW DEADBAND | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3038 | 288 20:40:55 | 31 | | | AC7PAR | 6742 004540 ROLL DEADBAND | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3039 | 288 20:40:55 | 31 | | | DEADBAND | DEAD BAND STATE: 05 10 25 | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3040 | 288 20:40:55 | 31 | | | CC7SS | 1 AACS TO RAI | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3041 | 288 20:40:55 | 31 | | | CC7CT | 01 CST CONE ANGLE 1 | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3042 | 288 20:40:55 | 31 | | | AC7DDB | 000480 DEAD BAND CONTROL | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3043 | 288 20:40:55 | 31 | | | CC7AHRP | SS HTR A OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3044 | 288 20:40:55 | 31 | | | CC7BHP | SS HTR B ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |

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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 |
|---------|----------------------------|-------|-----|------------------|---------|---------------------------|--------------|------------|---------------|-----------------|--------------|
| 3045 | 288 20:40:55 | 31 | | | CC7ML | 01 FDS CHAN A | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3046 | 288 20:40:55 | 31 | | | CC7ML | 09 TCAPU FAULT ENA | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3047 | 288 20:40:55 | 31 | | | AC7PCG | 61 AACS BAY 6 HTR A OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3048 | 288 20:40:55 | 31 | | | AC7PCG | 71 AACS BAY 6 HTR B OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3049 | 288 20:40:55 | 31 | | | CC7MMRP | PROC/MEM 2 SELECT | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3050 | 288 20:40:55 | 31 | | | CC7SHP | AZ SCAN ACTUATOR HTR ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3051 | 288 20:40:55 | 31 | | | AC7PCG | 22 CST SUN SHUTTER OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3052 | 288 20:40:55 | 31 | | | AC7PCG | 10 ISO VALVE BRANCH 1 OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3053 | 288 20:40:55 | 31 | | | AC7PCG | 20 ISO VALVE BRANCH 2 OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3054 | 288 20:40:55 | 31 | | | CC1PHRP | SCAN PLAT SUPL HTR OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3055 | 288 20:40:55 | 31 | | | CC77MRP | MAM OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3056 | 288 20:40:55 | 31 | | | DC77PR | NON-PRIME FCP/MEM OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3057 | 288 20:40:55 | 31 | | | DC77XR | MAM COMMAND DISABLE | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3058 | 288 20:40:55 | 31 | | | | PYRO STATUS | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3059 | 288 20:40:55 | 31 | | | CC8D | PSU INSTRUMENTATION ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3060 | 288 20:40:55 | 31 | | | DC8XR | PYRO DISABLE | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3061 | 288 20:40:55 | 31 | | | | PROPULSION STATUS | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3062 | 288 20:40:55 | 31 | | | CC10CRP | TCM HTR OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3063 | 288 20:40:55 | 31 | | | CC10DR | AP BR1 HTR OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3064 | 288 20:40:55 | 31 | | | CC10ER | AP BR2 HTR OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3065 | 288 20:40:55 | 31 | | | CC10TRP | TCM LINE HTRS OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3066 | 288 20:40:55 | 31 | | | | DSS STATUS | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3067 | 288 20:40:55 | 31 | | | CC16BR | DSS 10 W REPL HTR OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |

