# Chapter 4 - NIMS Observation Summaries

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## Introduction to Chapter 4

This chapter summarizes the NIMS G7 observations in terms of a comprehensive sequence summary, Individual Obstab Summaries and a NIMS Obstab (Observation Table).

The NIMS Sequence Summary is a time-ordered listing of all spacecraft activity pertinent to NIMS operations for the G7 Sequence. The information in this summary is derived from the G7 SEFs (Spacecraft Event File) and PBTs (Playback Tables) with inputs from the NIMS Science Coordinators regarding the start time and duration of the NIMS observations. There are twelve columns of information in this table:

1) Line - Line Count.
2) YR - Year.
3) DOY - Day of Year.
4) Time - SCET Time (UTC).
5) PSID - Parameter Set ID of the SEF line.
6) Command - Command name from the SEF.
7) Parameters - Parameters from the above Command Line.
8) Description - Description of the above Command for NIMS.
9) GCM - NIMS Gain, Chopper mode, Instrument Mode.
   Gain = 1,2,3 or 4.
   Chopper Mode = R (Reference) or 6 (63Hz).
   Instrement Mode = 0-15
10) GO - NIMS Grating Offset.
11) GS - NIMS Grating Start Position.
12) RIM,MF,I - SCLK of the Command Line (RIM:MF:RTI)

An additional line is inserted into this table at the start and stop times of each NIMS Observation (Oapel) to bracket the commands which affect each NIMS Observation. The NIMS Playback Select and DeSelect times are also inserted into this table to correlate the playback requests with the observations.

The Individual Obstab Summaries are expansions of the NIMS Obstab to one page per Obstab entry for ease in reading the NIMS Obstab.

The NIMS Obstab (Observation Table) is a time-ordered listing of the NIMS obsrvation parameters for use by downlink data processing of the NIMS G7 data. It is also derived from the G7 SEFs and PBTs. Each Obstab entry is 512 bytes long but is presented here as 4 lines of 128 characters per entry.

| Sequence: | G07A1-ARF | Created: 4/9/97 | Begin: 97-089/16:00:00 Finish: 97-093/15:55:00 |
|---|---|---|---|

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 97 | 89 | 15:59:59.933 | | DMS: | : READY | RDY, TRACK 4, REV, TIC 5623.00 +/- | 4O0 | 4 | 0 | 3,891,247:11:0 | |
| **2** | **97** | **89** | **16:00:00.000** | **20A3EX** | **37HR** | **Initial Condition** | **Replacement Heaters OFF** | **4O0** | **4** | **0** | **3,891,247:11:1** | |
| **3** | **97** | **89** | **16:00:00.000** | **20A3EY** | **37C1PR** | **Initial Condition** | **Optics Heater 1 OFF (primary relay)** | **4O0** | **4** | **0** | **3,891,247:11:1** | |
| **4** | **97** | **89** | **16:00:00.000** | **20A3EZ** | **37C2PR** | **Initial Condition** | **Optics Heater 2 OFF (primary relay)** | **4O0** | **4** | **0** | **3,891,247:11:1** | |
| **5** | **97** | **89** | **16:00:00.000** | **20A3FA** | **37F1PR** | **Initial Condition** | **Radiator Flash Heater OFF (primary relay)** | **4O0** | **4** | **0** | **3,891,247:11:1** | |
| **6** | **97** | **89** | **16:00:00.000** | **20A3FB** | **37F2PR** | **Initial Condition** | **Shield Flash Heater OFF (primary relay)** | **4O0** | **4** | **0** | **3,891,247:11:1** | |
| **7** | **97** | **89** | **16:00:00.000** | **20A3FD** | **40HRPR** | **Initial Condition** | **RCT Heater OFF (primary relay)** | **4O0** | **4** | **0** | **3,891,247:11:1** | |
| **8** | **97** | **89** | **16:00:00.000** | **20A3FE** | **40T1PR** | **Initial Condition** | **PCT Heater 1 OFF (primary relay)** | **4O0** | **4** | **0** | **3,891,247:11:1** | |
| **9** | **97** | **89** | **16:00:00.000** | **20A3FF** | **40T2R** | **Initial Condition** | **PCT Heater 2 OFF** | **4O0** | **4** | **0** | **3,891,247:11:1** | |
| **10** | **97** | **89** | **16:00:00.000** | **20A3EW** | **37A** | **Initial Condition** | **NIMS Power ON** | **4O0** | **4** | **0** | **3,891,247:11:1** | |
| **11** | **97** | **89** | **16:00:51.933** | **432JA6B** | **6RTDS2** | **NIMDSL,AACNCG,RT** | **NIMS R/T DESELECT** | **4O0** | **4** | **0** | **3,891,247:89:0** | |
| 12 | 97 | 89 | 16:00:52.600 | 432JA431A6A | 6RCDSL | DDSDSL,PLSDSL,EP | Record Deselect (DDS o | 4O0 | 4 | 0 | 3,891,247:90:0 | |
| **13** | **97** | **89** | **16:00:53.266** | **432JA6D** | **6RTSL2** | **NIMNCG,AACSEL,RT** | **AACS SELECT** | **4O0** | **4** | **0** | **3,891,248:00:0** | |
| 14 | 97 | 89 | 16:00:53.266 | 432JA6C | 6RTSL1 | | R/T Select of DDS and | 4O0 | 4 | 0 | 3,891,248:00:0 | |
| 15 | 97 | 89 | 16:01:47.933 | 488AA6A | 6TMSED | NORM,BL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,891,248:82:0 | |
| 16 | 97 | 89 | 16:01:59.933 | 432OA6A | 6RTSL1 | | R/T Select of DDS and | 4O0 | 4 | 0 | 3,891,249:09:0 | |
| 17 | 97 | 89 | 16:04:59.933 | 418SA6B | 6BUFHI | 10 | MUB Buffer high water | 4O0 | 4 | 0 | 3,891,252:06:0 | |
| 18 | 97 | 89 | 16:04:59.933 | 418SA6A | 6BUFLO | 2 | MUB Buffer low water m | 4O0 | 4 | 0 | 3,891,252:06:0 | |
| 19 | 97 | 89 | 16:10:19.933 | 488AA6B | 6TMSED | NORM,BL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,891,257:31:0 | |
| 20 | 97 | 89 | 16:59:59.933 | 488AA6C | 6TMSED | NORM,IL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,891,306:42:0 | |
| 21 | 97 | 89 | 17:00:00.600 | 282NA432A431A6A | 6RCDSL | DDSNCG,PLSDSL,EP | Record Deselect (DDS o | 4O0 | 4 | 0 | 3,891,306:43:0 | |
| 22 | 97 | 89 | 17:00:01.266 | 282NA432A6A | 6RTSL1 | | R/T Select of DDS and | 4O0 | 4 | 0 | 3,891,306:44:0 | |
| 23 | 97 | 89 | 17:18:43.266 | 165BA4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4O0 | 4 | 0 | 3,891,324:89:0 | |
| 24 | 97 | 89 | 17:18:43.933 | 165BA4B | 7SCAN | NORM,230.632999, | Check S/P Position | 4O0 | 4 | 0 | 3,891,324:90:0 | |
| 25 | 97 | 89 | 17:48:27.933 | 488AA6D | 6TMSED | NORM,IL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,891,354:36:0 | |
| 26 | 97 | 89 | 18:49:32.600 | 175BB422A6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 4O0 | 4 | 0 | 3,891,414:73:0 | |
| 27 | 97 | 89 | 18:49:39.933 | 282NB431A6A | 6RCSEL | DDSNCG,PLSSEL,EP | Record Select (DDS onl | 4O0 | 4 | 0 | 3,891,414:84:0 | |
| 28 | 97 | 89 | 18:49:40.466 | | DMS: | : *RUNUP | R7, TRACK *4, *REV, TIC *5624.41 +/- | 4O0 | 4 | 0 | 3,891,414:84:8 | |
| 29 | 97 | 89 | 18:49:41.866 | | DMS: | **: *RECORD** | R7, TRACK 4, REV, TIC *5624.29 +/- | 4O0 | 4 | 0 | 3,891,414:86:9 | |
| 30 | 97 | 89 | 18:49:41.866 | | DMS: | : *AT_SPD | R7, TRACK 4, REV, TIC 5624.29 +/- | 4O0 | 4 | 0 | 3,891,414:86:9 | |
| 31 | 97 | 89 | 18:49:41.933 | 175BB176A6A | 6TMREC | LPW | 7.68 KBPS LOW RATE SCI PWS RECORD Record | 4O0 | 4 | 0 | 3,891,414:87:0 | |
| 32 | 97 | 89 | 18:49:44.600 | 431OB6A | 6RCSEL | DDSNCG,PLSNCG,EP | Record Select (DDS onl | 4O0 | 4 | 0 | 3,891,415:00:0 | |
| 33 | 97 | 89 | 19:35:16.600 | 432OX431A6A | 6RCDSL | DDSNCG,PLSNCG,EP | Record Deselect (DDS o | 4O0 | 4 | 0 | 3,891,460:03:0 | |
| 34 | 97 | 89 | 19:35:17.266 | 432OX6A | 6RTSL1 | | R/T Select of DDS and | 4O0 | 4 | 0 | 3,891,460:04:0 | |
| 35 | 97 | 89 | 19:35:20.600 | 282NC431A6A | 6RCDSL | DDSNCG,PLSDSL,EP | Record Deselect (DDS o | 4O0 | 4 | 0 | 3,891,460:09:0 | |
| 36 | 97 | 89 | 19:35:26.600 | | DMS: | **: *RUNDOWN** | R7, TRACK 4, REV, TIC *4981.00 +/- | 4O0 | 4 | 0 | 3,891,460:18:0 | |
| 37 | 97 | 89 | 19:35:26.600 | 175BB422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4O0 | 4 | 0 | 3,891,460:18:0 | |
| 38 | 97 | 89 | 19:36:09.933 | 282NC432A431A6A | 6RCDSL | DDSNCG,PLSDSL,EP | Record Deselect (DDS o | 4O0 | 4 | 0 | 3,891,460:83:0 | |
| 39 | 97 | 89 | 19:36:10.600 | 282NC432A6A | 6RTSL1 | | R/T Select of DDS and | 4O0 | 4 | 0 | 3,891,460:84:0 | |
| 40 | 97 | 89 | 20:00:59.933 | 444UA443A4B | **7MODE** | **INT** | AACS INERTIAL MODE | 4O0 | 4 | 0 | 3,891,485:43:0 | |
| 41 | 97 | 89 | 21:14:59.933 | 488AA6E | 6TMSED | NORM,HL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,891,558:60:0 | |
| 42 | 97 | 89 | 21:18:56.600 | 488AB6A | 6TMSED | FILL,HL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,891,562:51:0 | |
| 43 | 97 | 89 | 21:38:29.933 | 488AB6B | 6TMSED | NORM,HL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,891,581:82:0 | |
| 44 | 97 | 90 | 00:50:51.933 | 488AB6C | 6TMSED | NORM,HL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,891,772:14:0 | |
| 45 | 97 | 90 | 01:29:59.933 | 488AB6D | 6TMSED | NORM,EL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,891,810:78:0 | |
| 46 | 97 | 90 | 01:30:00.600 | 282ND432A431A6A | 6RCDSL | DDSNCG,PLSDSL,EP | Record Deselect (DDS o | 4O0 | 4 | 0 | 3,891,810:79:0 | |
| 47 | 97 | 90 | 01:30:01.266 | 282ND432A6A | 6RTSL1 | | R/T Select of DDS and | 4O0 | 4 | 0 | 3,891,810:80:0 | |
| 48 | 97 | 90 | 02:05:31.933 | 488AB6E | 6TMSED | NORM,EL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,891,846:00:0 | |
| 49 | 97 | 90 | 03:00:59.933 | 488AC6A | 6TMSED | NORM,EL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,891,900:78:0 | |
| 50 | 97 | 90 | 03:45:47.933 | 488AC6B | 6TMSED | NORM,EL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,891,945:15:0 | |
| 51 | 97 | 90 | 04:09:15.933 | 488AC6C | 6TMSED | NORM,EL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,891,968:34:0 | |
| 52 | 97 | 90 | 04:49:47.933 | 488AC6D | 6TMSED | NORM,EL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,892,008:42:0 | |
| 53 | 97 | 90 | 05:29:59.933 | 488AC6E | 6TMSED | NORM,DL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,892,048:20:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 54 | 97 | 90 | 09:32:25.266 | 165BB4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4O0 | 4 | 0 | 3,892,287 | 89:0 |
| 55 | 97 | 90 | 09:32:25.933 | 165BB4B | 7SCAN | NORM,221.816999, | Check S/P Position | 4O0 | 4 | 0 | 3,892,287 | 90:0 |
| 56 | 97 | 90 | 11:08:59.933 | 488AD6A | 6TMSED | FILL,DL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,892,383 | 45:0 |
| 57 | 97 | 90 | 11:15:55.933 | 488AD6B | 6TMSED | FILL,DL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,892,390 | 32:0 |
| 58 | 97 | 90 | 11:29:02.600 | 488AD6C | 6TMSED | NORM,DL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,892,403 | 29:0 |
| 59 | 97 | 90 | 11:35:07.933 | 488AD6D | 6TMSED | NORM,DL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,892,409 | 31:0 |
| 60 | 97 | 90 | 12:28:27.933 | 488AD6E | 6TMSED | NORM,DL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,892,462 | 08:0 |
| 61 | 97 | 90 | 12:53:17.933 | 488AE6A | 6TMSED | FILL,DL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,892,486 | 59:0 |
| 62 | 97 | 90 | 13:21:57.266 | 488AE6B | 6TMSED | NORM,DL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,892,514 | 90:0 |
| 63 | 97 | 90 | 15:39:28.600 | 176KA6A | 6TMREC | ORT | OPNAV - REAL TIME Record Mode Change | 4O0 | 4 | 0 | 3,892,651 | 00:0 |
| 64 | 97 | 90 | 15:45:31.266 | 165QA4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4O0 | 4 | 0 | 3,892,656 | 89:0 |
| 65 | 97 | 90 | 15:45:31.933 | 165QA4B | 7SCAN | NORM,197.300999, | Check S/P Position | 4O0 | 4 | 0 | 3,892,656 | 90:0 |
| 66 | 97 | 90 | 15:59:59.933 | 488AE6C | 6TMSED | NORM,GL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,892,671 | 27:0 |
| 67 | 97 | 90 | 16:00:00.600 | 282NE432A431A6A | 6RCDSL | DDSNCG,PLSDSL,EP | Record Deselect (DDS o | 4O0 | 4 | 0 | 3,892,671 | 28:0 |
| 68 | 97 | 90 | 16:00:01.266 | 282NE432A6A | 6RTSL1 | | R/T Select of DDS and | 4O0 | 4 | 0 | 3,892,671 | 29:0 |
| 69 | 97 | 90 | 16:00:41.266 | 165QB4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4O0 | 4 | 0 | 3,892,671 | 89:0 |
| 70 | 97 | 90 | 16:00:41.933 | 165QB4B | 7SCAN | NORM,197.405998, | Check S/P Position | 4O0 | 4 | 0 | 3,892,671 | 90:0 |
| 71 | 97 | 90 | 16:15:51.266 | 165QC4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4O0 | 4 | 0 | 3,892,686 | 89:0 |
| 72 | 97 | 90 | 16:15:51.933 | 165QC4B | 7SCAN | NORM,197.552999, | Check S/P Position | 4O0 | 4 | 0 | 3,892,686 | 90:0 |
| 73 | 97 | 90 | 16:18:51.933 | 488AE6D | 6TMSED | NORM,GL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,892,689 | 87:0 |
| 74 | 97 | 90 | 17:34:43.200 | 165BR4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4O0 | 4 | 0 | 3,892,764 | 89:0 |
| 75 | 97 | 90 | 17:34:43.866 | 165BR4B | 7SCAN | NORM,221.816999, | Check S/P Position | 4O0 | 4 | 0 | 3,892,764 | 90:0 |
| 76 | 97 | 90 | 17:48:27.866 | 488AE6E | 6TMSED | NORM,GL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,892,778 | 52:0 |
| 77 | 97 | 90 | 19:30:51.866 | 488AF6A | 6TMSED | NORM,GL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,892,879 | 77:0 |
| 78 | 97 | 90 | 19:42:25.866 | 488AF6B | 6TMSED | FILL,GL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,892,891 | 26:0 |
| 79 | 97 | 90 | 19:59:59.866 | 488AF6C | 6TMSED | FILL,EL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,892,908 | 60:0 |
| 80 | 97 | 90 | 20:00:00.533 | 282NF432A431A6A | 6RCDSL | DDSNCG,PLSDSL,EP | Record Deselect (DDS o | 4O0 | 4 | 0 | 3,892,908 | 61:0 |
| 81 | 97 | 90 | 20:00:01.200 | 282NF432A6A | 6RTSL1 | | R/T Select of DDS and | 4O0 | 4 | 0 | 3,892,908 | 62:0 |
| 82 | 97 | 90 | 20:04:15.200 | 488AF6D | 6TMSED | NORM,EL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,892,912 | 79:0 |
| 83 | 97 | 91 | 02:01:15.866 | 488AG6A | 6TMSED | NORM,EL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,893,265 | 87:0 |
| 84 | 97 | 91 | 02:59:59.866 | 488AG6B | 6TMSED | NORM,CL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,893,324 | 04:0 |
| 85 | 97 | 91 | 03:22:19.866 | 488AG6C | 6TMSED | NORM,CL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,893,346 | 12:0 |
| 86 | 97 | 91 | 03:41:31.866 | 488AG6D | 6TMSED | NORM,CL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,893,365 | 11:0 |
| 87 | 97 | 91 | 04:09:15.866 | 488AG6E | 6TMSED | NORM,CL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,893,392 | 50:0 |
| 88 | 97 | 91 | 04:23:05.200 | 20KA4A | **7SAFE** | **UNSTOW** | S/P TO 153 deg cone | 4O0 | 4 | 0 | 3,893,406 | 20:0 |
| 89 | 97 | 91 | 04:29:59.866 | 41WC99A | **POWER** | **PWR MODE change** | Change to Maneuver/Playback Mode | 4O0 | 4 | 0 | 3,893,413 | 05:0 |
| **90** | **97** | **91** | **04:30:03.866** | **41WC3K** | **37F2PR** | **1** | **Shield Flash Heater OFF (primary relay)** | **4O0** | **4** | **0** | **3,893,413** | **11:0** |
| **91** | **97** | **91** | **04:30:13.866** | **41WC3L** | **37F2PR** | **2** | **Shield Flash Heater OFF (primary relay)** | **4O0** | **4** | **0** | **3,893,413** | **26:0** |
| **92** | **97** | **91** | **04:32:23.866** | **41WC3G** | **40T1P** | **1** | **PCT Heater 1 ON (primary relay)** | **4O0** | **4** | **0** | **3,893,415** | **39:0** |
| **93** | **97** | **91** | **04:32:33.866** | **41WC3H** | **40T1P** | **2** | **PCT Heater 1 ON (primary relay)** | **4O0** | **4** | **0** | **3,893,415** | **54:0** |
| **94** | **97** | **91** | **04:32:43.866** | **41WC3I** | **40T2** | **1** | **PCT Heater 2 ON** | **4O0** | **4** | **0** | **3,893,415** | **69:0** |
| **95** | **97** | **91** | **04:32:53.866** | **41WC3J** | **40T2** | **2** | **PCT Heater 2 ON** | **4O0** | **4** | **0** | **3,893,415** | **84:0** |
| 96 | 97 | 91 | 04:32:59.866 | 488AH6A | 6TMSED | NORM,CH3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,893,416 | 02:0 |
| 97 | 97 | 91 | 04:49:47.866 | 488AH6B | 6TMSED | NORM,CH4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,893,432 | 58:0 |
| 98 | 97 | 91 | 04:49:59.866 | 474AA416A4B | **7MODE** | **INT** | AACS INERTIAL MODE | 4O0 | 4 | 0 | 3,893,432 | 76:0 |
| 99 | 97 | 91 | 04:51:59.866 | 474AA416A4D | **7SAFE** | **UNSTOW** | S/P TO 153 deg cone | 4O0 | 4 | 0 | 3,893,434 | 74:0 |
| 100 | 97 | 91 | 04:56:13.866 | 474AA416A4E | 7BURN | Z,55.1569,-28.02 | ALERT -- Thruster fire | 4O0 | 4 | 0 | 3,893,439 | 00:0 |
| 101 | 97 | 91 | 05:08:13.200 | 488AH6C | 6TMSED | FILL,CH4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,893,450 | 78:0 |
| 102 | 97 | 91 | 05:21:43.200 | 474AA416A4G | 7BURN | T,55.1569,-28.02 | ALERT -- Thruster fire | 4O0 | 4 | 0 | 3,893,464 | 19:0 |
| 103 | 97 | 91 | 05:36:52.533 | 488AH6D | 6TMSED | NORM,CH4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,893,479 | 18:0 |
| 104 | 97 | 91 | 11:00:59.866 | 488AI6A | 6TMSED | NORM,CH2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,893,799 | 69:0 |
| 105 | 97 | 91 | 11:28:43.866 | 488AI6B | 6TMSED | NORM,CH3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,893,827 | 17:0 |
| 106 | 97 | 91 | 12:30:35.866 | 488AI6C | 6TMSED | NORM,CH4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,893,888 | 34:0 |
| 107 | 97 | 91 | 12:39:59.866 | 41WD99A | **POWER** | **PWR MODE change** | Change to Data Taking Mode | 4O0 | 4 | 0 | 3,893,897 | 61:0 |
| **108** | **97** | **91** | **12:40:03.866** | **41WD3K** | **37F2PR** | **1** | **Shield Flash Heater OFF (primary relay)** | **4O0** | **4** | **0** | **3,893,897** | **67:0** |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **109** | **97** | **91** | **12:40:13.866** | **41WD3L** | **37F2PR** | | **2** | **Shield Flash Heater OFF (primary relay)** | **4O0** | **4** | **0** | **3,893,897:82:0** | |
| **110** | **97** | **91** | **12:40:23.866** | **41WD3A** | **40T1PR** | | **1** | **PCT Heater 1 OFF (primary relay)** | **4O0** | **4** | **0** | **3,893,898:06:0** | |
| **111** | **97** | **91** | **12:40:33.866** | **41WD3B** | **40T1PR** | | **2** | **PCT Heater 1 OFF (primary relay)** | **4O0** | **4** | **0** | **3,893,898:21:0** | |
| **112** | **97** | **91** | **12:40:43.866** | **41WD3C** | **40T2R** | | **1** | **PCT Heater 2 OFF** | **4O0** | **4** | **0** | **3,893,898:36:0** | |
| **113** | **97** | **91** | **12:40:53.866** | **41WD3D** | **40T2R** | | **2** | **PCT Heater 2 OFF** | **4O0** | **4** | **0** | **3,893,898:51:0** | |
| 114 | 97 | 91 | 12:48:10.533 | 488AI6D | 6TMSED | FILL,CH4 | | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,893,905:69:0 | |
| 115 | 97 | 91 | 12:48:59.866 | 488AI6E | 6TMSED | FILL,CL4 | | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,893,906:52:0 | |
| 116 | 97 | 91 | 12:49:59.200 | 432OZ431A6A | 6RCDSL | DDSNCG,PLSNCG,EP | | Record Deselect (DDS o | 4O0 | 4 | 0 | 3,893,907:50:0 | |
| 117 | 97 | 91 | 12:49:59.866 | 432OZ6A | 6RTSL1 | | | R/T Select of DDS and | 4O0 | 4 | 0 | 3,893,907:51:0 | |
| 118 | 97 | 91 | 12:50:25.200 | 431ZL6A | 6RCDSL | DDSNCG,PLSNCG,EP | | Record Deselect (DDS o | 4O0 | 4 | 0 | 3,893,907:89:0 | |
| 119 | 97 | 91 | 12:54:33.200 | 20ZM6A | 6EUVON | | | | 4O0 | 4 | 0 | 3,893,912:06:0 | |
| 120 | 97 | 91 | 12:55:29.866 | 431ZM6A | 6RCSEL | DDSNCG,PLSNCG,EP | | Record Select (DDS onl | 4O0 | 4 | 0 | 3,893,913:00:0 | |
| 121 | 97 | 91 | 12:59:48.533 | 175NC422A6A | 6DMSC | R28,0 | | DMS Control Tape runup 28.8kbp | 4O0 | 4 | 0 | 3,893,917:24:0 | |
| 122 | 97 | 91 | 12:59:56.400 | | DMS: | : *RUNUP | | R28, TRACK *4, *REV, TIC *4982.35 +/- | 4O0 | 4 | 0 | 3,893,917:35:8 | |
| 123 | 97 | 91 | 12:59:59.866 | 488AJ6A | 6TMSED | FILL,EL4 | | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,893,917:41:0 | |
| 124 | 97 | 91 | 13:00:00.400 | | DMS: | **: *RECORD** | | R28, TRACK 4, REV, TIC *4980.85 +/- | 4O0 | 4 | 0 | 3,893,917:41:8 | |
| 125 | 97 | 91 | 13:00:00.400 | | DMS: | : *AT_SPD | | R28, TRACK 4, REV, TIC 4980.85 +/- | 4O0 | 4 | 0 | 3,893,917:41:8 | |
| 126 | 97 | 91 | 13:00:00.533 | 175NC176A6A | 6TMREC | MPP | | 28.8 KBPS PWS RECORD Record Mode Change | 4O0 | 4 | 0 | 3,893,917:42:0 | |
| 127 | 97 | 91 | 13:00:31.866 | 165BC4A | 7TMOT | DIS,TMC | | Disable IVP - Target Motion | 4O0 | 4 | 0 | 3,893,917:89:0 | |
| 128 | 97 | 91 | 13:00:32.533 | 165BC4B | 7SCAN | NORM,221.787998, | | Check S/P Position | 4O0 | 4 | 0 | 3,893,917:90:0 | |
| 129 | 97 | 91 | 13:04:07.866 | | DMS: | **: *RUNDOWN** | | R28, TRACK 4, REV, TIC *4763.35 +/- | 4O0 | 4 | 0 | 3,893,921:49:0 | |
| 130 | 97 | 91 | 13:04:07.866 | 175NC422A6B | 6DMSC | RDY,0 | | DMS Control Tape stop | 4O0 | 4 | 0 | 3,893,921:49:0 | |
| 131 | 97 | 91 | 13:16:49.200 | 488AJ6B | 6TMSED | NORM,EL4 | | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,893,934:08:0 | |
| 132 | 97 | 91 | 15:59:39.866 | 488AJ6C | 6TMSED | NORM,EL6 | | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,894,095:13:0 | |
| 133 | 97 | 91 | 16:59:59.866 | 488AJ6D | 6TMSED | NORM,GL6 | | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,894,154:74:0 | |
| 134 | 97 | 91 | 17:00:00.533 | 282NI432A431A6A | 6RCDSL | DDSNCG,PLSDSL,EP | | Record Deselect (DDS o | 4O0 | 4 | 0 | 3,894,154:75:0 | |
| 135 | 97 | 91 | 17:00:01.200 | 282NI432A6A | 6RTSL1 | | | R/T Select of DDS and | 4O0 | 4 | 0 | 3,894,154:76:0 | |
| 136 | 97 | 91 | 17:44:11.866 | 488AJ6E | 6TMSED | NORM,GL7 | | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,894,198:48:0 | |
| 137 | 97 | 91 | 21:13:39.866 | 488AK6A | 6TMSED | FILL,GL7 | | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,894,405:63:0 | |
| 138 | 97 | 91 | 21:33:12.533 | 488AK6B | 6TMSED | NORM,GL7 | | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,894,425:02:0 | |
| 139 | 97 | 91 | 23:59:59.800 | 488AK6C | 6TMSED | NORM,EL7 | | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,894,570:18:0 | |
| 140 | 97 | 92 | 00:00:00.466 | 282NJ432A431A6A | 6RCDSL | DDSNCG,PLSDSL,EP | | Record Deselect (DDS o | 4O0 | 4 | 0 | 3,894,570:19:0 | |
| 141 | 97 | 92 | 00:00:01.133 | 282NJ432A6A | 6RTSL1 | | | R/T Select of DDS and | 4O0 | 4 | 0 | 3,894,570:20:0 | |
| 142 | 97 | 92 | 00:06:03.800 | 488AK6D | 6TMSED | NORM,EL6 | | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,894,576:18:0 | |
| 143 | 97 | 92 | 01:56:59.800 | 488AK6E | 6TMSED | NORM,EL5 | | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,894,685:83:0 | |
| 144 | 97 | 92 | 02:12:13.800 | 165BD4A | 7TMOT | DIS,TMC | | Disable IVP - Target Motion | 4O0 | 4 | 0 | 3,894,700:89:0 | |
| 145 | 97 | 92 | 02:12:14.466 | 165BD4B | 7SCAN | NORM,226.068998, | | Check S/P Position | 4O0 | 4 | 0 | 3,894,700:90:0 | |