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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 |
|---------|-------------------------|-------|-----|---------------|---------|-----------------------|-----------|---------|---------------|-----------------|-----------|
| 3068 | 288 20:40:55 | 31 | | | CC16AP | DSS ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3069 | 288 20:40:55 | 31 | | | CC1DR | BAY 2 19 W HTR OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3070 | 288 20:40:55 | 31 | | | CC16C | 7215 DSS CONTROL | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3071 | 288 20:40:55 | 31 | | | | SCIENCE PWR STATUS | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3072 | 288 20:40:55 | 31 | | | CC1CR | MAG COIL OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3073 | 288 20:40:55 | 31 | | | CC21A | CRS ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3074 | 288 20:40:55 | 31 | | | CC21B | CRS REPL HTR ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3075 | 288 20:40:55 | 31 | | | CC21CR | CRS SUPP HTR OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3076 | 288 20:40:55 | 31 | | | CC22A | PRA ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3077 | 288 20:40:55 | 31 | | | CC23A | PWS ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3078 | 288 20:40:55 | 31 | | | CC25A | LECP ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3079 | 288 20:40:55 | 31 | | | CC25B | LECP STEPPER MOTOR ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3080 | 288 20:40:55 | 31 | | | CC25CR | LECP REPL HTR OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3081 | 288 20:40:55 | 31 | | | CC25D | LECP MAIN SUPP HTR ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3082 | 288 20:40:55 | 31 | | | CC25E | LECP LEPT SUPP HTR ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3083 | 288 20:40:55 | 31 | | | CC27BR | PPS SUPP HTR OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3084 | 288 20:40:55 | 31 | | | CC32A | PLS ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3085 | 288 20:40:55 | 31 | | | CC32BR | PLS SUPP HTR OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3086 | 288 20:40:55 | 31 | | | CC32C | PLS REPL HTR ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3087 | 288 20:40:55 | 31 | | | CC34A | UVS ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3088 | 288 20:40:55 | 31 | | | CC34B | UVS REPL HTR ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3089 | 288 20:40:55 | 31 | | | CC35AR | MAG OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3090 | 288 20:40:55 | 31 | | | CC35B | MAG STANDBY ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |

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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 |
|---------|----------------------------|-------|-----|------------------|---------|---------------------------|--------------|------------|---------------|-----------------|--------------|
| 3091 | 288 20:40:55 | 31 | | | CC35GR | MAG SENSOR HTR OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3092 | 288 20:40:55 | 31 | | | CC36GR | ISS WA VID REPL HTR OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3093 | 288 20:40:55 | 31 | | | CC36H | ISS WA ELEC REPL HTR ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3094 | 288 20:40:55 | 31 | | | CC36CRP | ISS NA OPTICS HTR OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3095 | 288 20:40:55 | 31 | | | CC36FRP | ISS NA VID REPL HTR OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3096 | 288 20:40:55 | 31 | | | CC36JP | ISS NA ELEC REPL HTR ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3097 | 288 20:40:55 | 31 | | | CC39D | IRIS REPL HTR ON | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3098 | 288 20:40:55 | 31 | | | CC39FR | IRIS STANDBY A SUPPLY OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3099 | 288 20:40:55 | 31 | | | CC39BR | IRIS STANDBY B SUPPLY OFF | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3100 | 288 20:40:55 | 31 | | | | SCIENCE INSTRUMENT STATUS | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3101 | 288 20:40:55 | 31 | | | SC21AF | 01000 CRS CMD WORD | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3102 | 288 20:40:55 | 31 | | | SC21AF | 02000 CRS CMD WORD | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3103 | 288 20:40:55 | 31 | | | SC21AF | 03000 CRS CMD WORD | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3104 | 288 20:40:55 | 31 | | | SC21AF | 04000 CRS CMD WORD | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3105 | 288 20:40:55 | 31 | | | SC21AF | 05200 CRS CMD WORD | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3106 | 288 20:40:55 | 31 | | | SC21AF | 06000 CRS CMD WORD | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3107 | 288 20:40:55 | 31 | | | SC21AF | 07200 CRS CMD WORD | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3108 | 288 20:40:55 | 31 | | | SC21AF | 08200 CRS CMD WORD | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3109 | 288 20:40:55 | 31 | | | SC21AF | 10000 CRS CMD WORD | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3110 | 288 20:40:55 | 31 | | | SC21AF | 11000 CRS CMD WORD | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3111 | 288 20:40:55 | 31 | | | SC21AF | 12000 CRS CMD WORD | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3112 | 288 20:40:55 | 31 | | | SC21AF | 13012 CRS CMD WORD | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3113 | 288 20:40:55 | 31 | | | SC21AG | CRS HV FLAG | | | 19489:44:785F | 01-288/09:09:23 | 1TI |