| 146 | 97 | 92 | 02:52:27.800 | 488AL6A | 6TMSED | NORM,EL4 | | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,894,740:70:0 | |
| 147 | 97 | 92 | 03:41:31.800 | 488AL6B | 6TMSED | NORM,EL2 | | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,894,789:27:0 | |
| 148 | 97 | 92 | 04:11:23.800 | 488AL6C | 6TMSED | NORM,EL3 | | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,894,818:76:0 | |
| 149 | 97 | 92 | 04:29:59.800 | 488AL6D | 6TMSED | NORM,DL3 | | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,894,837:21:0 | |
| 150 | 97 | 92 | 04:49:47.800 | 488AL6E | 6TMSED | NORM,DL4 | | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,894,856:74:0 | |
| 151 | 97 | 92 | 08:14:12.466 | 165CA4A | 7TMOT | DIS,TMC | | Disable IVP - Target Motion | 4O0 | 4 | 0 | 3,895,058:89:0 | |
| 152 | 97 | 92 | 08:14:13.133 | 165CA4B | 7SCAN | NORM,234.269999, | | Check S/P Position | 4O0 | 4 | 0 | 3,895,058:90:0 | |
| 153 | 97 | 92 | 08:43:31.800 | 165CB4A | 7TMOT | DIS,TMC | | Disable IVP - Target Motion | 4O0 | 4 | 0 | 3,895,087:89:0 | |
| 154 | 97 | 92 | 08:43:32.466 | 165CB4B | 7SCAN | NORM,234.976999, | | Check S/P Position | 4O0 | 4 | 0 | 3,895,087:90:0 | |
| 155 | 97 | 92 | 09:51:16.466 | 165CC4A | 7TMOT | DIS,TMC | | Disable IVP - Target Motion | 4O0 | 4 | 0 | 3,895,154:89:0 | |
| 156 | 97 | 92 | 09:51:17.133 | 165CC4B | 7SCAN | NORM,236.653999, | | Check S/P Position | 4O0 | 4 | 0 | 3,895,154:90:0 | |
| 157 | 97 | 92 | 10:53:57.800 | 165ID4A | 7TMOT | DIS,TMC | | Disable IVP - Target Motion | 4O0 | 4 | 0 | 3,895,216:89:0 | |
| 158 | 97 | 92 | 10:53:58.466 | 165ID4B | 7SCAN | NORM,237.875,-21 | | Check S/P Position | 4O0 | 4 | 0 | 3,895,216:90:0 | |
| 159 | 97 | 92 | 10:57:55.800 | 118ID | **SMOS** | GS | | | 4O0 | 4 | 0 | 3,895,220:82:0 | |
| 160 | 97 | 92 | 10:58:05.800 | 118ID110A111A4A | 7STRP | 0.003,0.0,182,0, | | Slew =,1.01 | 4O0 | 4 | 0 | 3,895,221:06:0 | |
| 161 | 97 | 92 | 10:58:53.133 | 175ID422A6A | 6DMSC | R115,0 | | DMS Control Tape runup 115.2kb | 4O0 | 4 | 0 | 3,895,221:77:0 | |
| 162 | 97 | 92 | 10:59:01.000 | | DMS: | : *RUNUP | | R115, TRACK *4, *REV, TIC *4764.47 +/- | 4O0 | 4 | 0 | 3,895,221:88:8 | |
| 163 | 97 | 92 | 10:59:05.000 | | DMS: | **: *RECORD** | | R115, TRACK 4, REV, TIC *4758.17 +/- | 4O0 | 4 | 0 | 3,895,222:03:8 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 164 | 97 | 92 | 10:59:05.000 | | DMS: | : *AT_SPD | R115, TRACK 4, REV, TIC 4758.17 +/- | 4O0 | 4 | 0 | 3,895,222:03:8 | |
| 165 | 97 | 92 | 10:59:05.133 | 175ID176A6A | 6TMREC | HMA | 115.2 KBPS IMAGE(1-400)RECORD Record Mode | 4O0 | 4 | 0 | 3,895,222:04:0 | |
| 166 | 97 | 92 | 10:59:06.466 | 118ID11A | **SMOS** | GE | | 4O0 | 4 | 0 | 3,895,222:06:0 | |
| 167 | 97 | 92 | 10:59:33.133 | 175ID422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4O0 | 4 | 0 | 3,895,222:46:0 | |
| 168 | 97 | 92 | 10:59:33.133 | | DMS: | **: *RUNDOWN** | R115, TRACK 4, REV, TIC *4659.26 +/- | 4O0 | 4 | 0 | 3,895,222:46:0 | |
| 169 | 97 | 92 | 11:07:06.466 | 165CD4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4O0 | 4 | 0 | 3,895,229:89:0 | |
| 170 | 97 | 92 | 11:07:07.133 | 165CD4B | 7SCAN | NORM,238.530998, | Check S/P Position | 4O0 | 4 | 0 | 3,895,229:90:0 | |
| 171 | 97 | 92 | 11:07:23.800 | 488AM6A | 6TMSED | NORM,DL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,895,230:24:0 | |
| 172 | 97 | 92 | 11:36:25.800 | 165CE4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4O0 | 4 | 0 | 3,895,258:89:0 | |
| 173 | 97 | 92 | 11:36:26.466 | 165CE4B | 7SCAN | NORM,239.266998, | Check S/P Position | 4O0 | 4 | 0 | 3,895,258:90:0 | |
| 174 | 97 | 92 | 11:37:15.800 | 488AM6B | 6TMSED | NORM,DL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,895,259:73:0 | |
| **175** | **97** | **92** | **12:12:55.067** | **G7NNCHOPON01-** | | **-----START------** | | **4O0** | **4** | **0** | **: :** | |
| **176** | **97** | **92** | **12:16:49.133** | **125DA4A** | **37IST** | **1,0,0,OFF,0,0,0** | **Chopper ON, Sync, 63Hz (Ref)** | **460** | **4** | **0** | **3,895,298:84:0** | |
| 177 | 97 | 92 | 12:16:49.133 | 125DA | NIMSINIT | GS | ##### GROUP START INIT | 460 | 4 | 0 | 3,895,298:84:0 | |
| **178** | **97** | **92** | **12:17:49.800** | **125DA4B** | **37IST** | **1,2,0,OFF,0,0,0** | **Chopper ON, Sync, Chopper (Ref)** | **4R0** | **4** | **0** | **3,895,299:84:0** | |
| **179** | **97** | **92** | **12:18:50.466** | **125DA4C** | **37MB** | **0,0,0,0,0,0** | **Selects mirror (spatial) edit table** | **4R0** | **4** | **0** | **3,895,300:84:0** | |
| 180 | 97 | 92 | 12:18:50.466 | 125DA11A | NIMSINIT | GE | ##### GROUP END INIT | 4R0 | 4 | 0 | 3,895,300:84:0 | |
| **181** | **97** | **92** | **12:18:59.067** | **G7NNCHOPON01-** | | **-----STOP-------** | | **4R0** | **4** | **0** | **: :** | |
| **182** | **97** | **92** | **12:22:01.067** | **G7NNSTRCAL01-** | | **-----START------** | | **4R0** | **4** | **0** | **: :** | |
| 183 | 97 | 92 | 12:22:56.466 | 165DB4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R0 | 4 | 0 | 3,895,304:89:0 | |
| 184 | 97 | 92 | 12:22:57.133 | 165DB4B | 7SCAN | NORM,278.692997, | Check S/P Position | 4R0 | 4 | 0 | 3,895,304:90:0 | |
| 185 | 97 | 92 | 12:24:54.466 | 125DB11A | NIMSINIT | GE | ##### GROUP END INIT | 4R0 | 4 | 0 | 3,895,306:84:0 | |
| **186** | **97** | **92** | **12:24:54.466** | **125DB4A** | **37IST** | **0,2,0,OFF,0,1,1** | **Gain State 4** | **4R0** | **4** | **0** | **3,895,306:84:0** | |
| 187 | 97 | 92 | 12:24:54.466 | 125DB | NIMSINIT | GS | ##### GROUP START INIT | 4R0 | 4 | 0 | 3,895,306:84:0 | |
| **188** | **97** | **92** | **12:25:55.133** | **127DB4A** | **37IOP** | **7,0** | **Fixed Map, Grating Start Position =00** | **4R7** | **4** | **0** | **3,895,307:84:0** | |
| 189 | 97 | 92 | 12:25:55.133 | 127DB | NIMSTAB | GS | %%%%% GROUP START TAB | 4R7 | 4 | 0 | 3,895,307:84:0 | |
| **190** | **97** | **92** | **12:25:55.800** | **127DB4B** | **37ETB** | **07,C7,19,FF,FF,0** | **Loads wavelength edit table** | **4R7** | **4** | **0** | **3,895,307:85:0** | |
| 191 | 97 | 92 | 12:26:03.800 | 127DB11A | NIMSTAB | GE | %%%%% GROUP END TAB | 4R7 | 4 | 0 | 3,895,308:06:0 | |
| 192 | 97 | 92 | 12:26:45.133 | 175DB422A6A | 6DMSC | R28,0 | DMS Control Tape runup 28.8kbp | 4R7 | 4 | 0 | 3,895,308:68:0 | |
| 193 | 97 | 92 | 12:26:51.133 | 117DB | **CSMOS** | GS | ***** GROUP START CSMOS | 4R7 | 4 | 0 | 3,895,308:77:0 | |
| 194 | 97 | 92 | 12:26:53.000 | | DMS: | : *RUNUP | R28, TRACK *4, *REV, TIC *4659.67 +/- | 4R7 | 4 | 0 | 3,895,308:79:8 | |
| 195 | 97 | 92 | 12:26:57.000 | | DMS: | **: *RECORD** | R28, TRACK 4, REV, TIC *4658.17 +/- | 4R7 | 4 | 0 | 3,895,308:85:8 | |
| 196 | 97 | 92 | 12:26:57.000 | | DMS: | : *AT_SPD | R28, TRACK 4, REV, TIC 4658.17 +/- | 4R7 | 4 | 0 | 3,895,308:85:8 | |
| 197 | 97 | 92 | 12:26:57.133 | 175DB176A6A | 6TMREC | **MPW** | 28.8 KBPS PWS + NIMS RECORD Record Mode C | 4R7 | 4 | 0 | 3,895,308:86:0 | |
| 198 | 97 | 92 | 12:27:00.466 | 117DB105A106A4A | **7STRP** | **0.004,0.0,0,0,0,** | **Slew =,0.76** | 4R7 | 4 | 0 | 3,895,309:00:0 | |
| **199** | **97** | **92** | **12:27:00.481** | **G7NNSTRCAL01-** | **NIMPBK** | **301DA** | **NIMS STAR CALIBRATION** | **4R7** | **4** | **0** | **: :** | |
| 200 | 97 | 92 | 12:27:09.133 | 117DB105A106A4B | **7STRP** | **-0.004,0.00015,0** | **Slew =,2.01** | 4R7 | 4 | 0 | 3,895,309:13:0 | |
| 201 | 97 | 92 | 12:27:14.466 | 117DB105A106A4C | **7STRP** | **0.004,0.0,0,0,0,** | **Slew =,0.76** | 4R7 | 4 | 0 | 3,895,309:21:0 | |
| 202 | 97 | 92 | 12:27:23.133 | 117DB105A106A4D | **7STRP** | **-0.004,0.00015,0** | **Slew =,2.01** | 4R7 | 4 | 0 | 3,895,309:34:0 | |
| 203 | 97 | 92 | 12:27:28.466 | 117DB105A106A4E | **7STRP** | **0.004,0.0,0,0,0,** | **Slew =,0.76** | 4R7 | 4 | 0 | 3,895,309:42:0 | |
| 204 | 97 | 92 | 12:27:37.133 | 117DB11A | **CSMOS** | GE | ***** GROUP END CSMOS | 4R7 | 4 | 0 | 3,895,309:55:0 | |
| **205** | **97** | **92** | **12:27:37.147** | **G7NNSTRCAL01-** | **DESELC** | **300DA** | **NIMS STAR CALIBRATION** | **4R7** | **4** | **0** | **: :** | |
| 206 | 97 | 92 | 12:27:38.466 | | DMS: | **: *RUNDOWN** | R28, TRACK 4, REV, TIC *4621.73 +/- | 4R7 | 4 | 0 | 3,895,309:57:0 | |
| 207 | 97 | 92 | 12:27:38.466 | 175DB422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R7 | 4 | 0 | 3,895,309:57:0 | |
| 208 | 97 | 92 | 12:27:59.800 | 165BE4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R7 | 4 | 0 | 3,895,309:89:0 | |
| 209 | 97 | 92 | 12:28:00.466 | 165BE4B | 7SCAN | NORM,221.262999, | Check S/P Position | 4R7 | 4 | 0 | 3,895,309:90:0 | |
| **210** | **97** | **92** | **12:30:06.400** | **G7NNSTRCAL01-** | | **-----STOP-------** | | **4R7** | **4** | **0** | **: :** | |
| 211 | 97 | 92 | 12:34:51.800 | 488AM6C | 6TMSED | NORM,DL4 | Sci, Eng, and D/L Chan | 4R7 | 4 | 0 | 3,895,316:70:0 | |
| 212 | 97 | 92 | 12:43:01.133 | 488AM6D | 6TMSED | FILL,DL4 | Sci, Eng, and D/L Chan | 4R7 | 4 | 0 | 3,895,324:76:0 | |
| 213 | 97 | 92 | 13:10:27.800 | 165BF4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R7 | 4 | 0 | 3,895,351:89:0 | |
| 214 | 97 | 92 | 13:10:28.466 | 165BF4B | 7SCAN | NORM,221.859999, | Check S/P Position | 4R7 | 4 | 0 | 3,895,351:90:0 | |
| 215 | 97 | 92 | 13:11:40.466 | 488AM6E | 6TMSED | NORM,DL4 | Sci, Eng, and D/L Chan | 4R7 | 4 | 0 | 3,895,353:16:0 | |
| 216 | 97 | 92 | 14:12:08.466 | 165BG4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R7 | 4 | 0 | 3,895,412:89:0 | |
| 217 | 97 | 92 | 14:12:09.133 | 165BG4B | 7SCAN | NORM,221.262999, | Check S/P Position | 4R7 | 4 | 0 | 3,895,412:90:0 | |
| 218 | 97 | 92 | 14:43:29.133 | 165AA4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R7 | 4 | 0 | 3,895,443:89:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 219 | 97 | 92 | 14:43:29.800 | 165AA4B | 7SCAN | NORM,222.865,-16 | Check S/P Position | 4R7 | 4 | 0 | 3,895,443:90:0 | |
| **220** | **97** | **92** | **14:43:34.400** | **G7JNAURMAP01+** | | **-----START------** | | **4R7** | **4** | **0** | **: :** | |
| 221 | 97 | 92 | 14:59:59.800 | 488AN6A | 6TMSED | NORM,EL4 | Sci, Eng, and D/L Chan | 4R7 | 4 | 0 | 3,895,460:28:0 | |
| 222 | 97 | 92 | 15:15:50.466 | 165AB4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R7 | 4 | 0 | 3,895,475:89:0 | |
| 223 | 97 | 92 | 15:15:51.133 | 165AB4B | 7SCAN | NORM,221.318998, | Check S/P Position | 4R7 | 4 | 0 | 3,895,475:90:0 | |
| 224 | 97 | 92 | 15:59:39.800 | 488AN6B | 6TMSED | NORM,EL6 | Sci, Eng, and D/L Chan | 4R7 | 4 | 0 | 3,895,519:29:0 | |
| 225 | 97 | 92 | 16:38:45.133 | 165IA4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R7 | 4 | 0 | 3,895,557:89:0 | |
| 226 | 97 | 92 | 16:38:45.800 | 165IA4B | 7SCAN | NORM,321.421997, | Check S/P Position | 4R7 | 4 | 0 | 3,895,557:90:0 | |
| 227 | 97 | 92 | 16:42:43.800 | 175IA422A6A | 6DMSC | R115,0 | DMS Control Tape runup 115.2kb | 4R7 | 4 | 0 | 3,895,561:83:0 | |
| 228 | 97 | 92 | 16:42:51.666 | | DMS: | : *RUNUP | R115, TRACK *4, *REV, TIC *4622.84 +/- | 4R7 | 4 | 0 | 3,895,562:03:8 | |
| 229 | 97 | 92 | 16:42:55.666 | | DMS: | **: *RECORD** | R115, TRACK 4, REV, TIC *4616.54 +/- | 4R7 | 4 | 0 | 3,895,562:09:8 | |
| 230 | 97 | 92 | 16:42:55.666 | | DMS: | : *AT_SPD | R115, TRACK 4, REV, TIC 4616.54 +/- | 4R7 | 4 | 0 | 3,895,562:09:8 | |
| 231 | 97 | 92 | 16:42:55.800 | 175IA176A6A | 6TMREC | HIM | 115.2 KBPS SSI + NIMS RECORD Record Mode | 4R7 | 4 | 0 | 3,895,562:10:0 | |
| 232 | 97 | 92 | 16:43:49.800 | 175IA422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R7 | 4 | 0 | 3,895,563:00:0 | |
| 233 | 97 | 92 | 16:43:49.800 | | DMS: | **: *RUNDOWN** | R115, TRACK 4, REV, TIC *4426.23 +/- | 4R7 | 4 | 0 | 3,895,563:00:0 | |
| 234 | 97 | 92 | 16:47:51.133 | 165AC4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R7 | 4 | 0 | 3,895,566:89:0 | |
| 235 | 97 | 92 | 16:47:51.800 | 165AC4B | 7SCAN | NORM,224.667999, | Check S/P Position | 4R7 | 4 | 0 | 3,895,566:90:0 | |
| 236 | 97 | 92 | 16:50:53.133 | 165AC4C | 7VECT | | Inert vect update UTC | 4R7 | 4 | 0 | 3,895,569:89:0 | |
| 237 | 97 | 92 | 16:50:53.800 | 165AC4D | 7TMOT | ENA,TMC | Enable IVP - Target Motion | 4R7 | 4 | 0 | 3,895,569:90:0 | |
| 238 | 97 | 92 | 16:50:58.466 | 175JF422A6A | 6DMSC | R115,0 | DMS Control Tape runup 115.2kb | 4R7 | 4 | 0 | 3,895,570:06:0 | |
| 239 | 97 | 92 | 16:51:06.333 | | DMS: | : *RUNUP | R115, TRACK *4, *REV, TIC *4426.65 +/- | 4R7 | 4 | 0 | 3,895,570:17:8 | |
| 240 | 97 | 92 | 16:51:10.333 | | DMS: | : *AT_SPD | R115, TRACK 4, REV, TIC 4420.35 +/- | 4R7 | 4 | 0 | 3,895,570:23:8 | |
| 241 | 97 | 92 | 16:51:10.333 | | DMS: | **: *RECORD** | R115, TRACK 4, REV, TIC *4420.35 +/- | 4R7 | 4 | 0 | 3,895,570:23:8 | |
| 242 | 97 | 92 | 16:51:10.466 | 175JF176A6A | 6TMREC | HIS | 115.2 KBPS SSI + NIMS RECORD Record Mode | 4R7 | 4 | 0 | 3,895,570:24:0 | |
| 243 | 97 | 92 | 16:51:25.133 | 175JF422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R7 | 4 | 0 | 3,895,570:46:0 | |
| 244 | 97 | 92 | 16:51:25.133 | | DMS: | **: *RUNDOWN** | R115, TRACK 4, REV, TIC *4368.31 +/- | 4R7 | 4 | 0 | 3,895,570:46:0 | |
| 245 | 97 | 92 | 16:52:51.133 | 125DC | NIMSINIT | GS | ##### GROUP START INIT | 4R7 | 4 | 0 | 3,895,571:84:0 | |
| **246** | **97** | **92** | **16:52:51.133** | **125DC4A** | **37IST** | **0,2,0,OFF,0,1,0** | **Gain State 2** | **2R7** | **4** | **0** | **3,895,571:84:0** | |
| **247** | **97** | **92** | **16:53:51.800** | **125DC4B** | **37MB** | **1E,0F,0,0,0,0** | **Selects mirror (spatial) edit table** | **2R7** | **4** | **0** | **3,895,572:84:0** | |
| 248 | 97 | 92 | 16:53:51.800 | 125DC11A | NIMSINIT | GE | ##### GROUP END INIT | 2R7 | 4 | 0 | 3,895,572:84:0 | |
| 249 | 97 | 92 | 16:54:52.466 | 127DC | NIMSTAB | GS | %%%%% GROUP START TAB | 2R7 | 4 | 0 | 3,895,573:84:0 | |
| **250** | **97** | **92** | **16:54:52.466** | **127DC4A** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **2R3** | **4** | **0** | **3,895,573:84:0** | |
| **251** | **97** | **92** | **16:54:53.133** | **127DC4B** | **37ETB** | **04,C4,35,FF,FF** | **Loads wavelength edit table** | **2R3** | **4** | **0** | **3,895,573:85:0** | |
| 252 | 97 | 92 | 16:55:01.133 | 127DC11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R3 | 4 | 0 | 3,895,574:06:0 | |
| **253** | **97** | **92** | **16:55:17.133** | **432DA6A** | **6RTSL2** | **NIMSEL,AACNCG,RT** | **NIMS R/T SELECT** | **2R3** | **4** | **0** | **3,895,574:30:0** | |
| 254 | 97 | 92 | 16:56:01.800 | 175JG422A6A | 6DMSC | R115,0 | DMS Control Tape runup 115.2kb | 2R3 | 4 | 0 | 3,895,575:06:0 | |
| 255 | 97 | 92 | 16:56:09.666 | | DMS: | : *RUNUP | R115, TRACK *4, *REV, TIC *4368.73 +/- | 2R3 | 4 | 0 | 3,895,575:17:8 | |
| 256 | 97 | 92 | 16:56:13.666 | | DMS: | **: *RECORD** | R115, TRACK 4, REV, TIC *4362.43 +/- | 2R3 | 4 | 0 | 3,895,575:23:8 | |
| 257 | 97 | 92 | 16:56:13.666 | | DMS: | : *AT_SPD | R115, TRACK 4, REV, TIC 4362.43 +/- | 2R3 | 4 | 0 | 3,895,575:23:8 | |
| 258 | 97 | 92 | 16:56:13.800 | 175JG176A6A | 6TMREC | HIS | 115.2 KBPS SSI + NIMS RECORD Record Mode | 2R3 | 4 | 0 | 3,895,575:24:0 | |
| 259 | 97 | 92 | 16:56:28.466 | 175JG422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,895,575:46:0 | |
| 260 | 97 | 92 | 16:56:28.466 | | DMS: | **: *RUNDOWN** | R115, TRACK 4, REV, TIC *4310.40 +/- | 2R3 | 4 | 0 | 3,895,575:46:0 | |
| 261 | 97 | 92 | 16:59:55.800 | 125LI | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,895,578:84:0 | |
| 262 | 97 | 92 | 16:59:55.800 | 125LI11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,895,578:84:0 | |
| **263** | **97** | **92** | **16:59:55.800** | **125LI4A** | **37MB** | **1D,17,0,0,0,0** | **Selects mirror (spatial) edit table** | **2R3** | **4** | **0** | **3,895,578:84:0** | |
| 264 | 97 | 92 | 17:01:05.133 | 175JH422A6A | 6DMSC | R115,0 | DMS Control Tape runup 115.2kb | 2R3 | 4 | 0 | 3,895,580:06:0 | |
| 265 | 97 | 92 | 17:01:13.000 | | DMS: | : *RUNUP | R115, TRACK *4, *REV, TIC *4310.81 +/- | 2R3 | 4 | 0 | 3,895,580:17:8 | |
| 266 | 97 | 92 | 17:01:17.000 | | DMS: | : *AT_SPD | R115, TRACK 4, REV, TIC 4304.51 +/- | 2R3 | 4 | 0 | 3,895,580:23:8 | |
| 267 | 97 | 92 | 17:01:17.000 | | DMS: | **: *RECORD** | R115, TRACK 4, REV, TIC *4304.51 +/- | 2R3 | 4 | 0 | 3,895,580:23:8 | |
| 268 | 97 | 92 | 17:01:17.133 | 175JH176A6A | 6TMREC | HIS | 115.2 KBPS SSI + NIMS RECORD Record Mode | 2R3 | 4 | 0 | 3,895,580:24:0 | |
| 269 | 97 | 92 | 17:01:31.800 | 175JH422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,895,580:46:0 | |
| 270 | 97 | 92 | 17:01:31.800 | | DMS: | **: *RUNDOWN** | R115, TRACK 4, REV, TIC *4252.48 +/- | 2R3 | 4 | 0 | 3,895,580:46:0 | |
| **271** | **97** | **92** | **17:02:20.466** | **432DB6A** | **6RTDS2** | **NIMDSL,AACNCG,RT** | **NIMS R/T DESELECT** | **2R3** | **4** | **0** | **3,895,581:28:0** | |
| **272** | **97** | **92** | **17:02:57.800** | **125LA4A** | **37MB** | **1B,1B,0,0,0,0** | **Selects mirror (spatial) edit table** | **2R3** | **4** | **0** | **3,895,581:84:0** | |
| 273 | 97 | 92 | 17:02:57.800 | 125LA | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,895,581:84:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 274 | 97 | 92 | 17:02:57.800 | 125LA11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,895,581:84:0 | |
| 275 | 97 | 92 | 17:05:59.800 | 125LB | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,895,584:84:0 | |
| 276 | 97 | 92 | 17:05:59.800 | 125LB11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,895,584:84:0 | |
| **277** | **97** | **92** | **17:05:59.800** | **125LB4A** | **37MB** | **17,1D,0,0,0,0** | **Selects mirror (spatial) edit table** | **2R3** | **4** | **0** | **3,895,584:84:0** | |
| 278 | 97 | 92 | 17:06:08.466 | 175JI422A6A | 6DMSC | R115,0 | DMS Control Tape runup 115.2kb | 2R3 | 4 | 0 | 3,895,585:06:0 | |
| 279 | 97 | 92 | 17:06:16.333 | | DMS: | : *RUNUP | R115, TRACK *4, *REV, TIC *4252.89 +/- | 2R3 | 4 | 0 | 3,895,585:17:8 | |
| 280 | 97 | 92 | 17:06:20.333 | | DMS: | **: *RECORD** | R115, TRACK 4, REV, TIC *4246.59 +/- | 2R3 | 4 | 0 | 3,895,585:23:8 | |
| 281 | 97 | 92 | 17:06:20.333 | | DMS: | : *AT_SPD | R115, TRACK 4, REV, TIC 4246.59 +/- | 2R3 | 4 | 0 | 3,895,585:23:8 | |
| 282 | 97 | 92 | 17:06:20.466 | 175JI176A6A | 6TMREC | HIS | 115.2 KBPS SSI + NIMS RECORD Record Mode | 2R3 | 4 | 0 | 3,895,585:24:0 | |
| 283 | 97 | 92 | 17:06:35.133 | | DMS: | **: *RUNDOWN** | R115, TRACK 4, REV, TIC *4194.56 +/- | 2R3 | 4 | 0 | 3,895,585:46:0 | |
| 284 | 97 | 92 | 17:06:35.133 | 175JI422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,895,585:46:0 | |
| 285 | 97 | 92 | 17:11:11.800 | 175JJ422A6A | 6DMSC | R115,0 | DMS Control Tape runup 115.2kb | 2R3 | 4 | 0 | 3,895,590:06:0 | |
| 286 | 97 | 92 | 17:11:19.666 | | DMS: | : *RUNUP | R115, TRACK *4, *REV, TIC *4194.98 +/- | 2R3 | 4 | 0 | 3,895,590:17:8 | |
| 287 | 97 | 92 | 17:11:23.666 | | DMS: | : *AT_SPD | R115, TRACK 4, REV, TIC 4188.68 +/- | 2R3 | 4 | 0 | 3,895,590:23:8 | |
| 288 | 97 | 92 | 17:11:23.666 | | DMS: | **: *RECORD** | R115, TRACK 4, REV, TIC *4188.68 +/- | 2R3 | 4 | 0 | 3,895,590:23:8 | |
| 289 | 97 | 92 | 17:11:23.800 | 175JJ176A6A | 6TMREC | HIS | 115.2 KBPS SSI + NIMS RECORD Record Mode | 2R3 | 4 | 0 | 3,895,590:24:0 | |
| 290 | 97 | 92 | 17:11:38.466 | 175JJ422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,895,590:46:0 | |
| 291 | 97 | 92 | 17:11:38.466 | | DMS: | **: *RUNDOWN** | R115, TRACK 4, REV, TIC *4136.65 +/- | 2R3 | 4 | 0 | 3,895,590:46:0 | |
| 292 | 97 | 92 | 17:16:15.133 | 175IK422A6A | 6DMSC | R115,0 | DMS Control Tape runup 115.2kb | 2R3 | 4 | 0 | 3,895,595:06:0 | |
| 293 | 97 | 92 | 17:16:23.000 | | DMS: | : *RUNUP | R115, TRACK *4, *REV, TIC *4137.06 +/- | 2R3 | 4 | 0 | 3,895,595:17:8 | |
| 294 | 97 | 92 | 17:16:27.000 | | DMS: | : *AT_SPD | R115, TRACK 4, REV, TIC 4130.76 +/- | 2R3 | 4 | 0 | 3,895,595:23:8 | |
| 295 | 97 | 92 | 17:16:27.000 | | DMS: | **: *RECORD** | R115, TRACK 4, REV, TIC *4130.76 +/- | 2R3 | 4 | 0 | 3,895,595:23:8 | |
| 296 | 97 | 92 | 17:16:27.133 | 175IK176A6A | 6TMREC | HIS | 115.2 KBPS SSI + NIMS RECORD Record Mode | 2R3 | 4 | 0 | 3,895,595:24:0 | |
| 297 | 97 | 92 | 17:16:42.466 | | DMS: | **: *RUNDOWN** | R115, TRACK 4, REV, TIC *4076.39 +/- | 2R3 | 4 | 0 | 3,895,595:47:0 | |
| 298 | 97 | 92 | 17:16:42.466 | 175IK422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,895,595:47:0 | |
| 299 | 97 | 92 | 17:19:11.800 | 165AD4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,895,597:89:0 | |
| 300 | 97 | 92 | 17:19:12.466 | 165AD4B | 7SCAN | NORM,224.997999, | Check S/P Position | 2R3 | 4 | 0 | 3,895,597:90:0 | |
| 301 | 97 | 92 | 17:39:55.800 | 488AN6C | 6TMSED | NORM,EL7 | Sci, Eng, and D/L Chan | 2R3 | 4 | 0 | 3,895,618:44:0 | |
| 302 | 97 | 92 | 17:49:31.800 | 165AE4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,895,627:89:0 | |
| 303 | 97 | 92 | 17:49:32.466 | 165AE4B | 7SCAN | NORM,223.068998, | Check S/P Position | 2R3 | 4 | 0 | 3,895,627:90:0 | |
| **304** | **97** | **92** | **17:56:33.133** | **125LD4A** | **37MB** | **0F,1E,0,0,0,0** | **Selects mirror (spatial) edit table** | **2R3** | **4** | **0** | **3,895,634:84:0** | |
| 305 | 97 | 92 | 17:56:33.133 | 125LD11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,895,634:84:0 | |
| 306 | 97 | 92 | 17:56:33.133 | 125LD | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,895,634:84:0 | |
| **307** | **97** | **92** | **17:57:58.466** | **432JO6A** | **6RTSL2** | **NIMSEL,AACNCG,RT** | **NIMS R/T SELECT** | **2R3** | **4** | **0** | **3,895,636:30:0** | |
| **308** | **97** | **92** | **18:02:37.133** | **125LE4A** | **37MB** | **17,1D,0,0,0,0** | **Selects mirror (spatial) edit table** | **2R3** | **4** | **0** | **3,895,640:84:0** | |
| 309 | 97 | 92 | 18:02:37.133 | 125LE | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,895,640:84:0 | |
| 310 | 97 | 92 | 18:02:37.133 | 125LE11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,895,640:84:0 | |
| **311** | **97** | **92** | **18:04:01.133** | **432JP6A** | **6RTDS2** | **NIMDSL,AACNCG,RT** | **NIMS R/T DESELECT** | **2R3** | **4** | **0** | **3,895,642:28:0** | |
| 312 | 97 | 92 | 18:05:39.133 | 125LF | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,895,643:84:0 | |
| 313 | 97 | 92 | 18:05:39.133 | 125LF11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,895,643:84:0 | |
| **314** | **97** | **92** | **18:05:39.133** | **125LF4A** | **37MB** | **1B,1B,0,0,0,0** | **Selects mirror (spatial) edit table** | **2R3** | **4** | **0** | **3,895,643:84:0** | |
| **315** | **97** | **92** | **18:08:41.133** | **125LG4A** | **37MB** | **1D,17,0,0,0,0** | **Selects mirror (spatial) edit table** | **2R3** | **4** | **0** | **3,895,646:84:0** | |
| 316 | 97 | 92 | 18:08:41.133 | 125LG | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,895,646:84:0 | |
| 317 | 97 | 92 | 18:08:41.133 | 125LG11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,895,646:84:0 | |
| 318 | 97 | 92 | 18:19:51.800 | 165AF4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,895,657:89:0 | |
| 319 | 97 | 92 | 18:19:52.466 | 165AF4B | 7SCAN | NORM,224.641998, | Check S/P Position | 2R3 | 4 | 0 | 3,895,657:90:0 | |
| **320** | **97** | **92** | **18:24:51.800** | **125LH4A** | **37MB** | **1E,0F,0,0,0,0** | **Selects mirror (spatial) edit table** | **2R3** | **4** | **0** | **3,895,662:84:0** | |
| 321 | 97 | 92 | 18:24:51.800 | 125LH | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,895,662:84:0 | |
| 322 | 97 | 92 | 18:24:51.800 | 125LH11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,895,662:84:0 | |
| **323** | **97** | **92** | **18:26:17.133** | **432JQ6A** | **6RTSL2** | **NIMSEL,AACNCG,RT** | **NIMS R/T SELECT** | **2R3** | **4** | **0** | **3,895,664:30:0** | |
| 324 | 97 | 92 | 18:30:55.800 | 125LM | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,895,668:84:0 | |
| **325** | **97** | **92** | **18:30:55.800** | **125LM4A** | **37MB** | **1D,17,0,0,0,0** | **Selects mirror (spatial) edit table** | **2R3** | **4** | **0** | **3,895,668:84:0** | |
| 326 | 97 | 92 | 18:30:55.800 | 125LM11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,895,668:84:0 | |
| **327** | **97** | **92** | **18:32:19.800** | **432JR6A** | **6RTDS2** | **NIMDSL,AACNCG,RT** | **NIMS R/T DESELECT** | **2R3** | **4** | **0** | **3,895,670:28:0** | |
| 328 | 97 | 92 | 18:33:57.800 | 125LO | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,895,671:84:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **329** | **97** | **92** | **18:33:57.800** | **125LO4A** | **37MB** | **1B,1B,0,0,0,0** | **Selects mirror (spatial) edit table** | **2R3** | **4** | **0** | **3,895,671:84:0** | |
| 330 | 97 | 92 | 18:33:57.800 | 125LO11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,895,671:84:0 | |
| 331 | 97 | 92 | 18:36:59.800 | 125LP | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,895,674:84:0 | |
| **332** | **97** | **92** | **18:36:59.800** | **125LP4A** | **37MB** | **17,1D,0,0,0,0** | **Selects mirror (spatial) edit table** | **2R3** | **4** | **0** | **3,895,674:84:0** | |
| 333 | 97 | 92 | 18:36:59.800 | 125LP11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,895,674:84:0 | |
| 334 | 97 | 92 | 18:40:01.800 | 125FJ | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,895,677:84:0 | |
| **335** | **97** | **92** | **18:40:01.800** | **125FJ4A** | **37MB** | **0,0,0,0,0,0** | **Selects mirror (spatial) edit table** | **2R3** | **4** | **0** | **3,895,677:84:0** | |
| 336 | 97 | 92 | 18:40:01.800 | 125FJ11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,895,677:84:0 | |
| **337** | **97** | **92** | **18:40:10.400** | **G7JNAURMAP01+** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** | |
| **338** | **97** | **92** | **18:43:12.466** | **G7CNGLOBAL01-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** | |
| 339 | 97 | 92 | 18:44:07.800 | 165DD4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,895,681:89:0 | |
| 340 | 97 | 92 | 18:44:08.466 | 165DD4B | 7SCAN | NORM,328.592999, | Check S/P Position | 2R3 | 4 | 0 | 3,895,681:90:0 | |
| **341** | **97** | **92** | **18:46:05.800** | **125DD4A** | **37IST** | **0,2,0,OFF,0,1,1** | **Gain State 4** | **4R3** | **4** | **0** | **3,895,683:84:0** | |
| 342 | 97 | 92 | 18:46:05.800 | 125DD | NIMSINIT | GS | ##### GROUP START INIT | 4R3 | 4 | 0 | 3,895,683:84:0 | |
| 343 | 97 | 92 | 18:46:05.800 | 125DD11A | NIMSINIT | GE | ##### GROUP END INIT | 4R3 | 4 | 0 | 3,895,683:84:0 | |
| 344 | 97 | 92 | 18:47:06.466 | 127DD | NIMSTAB | GS | %%%%% GROUP START TAB | 4R3 | 4 | 0 | 3,895,684:84:0 | |
| **345** | **97** | **92** | **18:47:07.133** | **127DD4A** | **37ETB** | **04,C4,35,FF,FF** | **Loads wavelength edit table** | **4R3** | **4** | **0** | **3,895,684:85:0** | |
| 346 | 97 | 92 | 18:47:11.800 | 175DD422A6A | 6DMSC | R28,0 | DMS Control Tape runup 28.8kbp | 4R3 | 4 | 0 | 3,895,685:01:0 | |
| 347 | 97 | 92 | 18:47:15.133 | 117DD | **CSMOS** | GS | ***** GROUP START CSMOS | 4R3 | 4 | 0 | 3,895,685:06:0 | |
| 348 | 97 | 92 | 18:47:15.133 | 127DD11A | NIMSTAB | GE | %%%%% GROUP END TAB | 4R3 | 4 | 0 | 3,895,685:06:0 | |
| 349 | 97 | 92 | 18:47:19.666 | | DMS: | : *RUNUP | R28, TRACK *4, *REV, TIC *4076.80 +/- | 4R3 | 4 | 0 | 3,895,685:12:8 | |
| 350 | 97 | 92 | 18:47:23.666 | | DMS: | : *AT_SPD | R28, TRACK 4, REV, TIC 4075.30 +/- | 4R3 | 4 | 0 | 3,895,685:18:8 | |
| 351 | 97 | 92 | 18:47:23.666 | | DMS: | **: *RECORD** | R28, TRACK 4, REV, TIC *4075.30 +/- | 4R3 | 4 | 0 | 3,895,685:18:8 | |
| 352 | 97 | 92 | 18:47:23.800 | 175DD176A6A | 6TMREC | **MPW** | 28.8 KBPS PWS + NIMS RECORD Record Mode C | 4R3 | 4 | 0 | 3,895,685:19:0 | |
| 353 | 97 | 92 | 18:47:24.466 | 117DD105A106A4A | **7STRP** | **0.0057,0.0005,0,** | **Slew =,0.02** | 4R3 | 4 | 0 | 3,895,685:20:0 | |
| **354** | **97** | **92** | **18:48:09.133** | **G7CNGLOBAL01-** | **NIMPBK** | **301DC** | **CALLISTO GLOBAL COVERAGE** | **4R3** | **4** | **0** | **: :** | |
| **355** | **97** | **92** | **18:51:13.133** | **G7CNGLOBAL01-** | **DESELC** | **300DC** | **CALLISTO GLOBAL COVERAGE** | **4R3** | **4** | **0** | **: :** | |
| 356 | 97 | 92 | 18:52:11.133 | 117DD11A | **CSMOS** | GE | ***** GROUP END CSMOS | 4R3 | 4 | 0 | 3,895,689:86:0 | |
| 357 | 97 | 92 | 18:52:13.133 | 165AG4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,895,689:89:0 | |
| 358 | 97 | 92 | 18:52:13.800 | 165AG4B | 7SCAN | NORM,226.268,-19 | Check S/P Position | 4R3 | 4 | 0 | 3,895,689:90:0 | |
| 359 | 97 | 92 | 18:52:15.133 | 175DD422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R3 | 4 | 0 | 3,895,690:01:0 | |
| 360 | 97 | 92 | 18:52:15.133 | | DMS: | **: *RUNDOWN** | R28, TRACK 4, REV, TIC *3819.13 +/- | 4R3 | 4 | 0 | 3,895,690:01:0 | |
| **361** | **97** | **92** | **18:52:18.466** | **G7CNGLOBAL01-** | | **-----STOP-------** | | **4R3** | **4** | **0** | **: :** | |
| 362 | 97 | 92 | 18:56:07.800 | 117AH | **CSMOS** | GS | ***** GROUP START CSMOS | 4R3 | 4 | 0 | 3,895,693:77:0 | |
| 363 | 97 | 92 | 18:56:17.133 | 117AH105A106A4A | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,1.01 | 4R3 | 4 | 0 | 3,895,694:00:0 | |
| 364 | 97 | 92 | 19:19:31.133 | 431YL6A | 6RCDSL | DDSNCG,PLSNCG,EP | Record Deselect (DDS o | 4R3 | 4 | 0 | 3,895,716:89:0 | |
| 365 | 97 | 92 | 19:22:41.133 | 20YC6A | 6HICON | | | 4R3 | 4 | 0 | 3,895,720:10:0 | |
| 366 | 97 | 92 | 19:23:35.133 | 431YM6A | 6RCSEL | DDSNCG,PLSNCG,EP | Record Select (DDS onl | 4R3 | 4 | 0 | 3,895,721:00:0 | |
| 367 | 97 | 92 | 19:25:36.466 | 117AH105A106A4B | 7STRP | 0.009,0.0,0,0,0, | Slew =12.01 | 4R3 | 4 | 0 | 3,895,723:00:0 | |
| 368 | 97 | 92 | 19:26:37.133 | 117AH105A106A4C | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,1.01 | 4R3 | 4 | 0 | 3,895,724:00:0 | |
| 369 | 97 | 92 | 19:29:59.800 | 488AN6D | 6TMSED | NORM,FL7 | Sci, Eng, and D/L Chan | 4R3 | 4 | 0 | 3,895,727:31:0 | |
| 370 | 97 | 92 | 19:33:59.800 | 432OB6A | 6RTSL1 | | R/T Select of DDS and | 4R3 | 4 | 0 | 3,895,731:27:0 | |
| 371 | 97 | 92 | 19:55:56.466 | 117AH105A106A4D | 7STRP | 0.009,0.0,0,0,0, | Slew =12.01 | 4R3 | 4 | 0 | 3,895,753:00:0 | |
| 372 | 97 | 92 | 19:56:27.800 | 488AN6E | 6TMSED | NORM,FL6 | Sci, Eng, and D/L Chan | 4R3 | 4 | 0 | 3,895,753:47:0 | |
| 373 | 97 | 92 | 19:56:57.133 | 117AH105A106A4E | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,1.01 | 4R3 | 4 | 0 | 3,895,754:00:0 | |
| 374 | 97 | 92 | 20:26:16.466 | 117AH11A | **CSMOS** | GE | ***** GROUP END CSMOS | 4R3 | 4 | 0 | 3,895,783:00:0 | |
| 375 | 97 | 92 | 21:07:07.800 | 488AO6A | 6TMSED | FILL,FL6 | Sci, Eng, and D/L Chan | 4R3 | 4 | 0 | 3,895,823:37:0 | |
| 376 | 97 | 92 | 21:28:57.133 | 488AO6B | 6TMSED | NORM,FL6 | Sci, Eng, and D/L Chan | 4R3 | 4 | 0 | 3,895,844:90:0 | |
| 377 | 97 | 93 | 00:14:59.800 | 488AO6C | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4R3 | 4 | 0 | 3,896,009:19:0 | |
| 378 | 97 | 93 | 00:45:05.800 | 165CG4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,896,038:89:0 | |
| 379 | 97 | 93 | 00:45:06.466 | 165CG4B | 7SCAN | NORM,245.737999, | Check S/P Position | 4R3 | 4 | 0 | 3,896,038:90:0 | |
| 380 | 97 | 93 | 01:24:31.800 | 165IF4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,896,077:89:0 | |
| 381 | 97 | 93 | 01:24:32.466 | 165IF4B | 7SCAN | NORM,246.643,-23 | Check S/P Position | 4R3 | 4 | 0 | 3,896,077:90:0 | |
| 382 | 97 | 93 | 01:28:39.800 | 118IF | **SMOS** | GS | | 4R3 | 4 | 0 | 3,896,082:06:0 | |
| 383 | 97 | 93 | 01:29:30.466 | 118IF110A111A4A | 7STRP | 0.0035,0.0,46,0, | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,082:82:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 384 | 97 | 93 | 01:29:45.800 | 118IF110A111A4B | 7STRP | -0.00315,0.0034, | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,083:14:0 | |
| 385 | 97 | 93 | 01:30:01.133 | 118IF110A111A4C | 7STRP | 0.0035,0.0,46,0, | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,083:37:0 | |
| 386 | 97 | 93 | 01:30:11.133 | 175IF422A6A | 6DMSC | R115,0 | DMS Control Tape runup 115.2kb | 4R3 | 4 | 0 | 3,896,083:52:0 | |
| 387 | 97 | 93 | 01:30:16.466 | 118IF11A | **SMOS** | GE | | 4R3 | 4 | 0 | 3,896,083:60:0 | |
| 388 | 97 | 93 | 01:30:19.000 | | DMS: | : *RUNUP | R115, TRACK *4, *REV, TIC *3820.24 +/- | 4R3 | 4 | 0 | 3,896,083:63:8 | |
| 389 | 97 | 93 | 01:30:23.000 | | DMS: | **: *RECORD** | R115, TRACK 4, REV, TIC *3813.94 +/- | 4R3 | 4 | 0 | 3,896,083:69:8 | |
| 390 | 97 | 93 | 01:30:23.000 | | DMS: | : *AT_SPD | R115, TRACK 4, REV, TIC 3813.94 +/- | 4R3 | 4 | 0 | 3,896,083:69:8 | |
| 391 | 97 | 93 | 01:30:23.133 | 175IF176A6A | 6TMREC | HIS | 115.2 KBPS SSI + NIMS RECORD Record Mode | 4R3 | 4 | 0 | 3,896,083:70:0 | |
| 392 | 97 | 93 | 01:30:37.133 | | DMS: | **: *RUNDOWN** | R115, TRACK 4, REV, TIC *3764.26 +/- | 4R3 | 4 | 0 | 3,896,084:00:0 | |
| 393 | 97 | 93 | 01:30:37.133 | 175IF422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R3 | 4 | 0 | 3,896,084:00:0 | |
| 394 | 97 | 93 | 01:31:36.466 | 165JE4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,896,084:89:0 | |
| 395 | 97 | 93 | 01:31:37.133 | 165JE4B | 7SCAN | NORM,246.907,-23 | Check S/P Position | 4R3 | 4 | 0 | 3,896,084:90:0 | |
| 396 | 97 | 93 | 01:33:43.133 | 118JE | **SMOS** | GS | | 4R3 | 4 | 0 | 3,896,087:06:0 | |
| 397 | 97 | 93 | 01:34:33.800 | 118JE110A111A4A | 7STRP | 0.0035,0.0,46,0, | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,087:82:0 | |
| 398 | 97 | 93 | 01:34:49.133 | 118JE110A111A4B | 7STRP | -0.00315,0.0034, | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,088:14:0 | |
| 399 | 97 | 93 | 01:35:04.466 | 118JE110A111A4C | 7STRP | 0.0035,0.0,46,0, | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,088:37:0 | |
| 400 | 97 | 93 | 01:35:14.466 | 175JE422A6A | 6DMSC | R115,0 | DMS Control Tape runup 115.2kb | 4R3 | 4 | 0 | 3,896,088:52:0 | |
| 401 | 97 | 93 | 01:35:19.800 | 118JE11A | **SMOS** | GE | | 4R3 | 4 | 0 | 3,896,088:60:0 | |
| 402 | 97 | 93 | 01:35:22.333 | | DMS: | : *RUNUP | R115, TRACK *4, *REV, TIC *3764.67 +/- | 4R3 | 4 | 0 | 3,896,088:63:8 | |
| 403 | 97 | 93 | 01:35:26.333 | | DMS: | **: *RECORD** | R115, TRACK 4, REV, TIC *3758.37 +/- | 4R3 | 4 | 0 | 3,896,088:69:8 | |
| 404 | 97 | 93 | 01:35:26.333 | | DMS: | : *AT_SPD | R115, TRACK 4, REV, TIC 3758.37 +/- | 4R3 | 4 | 0 | 3,896,088:69:8 | |
| 405 | 97 | 93 | 01:35:26.466 | 175JE176A6A | 6TMREC | HIS | 115.2 KBPS SSI + NIMS RECORD Record Mode | 4R3 | 4 | 0 | 3,896,088:70:0 | |
| 406 | 97 | 93 | 01:35:40.466 | 175JE422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R3 | 4 | 0 | 3,896,089:00:0 | |
| 407 | 97 | 93 | 01:35:40.466 | | DMS: | **: *RUNDOWN** | R115, TRACK 4, REV, TIC *3708.68 +/- | 4R3 | 4 | 0 | 3,896,089:00:0 | |
| 408 | 97 | 93 | 01:56:59.800 | 488AO6D | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4R3 | 4 | 0 | 3,896,110:08:0 | |
| 409 | 97 | 93 | 02:06:59.800 | 165JA4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,896,119:89:0 | |
| 410 | 97 | 93 | 02:07:00.466 | 165JA4B | 7SCAN | NORM,232.629999, | Check S/P Position | 4R3 | 4 | 0 | 3,896,119:90:0 | |
| 411 | 97 | 93 | 02:08:51.133 | 175JA422A6A | 6DMSC | R115,0 | DMS Control Tape runup 115.2kb | 4R3 | 4 | 0 | 3,896,121:74:0 | |
| 412 | 97 | 93 | 02:08:54.466 | 118JA | **SMOS** | GS | | 4R3 | 4 | 0 | 3,896,121:79:0 | |
| 413 | 97 | 93 | 02:08:59.000 | | DMS: | : *RUNUP | R115, TRACK *4, *REV, TIC *3709.10 +/- | 4R3 | 4 | 0 | 3,896,121:85:8 | |
| 414 | 97 | 93 | 02:09:03.000 | | DMS: | : *AT_SPD | R115, TRACK 4, REV, TIC 3702.80 +/- | 4R3 | 4 | 0 | 3,896,122:00:8 | |
| 415 | 97 | 93 | 02:09:03.000 | | DMS: | **: *RECORD** | R115, TRACK 4, REV, TIC *3702.80 +/- | 4R3 | 4 | 0 | 3,896,122:00:8 | |
| 416 | 97 | 93 | 02:09:03.133 | 175JA176A6A | 6TMREC | HIS | 115.2 KBPS SSI + NIMS RECORD Record Mode | 4R3 | 4 | 0 | 3,896,122:01:0 | |
| 417 | 97 | 93 | 02:09:04.466 | 118JA110A111A4A | 7STRP | 0.0,-0.007,46,0, | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,122:03:0 | |
| 418 | 97 | 93 | 02:09:50.466 | 118JA110A111B4A | 7STRP | 0.007,0.021003,0 | Slew =0,5.0 | 4R3 | 4 | 0 | 3,896,122:72:0 | |
| 419 | 97 | 93 | 02:10:05.800 | 118JA110A111B4B | 7STRP | 0.0,-0.007,46,0, | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,123:04:0 | |
| 420 | 97 | 93 | 02:10:51.800 | 118JA110A111A4B | 7STRP | -0.007,0.021003, | Slew =0,5.0 | 4R3 | 4 | 0 | 3,896,123:73:0 | |
| 421 | 97 | 93 | 02:11:07.133 | 118JA110A111A4C | 7STRP | 0.0,-0.007,46,0, | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,124:05:0 | |
| 422 | 97 | 93 | 02:11:53.133 | 118JA110A111B4C | 7STRP | 0.007,0.021003,0 | Slew =0,5.0 | 4R3 | 4 | 0 | 3,896,124:74:0 | |
| 423 | 97 | 93 | 02:12:08.466 | 118JA110A111B4D | 7STRP | 0.0,-0.007,46,0, | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,125:06:0 | |
| 424 | 97 | 93 | 02:12:54.466 | 118JA110A111A4D | 7STRP | -0.007,0.021003, | Slew =0,5.0 | 4R3 | 4 | 0 | 3,896,125:75:0 | |
| 425 | 97 | 93 | 02:13:09.800 | 118JA110A111A4E | 7STRP | 0.0,-0.007,46,0, | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,126:07:0 | |
| 426 | 97 | 93 | 02:13:55.800 | 118JA110A111B4E | 7STRP | 0.007,0.021003,0 | Slew =0,5.0 | 4R3 | 4 | 0 | 3,896,126:76:0 | |
| 427 | 97 | 93 | 02:14:11.133 | 118JA110A111B4F | 7STRP | 0.0,-0.007,46,0, | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,127:08:0 | |
| 428 | 97 | 93 | 02:14:57.133 | 118JA110A111A4F | 7STRP | -0.007,0.021003, | Slew =0,5.0 | 4R3 | 4 | 0 | 3,896,127:77:0 | |
| 429 | 97 | 93 | 02:15:12.466 | 118JA110A111A4G | 7STRP | 0.0,-0.007,46,0, | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,128:09:0 | |
| 430 | 97 | 93 | 02:15:58.466 | 118JA110A111B4G | 7STRP | 0.007,0.021003,0 | Slew =0,5.0 | 4R3 | 4 | 0 | 3,896,128:78:0 | |
| 431 | 97 | 93 | 02:16:13.800 | 118JA110A111B4H | 7STRP | 0.0,-0.007,46,0, | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,129:10:0 | |
| 432 | 97 | 93 | 02:16:59.800 | 118JA11A | **SMOS** | GE | | 4R3 | 4 | 0 | 3,896,129:79:0 | |
| 433 | 97 | 93 | 02:17:06.466 | 165AJ4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,896,129:89:0 | |
| 434 | 97 | 93 | 02:17:07.133 | 165AJ4B | 7SCAN | NORM,232.511999, | Check S/P Position | 4R3 | 4 | 0 | 3,896,129:90:0 | |
| 435 | 97 | 93 | 02:17:07.800 | | DMS: | **: *RUNDOWN** | R115, TRACK 4, REV, TIC *1998.42 +/- | 4R3 | 4 | 0 | 3,896,130:00:0 | |
| 436 | 97 | 93 | 02:17:07.800 | 175JA422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R3 | 4 | 0 | 3,896,130:00:0 | |
| 437 | 97 | 93 | 02:17:59.133 | 117AA | **CSMOS** | GS | ***** GROUP START CSMOS | 4R3 | 4 | 0 | 3,896,130:77:0 | |
| 438 | 97 | 93 | 02:18:08.466 | 117AA105A106A4A | 7STRP | 0.0,0.0,0.0,0.0, | Slew =,0.02 | 4R3 | 4 | 0 | 3,896,131:00:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 439 | 97 | 93 | 02:19:39.133 | 117AA105A106A4B | 7STRP | -0.00005,-0.007, | Slew =12.01 | 4R3 | 4 | 0 | 3,896,132 | 45:0 |
| 440 | 97 | 93 | 02:20:09.800 | 117AA105A106A4C | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,0.02 | 4R3 | 4 | 0 | 3,896,133 | 00:0 |
| 441 | 97 | 93 | 02:21:40.466 | 117AA105A106A4D | 7STRP | -0.00005,-0.007, | Slew =12.01 | 4R3 | 4 | 0 | 3,896,134 | 45:0 |
| 442 | 97 | 93 | 02:22:11.133 | 117AA105A106A4E | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,0.02 | 4R3 | 4 | 0 | 3,896,135 | 00:0 |
| 443 | 97 | 93 | 02:23:41.800 | 117AA105A106A4F | 7STRP | -0.00005,-0.007, | Slew =12.01 | 4R3 | 4 | 0 | 3,896,136 | 45:0 |
| 444 | 97 | 93 | 02:24:12.466 | 117AA105A106A4G | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,0.02 | 4R3 | 4 | 0 | 3,896,137 | 00:0 |
| 445 | 97 | 93 | 02:25:43.133 | 117AA105A106B4A | 7STRP | 0.008,0.021253,0 | Slew =12.01 | 4R3 | 4 | 0 | 3,896,138 | 45:0 |
| 446 | 97 | 93 | 02:26:13.800 | 117AA105A106B4B | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,0.02 | 4R3 | 4 | 0 | 3,896,139 | 00:0 |
| 447 | 97 | 93 | 02:27:44.466 | 117AA105A106C4A | 7STRP | -0.0005,-0.007,0 | Slew =12.01 | 4R3 | 4 | 0 | 3,896,140 | 45:0 |
| 448 | 97 | 93 | 02:28:15.133 | 117AA105A106C4B | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,0.02 | 4R3 | 4 | 0 | 3,896,141 | 00:0 |
| 449 | 97 | 93 | 02:29:45.800 | 117AA105A106C4C | 7STRP | -0.0005,-0.007,0 | Slew =12.01 | 4R3 | 4 | 0 | 3,896,142 | 45:0 |
| 450 | 97 | 93 | 02:30:16.466 | 117AA105A106C4D | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,0.02 | 4R3 | 4 | 0 | 3,896,143 | 00:0 |
| 451 | 97 | 93 | 02:31:47.133 | 117AA105A106C4E | 7STRP | -0.0005,-0.007,0 | Slew =12.01 | 4R3 | 4 | 0 | 3,896,144 | 45:0 |
| 452 | 97 | 93 | 02:32:17.800 | 117AA105A106C4F | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,0.02 | 4R3 | 4 | 0 | 3,896,145 | 00:0 |
| 453 | 97 | 93 | 02:33:48.466 | 117AA11A | **CSMOS** | GE | ***** GROUP END CSMOS | 4R3 | 4 | 0 | 3,896,146 | 45:0 |
| 454 | 97 | 93 | 02:33:54.466 | 165AK4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,896,146 | 54:0 |
| 455 | 97 | 93 | 02:33:55.133 | 165AK4B | 7SCAN | NORM,232.514999, | Check S/P Position | 4R3 | 4 | 0 | 3,896,146 | 55:0 |
| 456 | 97 | 93 | 02:37:31.800 | 488AO6E | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4R3 | 4 | 0 | 3,896,150 | 16:0 |
| 457 | 97 | 93 | 03:05:38.466 | 165JB4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,896,177 | 89:0 |
| 458 | 97 | 93 | 03:05:39.133 | 165JB4B | 7SCAN | NORM,232.721998, | Check S/P Position | 4R3 | 4 | 0 | 3,896,177 | 90:0 |
| 459 | 97 | 93 | 03:07:29.800 | 175JB422A6A | 6DMSC | R115,0 | DMS Control Tape runup 115.2kb | 4R3 | 4 | 0 | 3,896,179 | 74:0 |
| 460 | 97 | 93 | 03:07:33.133 | 118JB | **SMOS** | GS | | 4R3 | 4 | 0 | 3,896,179 | 79:0 |
| 461 | 97 | 93 | 03:07:37.666 | | DMS: | : *RUNUP | R115, TRACK *4, *REV, TIC *1998.84 +/- | 4R3 | 4 | 0 | 3,896,179 | 85:8 |
| 462 | 97 | 93 | 03:07:41.666 | | DMS: | : *AT_SPD | R115, TRACK 4, REV, TIC 1992.54 +/- | 4R3 | 4 | 0 | 3,896,180 | 00:8 |
| 463 | 97 | 93 | 03:07:41.666 | | DMS: | **: *RECORD** | R115, TRACK 4, REV, TIC *1992.54 +/- | 4R3 | 4 | 0 | 3,896,180 | 00:8 |
| 464 | 97 | 93 | 03:07:41.800 | 175JB176A6A | 6TMREC | HIS | 115.2 KBPS SSI + NIMS RECORD Record Mode | 4R3 | 4 | 0 | 3,896,180 | 01:0 |
| 465 | 97 | 93 | 03:07:43.133 | 118JB110A111A4A | 7STRP | -0.003,-0.007,46 | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,180 | 03:0 |
| 466 | 97 | 93 | 03:08:29.133 | 118JB110A111B4A | 7STRP | 0.016001,0.02100 | Slew =0,5.0 | 4R3 | 4 | 0 | 3,896,180 | 72:0 |
| 467 | 97 | 93 | 03:08:44.466 | 118JB110A111B4B | 7STRP | -0.003,-0.007,46 | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,181 | 04:0 |
| 468 | 97 | 93 | 03:09:30.466 | 118JB110A111A4B | 7STRP | 0.002,0.021003,0 | Slew =0,5.0 | 4R3 | 4 | 0 | 3,896,181 | 73:0 |
| 469 | 97 | 93 | 03:09:45.800 | 118JB110A111A4C | 7STRP | -0.003,-0.007,46 | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,182 | 05:0 |
| 470 | 97 | 93 | 03:10:31.800 | 118JB110A111B4C | 7STRP | 0.016001,0.02100 | Slew =0,5.0 | 4R3 | 4 | 0 | 3,896,182 | 74:0 |
| 471 | 97 | 93 | 03:10:47.133 | 118JB110A111B4D | 7STRP | -0.003,-0.007,46 | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,183 | 06:0 |
| 472 | 97 | 93 | 03:11:33.133 | 118JB110A111A4D | 7STRP | 0.002,0.021003,0 | Slew =0,5.0 | 4R3 | 4 | 0 | 3,896,183 | 75:0 |
| 473 | 97 | 93 | 03:11:48.466 | 118JB110A111A4E | 7STRP | -0.003,-0.007,46 | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,184 | 07:0 |
| 474 | 97 | 93 | 03:12:34.466 | 118JB110A111B4E | 7STRP | 0.016001,0.02100 | Slew =0,5.0 | 4R3 | 4 | 0 | 3,896,184 | 76:0 |
| 475 | 97 | 93 | 03:12:49.800 | 118JB110A111B4F | 7STRP | -0.003,-0.007,46 | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,185 | 08:0 |
| 476 | 97 | 93 | 03:13:35.800 | 118JB110A111A4F | 7STRP | 0.002,0.021003,0 | Slew =0,5.0 | 4R3 | 4 | 0 | 3,896,185 | 77:0 |
| 477 | 97 | 93 | 03:13:51.133 | 118JB110A111A4G | 7STRP | -0.003,-0.007,46 | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,186 | 09:0 |