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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 |
|---------|-------------------------|-------|-----|---------------|---------|----------------------------|-----------|---------|---------------|-----------------|-----------|
| 3114 | 288 20:40:55 | 31 | | | SC21AH | CRS CAL-ST FLAG | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3115 | 288 20:40:55 | 31 | | | SC22AF | 1347 PRA CONFIGURATION CMD | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3116 | 288 20:40:55 | 31 | | | SC22NU | 0000 PRA MODE SELECT | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3117 | 288 20:40:55 | 31 | | | SC23AD | 5 PWS CMD WORD | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3118 | 288 20:40:55 | 31 | | | SC25AH | 1777 LECP CMD WORD | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3119 | 288 20:40:55 | 31 | | | SC25AH | 2417 LECP CMD WORD | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3120 | 288 20:40:55 | 31 | | | SC25AH | 5600 LECP CMD WORD | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3121 | 288 20:40:55 | 31 | | | SC25AH | 6032 LECP CMD WORD | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3122 | 288 20:40:55 | 31 | | | SC25AJ | 1 LECP MOTOR STEP CMD | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3123 | 288 20:40:55 | 31 | | | SC25AN | 0 LECP NEAR/FAR ENC | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3124 | 288 20:40:55 | 31 | | | SC25AQ | 5200 LECP SAFE CMD | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3125 | 288 20:40:55 | 31 | | | SC32AF | 2 PLS E1 INT/AMP GAIN | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3126 | 288 20:40:55 | 31 | | | SC32AG | 2 PLS E2 INT/AMP GAIN | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3127 | 288 20:40:55 | 31 | | | SC32AH | 3 PLS M INT/AMP GAIN | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3128 | 288 20:40:55 | 31 | | | SC32AJ | 11 PLS CONFIG CMD | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3129 | 288 20:40:55 | 31 | | | SC32AK | 2 PLS L INT/AMP GAIN | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3130 | 288 20:40:55 | 31 | | | SC32AL | 216 PLS M START WORD 1 | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3131 | 288 20:40:55 | 31 | | | SC32AM | 216 PLS M START WORD 2 | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3132 | 288 20:40:55 | 31 | | | SC32AN | 2 PLS M MODE | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3133 | 288 20:40:55 | 31 | | | SC32AP | 3 PLS E1 SHRT | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3134 | 288 20:40:55 | 31 | | | SC32AQ | 3 PLS E2 SHRT | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3135 | 288 20:40:55 | 31 | | | SC32AR | 3 PLS L SHORT | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3136 | 288 20:40:55 | 31 | | | SC32AS | 2 PLS E1 LONG | | | 19489:44:785F | 01-288/09:09:23 | 1TI |

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|---------|-------------------------|-------|-----|---------------|---------|----------------------------------|-----------|---------|---------------|-----------------|-----------|
| 3137 | 288 20:40:55 | 31 | | | SC32AT | 2 PLS E2 LONG | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3138 | 288 20:40:55 | 31 | | | SC32AU | 2 PLS L LONG | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3139 | 288 20:40:55 | 31 | | | SC34AE | 13 UVS MODE/HV LEVEL | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3140 | 288 20:40:55 | 31 | | | SC34AF | 0 UVS READ OUT FLAG | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3141 | 288 20:40:55 | 31 | | | SC35AI | 030001 MAG HFM/EL FLIP/IFC/LFM | | | 19489:44:785F | 01-288/09:09:23 | 1TI |
| 3142 | 288 20:40:55 | 31 | | | SC35AO | 030001 MAG HFM/PRIME/IFC/LFM RAN | | | 19489:44:785F | 01-288/09:09:23 | 1TI |