| 478 | 97 | 93 | 03:14:37.133 | 118JB110A111B4G | 7STRP | 0.016001,0.02100 | Slew =0,5.0 | 4R3 | 4 | 0 | 3,896,186 | 78:0 |
| 479 | 97 | 93 | 03:14:52.466 | 118JB110A111B4H | 7STRP | -0.003,-0.007,46 | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,187 | 10:0 |
| 480 | 97 | 93 | 03:15:38.466 | 118JB11A | **SMOS** | GE | | 4R3 | 4 | 0 | 3,896,187 | 79:0 |
| 481 | 97 | 93 | 03:15:45.133 | 165AL4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,896,187 | 89:0 |
| 482 | 97 | 93 | 03:15:45.800 | 165AL4B | 7SCAN | NORM,232.654999, | Check S/P Position | 4R3 | 4 | 0 | 3,896,187 | 90:0 |
| 483 | 97 | 93 | 03:15:46.466 | | DMS: | **: *RUNDOWN** | R115, TRACK 4, REV, TIC * 288.16 +/- | 4R3 | 4 | 0 | 3,896,188 | 00:0 |
| 484 | 97 | 93 | 03:15:46.466 | 175JB422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R3 | 4 | 0 | 3,896,188 | 00:0 |
| 485 | 97 | 93 | 03:16:37.800 | 117AC | **CSMOS** | GS | ***** GROUP START CSMOS | 4R3 | 4 | 0 | 3,896,188 | 77:0 |
| 486 | 97 | 93 | 03:16:47.133 | 117AC105A106A4A | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,0.02 | 4R3 | 4 | 0 | 3,896,189 | 00:0 |
| 487 | 97 | 93 | 03:18:17.800 | 117AC105A106A4B | 7STRP | -0.00325,-0.007, | Slew =12.01 | 4R3 | 4 | 0 | 3,896,190 | 45:0 |
| 488 | 97 | 93 | 03:18:48.466 | 117AC105A106A4C | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,0.02 | 4R3 | 4 | 0 | 3,896,191 | 00:0 |
| 489 | 97 | 93 | 03:20:19.133 | 117AC105A106A4D | 7STRP | -0.00325,-0.007, | Slew =12.01 | 4R3 | 4 | 0 | 3,896,192 | 45:0 |
| 490 | 97 | 93 | 03:20:49.800 | 117AC105A106A4E | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,0.02 | 4R3 | 4 | 0 | 3,896,193 | 00:0 |
| 491 | 97 | 93 | 03:22:20.466 | 117AC105A106A4F | 7STRP | -0.00325,-0.007, | Slew =12.01 | 4R3 | 4 | 0 | 3,896,194 | 45:0 |
| 492 | 97 | 93 | 03:22:51.133 | 117AC105A106A4G | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,0.02 | 4R3 | 4 | 0 | 3,896,195 | 00:0 |
| 493 | 97 | 93 | 03:24:21.800 | 117AC105A106B4A | 7STRP | 0.016251,0.02125 | Slew =12.01 | 4R3 | 4 | 0 | 3,896,196 | 45:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 494 | 97 | 93 | 03:24:52.466 | 117AC105A106B4B | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,0.02 | 4R3 | 4 | 0 | 3,896,197:00:0 | |
| 495 | 97 | 93 | 03:26:23.133 | 117AC105A106C4A | 7STRP | -0.00325,-0.007, | Slew =12.01 | 4R3 | 4 | 0 | 3,896,198:45:0 | |
| 496 | 97 | 93 | 03:26:53.800 | 117AC105A106C4B | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,0.02 | 4R3 | 4 | 0 | 3,896,199:00:0 | |
| 497 | 97 | 93 | 03:28:24.466 | 117AC105A106C4C | 7STRP | -0.00325,-0.007, | Slew =12.01 | 4R3 | 4 | 0 | 3,896,200:45:0 | |
| 498 | 97 | 93 | 03:28:48.466 | 465KE6A | 6DTRN | CMD,6DTRN,465KE6 | DMS TRACK TURNAROUND | 4R3 | 4 | 0 | 3,896,200:81:0 | |
| 499 | 97 | 93 | 03:28:55.133 | 117AC105A106C4D | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,0.02 | 4R3 | 4 | 0 | 3,896,201:00:0 | |
| 500 | 97 | 93 | 03:30:25.800 | 117AC105A106C4E | 7STRP | -0.00325,-0.007, | Slew =12.01 | 4R3 | 4 | 0 | 3,896,202:45:0 | |
| 501 | 97 | 93 | 03:30:56.466 | 117AC105A106C4F | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,0.02 | 4R3 | 4 | 0 | 3,896,203:00:0 | |
| 502 | 97 | 93 | 03:32:27.133 | 117AC11A | **CSMOS** | GE | ***** GROUP END CSMOS | 4R3 | 4 | 0 | 3,896,204:45:0 | |
| 503 | 97 | 93 | 03:32:29.800 | 165AM4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,896,204:49:0 | |
| 504 | 97 | 93 | 03:32:30.466 | 165AM4B | 7SCAN | NORM,233.141998, | Check S/P Position | 4R3 | 4 | 0 | 3,896,204:50:0 | |
| 505 | 97 | 93 | 03:37:15.800 | 488AP6A | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 4R3 | 4 | 0 | 3,896,209:23:0 | |
| 506 | 97 | 93 | 03:47:07.133 | | DMS: | : *SLEW-TIC | P7, TRACK 1, FWD, TIC 201.62 +/- | 4R3 | 4 | 0 | 3,896,219:00:0 | |
| 507 | 97 | 93 | 03:47:07.133 | 465KD6A | 6DMST | 213 | DMS Slew to TIC | 4R3 | 4 | 0 | 3,896,219:00:0 | |
| 508 | 97 | 93 | 03:59:13.800 | 165JC4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,896,230:89:0 | |
| 509 | 97 | 93 | 03:59:14.466 | 165JC4B | 7SCAN | NORM,232.289999, | Check S/P Position | 4R3 | 4 | 0 | 3,896,230:90:0 | |
| 510 | 97 | 93 | 04:00:05.800 | 175JC422A6A | 6DMSC | R115,1 | DMS Control | 4R3 | 4 | 0 | 3,896,231:76:0 | |
| 511 | 97 | 93 | 04:00:07.800 | 118JC | **SMOS** | GS | | 4R3 | 4 | 0 | 3,896,231:79:0 | |
| 512 | 97 | 93 | 04:00:12.466 | | DMS: | : *RUNUP | R115, TRACK 1, FWD, TIC 213.00 +/- | 4R3 | 4 | 0 | 3,896,231:86:0 | |
| 513 | 97 | 93 | 04:00:16.466 | 175JC176A6A | 6TMREC | HIS | 115.2 KBPS SSI + NIMS RECORD Record Mode | 4R3 | 4 | 0 | 3,896,232:01:0 | |
| 514 | 97 | 93 | 04:00:16.466 | | DMS: | **: *RECORD** | R115, TRACK 1, FWD, TIC * 219.30 +/- | 4R3 | 4 | 0 | 3,896,232:01:0 | |
| 515 | 97 | 93 | 04:00:16.466 | | DMS: | : *AT_SPD | R115, TRACK 1, FWD, TIC 219.30 +/- | 4R3 | 4 | 0 | 3,896,232:01:0 | |
| 516 | 97 | 93 | 04:00:17.800 | 118JC110A111A4A | 7STRP | -0.001,-0.007,46 | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,232:03:0 | |
| 517 | 97 | 93 | 04:00:33.133 | 118JC110A111B4A | 7STRP | 0.006,0.017002,0 | Slew =0,5.0 | 4R3 | 4 | 0 | 3,896,232:26:0 | |
| 518 | 97 | 93 | 04:00:48.466 | 118JC110A111B4B | 7STRP | -0.001,-0.007,46 | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,232:49:0 | |
| 519 | 97 | 93 | 04:01:03.800 | 118JC110A111B4C | 7STRP | 0.006,0.017002,0 | Slew =0,5.0 | 4R3 | 4 | 0 | 3,896,232:72:0 | |
| 520 | 97 | 93 | 04:01:19.133 | 118JC110A111B4D | 7STRP | -0.001,-0.007,46 | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,233:04:0 | |
| 521 | 97 | 93 | 04:01:34.466 | 118JC110A111A4B | 7STRP | -0.009,-0.013001 | Slew =0,5.0 | 4R3 | 4 | 0 | 3,896,233:27:0 | |
| 522 | 97 | 93 | 04:01:49.800 | 118JC110A111A4C | 7STRP | -0.001,-0.007,46 | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,233:50:0 | |
| 523 | 97 | 93 | 04:02:05.133 | 118JC110A111B4E | 7STRP | 0.006,0.017002,0 | Slew =0,5.0 | 4R3 | 4 | 0 | 3,896,233:73:0 | |
| 524 | 97 | 93 | 04:02:20.466 | 118JC110A111B4F | 7STRP | -0.001,-0.007,46 | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,234:05:0 | |
| 525 | 97 | 93 | 04:02:35.800 | 118JC110A111B4G | 7STRP | 0.006,0.017002,0 | Slew =0,5.0 | 4R3 | 4 | 0 | 3,896,234:28:0 | |
| 526 | 97 | 93 | 04:02:51.133 | 118JC110A111B4H | 7STRP | -0.001,-0.007,46 | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,234:51:0 | |
| 527 | 97 | 93 | 04:03:06.466 | 118JC110A111A4D | 7STRP | -0.009,-0.013001 | Slew =0,5.0 | 4R3 | 4 | 0 | 3,896,234:74:0 | |
| 528 | 97 | 93 | 04:03:21.800 | 118JC110A111A4E | 7STRP | -0.001,-0.007,46 | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,235:06:0 | |
| 529 | 97 | 93 | 04:03:37.133 | 118JC110A111B4I | 7STRP | 0.006,0.017002,0 | Slew =0,5.0 | 4R3 | 4 | 0 | 3,896,235:29:0 | |
| 530 | 97 | 93 | 04:03:52.466 | 118JC110A111B4J | 7STRP | -0.001,-0.007,46 | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,235:52:0 | |
| 531 | 97 | 93 | 04:04:07.800 | 118JC110A111B4K | 7STRP | 0.006,0.017002,0 | Slew =0,5.0 | 4R3 | 4 | 0 | 3,896,235:75:0 | |
| 532 | 97 | 93 | 04:04:23.133 | 118JC110A111B4L | 7STRP | -0.001,-0.007,46 | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,236:07:0 | |
| 533 | 97 | 93 | 04:04:38.466 | 118JC110A111A4F | 7STRP | -0.009,-0.013001 | Slew =0,5.0 | 4R3 | 4 | 0 | 3,896,236:30:0 | |
| 534 | 97 | 93 | 04:04:53.800 | 118JC110A111A4G | 7STRP | -0.001,-0.007,46 | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,236:53:0 | |
| 535 | 97 | 93 | 04:05:09.133 | 118JC110A111B4M | 7STRP | 0.006,0.017002,0 | Slew =0,5.0 | 4R3 | 4 | 0 | 3,896,236:76:0 | |
| 536 | 97 | 93 | 04:05:24.466 | 118JC110A111B4N | 7STRP | -0.001,-0.007,46 | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,237:08:0 | |
| 537 | 97 | 93 | 04:05:39.800 | 118JC110A111B4O | 7STRP | 0.006,0.017002,0 | Slew =0,5.0 | 4R3 | 4 | 0 | 3,896,237:31:0 | |
| 538 | 97 | 93 | 04:05:55.133 | 118JC110A111B4P | 7STRP | -0.001,-0.007,46 | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,237:54:0 | |
| 539 | 97 | 93 | 04:06:10.466 | 118JC11A | **SMOS** | GE | | 4R3 | 4 | 0 | 3,896,237:77:0 | |
| 540 | 97 | 93 | 04:06:19.800 | | DMS: | **: *RUNDOWN** | R115, TRACK 1, FWD, TIC *1496.64 +/- | 4R3 | 4 | 0 | 3,896,238:00:0 | |
| 541 | 97 | 93 | 04:06:19.800 | 175JC422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R3 | 4 | 0 | 3,896,238:00:0 | |
| 542 | 97 | 93 | 04:12:22.466 | 165AN4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,896,243:89:0 | |
| 543 | 97 | 93 | 04:12:23.133 | 165AN4B | 7SCAN | NORM,232.358,-20 | Check S/P Position | 4R3 | 4 | 0 | 3,896,243:90:0 | |
| 544 | 97 | 93 | 04:13:15.133 | 117AE | **CSMOS** | GS | ***** GROUP START CSMOS | 4R3 | 4 | 0 | 3,896,244:77:0 | |
| 545 | 97 | 93 | 04:13:24.466 | 117AE105A106A4A | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,0.02 | 4R3 | 4 | 0 | 3,896,245:00:0 | |
| 546 | 97 | 93 | 04:14:55.133 | 117AE105A106A4B | 7STRP | 0.004,0.007,0,0, | Slew =12.01 | 4R3 | 4 | 0 | 3,896,246:45:0 | |
| 547 | 97 | 93 | 04:15:25.800 | 117AE105A106A4C | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,0.02 | 4R3 | 4 | 0 | 3,896,247:00:0 | |
| 548 | 97 | 93 | 04:16:56.466 | 117AE105A106A4D | 7STRP | 0.004,0.007,0,0, | Slew =12.01 | 4R3 | 4 | 0 | 3,896,248:45:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 549 | 97 | 93 | 04:17:27.133 | 117AE105A106A4E | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,0.02 | 4R3 | 4 | 0 | 3,896,249:00:0 | |
| 550 | 97 | 93 | 04:18:57.800 | 117AE105A106B4A | 7STRP | 0.007,0.007,0,0, | Slew =12.01 | 4R3 | 4 | 0 | 3,896,250:45:0 | |
| 551 | 97 | 93 | 04:19:28.466 | 117AE105A106B4B | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,0.02 | 4R3 | 4 | 0 | 3,896,251:00:0 | |
| 552 | 97 | 93 | 04:20:59.133 | 117AE105A106B4C | 7STRP | 0.007,0.007,0,0, | Slew =12.01 | 4R3 | 4 | 0 | 3,896,252:45:0 | |
| 553 | 97 | 93 | 04:21:29.800 | 117AE105A106B4D | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,0.02 | 4R3 | 4 | 0 | 3,896,253:00:0 | |
| 554 | 97 | 93 | 04:23:00.466 | 117AE105A106C4A | 7STRP | 0.01,0.005,0,0,0 | Slew =12.01 | 4R3 | 4 | 0 | 3,896,254:45:0 | |
| 555 | 97 | 93 | 04:23:31.133 | 117AE105A106C4B | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,0.02 | 4R3 | 4 | 0 | 3,896,255:00:0 | |
| 556 | 97 | 93 | 04:25:01.800 | 117AE11A | **CSMOS** | GE | ***** GROUP END CSMOS | 4R3 | 4 | 0 | 3,896,256:45:0 | |
| 557 | 97 | 93 | 04:25:04.466 | 165AO4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,896,256:49:0 | |
| 558 | 97 | 93 | 04:25:05.133 | 165AO4B | 7SCAN | NORM,234.259998, | Check S/P Position | 4R3 | 4 | 0 | 3,896,256:50:0 | |
| 559 | 97 | 93 | 04:27:33.800 | 411AA6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 4R3 | 4 | 0 | 3,896,259:00:0 | |
| 560 | 97 | 93 | 04:27:40.466 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 1497.64 +/- | 4R3 | 4 | 0 | 3,896,259:10:0 | |
| 561 | 97 | 93 | 04:27:41.866 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC 1497.76 +/- | 4R3 | 4 | 0 | 3,896,259:12:1 | |
| 562 | 97 | 93 | 04:27:41.866 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *1497.76 +/- | 4R3 | 4 | 0 | 3,896,259:12:1 | |
| 563 | 97 | 93 | 04:27:43.800 | 411AA6B | 6TMREC | BDT | 7.68 KBPS BUFFER DUMP TO TAPE Record Mode | 4R3 | 4 | 0 | 3,896,259:15:0 | |
| 564 | 97 | 93 | 04:29:45.133 | 411AA6C | 6TMREC | **NRC** | NO RECORD Record Mode Change | 4R3 | 4 | 0 | 3,896,261:15:0 | |
| 565 | 97 | 93 | 04:29:45.800 | 411AA6D | 6DMSC | RDY,0 | DMS Control Tape stop | 4R3 | 4 | 0 | 3,896,261:16:0 | |
| 566 | 97 | 93 | 04:29:45.800 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *1526.81 +/- | 4R3 | 4 | 0 | 3,896,261:16:0 | |
| **567** | **97** | **93** | **04:32:41.067** | **G7HNDARK__01-** | | **-----START------** | | **4R3** | **4** | **0** | **: :** | |
| 568 | 97 | 93 | 04:33:35.133 | 176DA6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 4R3 | 4 | 0 | 3,896,264:87:0 | |
| 569 | 97 | 93 | 04:36:38.466 | 165DI4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,896,267:89:0 | |
| 570 | 97 | 93 | 04:36:39.133 | 165DI4B | 7SCAN | NORM,281.73,-66. | Check S/P Position | 4R3 | 4 | 0 | 3,896,267:90:0 | |
| 571 | 97 | 93 | 04:39:07.800 | 488AP6B | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4R3 | 4 | 0 | 3,896,270:40:0 | |
| 572 | 97 | 93 | 04:39:37.133 | 127DI | NIMSTAB | GS | %%%%% GROUP START TAB | 4R3 | 4 | 0 | 3,896,270:84:0 | |
| **573** | **97** | **93** | **04:39:37.800** | **127DI4A** | **37ETB** | **07,C7,05,FF,FF,3** | **Loads wavelength edit table** | **4R3** | **4** | **0** | **3,896,270:85:0** | |
| 574 | 97 | 93 | 04:39:45.800 | 127DI11A | NIMSTAB | GE | %%%%% GROUP END TAB | 4R3 | 4 | 0 | 3,896,271:06:0 | |
| 575 | 97 | 93 | 04:40:31.133 | 175DI422A6A | 6DMSC | R7,1 | DMS Control Tape runup 7.68kbp | 4R3 | 4 | 0 | 3,896,271:74:0 | |
| 576 | 97 | 93 | 04:40:37.800 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 1526.87 +/- | 4R3 | 4 | 0 | 3,896,271:84:0 | |
| 577 | 97 | 93 | 04:40:39.133 | 175DI176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 4R3 | 4 | 0 | 3,896,271:86:0 | |
| 578 | 97 | 93 | 04:40:39.200 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC 1526.99 +/- | 4R3 | 4 | 0 | 3,896,271:86:1 | |
| 579 | 97 | 93 | 04:40:39.200 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *1526.99 +/- | 4R3 | 4 | 0 | 3,896,271:86:1 | |
| **580** | **97** | **93** | **04:40:42.445** | **G7HNDARK__01-** | **NIMPBK** | **301DD** | **DARK OBSERVATION** | **4R3** | **4** | **0** | **: :** | |
| **581** | **97** | **93** | **04:41:42.445** | **G7HNDARK__01-** | **DESELC** | **300DD** | **DARK OBSERVATION** | **4R3** | **4** | **0** | **: :** | |
| 582 | 97 | 93 | 04:41:44.466 | 175DI422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R3 | 4 | 0 | 3,896,273:02:0 | |
| 583 | 97 | 93 | 04:41:44.466 | 175DI6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 4R3 | 4 | 0 | 3,896,273:02:0 | |
| 584 | 97 | 93 | 04:41:44.466 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *1542.29 +/- | 4R3 | 4 | 0 | 3,896,273:02:0 | |
| **585** | **97** | **93** | **04:42:47.734** | **G7HNDARK__01-** | | **-----STOP-------** | | **4R3** | **4** | **0** | **: :** | |
| **586** | **97** | **93** | **05:07:03.733** | **G7INCHEMIS01-** | | **-----START------** | | **4R3** | **4** | **0** | **: :** | |
| 587 | 97 | 93 | 05:07:59.066 | 165DE4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,896,298:89:0 | |
| 588 | 97 | 93 | 05:07:59.733 | 165DE4B | 7SCAN | NORM,255.622999, | Check S/P Position | 4R3 | 4 | 0 | 3,896,298:90:0 | |
| 589 | 97 | 93 | 05:09:57.066 | 125DE11A | NIMSINIT | GE | ##### GROUP END INIT | 4R3 | 4 | 0 | 3,896,300:84:0 | |
| 590 | 97 | 93 | 05:09:57.066 | 125DE | NIMSINIT | GS | ##### GROUP START INIT | 4R3 | 4 | 0 | 3,896,300:84:0 | |
| **591** | **97** | **93** | **05:09:57.066** | **125DE4A** | **37IST** | **0,2,0,OFF,0,1,0** | **Gain State 2** | **2R3** | **4** | **0** | **3,896,300:84:0** | |
| 592 | 97 | 93 | 05:10:57.733 | 127DE | NIMSTAB | GS | %%%%% GROUP START TAB | 2R3 | 4 | 0 | 3,896,301:84:0 | |
| **593** | **97** | **93** | **05:10:58.400** | **127DE4A** | **37ETB** | **07,C7,02,05,80,0** | **Loads wavelength edit table** | **2R3** | **4** | **0** | **3,896,301:85:0** | |
| 594 | 97 | 93 | 05:11:06.400 | 127DE11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R3 | 4 | 0 | 3,896,302:06:0 | |
| 595 | 97 | 93 | 05:11:51.733 | 175DE422A6A | 6DMSC | R7,1 | DMS Control Tape runup 7.68kbp | 2R3 | 4 | 0 | 3,896,302:74:0 | |
| 596 | 97 | 93 | 05:11:53.733 | 117DE | **CSMOS** | GS | ***** GROUP START CSMOS | 2R3 | 4 | 0 | 3,896,302:77:0 | |
| 597 | 97 | 93 | 05:11:58.400 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 1542.35 +/- | 2R3 | 4 | 0 | 3,896,302:84:0 | |
| 598 | 97 | 93 | 05:11:59.733 | 175DE176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R3 | 4 | 0 | 3,896,302:86:0 | |
| 599 | 97 | 93 | 05:11:59.800 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *1542.47 +/- | 2R3 | 4 | 0 | 3,896,302:86:1 | |
| 600 | 97 | 93 | 05:11:59.800 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC 1542.47 +/- | 2R3 | 4 | 0 | 3,896,302:86:1 | |
| 601 | 97 | 93 | 05:12:03.066 | 117DE105A106A4A | **7STRP** | **0.0039,0.0,0,0,0** | **Slew =,0.03** | 2R3 | 4 | 0 | 3,896,303:00:0 | |
| **602** | **97** | **93** | **05:12:03.111** | **G7INCHEMIS01-** | **NIMPBK** | **301DE** | **MONITORING OF IO'S DAYSIDE** | **2R3** | **4** | **0** | **: :** | |
| **603** | **97** | **93** | **05:14:13.777** | **G7INCHEMIS01-** | **DESELC** | **300DE** | **MONITORING OF IO'S DAYSIDE** | **2R3** | **4** | **0** | **: :** | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 604 | 97 | 93 | 05:14:14.400 | 117DE11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R3 | 4 | 0 | 3,896,305:15:0 | |
| 605 | 97 | 93 | 05:14:15.733 | 175DE6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R3 | 4 | 0 | 3,896,305:17:0 | |
| 606 | 97 | 93 | 05:14:15.733 | 175DE422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,896,305:17:0 | |
| 607 | 97 | 93 | 05:14:15.733 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *1574.33 +/- | 2R3 | 4 | 0 | 3,896,305:17:0 | |
| **608** | **97** | **93** | **05:15:09.067** | **G7INCHEMIS01-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** | |
| 609 | 97 | 93 | 05:20:50.400 | 488AP6C | 6TMSED | FILL,AL3 | Sci, Eng, and D/L Chan | 2R3 | 4 | 0 | 3,896,311:63:0 | |
| 610 | 97 | 93 | 05:52:54.400 | 488AP6D | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 2R3 | 4 | 0 | 3,896,343:37:0 | |
| 611 | 97 | 93 | 05:55:30.400 | 165AP4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,896,345:89:0 | |
| 612 | 97 | 93 | 05:55:31.066 | 165AP4B | 7SCAN | NORM,240.32,-22. | Check S/P Position | 2R3 | 4 | 0 | 3,896,345:90:0 | |
| 613 | 97 | 93 | 05:59:59.733 | 488AP6E | 6TMSED | NORM,CL3 | Sci, Eng, and D/L Chan | 2R3 | 4 | 0 | 3,896,350:38:0 | |
| 614 | 97 | 93 | 06:28:52.400 | 165AQ4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,896,378:89:0 | |
| 615 | 97 | 93 | 06:28:53.066 | 165AQ4B | 7SCAN | NORM,241.193998, | Check S/P Position | 2R3 | 4 | 0 | 3,896,378:90:0 | |
| 616 | 97 | 93 | 07:00:13.066 | 165BH4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,896,409:89:0 | |
| 617 | 97 | 93 | 07:00:13.733 | 165BH4B | 7SCAN | NORM,221.306999, | Check S/P Position | 2R3 | 4 | 0 | 3,896,409:90:0 | |
| 618 | 97 | 93 | 09:07:37.066 | 165IB4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,896,535:89:0 | |
| 619 | 97 | 93 | 09:07:37.733 | 165IB4B | 7SCAN | NORM,262.815998, | Check S/P Position | 2R3 | 4 | 0 | 3,896,535:90:0 | |
| 620 | 97 | 93 | 09:11:33.066 | 118IB | **SMOS** | GS | | 2R3 | 4 | 0 | 3,896,539:79:0 | |
| 621 | 97 | 93 | 09:11:43.066 | 118IB110A111A4A | 7STRP | 0.00385,0.0,26,0 | Slew =,3.51 | 2R3 | 4 | 0 | 3,896,540:03:0 | |
| **622** | **97** | **93** | **09:11:45.067** | **G7INCHEMIS02-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** | |
| 623 | 97 | 93 | 09:11:51.733 | 118IB110A111A4B | 7STRP | -0.00375,0.0039, | Slew =,3.51 | 2R3 | 4 | 0 | 3,896,540:16:0 | |
| 624 | 97 | 93 | 09:11:57.066 | 175IB422A6A | 6DMSC | R806,1 | DMS Control | 2R3 | 4 | 0 | 3,896,540:24:0 | |
| 625 | 97 | 93 | 09:12:00.400 | 118IB110A111A4C | 7STRP | 0.00385,0.0,26,0 | Slew =,3.51 | 2R3 | 4 | 0 | 3,896,540:29:0 | |
| 626 | 97 | 93 | 09:12:03.733 | | DMS: | : *RUNUP | R806, TRACK 1, FWD, TIC 1574.39 +/- | 2R3 | 4 | 0 | 3,896,540:34:0 | |
| 627 | 97 | 93 | 09:12:08.400 | 175IB176A6A | 6TMREC | IM8 | 806.4 KBPS IMAGE RECORD Record Mode Chang | 2R3 | 4 | 0 | 3,896,540:41:0 | |
| 628 | 97 | 93 | 09:12:09.000 | | DMS: | **: *RECORD** | R806, TRACK 1, FWD, TIC *1640.39 +/- | 2R3 | 4 | 0 | 3,896,540:41:9 | |
| 629 | 97 | 93 | 09:12:09.000 | | DMS: | : *AT_SPD | R806, TRACK 1, FWD, TIC 1640.39 +/- | 2R3 | 4 | 0 | 3,896,540:41:9 | |
| 630 | 97 | 93 | 09:12:09.066 | 118IB11A | **SMOS** | GE | | 2R3 | 4 | 0 | 3,896,540:42:0 | |
| 631 | 97 | 93 | 09:12:15.733 | | DMS: | **: *RUNDOWN** | R806, TRACK 1, FWD, TIC *1806.09 +/- | 2R3 | 4 | 0 | 3,896,540:52:0 | |
| 632 | 97 | 93 | 09:12:15.733 | 175IB422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,896,540:52:0 | |
| 633 | 97 | 93 | 09:12:37.066 | 125DG | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,896,540:84:0 | |
| 634 | 97 | 93 | 09:12:37.066 | 125DG11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,896,540:84:0 | |
| **635** | **97** | **93** | **09:12:37.066** | **125DG4A** | **37IST** | **0,2,0,OFF,0,1,0** | **Gain State 2** | **2R3** | **4** | **0** | **3,896,540:84:0** | |
| 636 | 97 | 93 | 09:13:37.733 | 127DG | NIMSTAB | GS | %%%%% GROUP START TAB | 2R3 | 4 | 0 | 3,896,541:84:0 | |
| **637** | **97** | **93** | **09:13:38.400** | **127DG4A** | **37ETB** | **07,C7,02,05,80,0** | **Loads wavelength edit table** | **2R3** | **4** | **0** | **3,896,541:85:0** | |
| 638 | 97 | 93 | 09:13:41.066 | 165DG4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,896,541:89:0 | |
| 639 | 97 | 93 | 09:13:41.733 | 165DG4B | 7SCAN | NORM,262.866997, | Check S/P Position | 2R3 | 4 | 0 | 3,896,541:90:0 | |
| 640 | 97 | 93 | 09:13:46.400 | 127DG11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R3 | 4 | 0 | 3,896,542:06:0 | |
| 641 | 97 | 93 | 09:14:31.733 | 175DG422A6A | 6DMSC | R7,1 | DMS Control Tape runup 7.68kbp | 2R3 | 4 | 0 | 3,896,542:74:0 | |
| 642 | 97 | 93 | 09:14:33.733 | 117DG | **CSMOS** | GS | ***** GROUP START CSMOS | 2R3 | 4 | 0 | 3,896,542:77:0 | |
| 643 | 97 | 93 | 09:14:38.400 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 1817.59 +/- | 2R3 | 4 | 0 | 3,896,542:84:0 | |
| 644 | 97 | 93 | 09:14:39.733 | 175DG176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R3 | 4 | 0 | 3,896,542:86:0 | |
| 645 | 97 | 93 | 09:14:39.800 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *1817.71 +/- | 2R3 | 4 | 0 | 3,896,542:86:1 | |
| 646 | 97 | 93 | 09:14:39.800 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC 1817.71 +/- | 2R3 | 4 | 0 | 3,896,542:86:1 | |
| 647 | 97 | 93 | 09:14:43.066 | 117DG105A106A4A | **7STRP** | **0.0043,0.0,0,0,0** | **Slew =,0.03** | 2R3 | 4 | 0 | 3,896,543:00:0 | |
| **648** | **97** | **93** | **09:14:43.102** | **G7INCHEMIS02-** | **NIMPBK** | **301DG** | **MONITORING OF IO'S DAYSIDE** | **2R3** | **4** | **0** | **: :** | |
| **649** | **97** | **93** | **09:17:07.102** | **G7INCHEMIS02-** | **DESELC** | **300DG** | **MONITORING OF IO'S DAYSIDE** | **2R3** | **4** | **0** | **: :** | |
| 650 | 97 | 93 | 09:17:07.733 | 117DG11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R3 | 4 | 0 | 3,896,545:35:0 | |
| 651 | 97 | 93 | 09:17:09.066 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *1852.69 +/- | 2R3 | 4 | 0 | 3,896,545:37:0 | |
| 652 | 97 | 93 | 09:17:09.066 | 175DG422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,896,545:37:0 | |
| 653 | 97 | 93 | 09:17:09.066 | 175DG6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R3 | 4 | 0 | 3,896,545:37:0 | |
| **654** | **97** | **93** | **09:17:29.067** | **G7INCHEMIS02-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** | |
| **655** | **97** | **93** | **09:17:35.733** | **G7INTHRMAL02-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** | |
| **656** | **97** | **93** | **09:17:40.400** | **125DH4A** | **37IST** | **0,2,0,OFF,0,1,1** | **Gain State 4** | **4R3** | **4** | **0** | **3,896,545:84:0** | |
| 657 | 97 | 93 | 09:17:40.400 | 127DH | NIMSTAB | GS | %%%%% GROUP START TAB | 4R3 | 4 | 0 | 3,896,545:84:0 | |
| 658 | 97 | 93 | 09:17:40.400 | 125DH11A | NIMSINIT | GE | ##### GROUP END INIT | 4R3 | 4 | 0 | 3,896,545:84:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 659 | 97 | 93 | 09:17:40.400 | 125DH | NIMSINIT | GS | ##### GROUP START INIT | 4R3 | 4 | 0 | 3,896,545:84:0 | |
| **660** | **97** | **93** | **09:17:41.066** | **127DH4A** | **37ETB** | **07,C7,03,81,00,0** | **Loads wavelength edit table** | **4R3** | **4** | **0** | **3,896,545:85:0** | |
| 661 | 97 | 93 | 09:17:43.733 | 165DH4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,896,545:89:0 | |
| 662 | 97 | 93 | 09:17:44.400 | 165DH4B | 7SCAN | NORM,263.156998, | Check S/P Position | 4R3 | 4 | 0 | 3,896,545:90:0 | |
| 663 | 97 | 93 | 09:17:49.066 | 127DH11A | NIMSTAB | GE | %%%%% GROUP END TAB | 4R3 | 4 | 0 | 3,896,546:06:0 | |
| 664 | 97 | 93 | 09:18:34.400 | 175DH422A6A | 6DMSC | R7,1 | DMS Control Tape runup 7.68kbp | 4R3 | 4 | 0 | 3,896,546:74:0 | |
| 665 | 97 | 93 | 09:18:36.400 | 117DH | **CSMOS** | GS | ***** GROUP START CSMOS | 4R3 | 4 | 0 | 3,896,546:77:0 | |
| 666 | 97 | 93 | 09:18:41.066 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 1852.75 +/- | 4R3 | 4 | 0 | 3,896,546:84:0 | |
| 667 | 97 | 93 | 09:18:42.400 | 175DH176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 4R3 | 4 | 0 | 3,896,546:86:0 | |
| 668 | 97 | 93 | 09:18:42.466 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *1852.87 +/- | 4R3 | 4 | 0 | 3,896,546:86:1 | |
| 669 | 97 | 93 | 09:18:42.466 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC 1852.87 +/- | 4R3 | 4 | 0 | 3,896,546:86:1 | |
| 670 | 97 | 93 | 09:18:45.733 | 117DH105A106A4A | **7STRP** | **0.002,0.0,0,0,0,** | **Slew =,0.03** | 4R3 | 4 | 0 | 3,896,547:00:0 | |
| 671 | 97 | 93 | 09:19:53.733 | 117DH11A | **CSMOS** | GE | ***** GROUP END CSMOS | 4R3 | 4 | 0 | 3,896,548:11:0 | |
| 672 | 97 | 93 | 09:19:55.066 | 175DH422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R3 | 4 | 0 | 3,896,548:13:0 | |
| 673 | 97 | 93 | 09:19:55.066 | 175DH6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 4R3 | 4 | 0 | 3,896,548:13:0 | |
| 674 | 97 | 93 | 09:19:55.066 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *1869.89 +/- | 4R3 | 4 | 0 | 3,896,548:13:0 | |
| 675 | 97 | 93 | 09:20:45.733 | 165BI4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,896,548:89:0 | |
| 676 | 97 | 93 | 09:20:46.400 | 165BI4B | 7SCAN | NORM,221.306999, | Check S/P Position | 4R3 | 4 | 0 | 3,896,548:90:0 | |
| **677** | **97** | **93** | **09:20:51.067** | **G7INTHRMAL02-** | | **-----STOP-------** | | **4R3** | **4** | **0** | **: :** | |
| 678 | 97 | 93 | 10:42:39.733 | 165GE4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,896,629:89:0 | |
| 679 | 97 | 93 | 10:42:40.400 | 165GE4B | 7SCAN | NORM,245.834,-26 | Check S/P Position | 4R3 | 4 | 0 | 3,896,629:90:0 | |
| 680 | 97 | 93 | 10:46:34.400 | 117GE | **CSMOS** | GS | ***** GROUP START CSMOS | 4R3 | 4 | 0 | 3,896,633:77:0 | |
| 681 | 97 | 93 | 10:46:43.733 | 117GE105A106A4A | 7STRP | 0.006,0.120689,0 | Slew =,0.11 | 4R3 | 4 | 0 | 3,896,634:00:0 | |
| 682 | 97 | 93 | 10:46:43.733 | 176GE6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 4R3 | 4 | 0 | 3,896,634:00:0 | |
| 683 | 97 | 93 | 10:52:27.733 | 488AQ6A | 6TMSED | NORM,CL2 | Sci, Eng, and D/L Chan | 4R3 | 4 | 0 | 3,896,639:61:0 | |
| 684 | 97 | 93 | 11:00:47.733 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 1869.95 +/- | 4R3 | 4 | 0 | 3,896,647:83:0 | |
| 685 | 97 | 93 | 11:00:49.133 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC *1870.07 +/- | 4R3 | 4 | 0 | 3,896,647:85:1 | |
| 686 | 97 | 93 | 11:01:05.733 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *1873.96 +/- | 4R3 | 4 | 0 | 3,896,648:19:0 | |
| 687 | 97 | 93 | 11:01:25.733 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *1878.65 +/- | 4R3 | 4 | 0 | 3,896,648:49:0 | |
| 688 | 97 | 93 | 11:06:57.066 | 176GE6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 4R3 | 4 | 0 | 3,896,654:00:0 | |
| 689 | 97 | 93 | 11:06:57.066 | 117GE11A | **CSMOS** | GE | ***** GROUP END CSMOS | 4R3 | 4 | 0 | 3,896,654:00:0 | |
| 690 | 97 | 93 | 11:07:05.733 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 1878.71 +/- | 4R3 | 4 | 0 | 3,896,654:13:0 | |
| 691 | 97 | 93 | 11:07:07.133 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC *1878.83 +/- | 4R3 | 4 | 0 | 3,896,654:15:1 | |
| 692 | 97 | 93 | 11:07:09.066 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *1879.28 +/- | 4R3 | 4 | 0 | 3,896,654:18:0 | |
| 693 | 97 | 93 | 11:07:21.066 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *1882.09 +/- | 4R3 | 4 | 0 | 3,896,654:36:0 | |
| 694 | 97 | 93 | 11:20:11.733 | 488AQ6B | 6TMSED | NORM,CL3 | Sci, Eng, and D/L Chan | 4R3 | 4 | 0 | 3,896,667:09:0 | |
| 695 | 97 | 93 | 11:45:47.733 | 488AQ6C | 6TMSED | NORM,CL4 | Sci, Eng, and D/L Chan | 4R3 | 4 | 0 | 3,896,692:38:0 | |
| 696 | 97 | 93 | 12:37:53.066 | 488AQ6D | 6TMSED | FILL,CL4 | Sci, Eng, and D/L Chan | 4R3 | 4 | 0 | 3,896,743:85:0 | |
| 697 | 97 | 93 | 12:53:05.733 | 165JD4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,896,758:89:0 | |
| 698 | 97 | 93 | 12:53:06.400 | 165JD4B | 7SCAN | NORM,249.258999, | Check S/P Position | 4R3 | 4 | 0 | 3,896,758:90:0 | |
| 699 | 97 | 93 | 12:56:59.733 | 175JD422A6A | 6DMSC | R115,1 | DMS Control | 4R3 | 4 | 0 | 3,896,762:76:0 | |
| 700 | 97 | 93 | 12:57:01.733 | 118JD | **SMOS** | GS | | 4R3 | 4 | 0 | 3,896,762:79:0 | |
| 701 | 97 | 93 | 12:57:06.400 | | DMS: | : *RUNUP | R115, TRACK 1, FWD, TIC 1882.15 +/- | 4R3 | 4 | 0 | 3,896,762:86:0 | |
| 702 | 97 | 93 | 12:57:10.400 | | DMS: | **: *RECORD** | R115, TRACK 1, FWD, TIC *1888.45 +/- | 4R3 | 4 | 0 | 3,896,763:01:0 | |
| 703 | 97 | 93 | 12:57:10.400 | | DMS: | : *AT_SPD | R115, TRACK 1, FWD, TIC 1888.45 +/- | 4R3 | 4 | 0 | 3,896,763:01:0 | |
| 704 | 97 | 93 | 12:57:10.400 | 175JD176A6A | 6TMREC | HIS | 115.2 KBPS SSI + NIMS RECORD Record Mode | 4R3 | 4 | 0 | 3,896,763:01:0 | |
| 705 | 97 | 93 | 12:57:11.733 | 118JD110A111A4A | 7STRP | -0.0015,-0.007,4 | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,763:03:0 | |
| 706 | 97 | 93 | 12:57:57.733 | 118JD110A111A4B | 7STRP | 0.011501,0.02100 | Slew =0,5.0 | 4R3 | 4 | 0 | 3,896,763:72:0 | |
| 707 | 97 | 93 | 12:58:13.066 | 118JD110A111A4C | 7STRP | -0.0015,-0.007,4 | Slew =,3.51 | 4R3 | 4 | 0 | 3,896,764:04:0 | |
| 708 | 97 | 93 | 12:58:59.066 | 118JD11A | **SMOS** | GE | | 4R3 | 4 | 0 | 3,896,764:73:0 | |
| 709 | 97 | 93 | 12:59:11.066 | | DMS: | **: *RUNDOWN** | R115, TRACK 1, FWD, TIC *2312.67 +/- | 4R3 | 4 | 0 | 3,896,765:00:0 | |
| 710 | 97 | 93 | 12:59:11.066 | 175JD422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R3 | 4 | 0 | 3,896,765:00:0 | |
| 711 | 97 | 93 | 13:06:32.400 | 488AQ6E | 6TMSED | NORM,CL4 | Sci, Eng, and D/L Chan | 4R3 | 4 | 0 | 3,896,772:25:0 | |
| 712 | 97 | 93 | 13:09:16.400 | 165AR4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,896,774:89:0 | |
| 713 | 97 | 93 | 13:09:17.066 | 165AR4B | 7SCAN | NORM,250.141998, | Check S/P Position | 4R3 | 4 | 0 | 3,896,774:90:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 714 | 97 | 93 | 13:13:11.066 | 117AG | **CSMOS** | GS | ***** GROUP START CSMOS | 4R3 | 4 | 0 | 3,896,778:77:0 | |
| 715 | 97 | 93 | 13:13:20.400 | 117AG105A106A4A | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,1.01 | 4R3 | 4 | 0 | 3,896,779:00:0 | |
| 716 | 97 | 93 | 13:42:39.733 | 117AG105A106A4B | 7STRP | 0.018502,0.0,0,0 | Slew =12.01 | 4R3 | 4 | 0 | 3,896,808:00:0 | |
| 717 | 97 | 93 | 13:43:40.400 | 117AG105A106A4C | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,1.01 | 4R3 | 4 | 0 | 3,896,809:00:0 | |
| 718 | 97 | 93 | 14:12:59.733 | 117AG105A106A4D | 7STRP | 0.018502,0.0,0,0 | Slew =12.01 | 4R3 | 4 | 0 | 3,896,838:00:0 | |
| 719 | 97 | 93 | 14:14:00.400 | 117AG105A106A4E | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,1.01 | 4R3 | 4 | 0 | 3,896,839:00:0 | |
| 720 | 97 | 93 | 14:29:59.733 | 481AB4A | 7VECT | | Inert vect update UTC | 4R3 | 4 | 0 | 3,896,854:74:0 | |
| 721 | 97 | 93 | 14:43:19.733 | 117AG105A106A4F | 7STRP | 0.018502,0.0,0,0 | Slew =12.01 | 4R3 | 4 | 0 | 3,896,868:00:0 | |
| 722 | 97 | 93 | 14:44:20.400 | 117AG105A106A4G | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,1.01 | 4R3 | 4 | 0 | 3,896,869:00:0 | |
| 723 | 97 | 93 | 15:13:39.733 | 117AG105A106A4H | 7STRP | 0.018502,0.0,0,0 | Slew =12.01 | 4R3 | 4 | 0 | 3,896,898:00:0 | |
| 724 | 97 | 93 | 15:14:40.400 | 117AG105A106A4I | 7STRP | 0.0,0.0,0,0,0,0, | Slew =,1.01 | 4R3 | 4 | 0 | 3,896,899:00:0 | |
| 725 | 97 | 93 | 15:43:59.733 | 117AG11A | **CSMOS** | GE | ***** GROUP END CSMOS | 4R3 | 4 | 0 | 3,896,928:00:0 | |
| 726 | 97 | 93 | 15:54:59.733 | | DMS: | : READY | RDY, TRACK 1, FWD, TIC 2313.67 +/- | 4R3 | 4 | 0 | 3,896,938:80:0 | |
| **727** | **97** | **93** | **15:55:00.000** | **20A3EX** | **37HR** | **Final Condition** | **Replacement Heaters OFF** | **4R3** | **4** | **0** | **3,896,938:80:4** | |
| **728** | **97** | **93** | **15:55:00.000** | **20A3EW** | **37A** | **Final Condition** | **NIMS Power ON** | **4R3** | **4** | **0** | **3,896,938:80:4** | |
| **729** | **97** | **93** | **15:55:00.000** | **20A3EZ** | **37C2PR** | **Final Condition** | **Optics Heater 2 OFF (primary relay)** | **4R3** | **4** | **0** | **3,896,938:80:4** | |
| **730** | **97** | **93** | **15:55:00.000** | **20A3FA** | **37F1PR** | **Final Condition** | **Radiator Flash Heater OFF (primary relay)** | **4R3** | **4** | **0** | **3,896,938:80:4** | |
| **731** | **97** | **93** | **15:55:00.000** | **20A3FB** | **37F2PR** | **Final Condition** | **Shield Flash Heater OFF (primary relay)** | **4R3** | **4** | **0** | **3,896,938:80:4** | |
| **732** | **97** | **93** | **15:55:00.000** | **20A3FD** | **40HRPR** | **Final Condition** | **RCT Heater OFF (primary relay)** | **4R3** | **4** | **0** | **3,896,938:80:4** | |
| **733** | **97** | **93** | **15:55:00.000** | **20A3EY** | **37C1PR** | **Final Condition** | **Optics Heater 1 OFF (primary relay)** | **4R3** | **4** | **0** | **3,896,938:80:4** | |
| **734** | **97** | **93** | **15:55:00.000** | **20A3FE** | **40T1PR** | **Final Condition** | **PCT Heater 1 OFF (primary relay)** | **4R3** | **4** | **0** | **3,896,938:80:4** | |
| **735** | **97** | **93** | **15:55:00.000** | **20A3FF** | **40T2R** | **Final Condition** | **PCT Heater 2 OFF** | **4R3** | **4** | **0** | **3,896,938:80:4** | |

| | | | Sequence: | G07A2-ARF | | Created: 5/13/97 | Begin: 97-093/15:55:00 Finish: 97-096/16:00:00 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Line** | **YR** | **DOY** | **SCET - GMT** | **PSID** | **Command** | **Parameters** | **Description** | **GCM** | **GO** | **GS** | **RIM MF I** |
| 1 | 97 | 93 | 15:54:59.733 | | DMS: | : READY | RDY, TRACK 1, FWD, TIC 2312.00 +/- | 4R3 | 4 | 0 | 3,896,938:80:0 |
| **2** | **97** | **93** | **15:55:00.000** | **20A3EW** | **37A** | **Initial Condition** | **NIMS Power ON** | **4R3** | **4** | **0** | **3,896,938:80:4** |
| **3** | **97** | **93** | **15:55:00.000** | **20A3FB** | **37F2PR** | **Initial Condition** | **Shield Flash Heater OFF (primary relay)** | **4R3** | **4** | **0** | **3,896,938:80:4** |
| **4** | **97** | **93** | **15:55:00.000** | **20A3FD** | **40HRPR** | **Initial Condition** | **RCT Heater OFF (primary relay)** | **4R3** | **4** | **0** | **3,896,938:80:4** |
| **5** | **97** | **93** | **15:55:00.000** | **20A3FF** | **40T2R** | **Initial Condition** | **PCT Heater 2 OFF** | **4R3** | **4** | **0** | **3,896,938:80:4** |
| **6** | **97** | **93** | **15:55:00.000** | **20A3FE** | **40T1PR** | **Initial Condition** | **PCT Heater 1 OFF (primary relay)** | **4R3** | **4** | **0** | **3,896,938:80:4** |
| **7** | **97** | **93** | **15:55:00.000** | **20A3EX** | **37HR** | **Initial Condition** | **Replacement Heaters OFF** | **4R3** | **4** | **0** | **3,896,938:80:4** |
| **8** | **97** | **93** | **15:55:00.000** | **20A3EY** | **37C1PR** | **Initial Condition** | **Optics Heater 1 OFF (primary relay)** | **4R3** | **4** | **0** | **3,896,938:80:4** |
| **9** | **97** | **93** | **15:55:00.000** | **20A3EZ** | **37C2PR** | **Initial Condition** | **Optics Heater 2 OFF (primary relay)** | **4R3** | **4** | **0** | **3,896,938:80:4** |
| **10** | **97** | **93** | **15:55:00.000** | **20A3FA** | **37F1PR** | **Initial Condition** | **Radiator Flash Heater OFF (primary relay)** | **4R3** | **4** | **0** | **3,896,938:80:4** |
| 11 | 97 | 93 | 15:55:23.733 | 488AS6A | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4R3 | 4 | 0 | 3,896,939:25:0 |
| 12 | 97 | 93 | 15:59:59.733 | 488AS6B | 6TMSED | NORM,GL6 | Sci, Eng, and D/L Chan | 4R3 | 4 | 0 | 3,896,943:75:0 |
| 13 | 97 | 93 | 16:00:00.400 | 282NK432A431A6A | 6RCDSL | DDSNCG,PLSDSL,EP | Record Deselect (DDS o | 4R3 | 4 | 0 | 3,896,943:76:0 |
| 14 | 97 | 93 | 16:00:01.066 | 282NK432A6A | 6RTSL1 | | R/T Select of DDS and | 4R3 | 4 | 0 | 3,896,943:77:0 |
| 15 | 97 | 93 | 16:20:22.400 | 165BJ4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,896,963:89:0 |
| 16 | 97 | 93 | 16:20:23.066 | 165BJ4B | 7SCAN | NORM,233.348,-23 | Check S/P Position | 4R3 | 4 | 0 | 3,896,963:90:0 |
| 17 | 97 | 93 | 17:38:13.733 | 165IC4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,897,040:89:0 |
| 18 | 97 | 93 | 17:38:14.400 | 165IC4B | 7SCAN | NORM,274.655998, | Check S/P Position | 4R3 | 4 | 0 | 3,897,040:90:0 |
| **19** | **97** | **93** | **17:39:19.733** | **G7NNHEALTH01-** | | **-----START------** | | **4R3** | **4** | **0** | **: :** |
| 20 | 97 | 93 | 17:39:55.733 | 488AS6C | 6TMSED | NORM,GL7 | Sci, Eng, and D/L Chan | 4R3 | 4 | 0 | 3,897,042:60:0 |
| **21** | **97** | **93** | **17:40:11.733** | **125KC4A** | **37IST** | **0,2,0,OFF,0,1,0** | **Gain State 2** | **4R3** | **4** | **0** | **3,897,042:84:0** |
| 22 | 97 | 93 | 17:40:11.733 | 125KC | NIMSINIT | GS | ##### GROUP START INIT | 4R3 | 4 | 0 | 3,897,042:84:0 |
| 23 | 97 | 93 | 17:40:11.733 | 125KC11A | NIMSINIT | GE | ##### GROUP END INIT | 4R3 | 4 | 0 | 3,897,042:84:0 |
| 24 | 97 | 93 | 17:41:12.400 | 127KC | NIMSTAB | GS | %%%%% GROUP START TAB | 4R3 | 4 | 0 | 3,897,043:84:0 |
| **25** | **97** | **93** | **17:41:13.066** | **127KC4A** | **37ETB** | **07,C7,02,80,44,3** | **Loads wavelength edit table** | **4R3** | **4** | **0** | **3,897,043:85:0** |
| 26 | 97 | 93 | 17:41:21.066 | 127KC11A | NIMSTAB | GE | %%%%% GROUP END TAB | 4R3 | 4 | 0 | 3,897,044:06:0 |
| **27** | **97** | **93** | **17:41:37.066** | **432EE6A** | **6RTSL2** | **NIMSEL,AACNCG,RT** | **NIMS R/T SELECT** | **4R3** | **4** | **0** | **3,897,044:30:0** |
| 28 | 97 | 93 | 17:42:07.733 | 175IC422A6A | 6DMSC | R806,1 | DMS Control | 4R3 | 4 | 0 | 3,897,044:76:0 |
| 29 | 97 | 93 | 17:42:14.400 | | DMS: | : *RUNUP | R806, TRACK 1, FWD, TIC 2312.00 +/- | 4R3 | 4 | 0 | 3,897,044:86:0 |
| 30 | 97 | 93 | 17:42:19.066 | 175IC176A6A | 6TMREC | IM8 | 806.4 KBPS IMAGE RECORD Record Mode Chang | 4R3 | 4 | 0 | 3,897,045:02:0 |
| 31 | 97 | 93 | 17:42:19.666 | | DMS: | : *AT_SPD | R806, TRACK 1, FWD, TIC 2378.00 +/- | 4R3 | 4 | 0 | 3,897,045:02:9 |
| 32 | 97 | 93 | 17:42:19.666 | | DMS: | **: *RECORD** | R806, TRACK 1, FWD, TIC *2378.00 +/- | 4R3 | 4 | 0 | 3,897,045:02:9 |
| 33 | 97 | 93 | 17:42:26.400 | 175IC422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R3 | 4 | 0 | 3,897,045:13:0 |
| 34 | 97 | 93 | 17:42:26.400 | | DMS: | **: *RUNDOWN** | R806, TRACK 1, FWD, TIC *2543.70 +/- | 4R3 | 4 | 0 | 3,897,045:13:0 |
| **35** | **97** | **93** | **17:42:36.400** | **432EF6A** | **6RTDS2** | **NIMDSL,AACNCG,RT** | **NIMS R/T DESELECT** | **4R3** | **4** | **0** | **3,897,045:28:0** |
| **36** | **97** | **93** | **17:44:23.067** | **G7NNHEALTH01-** | | **-----STOP------** | | **4R3** | **4** | **0** | **: :** |
| **37** | **97** | **93** | **17:45:23.733** | **G7NNNIMSLD01-** | | **-----START------** | | **4R3** | **4** | **0** | **: :** |
| **38** | **97** | **93** | **17:46:24.400** | **20EB6A** | **6CKSUM** | **NIMS** | **NIMS,1000,14BC** | **4R3** | **4** | **0** | **3,897,049:06:0** |
| **39** | **97** | **93** | **17:47:25.066** | **20EB5A** | **37PL** | | **Program Load (halts microprocessor & unwri** | **260** | **4** | **0** | **3,897,050:06:0** |
| **40** | **97** | **93** | **17:48:25.733** | **20EB5B** | **37MRL** | | **Memory Realocate (software operates from R** | **260** | **4** | **0** | **3,897,051:06:0** |
| 41 | 97 | 93 | 17:49:21.066 | 165IE4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 260 | 4 | 0 | 3,897,051:89:0 |
| 42 | 97 | 93 | 17:49:21.733 | 165IE4B | 7SCAN | NORM,275.382,-24 | Check S/P Position | 260 | 4 | 0 | 3,897,051:90:0 |
| **43** | **97** | **93** | **17:49:26.400** | **20EB6B** | **6MCOPY** | **NIMS** | **NIMS,1000,LLM1A,7300,77F7** | **260** | **4** | **0** | **3,897,052:06:0** |
| **44** | **97** | **93** | **17:50:27.066** | **20EB6C** | **6MCOPY** | **NIMS** | **NIMS,1598,LLM1A,77F8,781D** | **260** | **4** | **0** | **3,897,053:06:0** |
| **45** | **97** | **93** | **17:51:27.733** | **20EB5C** | **37IRT** | | **Instrument Reset (goes into POR state)** | **260** | **4** | **0** | **3,897,054:06:0** |
| **46** | **97** | **93** | **17:52:28.400** | **20EB5D** | **37MN** | | **Memory Normal (software operates from ROM)** | **260** | **4** | **0** | **3,897,055:06:0** |
| 47 | 97 | 93 | 17:53:17.066 | 118IE | **SMOS** | GS | | 260 | 4 | 0 | 3,897,055:79:0 |
| 48 | 97 | 93 | 17:53:23.733 | 165IE4C | 7VECT | | Inert vect update UTC | 260 | 4 | 0 | 3,897,055:89:0 |
| 49 | 97 | 93 | 17:53:24.400 | 165IE4D | 7TMOT | ENA,TMC | Enable IVP - Target Motion | 260 | 4 | 0 | 3,897,055:90:0 |
| 50 | 97 | 93 | 17:53:27.066 | 118IE110A111A4A | 7STRP | 0.0005,0.0,26,0, | Slew =,3.51 | 260 | 4 | 0 | 3,897,056:03:0 |
| **51** | **97** | **93** | **17:53:29.066** | **20EB4A** | **37IST** | **1,2,0,OFF,0,0,0** | **Chopper ON, Sync, Chopper (Ref)** | **2R0** | **4** | **0** | **3,897,056:06:0** |
| 52 | 97 | 93 | 17:53:32.400 | 175IE422A6A | 6DMSC | R806,1 | DMS Control | 2R0 | 4 | 0 | 3,897,056:11:0 |
| 53 | 97 | 93 | 17:53:39.066 | | DMS: | : *RUNUP | R806, TRACK 1, FWD, TIC 2555.20 +/- 1 | 2R0 | 4 | 0 | 3,897,056:21:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 54 | 97 | 93 | 17:53:43.733 | 175IE176A6A | 6TMREC | IM8 | 806.4 KBPS IMAGE RECORD Record Mode Chang | 2R0 | 4 | 0 | 3,897,056:28:0 | |
| 55 | 97 | 93 | 17:53:44.333 | | DMS: | **: *RECORD** | R806, TRACK 1, FWD, TIC *2621.20 +/- 1 | 2R0 | 4 | 0 | 3,897,056:28:9 | |
| 56 | 97 | 93 | 17:53:44.333 | | DMS: | : *AT_SPD | R806, TRACK 1, FWD, TIC 2621.20 +/- 1 | 2R0 | 4 | 0 | 3,897,056:28:9 | |
| 57 | 97 | 93 | 17:53:44.400 | 118IE11A | **SMOS** | GE | | 2R0 | 4 | 0 | 3,897,056:29:0 | |
| 58 | 97 | 93 | 17:53:46.400 | | DMS: | **: *RUNDOWN** | R806, TRACK 1, FWD, TIC *2672.06 +/- 1 | 2R0 | 4 | 0 | 3,897,056:32:0 | |
| 59 | 97 | 93 | 17:53:46.400 | 175IE422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R0 | 4 | 0 | 3,897,056:32:0 | |
| **60** | **97** | **93** | **17:54:29.733** | **20EB4B** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **2R3** | **4** | **0** | **3,897,057:06:0** | |
| **61** | **97** | **93** | **17:55:30.400** | **G7INCHEMIS03-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** | |
| **62** | **97** | **93** | **17:55:30.400** | **G7NNNIMSLD01-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** | |
| 63 | 97 | 93 | 17:56:25.733 | 165DJ4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,897,058:89:0 | |
| 64 | 97 | 93 | 17:56:26.400 | 165DJ4B | 7SCAN | NORM,257.744999, | Check S/P Position | 2R3 | 4 | 0 | 3,897,058:90:0 | |
| 65 | 97 | 93 | 17:59:24.400 | 127DJ | NIMSTAB | GS | %%%%% GROUP START TAB | 2R3 | 4 | 0 | 3,897,061:84:0 | |
| **66** | **97** | **93** | **17:59:25.066** | **127DJ4A** | **37ETB** | **04,C4,35,FF,FF** | **Loads wavelength edit table** | **2R3** | **4** | **0** | **3,897,061:85:0** | |
| 67 | 97 | 93 | 17:59:33.066 | 127DJ11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R3 | 4 | 0 | 3,897,062:06:0 | |
| 68 | 97 | 93 | 18:00:15.733 | 175DJ422A6A | 6DMSC | R28,1 | DMS Control | 2R3 | 4 | 0 | 3,897,062:70:0 | |
| 69 | 97 | 93 | 18:00:20.400 | 117DJ | **CSMOS** | GS | ***** GROUP START CSMOS | 2R3 | 4 | 0 | 3,897,062:77:0 | |
| 70 | 97 | 93 | 18:00:22.400 | | DMS: | : *RUNUP | R28, TRACK 1, FWD, TIC 2683.56 +/- 1 | 2R3 | 4 | 0 | 3,897,062:80:0 | |
| 71 | 97 | 93 | 18:00:26.400 | 175DJ176A6A | 6TMREC | **MPW** | 28.8 KBPS PWS + NIMS RECORD Record Mode C | 2R3 | 4 | 0 | 3,897,062:86:0 | |
| 72 | 97 | 93 | 18:00:26.400 | | DMS: | **: *RECORD** | R28, TRACK 1, FWD, TIC *2685.06 +/- 1 | 2R3 | 4 | 0 | 3,897,062:86:0 | |
| 73 | 97 | 93 | 18:00:26.400 | | DMS: | : *AT_SPD | R28, TRACK 1, FWD, TIC 2685.06 +/- 1 | 2R3 | 4 | 0 | 3,897,062:86:0 | |
| 74 | 97 | 93 | 18:00:29.733 | 117DJ105A106A4A | **7STRP** | **0.0039,0.0,0,0,0** | **Slew =,0.02** | 2R3 | 4 | 0 | 3,897,063:00:0 | |
| 75 | 97 | 93 | 18:03:46.400 | 117DJ11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R3 | 4 | 0 | 3,897,066:22:0 | |
| 76 | 97 | 93 | 18:03:47.733 | | DMS: | **: *RUNDOWN** | R28, TRACK 1, FWD, TIC *2862.02 +/- 1 | 2R3 | 4 | 0 | 3,897,066:24:0 | |
| 77 | 97 | 93 | 18:03:47.733 | 175DJ422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,897,066:24:0 | |
| **78** | **97** | **93** | **18:03:59.733** | **G7INCHEMIS03-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** | |
| **79** | **97** | **93** | **18:04:09.733** | **G7INTHRMAL03-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** | |
| 80 | 97 | 93 | 18:04:27.733 | 125DL | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,897,066:84:0 | |
| 81 | 97 | 93 | 18:04:27.733 | 125DL11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,897,066:84:0 | |
| 82 | 97 | 93 | 18:04:27.733 | 127DL | NIMSTAB | GS | %%%%% GROUP START TAB | 2R3 | 4 | 0 | 3,897,066:84:0 | |
| **83** | **97** | **93** | **18:04:27.733** | **125DL4A** | **37IST** | **0,2,0,OFF,0,1,1** | **Gain State 4** | **4R3** | **4** | **0** | **3,897,066:84:0** | |
| **84** | **97** | **93** | **18:04:28.400** | **127DL4A** | **37ETB** | **04,C4,35,FF,FF** | **Loads wavelength edit table** | **4R3** | **4** | **0** | **3,897,066:85:0** | |
| 85 | 97 | 93 | 18:04:31.066 | 165DL4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,897,066:89:0 | |
| 86 | 97 | 93 | 18:04:31.733 | 165DL4B | 7SCAN | NORM,257.875,-24 | Check S/P Position | 4R3 | 4 | 0 | 3,897,066:90:0 | |
| 87 | 97 | 93 | 18:04:36.400 | 127DL11A | NIMSTAB | GE | %%%%% GROUP END TAB | 4R3 | 4 | 0 | 3,897,067:06:0 | |
| 88 | 97 | 93 | 18:05:19.066 | 175DL422A6A | 6DMSC | R28,1 | DMS Control | 4R3 | 4 | 0 | 3,897,067:70:0 | |
| 89 | 97 | 93 | 18:05:23.733 | 117DL | **CSMOS** | GS | ***** GROUP START CSMOS | 4R3 | 4 | 0 | 3,897,067:77:0 | |
| 90 | 97 | 93 | 18:05:25.733 | | DMS: | : *RUNUP | R28, TRACK 1, FWD, TIC 2862.32 +/- 1 | 4R3 | 4 | 0 | 3,897,067:80:0 | |
| 91 | 97 | 93 | 18:05:29.733 | 175DL176A6A | 6TMREC | **MPW** | 28.8 KBPS PWS + NIMS RECORD Record Mode C | 4R3 | 4 | 0 | 3,897,067:86:0 | |
| 92 | 97 | 93 | 18:05:29.733 | | DMS: | **: *RECORD** | R28, TRACK 1, FWD, TIC *2863.82 +/- 1 | 4R3 | 4 | 0 | 3,897,067:86:0 | |
| 93 | 97 | 93 | 18:05:29.733 | | DMS: | : *AT_SPD | R28, TRACK 1, FWD, TIC 2863.82 +/- 1 | 4R3 | 4 | 0 | 3,897,067:86:0 | |
| 94 | 97 | 93 | 18:05:33.066 | 117DL105A106A4A | **7STRP** | **0.0015,0.0,0,0,0** | **Slew =,0.02** | 4R3 | 4 | 0 | 3,897,068:00:0 | |
| 95 | 97 | 93 | 18:06:49.733 | 117DL11A | **CSMOS** | GE | ***** GROUP END CSMOS | 4R3 | 4 | 0 | 3,897,069:24:0 | |
| 96 | 97 | 93 | 18:06:51.066 | | DMS: | **: *RUNDOWN** | R28, TRACK 1, FWD, TIC *2935.30 +/- 1 | 4R3 | 4 | 0 | 3,897,069:26:0 | |
| 97 | 97 | 93 | 18:06:51.066 | 175DL422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R3 | 4 | 0 | 3,897,069:26:0 | |
| **98** | **97** | **93** | **18:07:00.400** | **G7INTHRMAL03-** | | **-----STOP-------** | | **4R3** | **4** | **0** | **: :** | |
| **99** | **97** | **93** | **18:07:20.400** | **G7INVOLCAN01-** | | **-----START------** | | **4R3** | **4** | **0** | **: :** | |
| 100 | 97 | 93 | 18:07:29.733 | 127DN | NIMSTAB | GS | %%%%% GROUP START TAB | 4R3 | 4 | 0 | 3,897,069:84:0 | |
| **101** | **97** | **93** | **18:07:30.400** | **127DN4A** | **37ETB** | **04,C4,35,FF,FF** | **Loads wavelength edit table** | **4R3** | **4** | **0** | **3,897,069:85:0** | |
| 102 | 97 | 93 | 18:07:33.066 | 165DN4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,897,069:89:0 | |
| 103 | 97 | 93 | 18:07:33.733 | 165DN4B | 7SCAN | NORM,257.911999, | Check S/P Position | 4R3 | 4 | 0 | 3,897,069:90:0 | |
| 104 | 97 | 93 | 18:07:38.400 | 127DN11A | NIMSTAB | GE | %%%%% GROUP END TAB | 4R3 | 4 | 0 | 3,897,070:06:0 | |
| 105 | 97 | 93 | 18:08:21.066 | 175DN422A6A | 6DMSC | R28,1 | DMS Control | 4R3 | 4 | 0 | 3,897,070:70:0 | |
| 106 | 97 | 93 | 18:08:25.733 | 117DN | **CSMOS** | GS | ***** GROUP START CSMOS | 4R3 | 4 | 0 | 3,897,070:77:0 | |
| 107 | 97 | 93 | 18:08:27.733 | | DMS: | : *RUNUP | R28, TRACK 1, FWD, TIC 2935.60 +/- 1 | 4R3 | 4 | 0 | 3,897,070:80:0 | |
| 108 | 97 | 93 | 18:08:31.733 | 175DN176A6A | 6TMREC | **MPW** | 28.8 KBPS PWS + NIMS RECORD Record Mode C | 4R3 | 4 | 0 | 3,897,070:86:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 109 | 97 | 93 | 18:08:31.733 | | DMS: | **: *RECORD** | R28, TRACK 1, FWD, TIC *2937.10 +/- 1 | 4R3 | 4 | 0 | 3,897,070:86:0 |
| 110 | 97 | 93 | 18:08:31.733 | | DMS: | : *AT_SPD | R28, TRACK 1, FWD, TIC 2937.10 +/- 1 | 4R3 | 4 | 0 | 3,897,070:86:0 |
| 111 | 97 | 93 | 18:08:35.066 | 117DN105A106A4A | **7STRP** | **-0.00225,0.0,0,0** | **Slew =,0.03** | 4R3 | 4 | 0 | 3,897,071:00:0 |
| 112 | 97 | 93 | 18:09:51.733 | 117DN11A | **CSMOS** | GE | ***** GROUP END CSMOS | 4R3 | 4 | 0 | 3,897,072:24:0 |
| 113 | 97 | 93 | 18:09:53.066 | | DMS: | **: *RUNDOWN** | R28, TRACK 1, FWD, TIC *3008.58 +/- 1 | 4R3 | 4 | 0 | 3,897,072:26:0 |
| 114 | 97 | 93 | 18:09:53.066 | 175DN422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R3 | 4 | 0 | 3,897,072:26:0 |
| **115** | **97** | **93** | **18:10:40.400** | **G7INVOLCAN01-** | | **-----STOP-------** | | **4R3** | **4** | **0** | **: :** |
| **116** | **97** | **93** | **18:10:47.067** | **G7NNHEALTH02-** | | **-----START------** | | **4R3** | **4** | **0** | **: :** |
| **117** | **97** | **93** | **18:11:32.400** | **125KD4A** | **37IST** | **0,2,0,OFF,0,1,0** | **Gain State 2** | **2R3** | **4** | **0** | **3,897,073:84:0** |
| 118 | 97 | 93 | 18:11:32.400 | 125KD11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,897,073:84:0 |
| 119 | 97 | 93 | 18:11:32.400 | 125KD | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,897,073:84:0 |
| 120 | 97 | 93 | 18:12:33.066 | 127KD | NIMSTAB | GS | %%%%% GROUP START TAB | 2R3 | 4 | 0 | 3,897,074:84:0 |
| **121** | **97** | **93** | **18:12:33.733** | **127KD4A** | **37ETB** | **07,C7,02,80,44,3** | **Loads wavelength edit table** | **2R3** | **4** | **0** | **3,897,074:85:0** |
| 122 | 97 | 93 | 18:12:41.733 | 127KD11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R3 | 4 | 0 | 3,897,075:06:0 |
| **123** | **97** | **93** | **18:12:57.733** | **432EH6A** | **6RTSL2** | **NIMSEL,AACNCG,RT** | **NIMS R/T SELECT** | **2R3** | **4** | **0** | **3,897,075:30:0** |
| **124** | **97** | **93** | **18:13:57.066** | **432EI6A** | **6RTDS2** | **NIMDSL,AACNCG,RT** | **NIMS R/T DESELECT** | **2R3** | **4** | **0** | **3,897,076:28:0** |
| **125** | **97** | **93** | **18:16:44.400** | **G7NNHEALTH02-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** |
| 126 | 97 | 93 | 19:52:11.733 | 488AS6D | 6TMSED | NORM,GL6 | Sci, Eng, and D/L Chan | 2R3 | 4 | 0 | 3,897,173:43:0 |
| **127** | **97** | **93** | **20:42:20.400** | **G7NNNIMSLD02-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** |
| **128** | **97** | **93** | **20:43:21.066** | **20EC6A** | **6CKSUM** | **NIMS** | **NIMS,1000,14BC** | **2R3** | **4** | **0** | **3,897,224:06:0** |
| **129** | **97** | **93** | **20:44:21.733** | **20EC5A** | **37PL** | | **Program Load (halts microprocessor & unwri** | **2R3** | **4** | **0** | **3,897,225:06:0** |
| **130** | **97** | **93** | **20:45:22.400** | **20EC5B** | **37MRL** | | **Memory Realocate (software operates from R** | **2R3** | **4** | **0** | **3,897,226:06:0** |
| **131** | **97** | **93** | **20:46:23.066** | **20EC6B** | **6MCOPY** | **NIMS** | **NIMS,1000,LLM1A,7300,77F7** | **2R3** | **4** | **0** | **3,897,227:06:0** |
| **132** | **97** | **93** | **20:47:23.733** | **20EC6C** | **6MCOPY** | **NIMS** | **NIMS,1598,LLM1A,77F8,781D** | **2R3** | **4** | **0** | **3,897,228:06:0** |
| **133** | **97** | **93** | **20:48:24.400** | **20EC5C** | **37IRT** | | **Instrument Reset (goes into POR state)** | **260** | **4** | **0** | **3,897,229:06:0** |
| **134** | **97** | **93** | **20:49:25.066** | **20EC5D** | **37MN** | | **Memory Normal (software operates from ROM)** | **260** | **4** | **0** | **3,897,230:06:0** |
| **135** | **97** | **93** | **20:50:25.733** | **20EC4A** | **37IST** | **1,2,0,OFF,0,0,0** | **Chopper ON, Sync, Chopper (Ref)** | **2R0** | **4** | **0** | **3,897,231:06:0** |
| **136** | **97** | **93** | **20:51:26.400** | **20EC4B** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **2R3** | **4** | **0** | **3,897,232:06:0** |
| **137** | **97** | **93** | **20:52:27.067** | **G7NNNIMSLD02-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** |
| **138** | **97** | **93** | **20:53:14.400** | **G7INVOLCAN02-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** |
| 139 | 97 | 93 | 20:53:22.400 | 165DU4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,897,233:89:0 |
| 140 | 97 | 93 | 20:53:23.066 | 165DU4B | 7SCAN | NORM,253.001999, | Check S/P Position | 2R3 | 4 | 0 | 3,897,233:90:0 |
| **141** | **97** | **93** | **20:55:20.400** | **125DU4A** | **37IST** | **0,2,0,OFF,0,1,1** | **Gain State 4** | **4R3** | **4** | **0** | **3,897,235:84:0** |
| 142 | 97 | 93 | 20:55:20.400 | 125DU11A | NIMSINIT | GE | ##### GROUP END INIT | 4R3 | 4 | 0 | 3,897,235:84:0 |
| 143 | 97 | 93 | 20:55:20.400 | 125DU | NIMSINIT | GS | ##### GROUP START INIT | 4R3 | 4 | 0 | 3,897,235:84:0 |
| 144 | 97 | 93 | 20:56:21.066 | 127DU | NIMSTAB | GS | %%%%% GROUP START TAB | 4R3 | 4 | 0 | 3,897,236:84:0 |
| **145** | **97** | **93** | **20:56:21.066** | **127DU4A** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **4R3** | **4** | **0** | **3,897,236:84:0** |
| **146** | **97** | **93** | **20:56:21.733** | **127DU4B** | **37ETB** | **07,C7,03,81,00,0** | **Loads wavelength edit table** | **4R3** | **4** | **0** | **3,897,236:85:0** |
| 147 | 97 | 93 | 20:56:29.733 | 127DU11A | NIMSTAB | GE | %%%%% GROUP END TAB | 4R3 | 4 | 0 | 3,897,237:06:0 |
| 148 | 97 | 93 | 20:57:15.066 | 175DU422A6A | 6DMSC | R7,1 | DMS Control Tape runup 7.68kbp | 4R3 | 4 | 0 | 3,897,237:74:0 |
| 149 | 97 | 93 | 20:57:17.066 | 117DU | **CSMOS** | GS | ***** GROUP START CSMOS | 4R3 | 4 | 0 | 3,897,237:77:0 |
| 150 | 97 | 93 | 20:57:21.733 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 3008.88 +/- 1 | 4R3 | 4 | 0 | 3,897,237:84:0 |
| 151 | 97 | 93 | 20:57:23.066 | 175DU176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 4R3 | 4 | 0 | 3,897,237:86:0 |
| 152 | 97 | 93 | 20:57:23.133 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC 3009.00 +/- 1 | 4R3 | 4 | 0 | 3,897,237:86:1 |
| 153 | 97 | 93 | 20:57:23.133 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *3009.00 +/- 1 | 4R3 | 4 | 0 | 3,897,237:86:1 |
| 154 | 97 | 93 | 20:57:26.400 | 117DU105A106A4A | **7STRP** | **-0.00275,0.0,0,0** | **Slew =,0.03** | 4R3 | 4 | 0 | 3,897,238:00:0 |
| 155 | 97 | 93 | 20:58:59.733 | 117DU11A | **CSMOS** | GE | ***** GROUP END CSMOS | 4R3 | 4 | 0 | 3,897,239:49:0 |
| 156 | 97 | 93 | 20:59:01.066 | 175DU6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 4R3 | 4 | 0 | 3,897,239:51:0 |
| 157 | 97 | 93 | 20:59:01.066 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *3031.96 +/- 1 | 4R3 | 4 | 0 | 3,897,239:51:0 |
| 158 | 97 | 93 | 20:59:01.066 | 175DU422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R3 | 4 | 0 | 3,897,239:51:0 |
| **159** | **97** | **93** | **20:59:11.733** | **G7INVOLCAN02-** | | **-----STOP-------** | | **4R3** | **4** | **0** | **: :** |
| **160** | **97** | **93** | **20:59:21.733** | **G7INTHRMAL04-** | | **-----START------** | | **4R3** | **4** | **0** | **: :** |
| 161 | 97 | 93 | 20:59:23.066 | 127DV | NIMSTAB | GS | %%%%% GROUP START TAB | 4R3 | 4 | 0 | 3,897,239:84:0 |
| **162** | **97** | **93** | **20:59:23.733** | **127DV4A** | **37ETB** | **04,C4,35,FF,FF** | **Loads wavelength edit table** | **4R3** | **4** | **0** | **3,897,239:85:0** |
| 163 | 97 | 93 | 20:59:26.400 | 165DV4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,897,239:89:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 164 | 97 | 93 | 20:59:27.066 | 165DV4B | 7SCAN | NORM,252.778,-23 | Check S/P Position | 4R3 | 4 | 0 | 3,897,239:90:0 |
| 165 | 97 | 93 | 20:59:31.733 | 127DV11A | NIMSTAB | GE | %%%%% GROUP END TAB | 4R3 | 4 | 0 | 3,897,240:06:0 |
| 166 | 97 | 93 | 21:00:14.400 | 175DV422A6A | 6DMSC | R28,1 | DMS Control | 4R3 | 4 | 0 | 3,897,240:70:0 |
| 167 | 97 | 93 | 21:00:19.066 | 117DV | **CSMOS** | GS | ***** GROUP START CSMOS | 4R3 | 4 | 0 | 3,897,240:77:0 |
| 168 | 97 | 93 | 21:00:21.066 | | DMS: | : *RUNUP | R28, TRACK 1, FWD, TIC 3032.02 +/- 1 | 4R3 | 4 | 0 | 3,897,240:80:0 |
| 169 | 97 | 93 | 21:00:25.066 | 175DV176A6A | 6TMREC | **MPW** | 28.8 KBPS PWS + NIMS RECORD Record Mode C | 4R3 | 4 | 0 | 3,897,240:86:0 |
| 170 | 97 | 93 | 21:00:25.066 | | DMS: | : *AT_SPD | R28, TRACK 1, FWD, TIC 3033.52 +/- 1 | 4R3 | 4 | 0 | 3,897,240:86:0 |
| 171 | 97 | 93 | 21:00:25.066 | | DMS: | **: *RECORD** | R28, TRACK 1, FWD, TIC *3033.52 +/- 1 | 4R3 | 4 | 0 | 3,897,240:86:0 |
| 172 | 97 | 93 | 21:00:28.400 | 117DV105A106A4A | **7STRP** | **0.0035,0.0,0,0,0** | **Slew =,0.03** | 4R3 | 4 | 0 | 3,897,241:00:0 |
| 173 | 97 | 93 | 21:02:26.400 | 117DV11A | **CSMOS** | GE | ***** GROUP END CSMOS | 4R3 | 4 | 0 | 3,897,242:86:0 |
| 174 | 97 | 93 | 21:02:27.733 | 175DV422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R3 | 4 | 0 | 3,897,242:88:0 |
| 175 | 97 | 93 | 21:02:27.733 | | DMS: | **: *RUNDOWN** | R28, TRACK 1, FWD, TIC *3141.33 +/- 1 | 4R3 | 4 | 0 | 3,897,242:88:0 |
| 176 | 97 | 93 | 21:02:28.400 | 165DW4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,897,242:89:0 |
| 177 | 97 | 93 | 21:02:29.066 | 165DW4B | 7SCAN | NORM,252.412998, | Check S/P Position | 4R3 | 4 | 0 | 3,897,242:90:0 |
| **178** | **97** | **93** | **21:02:29.733** | **G7INTHRMAL04-** | | **-----STOP-------** | | **4R3** | **4** | **0** | **: :** |
| **179** | **97** | **93** | **21:02:30.400** | **G7INHRSPEC01-** | | **-----START------** | | **4R3** | **4** | **0** | **: :** |
| 180 | 97 | 93 | 21:03:16.400 | 175DW422A6A | 6DMSC | R28,1 | DMS Control | 4R3 | 4 | 0 | 3,897,243:70:0 |
| 181 | 97 | 93 | 21:03:21.066 | 117DW | **CSMOS** | GS | ***** GROUP START CSMOS | 4R3 | 4 | 0 | 3,897,243:77:0 |
| 182 | 97 | 93 | 21:03:23.066 | | DMS: | : *RUNUP | R28, TRACK 1, FWD, TIC 3141.63 +/- 1 | 4R3 | 4 | 0 | 3,897,243:80:0 |
| 183 | 97 | 93 | 21:03:25.733 | 127DW | NIMSTAB | GS | %%%%% GROUP START TAB | 4R3 | 4 | 0 | 3,897,243:84:0 |
| **184** | **97** | **93** | **21:03:25.733** | **125DW4A** | **37IST** | **0,2,0,OFF,0,1,0** | **Gain State 2** | **2R3** | **4** | **0** | **3,897,243:84:0** |
| 185 | 97 | 93 | 21:03:25.733 | 125DW | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,897,243:84:0 |
| 186 | 97 | 93 | 21:03:25.733 | 125DW11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,897,243:84:0 |
| **187** | **97** | **93** | **21:03:26.400** | **127DW4A** | **37ETB** | **04,C4,35,FF,FF** | **Loads wavelength edit table** | **2R3** | **4** | **0** | **3,897,243:85:0** |
| 188 | 97 | 93 | 21:03:27.066 | 175DW176A6A | 6TMREC | **MPW** | 28.8 KBPS PWS + NIMS RECORD Record Mode C | 2R3 | 4 | 0 | 3,897,243:86:0 |
| 189 | 97 | 93 | 21:03:27.066 | | DMS: | : *AT_SPD | R28, TRACK 1, FWD, TIC 3143.13 +/- 1 | 2R3 | 4 | 0 | 3,897,243:86:0 |
| 190 | 97 | 93 | 21:03:27.066 | | DMS: | **: *RECORD** | R28, TRACK 1, FWD, TIC *3143.13 +/- 1 | 2R3 | 4 | 0 | 3,897,243:86:0 |
| 191 | 97 | 93 | 21:03:30.400 | 117DW105A106A4A | **7STRP** | **0.0053,0.0,0,0,0** | **Slew =,0.03** | 2R3 | 4 | 0 | 3,897,244:00:0 |
| **192** | **97** | **93** | **21:03:30.409** | **G7INHRSPEC01-** | **NIMPBK** | **301DO** | **MONITORING OF IO'S DAYSIDE** | **2R3** | **4** | **0** | **: :** |
| 193 | 97 | 93 | 21:03:34.400 | 127DW11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R3 | 4 | 0 | 3,897,244:06:0 |
| **194** | **97** | **93** | **21:04:53.076** | **G7INHRSPEC01-** | **NIMPBK** | **301KB** | **MONITORING OF IO'S DAYSIDE** | **2R3** | **4** | **0** | **: :** |
| **195** | **97** | **93** | **21:05:01.743** | **G7INHRSPEC01-** | **DESELC** | **300DO** | **MONITORING OF IO'S DAYSIDE** | **2R3** | **4** | **0** | **: :** |
| 196 | 97 | 93 | 21:06:28.400 | 117DW11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R3 | 4 | 0 | 3,897,246:85:0 |
| **197** | **97** | **93** | **21:06:28.409** | **G7INHRSPEC01-** | **DESELC** | **300KB** | **MONITORING OF IO'S DAYSIDE** | **2R3** | **4** | **0** | **: :** |
| 198 | 97 | 93 | 21:06:29.733 | | DMS: | **: *RUNDOWN** | R28, TRACK 1, FWD, TIC *3303.68 +/- 1 | 2R3 | 4 | 0 | 3,897,246:87:0 |
| 199 | 97 | 93 | 21:06:29.733 | 175DW422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,897,246:87:0 |
| **200** | **97** | **93** | **21:07:37.067** | **G7INHRSPEC01-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** |
| 201 | 97 | 93 | 21:09:33.066 | 165GJ4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,897,249:89:0 |
| 202 | 97 | 93 | 21:09:33.733 | 165GJ4B | 7SCAN | NORM,252.360998, | Check S/P Position | 2R3 | 4 | 0 | 3,897,249:90:0 |
| 203 | 97 | 93 | 21:10:25.733 | 117GJ | **CSMOS** | GS | ***** GROUP START CSMOS | 2R3 | 4 | 0 | 3,897,250:77:0 |
| 204 | 97 | 93 | 21:10:35.066 | 117GJ105A106A4A | 7STRP | 0.0065,0.0,0,0,0 | Slew =,0.04 | 2R3 | 4 | 0 | 3,897,251:00:0 |
| 205 | 97 | 93 | 21:10:35.066 | 176GJ6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 2R3 | 4 | 0 | 3,897,251:00:0 |
| 206 | 97 | 93 | 21:13:19.066 | 117GJ105A106A4B | 7STRP | -0.0072,-0.00125 | Slew =,3.71 | 2R3 | 4 | 0 | 3,897,253:64:0 |
| 207 | 97 | 93 | 21:13:25.733 | 117GJ105A106A4C | 7STRP | 0.0065,0.0,0,0,0 | Slew =,0.04 | 2R3 | 4 | 0 | 3,897,253:74:0 |
| 208 | 97 | 93 | 21:16:09.733 | 117GJ105A106A4D | 7STRP | -0.0072,-0.00125 | Slew =,3.71 | 2R3 | 4 | 0 | 3,897,256:47:0 |
| 209 | 97 | 93 | 21:16:16.400 | 117GJ105A106A4E | 7STRP | 0.0065,0.0,0,0,0 | Slew =,0.04 | 2R3 | 4 | 0 | 3,897,256:57:0 |
| 210 | 97 | 93 | 21:19:00.400 | 117GJ105A106A4F | 7STRP | -0.0072,-0.00125 | Slew =,3.71 | 2R3 | 4 | 0 | 3,897,259:30:0 |
| 211 | 97 | 93 | 21:19:07.066 | 117GJ105A106A4G | 7STRP | 0.0065,0.0,0,0,0 | Slew =,0.04 | 2R3 | 4 | 0 | 3,897,259:40:0 |
| **212** | **97** | **93** | **21:20:45.734** | **G7NNNIMSLD03-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** |
| **213** | **97** | **93** | **21:21:46.400** | **20ED6A** | **6CKSUM** | **NIMS** | **NIMS,1000,14BC** | **2R3** | **4** | **0** | **3,897,262:06:0** |
| 214 | 97 | 93 | 21:21:51.066 | 117GJ105A106A4H | 7STRP | -0.0072,-0.00125 | Slew =,3.71 | 2R3 | 4 | 0 | 3,897,262:13:0 |
| 215 | 97 | 93 | 21:21:57.733 | 117GJ105A106A4I | 7STRP | 0.0065,0.0,0,0,0 | Slew =,0.04 | 2R3 | 4 | 0 | 3,897,262:23:0 |
| **216** | **97** | **93** | **21:22:47.066** | **20ED5A** | **37PL** | | **Program Load (halts microprocessor & unwri** | **2R3** | **4** | **0** | **3,897,263:06:0** |
| **217** | **97** | **93** | **21:23:47.733** | **20ED5B** | **37MRL** | | **Memory Realocate (software operates from R** | **2R3** | **4** | **0** | **3,897,264:06:0** |
| 218 | 97 | 93 | 21:24:36.400 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 3303.98 +/- 1 | 2R3 | 4 | 0 | 3,897,264:79:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 219 | 97 | 93 | 21:24:37.800 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC *3304.10 +/- 1 | 2R3 | 4 | 0 | 3,897,264:81:1 | |
| 220 | 97 | 93 | 21:24:41.733 | 117GJ105A106A4J | 7STRP | -0.0072,-0.00125 | Slew =,3.71 | 2R3 | 4 | 0 | 3,897,264:87:0 | |
| **221** | **97** | **93** | **21:24:48.400** | **20ED6B** | **6MCOPY** | **NIMS** | **NIMS,1000,LLM1A,7300,77F7** | **2R3** | **4** | **0** | **3,897,265:06:0** | |
| 222 | 97 | 93 | 21:24:48.400 | 117GJ105A106A4K | 7STRP | 0.0065,0.0,0,0,0 | Slew =,0.04 | 2R3 | 4 | 0 | 3,897,265:06:0 | |
| 223 | 97 | 93 | 21:24:57.066 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *3308.61 +/- 1 | 2R3 | 4 | 0 | 3,897,265:19:0 | |
| 224 | 97 | 93 | 21:25:17.066 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *3313.30 +/- 1 | 2R3 | 4 | 0 | 3,897,265:49:0 | |
| **225** | **97** | **93** | **21:25:49.066** | **20ED6C** | **6MCOPY** | **NIMS** | **NIMS,1598,LLM1A,77F8,781D** | **2R3** | **4** | **0** | **3,897,266:06:0** | |
| **226** | **97** | **93** | **21:26:49.733** | **20ED5C** | **37IRT** | | **Instrument Reset (goes into POR state)** | **260** | **4** | **0** | **3,897,267:06:0** | |
| 227 | 97 | 93 | 21:27:32.400 | 117GJ105A106A4L | 7STRP | -0.0072,-0.00125 | Slew =,3.71 | 260 | 4 | 0 | 3,897,267:70:0 | |
| 228 | 97 | 93 | 21:27:39.066 | 117GJ105A106A4M | 7STRP | 0.0065,0.0,0,0,0 | Slew =,0.04 | 260 | 4 | 0 | 3,897,267:80:0 | |
| **229** | **97** | **93** | **21:27:50.400** | **20ED5D** | **37MN** | | **Memory Normal (software operates from ROM)** | **260** | **4** | **0** | **3,897,268:06:0** | |
| **230** | **97** | **93** | **21:28:51.066** | **20ED4A** | **37IST** | **1,2,0,OFF,0,0,0** | **Chopper ON, Sync, Chopper (Ref)** | **2R0** | **4** | **0** | **3,897,269:06:0** | |
| **231** | **97** | **93** | **21:29:51.733** | **20ED4B** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **2R3** | **4** | **0** | **3,897,270:06:0** | |
| 232 | 97 | 93 | 21:30:23.066 | 176GJ6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R3 | 4 | 0 | 3,897,270:53:0 | |
| 233 | 97 | 93 | 21:30:23.066 | 117GJ11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R3 | 4 | 0 | 3,897,270:53:0 | |
| 234 | 97 | 93 | 21:30:31.733 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 3313.36 +/- 1 | 2R3 | 4 | 0 | 3,897,270:66:0 | |
| 235 | 97 | 93 | 21:30:33.133 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC *3313.48 +/- 1 | 2R3 | 4 | 0 | 3,897,270:68:1 | |
| 236 | 97 | 93 | 21:30:35.066 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *3313.93 +/- 1 | 2R3 | 4 | 0 | 3,897,270:71:0 | |
| 237 | 97 | 93 | 21:30:46.400 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *3316.59 +/- 1 | 2R3 | 4 | 0 | 3,897,270:88:0 | |
| **238** | **97** | **93** | **21:30:52.400** | **G7JNPFC04101-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** | |
| **239** | **97** | **93** | **21:30:52.400** | **G7NNNIMSLD03-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** | |
| 240 | 97 | 93 | 21:31:47.733 | 165DK4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,897,271:89:0 | |
| 241 | 97 | 93 | 21:31:48.400 | 165DK4B | 7SCAN | NORM,277.667999, | Check S/P Position | 2R3 | 4 | 0 | 3,897,271:90:0 | |
| **242** | **97** | **93** | **21:34:46.400** | **127DK4A** | **37IOP** | **5,1** | **Short Map, Grating Start Position =01** | **2R5** | **4** | **1** | **3,897,274:84:0** | |
| 243 | 97 | 93 | 21:34:46.400 | 127DK | NIMSTAB | GS | %%%%% GROUP START TAB | 2R5 | 4 | 1 | 3,897,274:84:0 | |
| **244** | **97** | **93** | **21:34:47.066** | **127DK4B** | **37ETB** | | **Loads wavelength edit table** | **2R5** | **4** | **1** | **3,897,274:85:0** | |
| 245 | 97 | 93 | 21:34:55.066 | 127DK11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R5 | 4 | 1 | 3,897,275:06:0 | |
| 246 | 97 | 93 | 21:35:40.400 | 175DK422A6A | 6DMSC | R7,1 | DMS Control Tape runup 7.68kbp | 2R5 | 4 | 1 | 3,897,275:74:0 | |
| 247 | 97 | 93 | 21:35:42.400 | 117DK | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,897,275:77:0 | |
| 248 | 97 | 93 | 21:35:47.066 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 3316.65 +/- 1 | 2R5 | 4 | 1 | 3,897,275:84:0 | |
| 249 | 97 | 93 | 21:35:48.400 | 175DK176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R5 | 4 | 1 | 3,897,275:86:0 | |
| 250 | 97 | 93 | 21:35:48.466 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *3316.77 +/- 1 | 2R5 | 4 | 1 | 3,897,275:86:1 | |
| 251 | 97 | 93 | 21:35:48.466 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC 3316.77 +/- 1 | 2R5 | 4 | 1 | 3,897,275:86:1 | |
| 252 | 97 | 93 | 21:35:51.733 | 117DK105A106A4A | **7STRP** | **-0.0108,0.0,0,0,** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,897,276:00:0 | |
| **253** | **97** | **93** | **21:35:51.742** | **G7JNPFC04101-** | **NIMPBK** | **301DQ** | **JUPITER FEATURE TRACK 41 DEG PHA** | **2R5** | **4** | **1** | **: :** | |
| **254** | **97** | **93** | **21:37:31.075** | **G7JNPFC04101-** | **DESELC** | **300DQ** | **JUPITER FEATURE TRACK 41 DEG PHA** | **2R5** | **4** | **1** | **: :** | |
| 255 | 97 | 93 | 21:37:31.733 | 117DK11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,897,277:59:0 | |
| 256 | 97 | 93 | 21:37:33.066 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *3341.28 +/- 1 | 2R5 | 4 | 1 | 3,897,277:61:0 | |
| 257 | 97 | 93 | 21:37:33.066 | 175DK422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,897,277:61:0 | |
| 258 | 97 | 93 | 21:37:33.066 | 175DK6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,897,277:61:0 | |
| **259** | **97** | **93** | **21:37:57.067** | **G7JNPFC04101-** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** | |
| **260** | **97** | **93** | **21:51:05.734** | **G7JNFEAP4101-** | | **-----START------** | | **2R5** | **4** | **1** | **: :** | |
| 261 | 97 | 93 | 21:52:01.066 | 165DM4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,897,291:89:0 | |
| 262 | 97 | 93 | 21:52:01.733 | 165DM4B | 7SCAN | NORM,279.475998, | Check S/P Position | 2R5 | 4 | 1 | 3,897,291:90:0 | |
| 263 | 97 | 93 | 21:52:58.400 | 127DM | NIMSTAB | GS | %%%%% GROUP START TAB | 2R5 | 4 | 1 | 3,897,292:84:0 | |
| **264** | **97** | **93** | **21:52:59.066** | **127DM4A** | **37ETB** | | **Loads wavelength edit table** | **2R5** | **4** | **1** | **3,897,292:85:0** | |
| 265 | 97 | 93 | 21:53:07.066 | 127DM11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R5 | 4 | 1 | 3,897,293:06:0 | |
| 266 | 97 | 93 | 21:53:52.400 | 175DM422A6A | 6DMSC | R7,1 | DMS Control Tape runup 7.68kbp | 2R5 | 4 | 1 | 3,897,293:74:0 | |
| 267 | 97 | 93 | 21:53:54.400 | 117DM | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,897,293:77:0 | |
| 268 | 97 | 93 | 21:53:59.066 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 3341.34 +/- 1 | 2R5 | 4 | 1 | 3,897,293:84:0 | |
| 269 | 97 | 93 | 21:54:00.400 | 175DM176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R5 | 4 | 1 | 3,897,293:86:0 | |
| 270 | 97 | 93 | 21:54:00.466 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC 3341.46 +/- 1 | 2R5 | 4 | 1 | 3,897,293:86:1 | |
| 271 | 97 | 93 | 21:54:00.466 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *3341.46 +/- 1 | 2R5 | 4 | 1 | 3,897,293:86:1 | |
| 272 | 97 | 93 | 21:54:03.733 | 117DM105A106A4A | **7STRP** | **-0.032812,0.0,0,** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,897,294:00:0 | |
| **273** | **97** | **93** | **21:54:03.741** | **G7JNFEAP4101-** | **NIMPBK** | **301DR** | **JUPITER FTR AND PRTL TRK 41 DEG** | **2R5** | **4** | **1** | **: :** | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **274** | **97** | **93** | **21:59:01.741** | **G7JNFEAP4101-** | **DESELC** | **300DR** | **JUPITER FTR AND PRTL TRK 41 DEG** | **2R5** | **4** | **1** | **: :** | |
| 275 | 97 | 93 | 21:59:03.733 | 117DM11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,897,298:86:0 | |
| 276 | 97 | 93 | 21:59:05.066 | 175DM6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,897,298:88:0 | |
| 277 | 97 | 93 | 21:59:05.066 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *3412.86 +/- 1 | 2R5 | 4 | 1 | 3,897,298:88:0 | |
| 278 | 97 | 93 | 21:59:05.066 | 175DM422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,897,298:88:0 | |
| **279** | **97** | **93** | **21:59:11.067** | **G7JNFEAP4101-** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** | |
| **280** | **97** | **93** | **21:59:51.734** | **G7JNRTHOTS01-** | | **-----START------** | | **2R5** | **4** | **1** | **: :** | |
| **281** | **97** | **93** | **22:00:03.066** | **125LN4A** | **37MB** | **1B,1B,0,0,0,0** | **Selects mirror (spatial) edit table** | **2R5** | **4** | **1** | **3,897,299:84:0** | |
| 282 | 97 | 93 | 22:00:03.066 | 125LN11A | NIMSINIT | GE | ##### GROUP END INIT | 2R5 | 4 | 1 | 3,897,299:84:0 | |
| 283 | 97 | 93 | 22:00:03.066 | 125LN | NIMSINIT | GS | ##### GROUP START INIT | 2R5 | 4 | 1 | 3,897,299:84:0 | |
| 284 | 97 | 93 | 22:00:06.400 | 165FT4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,897,299:89:0 | |
| 285 | 97 | 93 | 22:00:07.066 | 165FT4B | 7SCAN | NORM,276.560997, | Check S/P Position | 2R5 | 4 | 1 | 3,897,299:90:0 | |
| **286** | **97** | **93** | **22:01:03.733** | **127LM4A** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **2R3** | **4** | **0** | **3,897,300:84:0** | |
| 287 | 97 | 93 | 22:01:03.733 | 127LM | NIMSTAB | GS | %%%%% GROUP START TAB | 2R3 | 4 | 0 | 3,897,300:84:0 | |
| **288** | **97** | **93** | **22:01:04.400** | **127LM4B** | **37ETB** | **04,C4,35,FF,FF** | **Loads wavelength edit table** | **2R3** | **4** | **0** | **3,897,300:85:0** | |
| 289 | 97 | 93 | 22:01:12.400 | 127LM11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R3 | 4 | 0 | 3,897,301:06:0 | |
| **290** | **97** | **93** | **22:01:28.400** | **432EW6A** | **6RTSL2** | **NIMSEL,AACNCG,RT** | **NIMS R/T SELECT** | **2R3** | **4** | **0** | **3,897,301:30:0** | |
| **291** | **97** | **93** | **22:02:27.733** | **432DV6A** | **6RTDS2** | **NIMDSL,AACNCG,RT** | **NIMS R/T DESELECT** | **2R3** | **4** | **0** | **3,897,302:28:0** | |
| 292 | 97 | 93 | 22:03:05.066 | 125LL | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,897,302:84:0 | |
| 293 | 97 | 93 | 22:03:05.066 | 125LL11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,897,302:84:0 | |
| **294** | **97** | **93** | **22:03:05.066** | **125LL4A** | **37MB** | **0,0,0,0,0,0** | **Selects mirror (spatial) edit table** | **2R3** | **4** | **0** | **3,897,302:84:0** | |
| **295** | **97** | **93** | **22:05:15.067** | **G7JNRTHOTS01-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** | |
| **296** | **97** | **93** | **22:29:31.066** | **G7INVOLCAN03-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** | |
| 297 | 97 | 93 | 22:30:26.400 | 165DY4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,897,329:89:0 | |
| 298 | 97 | 93 | 22:30:27.066 | 165DY4B | 7SCAN | NORM,252.126999, | Check S/P Position | 2R3 | 4 | 0 | 3,897,329:90:0 | |
| 299 | 97 | 93 | 22:32:24.400 | 125DY11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,897,331:84:0 | |
| 300 | 97 | 93 | 22:32:24.400 | 125DY | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,897,331:84:0 | |
| **301** | **97** | **93** | **22:32:24.400** | **125DY4A** | **37IST** | **0,2,0,OFF,0,1,1** | **Gain State 4** | **4R3** | **4** | **0** | **3,897,331:84:0** | |
| 302 | 97 | 93 | 22:33:25.066 | 127DY | NIMSTAB | GS | %%%%% GROUP START TAB | 4R3 | 4 | 0 | 3,897,332:84:0 | |
| **303** | **97** | **93** | **22:33:25.733** | **127DY4A** | **37ETB** | **07,C7,03,81,00,0** | **Loads wavelength edit table** | **4R3** | **4** | **0** | **3,897,332:85:0** | |
| 304 | 97 | 93 | 22:33:33.733 | 127DY11A | NIMSTAB | GE | %%%%% GROUP END TAB | 4R3 | 4 | 0 | 3,897,333:06:0 | |
| 305 | 97 | 93 | 22:34:19.066 | 175DY422A6A | 6DMSC | R7,1 | DMS Control Tape runup 7.68kbp | 4R3 | 4 | 0 | 3,897,333:74:0 | |
| 306 | 97 | 93 | 22:34:21.066 | 117DY | **CSMOS** | GS | ***** GROUP START CSMOS | 4R3 | 4 | 0 | 3,897,333:77:0 | |
| 307 | 97 | 93 | 22:34:25.733 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 3412.92 +/- 1 | 4R3 | 4 | 0 | 3,897,333:84:0 | |
| 308 | 97 | 93 | 22:34:27.066 | 175DY176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 4R3 | 4 | 0 | 3,897,333:86:0 | |
| 309 | 97 | 93 | 22:34:27.133 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *3413.04 +/- 1 | 4R3 | 4 | 0 | 3,897,333:86:1 | |
| 310 | 97 | 93 | 22:34:27.133 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC 3413.04 +/- 1 | 4R3 | 4 | 0 | 3,897,333:86:1 | |
| 311 | 97 | 93 | 22:34:30.400 | 117DY105A106A4A | **7STRP** | **-0.00225,0.0,0,0** | **Slew =,0.03** | 4R3 | 4 | 0 | 3,897,334:00:0 | |
| 312 | 97 | 93 | 22:35:47.066 | 117DY11A | **CSMOS** | GE | ***** GROUP END CSMOS | 4R3 | 4 | 0 | 3,897,335:24:0 | |
| 313 | 97 | 93 | 22:35:48.400 | 175DY422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R3 | 4 | 0 | 3,897,335:26:0 | |
| 314 | 97 | 93 | 22:35:48.400 | 175DY6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 4R3 | 4 | 0 | 3,897,335:26:0 | |
| 315 | 97 | 93 | 22:35:48.400 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *3432.08 +/- 1 | 4R3 | 4 | 0 | 3,897,335:26:0 | |
| **316** | **97** | **93** | **22:36:35.733** | **G7INVOLCAN03-** | | **-----STOP-------** | | **4R3** | **4** | **0** | **: :** | |
| **317** | **97** | **93** | **22:36:35.733** | **G7NNNIMSLD04-** | | **-----START------** | | **4R3** | **4** | **0** | **: :** | |
| **318** | **97** | **93** | **22:37:36.400** | **20EE6A** | **6CKSUM** | **NIMS** | **NIMS,1000,14BC** | **4R3** | **4** | **0** | **3,897,337:06:0** | |
| **319** | **97** | **93** | **22:38:37.066** | **20EE5A** | **37PL** | | **Program Load (halts microprocessor & unwri** | **4R3** | **4** | **0** | **3,897,338:06:0** | |
| **320** | **97** | **93** | **22:39:37.733** | **20EE5B** | **37MRL** | | **Memory Realocate (software operates from R** | **4R3** | **4** | **0** | **3,897,339:06:0** | |
| **321** | **97** | **93** | **22:40:38.400** | **20EE6B** | **6MCOPY** | **NIMS** | **NIMS,1000,LLM1A,7300,77F7** | **4R3** | **4** | **0** | **3,897,340:06:0** | |
| **322** | **97** | **93** | **22:41:39.066** | **20EE6C** | **6MCOPY** | **NIMS** | **NIMS,1598,LLM1A,77F8,781D** | **4R3** | **4** | **0** | **3,897,341:06:0** | |
| **323** | **97** | **93** | **22:42:39.733** | **20EE5C** | **37IRT** | | **Instrument Reset (goes into POR state)** | **260** | **4** | **0** | **3,897,342:06:0** | |
| **324** | **97** | **93** | **22:43:40.400** | **20EE5D** | **37MN** | | **Memory Normal (software operates from ROM)** | **260** | **4** | **0** | **3,897,343:06:0** | |
| **325** | **97** | **93** | **22:44:41.066** | **20EE4A** | **37IST** | **1,2,0,OFF,0,0,0** | **Chopper ON, Sync, Chopper (Ref)** | **2R0** | **4** | **0** | **3,897,344:06:0** | |
| **326** | **97** | **93** | **22:45:41.733** | **G7INVOLCAN04-** | | **-----START------** | | **2R0** | **4** | **0** | **: :** | |
| **327** | **97** | **93** | **22:45:41.733** | **G7NNNIMSLD04-** | | **-----STOP-------** | | **2R0** | **4** | **0** | **: :** | |
| **328** | **97** | **93** | **22:45:41.733** | **20EE4B** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **2R3** | **4** | **0** | **3,897,345:06:0** | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 329 | 97 | 93 | 22:46:37.066 | 165DZ4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,897,345:89:0 |
| 330 | 97 | 93 | 22:46:37.733 | 165DZ4B | 7SCAN | NORM,252.064999, | Check S/P Position | 2R3 | 4 | 0 | 3,897,345:90:0 |
| 331 | 97 | 93 | 22:47:34.400 | 125LK | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,897,346:84:0 |
| 332 | 97 | 93 | 22:47:34.400 | 125LK11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,897,346:84:0 |
| **333** | **97** | **93** | **22:47:34.400** | **125LK4A** | **37IST** | **0,2,0,OFF,0,1,1** | **Gain State 4** | **4R3** | **4** | **0** | **3,897,346:84:0** |
| 334 | 97 | 93 | 22:48:35.066 | 127LK | NIMSTAB | GS | %%%%% GROUP START TAB | 4R3 | 4 | 0 | 3,897,347:84:0 |
| **335** | **97** | **93** | **22:48:35.733** | **127LK4A** | **37ETB** | **07,C7,03,81,00,0** | **Loads wavelength edit table** | **4R3** | **4** | **0** | **3,897,347:85:0** |
| 336 | 97 | 93 | 22:48:43.733 | 127LK11A | NIMSTAB | GE | %%%%% GROUP END TAB | 4R3 | 4 | 0 | 3,897,348:06:0 |
| 337 | 97 | 93 | 22:49:29.066 | 175DZ422A6A | 6DMSC | R7,1 | DMS Control Tape runup 7.68kbp | 4R3 | 4 | 0 | 3,897,348:74:0 |
| 338 | 97 | 93 | 22:49:31.066 | 117DZ | **CSMOS** | GS | ***** GROUP START CSMOS | 4R3 | 4 | 0 | 3,897,348:77:0 |
| 339 | 97 | 93 | 22:49:35.733 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 3432.14 +/- 1 | 4R3 | 4 | 0 | 3,897,348:84:0 |
| 340 | 97 | 93 | 22:49:37.066 | 175DZ176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 4R3 | 4 | 0 | 3,897,348:86:0 |
| 341 | 97 | 93 | 22:49:37.133 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC 3432.26 +/- 1 | 4R3 | 4 | 0 | 3,897,348:86:1 |
| 342 | 97 | 93 | 22:49:37.133 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *3432.26 +/- 1 | 4R3 | 4 | 0 | 3,897,348:86:1 |
| 343 | 97 | 93 | 22:49:40.400 | 117DZ105A106A4A | **7STRP** | **0.00115,0.0,0,0,** | **Slew =,0.02** | 4R3 | 4 | 0 | 3,897,349:00:0 |
| 344 | 97 | 93 | 22:50:41.066 | 117DZ11A | **CSMOS** | GE | ***** GROUP END CSMOS | 4R3 | 4 | 0 | 3,897,350:00:0 |
| 345 | 97 | 93 | 22:50:42.400 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *3447.56 +/- 1 | 4R3 | 4 | 0 | 3,897,350:02:0 |
| 346 | 97 | 93 | 22:50:42.400 | 175DZ422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R3 | 4 | 0 | 3,897,350:02:0 |
| 347 | 97 | 93 | 22:50:42.400 | 175DZ6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 4R3 | 4 | 0 | 3,897,350:02:0 |
| **348** | **97** | **93** | **22:50:45.066** | **G7INVOLCAN04-** | | **-----STOP-------** | | **4R3** | **4** | **0** | **: :** |
| **349** | **97** | **93** | **22:50:45.066** | **G7JNFEASUB01-** | | **-----START------** | | **4R3** | **4** | **0** | **: :** |
| 350 | 97 | 93 | 22:51:40.400 | 165DO4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,897,350:89:0 |
| 351 | 97 | 93 | 22:51:41.066 | 165DO4B | 7SCAN | NORM,278.882,-23 | Check S/P Position | 4R3 | 4 | 0 | 3,897,350:90:0 |
| **352** | **97** | **93** | **22:52:37.733** | **125DO4A** | **37IST** | **0,2,0,OFF,0,1,0** | **Gain State 2** | **2R3** | **4** | **0** | **3,897,351:84:0** |
| 353 | 97 | 93 | 22:52:37.733 | 125DO11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,897,351:84:0 |
| 354 | 97 | 93 | 22:52:37.733 | 125DO | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,897,351:84:0 |
| 355 | 97 | 93 | 22:53:38.400 | 127DO | NIMSTAB | GS | %%%%% GROUP START TAB | 2R3 | 4 | 0 | 3,897,352:84:0 |
| **356** | **97** | **93** | **22:53:39.066** | **127DO4A** | **37ETB** | | **Loads wavelength edit table** | **2R3** | **4** | **0** | **3,897,352:85:0** |
| 357 | 97 | 93 | 22:53:47.066 | 127DO11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R3 | 4 | 0 | 3,897,353:06:0 |
| 358 | 97 | 93 | 22:54:32.400 | 175DO422A6A | 6DMSC | R7,1 | DMS Control Tape runup 7.68kbp | 2R3 | 4 | 0 | 3,897,353:74:0 |
| 359 | 97 | 93 | 22:54:34.400 | 117DO | **CSMOS** | GS | ***** GROUP START CSMOS | 2R3 | 4 | 0 | 3,897,353:77:0 |
| 360 | 97 | 93 | 22:54:39.066 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 3447.62 +/- 1 | 2R3 | 4 | 0 | 3,897,353:84:0 |
| 361 | 97 | 93 | 22:54:40.400 | 175DO176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R3 | 4 | 0 | 3,897,353:86:0 |
| 362 | 97 | 93 | 22:54:40.466 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *3447.74 +/- 1 | 2R3 | 4 | 0 | 3,897,353:86:1 |
| 363 | 97 | 93 | 22:54:40.466 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC 3447.74 +/- 1 | 2R3 | 4 | 0 | 3,897,353:86:1 |
| 364 | 97 | 93 | 22:54:43.733 | 117DO105A106A4A | **7STRP** | **-0.0108,0.0,0,0,** | **Slew =,0.03** | 2R3 | 4 | 0 | 3,897,354:00:0 |
| **365** | **97** | **93** | **22:54:43.739** | **G7JNFEASUB01-** | **NIMPBK** | **301DU** | **JUPITER CAMPAIGN FEATURE SUB-SPE** | **2R3** | **4** | **0** | **: :** |
| **366** | **97** | **93** | **23:00:03.739** | **G7JNFEASUB01-** | **DESELC** | **300DU** | **JUPITER CAMPAIGN FEATURE SUB-SPE** | **2R3** | **4** | **0** | **: :** |
| 367 | 97 | 93 | 23:00:47.733 | 117DO11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R3 | 4 | 0 | 3,897,360:00:0 |
| 368 | 97 | 93 | 23:00:49.066 | 175DO422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,897,360:02:0 |
| 369 | 97 | 93 | 23:00:49.066 | 175DO6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R3 | 4 | 0 | 3,897,360:02:0 |
| 370 | 97 | 93 | 23:00:49.066 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *3534.13 +/- 1 | 2R3 | 4 | 0 | 3,897,360:02:0 |
| **371** | **97** | **93** | **23:00:51.733** | **G7JNFEASUB01-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** |
| **372** | **97** | **93** | **23:03:53.733** | **G7JNFEAP4102-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** |
| 373 | 97 | 93 | 23:04:49.066 | 165DP4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,897,363:89:0 |
| 374 | 97 | 93 | 23:04:49.733 | 165DP4B | 7SCAN | NORM,280.345997, | Check S/P Position | 2R3 | 4 | 0 | 3,897,363:90:0 |
| 375 | 97 | 93 | 23:07:47.733 | 127DP | NIMSTAB | GS | %%%%% GROUP START TAB | 2R3 | 4 | 0 | 3,897,366:84:0 |
| **376** | **97** | **93** | **23:07:47.733** | **127DP4A** | **37IOP** | **5,1** | **Short Map, Grating Start Position =01** | **2R5** | **4** | **1** | **3,897,366:84:0** |
| **377** | **97** | **93** | **23:07:48.400** | **127DP4B** | **37ETB** | | **Loads wavelength edit table** | **2R5** | **4** | **1** | **3,897,366:85:0** |
| 378 | 97 | 93 | 23:07:56.400 | 127DP11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R5 | 4 | 1 | 3,897,367:06:0 |
| 379 | 97 | 93 | 23:08:41.733 | 175DP422A6A | 6DMSC | R7,1 | DMS Control Tape runup 7.68kbp | 2R5 | 4 | 1 | 3,897,367:74:0 |
| 380 | 97 | 93 | 23:08:43.733 | 117DP | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,897,367:77:0 |
| 381 | 97 | 93 | 23:08:48.400 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 3534.19 +/- 1 | 2R5 | 4 | 1 | 3,897,367:84:0 |
| 382 | 97 | 93 | 23:08:49.733 | 175DP176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R5 | 4 | 1 | 3,897,367:86:0 |
| 383 | 97 | 93 | 23:08:49.800 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *3534.31 +/- 1 | 2R5 | 4 | 1 | 3,897,367:86:1 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 384 | 97 | 93 | 23:08:49.800 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC 3534.31 +/- 1 | 2R5 | 4 | 1 | 3,897,367:86:1 |
| 385 | 97 | 93 | 23:08:53.066 | 117DP105A106A4A | **7STRP** | **-0.032812,0.0,0,** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,897,368:00:0 |
| **386** | **97** | **93** | **23:08:53.071** | **G7JNFEAP4102-** | **NIMPBK** | **301DV** | **JUPITER FTR AND PRTL TRK 41 DEG** | **2R5** | **4** | **1** | **: :** |
| **387** | **97** | **93** | **23:13:52.404** | **G7JNFEAP4102-** | **DESELC** | **300DV** | **JUPITER FTR AND PRTL TRK 41 DEG** | **2R5** | **4** | **1** | **: :** |
| 388 | 97 | 93 | 23:13:53.066 | 117DP11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,897,372:86:0 |
| 389 | 97 | 93 | 23:13:54.400 | 175DP422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,897,372:88:0 |
| 390 | 97 | 93 | 23:13:54.400 | 175DP6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,897,372:88:0 |
| 391 | 97 | 93 | 23:13:54.400 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *3605.70 +/- 1 | 2R5 | 4 | 1 | 3,897,372:88:0 |
| **392** | **97** | **93** | **23:14:00.400** | **G7JNFEAP4102-** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** |
| **393** | **97** | **93** | **23:14:47.733** | **G7JNPFTB4101-** | | **-----START------** | | **2R5** | **4** | **1** | **: :** |
| 394 | 97 | 93 | 23:14:55.733 | 165DQ4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,897,373:89:0 |
| 395 | 97 | 93 | 23:14:56.400 | 165DQ4B | 7SCAN | NORM,280.617996, | Check S/P Position | 2R5 | 4 | 1 | 3,897,373:90:0 |
| 396 | 97 | 93 | 23:17:47.733 | 175DQ422A6A | 6DMSC | R7,1 | DMS Control Tape runup 7.68kbp | 2R5 | 4 | 1 | 3,897,376:74:0 |
| 397 | 97 | 93 | 23:17:49.733 | 117DQ | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,897,376:77:0 |
| 398 | 97 | 93 | 23:17:54.400 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 3605.76 +/- 1 | 2R5 | 4 | 1 | 3,897,376:84:0 |
| 399 | 97 | 93 | 23:17:55.733 | 175DQ176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R5 | 4 | 1 | 3,897,376:86:0 |
| 400 | 97 | 93 | 23:17:55.800 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC 3605.88 +/- 1 | 2R5 | 4 | 1 | 3,897,376:86:1 |
| 401 | 97 | 93 | 23:17:55.800 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *3605.88 +/- 1 | 2R5 | 4 | 1 | 3,897,376:86:1 |
| 402 | 97 | 93 | 23:17:59.066 | 117DQ105A106A4A | **7STRP** | **-0.0108,0.0,0,0,** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,897,377:00:0 |
| **403** | **97** | **93** | **23:17:59.071** | **G7JNPFTB4101-** | **NIMPBK** | **301DW** | **JUPITER PARTIAL FTR. TRK. B 41 D** | **2R5** | **4** | **1** | **: :** |
| 404 | 97 | 93 | 23:19:39.066 | 117DQ105A106A4B | **7STRP** | **0.0112,-0.008001** | **Slew =12.01** | 2R5 | 4 | 1 | 3,897,378:59:0 |
| 405 | 97 | 93 | 23:19:52.400 | 117DQ105A106A4C | **7STRP** | **-0.0108,0.0,0,0,** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,897,378:79:0 |
| **406** | **97** | **93** | **23:21:31.738** | **G7JNPFTB4101-** | **DESELC** | **300DW** | **JUPITER PARTIAL FTR. TRK. B 41 D** | **2R5** | **4** | **1** | **: :** |
| 407 | 97 | 93 | 23:21:32.400 | 117DQ11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,897,380:47:0 |
| 408 | 97 | 93 | 23:21:33.733 | 175DQ6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,897,380:49:0 |
| 409 | 97 | 93 | 23:21:33.733 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *3656.96 +/- 1 | 2R5 | 4 | 1 | 3,897,380:49:0 |
| 410 | 97 | 93 | 23:21:33.733 | 175DQ422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,897,380:49:0 |
| **411** | **97** | **93** | **23:21:55.733** | **G7JNPFTB4101-** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** |
| **412** | **97** | **93** | **23:21:56.400** | **G7JNRTHOTS02-** | | **-----START------** | | **2R5** | **4** | **1** | **: :** |
| 413 | 97 | 93 | 23:21:57.066 | 125LV | NIMSINIT | GS | ##### GROUP START INIT | 2R5 | 4 | 1 | 3,897,380:84:0 |
| **414** | **97** | **93** | **23:21:57.066** | **125LV4A** | **37MB** | **1B,1B,0,0,0,0** | **Selects mirror (spatial) edit table** | **2R5** | **4** | **1** | **3,897,380:84:0** |
| 415 | 97 | 93 | 23:21:57.066 | 125LV11A | NIMSINIT | GE | ##### GROUP END INIT | 2R5 | 4 | 1 | 3,897,380:84:0 |
| 416 | 97 | 93 | 23:22:00.400 | 165FW4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,897,380:89:0 |
| 417 | 97 | 93 | 23:22:01.066 | 165FW4B | 7SCAN | NORM,281.399998, | Check S/P Position | 2R5 | 4 | 1 | 3,897,380:90:0 |
| 418 | 97 | 93 | 23:22:57.733 | 127LX | NIMSTAB | GS | %%%%% GROUP START TAB | 2R5 | 4 | 1 | 3,897,381:84:0 |
| **419** | **97** | **93** | **23:22:57.733** | **127LX4A** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **2R3** | **4** | **0** | **3,897,381:84:0** |
| **420** | **97** | **93** | **23:22:58.400** | **127LX4B** | **37ETB** | **04,C4,35,FF,FF** | **Loads wavelength edit table** | **2R3** | **4** | **0** | **3,897,381:85:0** |
| 421 | 97 | 93 | 23:23:06.400 | 127LX11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R3 | 4 | 0 | 3,897,382:06:0 |
| **422** | **97** | **93** | **23:23:22.400** | **432DG6A** | **6RTSL2** | **NIMSEL,AACNCG,RT** | **NIMS R/T SELECT** | **2R3** | **4** | **0** | **3,897,382:30:0** |
| **423** | **97** | **93** | **23:24:21.733** | **432DH6A** | **6RTDS2** | **NIMDSL,AACNCG,RT** | **NIMS R/T DESELECT** | **2R3** | **4** | **0** | **3,897,383:28:0** |
| 424 | 97 | 93 | 23:24:59.066 | 125LU | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,897,383:84:0 |
| 425 | 97 | 93 | 23:24:59.066 | 125LU11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,897,383:84:0 |
| **426** | **97** | **93** | **23:24:59.066** | **125LU4A** | **37MB** | **0,0,0,0,0,0** | **Selects mirror (spatial) edit table** | **2R3** | **4** | **0** | **3,897,383:84:0** |
| 427 | 97 | 93 | 23:25:02.400 | 165GG4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,897,383:89:0 |
| 428 | 97 | 93 | 23:25:03.066 | 165GG4B | 7SCAN | NORM,280.017998, | Check S/P Position | 2R3 | 4 | 0 | 3,897,383:90:0 |
| 429 | 97 | 93 | 23:26:55.733 | 117GG | **CSMOS** | GS | ***** GROUP START CSMOS | 2R3 | 4 | 0 | 3,897,385:77:0 |
| 430 | 97 | 93 | 23:27:05.066 | 117GG105A106A4A | 7STRP | 0.0,-0.017405,0, | Slew =,0.64 | 2R3 | 4 | 0 | 3,897,386:00:0 |
| 431 | 97 | 93 | 23:27:05.066 | 176GG6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 2R3 | 4 | 0 | 3,897,386:00:0 |
| 432 | 97 | 93 | 23:27:56.400 | 117GG105A106A4B | 7STRP | 0.0015,0.017505, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,386:77:0 |
| 433 | 97 | 93 | 23:28:07.066 | 117GG105A106A4C | 7STRP | 0.0,-0.017405,0, | Slew =,0.64 | 2R3 | 4 | 0 | 3,897,387:02:0 |
| **434** | **97** | **93** | **23:28:09.733** | **G7JNRTHOTS02-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** |
| 435 | 97 | 93 | 23:28:58.400 | 117GG105A106A4D | 7STRP | 0.0015,0.017505, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,387:79:0 |
| 436 | 97 | 93 | 23:29:09.066 | 117GG105A106A4E | 7STRP | 0.0,-0.017405,0, | Slew =,0.64 | 2R3 | 4 | 0 | 3,897,388:04:0 |
| 437 | 97 | 93 | 23:30:00.400 | 117GG105A106A4F | 7STRP | 0.0015,0.017505, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,388:81:0 |
| 438 | 97 | 93 | 23:30:11.066 | 117GG105A106A4G | 7STRP | 0.0,-0.017405,0, | Slew =,0.64 | 2R3 | 4 | 0 | 3,897,389:06:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 439 | 97 | 93 | 23:31:02.400 | 117GG105A106A4H | 7STRP | 0.0015,0.017505, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,389:83:0 |
| 440 | 97 | 93 | 23:31:13.066 | 117GG105A106A4I | 7STRP | 0.0,-0.017405,0, | Slew =,0.64 | 2R3 | 4 | 0 | 3,897,390:08:0 |
| 441 | 97 | 93 | 23:32:04.400 | 117GG105A106A4J | 7STRP | 0.0015,0.017505, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,390:85:0 |
| 442 | 97 | 93 | 23:32:15.066 | 117GG105A106A4K | 7STRP | 0.0,-0.017405,0, | Slew =,0.64 | 2R3 | 4 | 0 | 3,897,391:10:0 |
| 443 | 97 | 93 | 23:33:06.400 | 117GG105A106A4L | 7STRP | 0.0015,0.017505, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,391:87:0 |
| 444 | 97 | 93 | 23:33:17.066 | 117GG105A106A4M | 7STRP | 0.0,-0.017405,0, | Slew =,0.64 | 2R3 | 4 | 0 | 3,897,392:12:0 |
| 445 | 97 | 93 | 23:34:08.400 | 117GG105A106A4N | 7STRP | 0.0015,0.017505, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,392:89:0 |
| 446 | 97 | 93 | 23:34:19.066 | 117GG105A106A4O | 7STRP | 0.0,-0.017405,0, | Slew =,0.64 | 2R3 | 4 | 0 | 3,897,393:14:0 |
| 447 | 97 | 93 | 23:35:10.400 | 117GG105A106A4P | 7STRP | 0.0015,0.017505, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,394:00:0 |
| 448 | 97 | 93 | 23:35:21.066 | 117GG105A106A4Q | 7STRP | 0.0,-0.017405,0, | Slew =,0.64 | 2R3 | 4 | 0 | 3,897,394:16:0 |
| 449 | 97 | 93 | 23:36:12.400 | 117GG105A106A4R | 7STRP | 0.0015,0.017505, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,395:02:0 |
| 450 | 97 | 93 | 23:36:23.066 | 117GG105A106A4S | 7STRP | 0.0,-0.017405,0, | Slew =,0.64 | 2R3 | 4 | 0 | 3,897,395:18:0 |
| 451 | 97 | 93 | 23:37:14.400 | 117GG105A106A4T | 7STRP | 0.0015,0.017505, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,396:04:0 |
| 452 | 97 | 93 | 23:37:25.066 | 117GG105A106A4U | 7STRP | 0.0,-0.017405,0, | Slew =,0.64 | 2R3 | 4 | 0 | 3,897,396:20:0 |
| 453 | 97 | 93 | 23:38:16.400 | 117GG105A106A4V | 7STRP | 0.0015,0.017505, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,397:06:0 |
| 454 | 97 | 93 | 23:38:27.066 | 117GG105A106A4W | 7STRP | 0.0,-0.017405,0, | Slew =,0.64 | 2R3 | 4 | 0 | 3,897,397:22:0 |
| 455 | 97 | 93 | 23:39:18.400 | 117GG105A106A4X | 7STRP | 0.0015,0.017505, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,398:08:0 |
| 456 | 97 | 93 | 23:39:29.066 | 117GG105A106A4Y | 7STRP | 0.0,-0.017405,0, | Slew =,0.64 | 2R3 | 4 | 0 | 3,897,398:24:0 |
| 457 | 97 | 93 | 23:39:43.733 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 3657.02 +/- 1 | 2R3 | 4 | 0 | 3,897,398:46:0 |
| 458 | 97 | 93 | 23:39:45.133 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC *3657.14 +/- 1 | 2R3 | 4 | 0 | 3,897,398:48:1 |
| 459 | 97 | 93 | 23:40:04.400 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *3661.65 +/- 1 | 2R3 | 4 | 0 | 3,897,398:77:0 |
| 460 | 97 | 93 | 23:40:20.400 | 117GG105A106A4Z | 7STRP | 0.0015,0.017505, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,399:10:0 |
| 461 | 97 | 93 | 23:40:24.400 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *3666.34 +/- 1 | 2R3 | 4 | 0 | 3,897,399:16:0 |
| 462 | 97 | 93 | 23:40:31.066 | 117GG105A106A4AA | 7STRP | 0.0,-0.017405,0, | Slew =,0.64 | 2R3 | 4 | 0 | 3,897,399:26:0 |
| 463 | 97 | 93 | 23:41:22.400 | 117GG105A106A4AB | 7STRP | 0.0015,0.017505, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,400:12:0 |
| 464 | 97 | 93 | 23:41:33.066 | 117GG105A106A4AC | 7STRP | 0.0,-0.017405,0, | Slew =,0.64 | 2R3 | 4 | 0 | 3,897,400:28:0 |
| 465 | 97 | 93 | 23:42:24.400 | 117GG105A106A4AD | 7STRP | 0.0015,0.017505, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,401:14:0 |
| 466 | 97 | 93 | 23:42:35.066 | 117GG105A106A4AE | 7STRP | 0.0,-0.017405,0, | Slew =,0.64 | 2R3 | 4 | 0 | 3,897,401:30:0 |
| 467 | 97 | 93 | 23:43:26.400 | 117GG105A106A4AF | 7STRP | 0.0015,0.017505, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,402:16:0 |
| 468 | 97 | 93 | 23:43:37.066 | 117GG105A106A4AG | 7STRP | 0.0,-0.017405,0, | Slew =,0.64 | 2R3 | 4 | 0 | 3,897,402:32:0 |
| 469 | 97 | 93 | 23:44:28.400 | 117GG11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R3 | 4 | 0 | 3,897,403:18:0 |
| 470 | 97 | 93 | 23:44:59.733 | 488AT6A | 6TMSED | NORM,CL6 | Sci, Eng, and D/L Chan | 2R3 | 4 | 0 | 3,897,403:65:0 |
| 471 | 97 | 93 | 23:45:00.400 | 282NL432A431A6A | 6RCDSL | DDSNCG,PLSDSL,EP | Record Deselect (DDS o | 2R3 | 4 | 0 | 3,897,403:66:0 |
| 472 | 97 | 93 | 23:45:01.066 | 282NL432A6A | 6RTSL1 | | R/T Select of DDS and | 2R3 | 4 | 0 | 3,897,403:67:0 |
| 473 | 97 | 93 | 23:52:45.733 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 3666.40 +/- 1 | 2R3 | 4 | 0 | 3,897,411:36:0 |
| 474 | 97 | 93 | 23:52:47.133 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC *3666.52 +/- 1 | 2R3 | 4 | 0 | 3,897,411:38:1 |
| 475 | 97 | 93 | 23:53:06.400 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *3671.04 +/- 1 | 2R3 | 4 | 0 | 3,897,411:67:0 |
| 476 | 97 | 93 | 23:53:26.400 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *3675.72 +/- 1 | 2R3 | 4 | 0 | 3,897,412:06:0 |
| 477 | 97 | 94 | 00:05:48.400 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 3675.78 +/- 1 | 2R3 | 4 | 0 | 3,897,424:27:0 |
| 478 | 97 | 94 | 00:05:49.800 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC *3675.90 +/- 1 | 2R3 | 4 | 0 | 3,897,424:29:1 |
| 479 | 97 | 94 | 00:06:09.066 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *3680.42 +/- 1 | 2R3 | 4 | 0 | 3,897,424:58:0 |
| 480 | 97 | 94 | 00:06:29.066 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *3685.11 +/- 1 | 2R3 | 4 | 0 | 3,897,424:88:0 |
| **481** | **97** | **94** | **00:10:37.733** | **G7NNNIMSLD05-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** |
| **482** | **97** | **94** | **00:11:38.400** | **20EF6A** | **6CKSUM** | **NIMS** | **NIMS,1000,14BC** | **2R3** | **4** | **0** | **3,897,430:06:0** |
| **483** | **97** | **94** | **00:12:39.066** | **20EF5A** | **37PL** | | **Program Load (halts microprocessor & unwri** | **2R3** | **4** | **0** | **3,897,431:06:0** |
| **484** | **97** | **94** | **00:13:39.733** | **20EF5B** | **37MRL** | | **Memory Realocate (software operates from R** | **2R3** | **4** | **0** | **3,897,432:06:0** |
| **485** | **97** | **94** | **00:14:40.400** | **20EF6B** | **6MCOPY** | **NIMS** | **NIMS,1000,LLM1A,7300,77F7** | **2R3** | **4** | **0** | **3,897,433:06:0** |
| **486** | **97** | **94** | **00:15:41.066** | **20EF6C** | **6MCOPY** | **NIMS** | **NIMS,1598,LLM1A,77F8,781D** | **2R3** | **4** | **0** | **3,897,434:06:0** |
| **487** | **97** | **94** | **00:16:41.733** | **20EF5C** | **37IRT** | | **Instrument Reset (goes into POR state)** | **260** | **4** | **0** | **3,897,435:06:0** |
| **488** | **97** | **94** | **00:17:42.400** | **20EF5D** | **37MN** | | **Memory Normal (software operates from ROM)** | **260** | **4** | **0** | **3,897,436:06:0** |
| **489** | **97** | **94** | **00:18:43.066** | **20EF4A** | **37IST** | **1,2,0,OFF,0,0,0** | **Chopper ON, Sync, Chopper (Ref)** | **2R0** | **4** | **0** | **3,897,437:06:0** |
| 490 | 97 | 94 | 00:18:50.400 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 3685.17 +/- 1 | 2R0 | 4 | 0 | 3,897,437:17:0 |
| 491 | 97 | 94 | 00:18:51.800 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC *3685.29 +/- 1 | 2R0 | 4 | 0 | 3,897,437:19:1 |
| 492 | 97 | 94 | 00:19:11.066 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *3689.80 +/- 1 | 2R0 | 4 | 0 | 3,897,437:48:0 |
| 493 | 97 | 94 | 00:19:31.066 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *3694.49 +/- 1 | 2R0 | 4 | 0 | 3,897,437:78:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **494** | **97** | **94** | **00:19:43.733** | **20EF4B** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **2R3** | **4** | **0** | **3,897,438:06:0** |
| 495 | 97 | 94 | 00:20:40.400 | 176GG6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R3 | 4 | 0 | 3,897,439:00:0 |
| **496** | **97** | **94** | **00:20:44.400** | **G7JNPFTB4102-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** |
| **497** | **97** | **94** | **00:20:44.400** | **G7NNNIMSLD05-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** |
| 498 | 97 | 94 | 00:20:49.066 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 3694.55 +/- 1 | 2R3 | 4 | 0 | 3,897,439:13:0 |
| 499 | 97 | 94 | 00:20:50.466 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC *3694.67 +/- 1 | 2R3 | 4 | 0 | 3,897,439:15:1 |
| 500 | 97 | 94 | 00:20:52.400 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *3695.12 +/- 1 | 2R3 | 4 | 0 | 3,897,439:18:0 |
| 501 | 97 | 94 | 00:21:00.400 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *3697.00 +/- 1 | 2R3 | 4 | 0 | 3,897,439:30:0 |
| 502 | 97 | 94 | 00:21:39.733 | 165DR4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,897,439:89:0 |
| 503 | 97 | 94 | 00:21:40.400 | 165DR4B | 7SCAN | NORM,282.724998, | Check S/P Position | 2R3 | 4 | 0 | 3,897,439:90:0 |
| **504** | **97** | **94** | **00:23:37.733** | **127LB4A** | **37IOP** | **5,1** | **Short Map, Grating Start Position =01** | **2R5** | **4** | **1** | **3,897,441:84:0** |
| 505 | 97 | 94 | 00:23:37.733 | 127LB | NIMSTAB | GS | %%%%% GROUP START TAB | 2R5 | 4 | 1 | 3,897,441:84:0 |
| **506** | **97** | **94** | **00:23:38.400** | **127LB4B** | **37ETB** | | **Loads wavelength edit table** | **2R5** | **4** | **1** | **3,897,441:85:0** |
| 507 | 97 | 94 | 00:23:46.400 | 127LB11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R5 | 4 | 1 | 3,897,442:06:0 |
| 508 | 97 | 94 | 00:24:31.733 | 175DR422A6A | 6DMSC | R7,1 | DMS Control Tape runup 7.68kbp | 2R5 | 4 | 1 | 3,897,442:74:0 |
| 509 | 97 | 94 | 00:24:33.733 | 117DR | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,897,442:77:0 |
| 510 | 97 | 94 | 00:24:38.400 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 3697.06 +/- 1 | 2R5 | 4 | 1 | 3,897,442:84:0 |
| 511 | 97 | 94 | 00:24:39.733 | 175DR176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R5 | 4 | 1 | 3,897,442:86:0 |
| 512 | 97 | 94 | 00:24:39.800 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC 3697.18 +/- 1 | 2R5 | 4 | 1 | 3,897,442:86:1 |
| 513 | 97 | 94 | 00:24:39.800 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *3697.18 +/- 1 | 2R5 | 4 | 1 | 3,897,442:86:1 |
| 514 | 97 | 94 | 00:24:43.066 | 117DR105A106A4A | **7STRP** | **-0.0108,0.0,0,0,** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,897,443:00:0 |
| **515** | **97** | **94** | **00:24:43.068** | **G7JNPFTB4102-** | **NIMPBK** | **301DX** | **JUPITER PARTIAL FTR TRK B 41 DEG** | **2R5** | **4** | **1** | **: :** |
| 516 | 97 | 94 | 00:26:23.066 | 117DR105A106A4B | **7STRP** | **0.011501,-0.0080** | **Slew =12.01** | 2R5 | 4 | 1 | 3,897,444:59:0 |
| 517 | 97 | 94 | 00:26:36.400 | 117DR105A106A4C | **7STRP** | **-0.0108,0.0,0,0,** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,897,444:79:0 |
| **518** | **97** | **94** | **00:28:15.735** | **G7JNPFTB4102-** | **DESELC** | **300DX** | **JUPITER PARTIAL FTR TRK B 41 DEG** | **2R5** | **4** | **1** | **: :** |
| 519 | 97 | 94 | 00:28:16.400 | 117DR11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,897,446:47:0 |
| 520 | 97 | 94 | 00:28:17.733 | 175DR422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,897,446:49:0 |
| 521 | 97 | 94 | 00:28:17.733 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *3748.26 +/- 1 | 2R5 | 4 | 1 | 3,897,446:49:0 |
| 522 | 97 | 94 | 00:28:17.733 | 175DR6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,897,446:49:0 |
| **523** | **97** | **94** | **00:29:50.400** | **G7JNPFTB4102-** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** |
| **524** | **97** | **94** | **00:40:57.733** | **G7JNPFTD4101-** | | **-----START------** | | **2R5** | **4** | **1** | **: :** |
| 525 | 97 | 94 | 00:41:53.066 | 165DT4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,897,459:89:0 |
| 526 | 97 | 94 | 00:41:53.733 | 165DT4B | 7SCAN | NORM,282.538998, | Check S/P Position | 2R5 | 4 | 1 | 3,897,459:90:0 |
| 527 | 97 | 94 | 00:44:45.066 | 175DT422A6A | 6DMSC | R7,1 | DMS Control Tape runup 7.68kbp | 2R5 | 4 | 1 | 3,897,462:74:0 |
| 528 | 97 | 94 | 00:44:47.066 | 117DT | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,897,462:77:0 |
| 529 | 97 | 94 | 00:44:51.733 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 3748.32 +/- 1 | 2R5 | 4 | 1 | 3,897,462:84:0 |
| 530 | 97 | 94 | 00:44:53.066 | 175DT176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R5 | 4 | 1 | 3,897,462:86:0 |
| 531 | 97 | 94 | 00:44:53.133 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *3748.44 +/- 1 | 2R5 | 4 | 1 | 3,897,462:86:1 |
| 532 | 97 | 94 | 00:44:53.133 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC 3748.44 +/- 1 | 2R5 | 4 | 1 | 3,897,462:86:1 |
| 533 | 97 | 94 | 00:44:56.400 | 117DT105A106A4A | **7STRP** | **-0.0108,0.0,0,0,** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,897,463:00:0 |
| **534** | **97** | **94** | **00:44:56.400** | **G7JNPFTD4101-** | **NIMPBK** | **301DY** | **JUPITER PARTIAL FTR TRK B 41 DEG** | **2R5** | **4** | **1** | **: :** |
| 535 | 97 | 94 | 00:46:36.400 | 117DT105A106A4B | **7STRP** | **0.0114,-0.008001** | **Slew =12.01** | 2R5 | 4 | 1 | 3,897,464:59:0 |
| 536 | 97 | 94 | 00:46:49.733 | 117DT105A106A4C | **7STRP** | **-0.0108,0.0,0,0,** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,897,464:79:0 |
| **537** | **97** | **94** | **00:48:29.068** | **G7JNPFTD4101-** | **DESELC** | **300DY** | **JUPITER PARTIAL FTR TRK B 41 DEG** | **2R5** | **4** | **1** | **: :** |
| 538 | 97 | 94 | 00:48:29.733 | 117DT11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,897,466:47:0 |
| 539 | 97 | 94 | 00:48:31.066 | 175DT422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,897,466:49:0 |
| 540 | 97 | 94 | 00:48:31.066 | 175DT6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,897,466:49:0 |
| 541 | 97 | 94 | 00:48:31.066 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *3799.52 +/- 1 | 2R5 | 4 | 1 | 3,897,466:49:0 |
| **542** | **97** | **94** | **00:50:03.733** | **G7JNPFTD4101-** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** |
| **543** | **97** | **94** | **00:50:51.066** | **G7JNRTHOTS03-** | | **-----START------** | | **2R5** | **4** | **1** | **: :** |
| **544** | **97** | **94** | **00:50:55.733** | **125LS4A** | **37MB** | **1B,1B,0,0,0,0** | **Selects mirror (spatial) edit table** | **2R5** | **4** | **1** | **3,897,468:84:0** |
| 545 | 97 | 94 | 00:50:55.733 | 125LS11A | NIMSINIT | GE | ##### GROUP END INIT | 2R5 | 4 | 1 | 3,897,468:84:0 |
| 546 | 97 | 94 | 00:50:55.733 | 125LS | NIMSINIT | GS | ##### GROUP START INIT | 2R5 | 4 | 1 | 3,897,468:84:0 |
| 547 | 97 | 94 | 00:50:59.066 | 165FY4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,897,468:89:0 |
| 548 | 97 | 94 | 00:50:59.733 | 165FY4B | 7SCAN | NORM,286.105,-23 | Check S/P Position | 2R5 | 4 | 1 | 3,897,468:90:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **549** | **97** | **94** | **00:51:56.400** | **127LW4A** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **2R3** | **4** | **0** | **3,897,469:84:0** |
| 550 | 97 | 94 | 00:51:56.400 | 127LW | NIMSTAB | GS | %%%%% GROUP START TAB | 2R3 | 4 | 0 | 3,897,469:84:0 |
| **551** | **97** | **94** | **00:51:57.066** | **127LW4B** | **37ETB** | **04,C4,35,FF,FF** | **Loads wavelength edit table** | **2R3** | **4** | **0** | **3,897,469:85:0** |
| 552 | 97 | 94 | 00:52:05.066 | 127LW11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R3 | 4 | 0 | 3,897,470:06:0 |
| **553** | **97** | **94** | **00:52:21.066** | **432DI6A** | **6RTSL2** | **NIMSEL,AACNCG,RT** | **NIMS R/T SELECT** | **2R3** | **4** | **0** | **3,897,470:30:0** |
| **554** | **97** | **94** | **00:53:20.400** | **432DJ6A** | **6RTDS2** | **NIMDSL,AACNCG,RT** | **NIMS R/T DESELECT** | **2R3** | **4** | **0** | **3,897,471:28:0** |
| 555 | 97 | 94 | 00:53:57.733 | 125LR11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,897,471:84:0 |
| 556 | 97 | 94 | 00:53:57.733 | 125LR | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,897,471:84:0 |
| **557** | **97** | **94** | **00:53:57.733** | **125LR4A** | **37MB** | **0,0,0,0,0,0** | **Selects mirror (spatial) edit table** | **2R3** | **4** | **0** | **3,897,471:84:0** |
| **558** | **97** | **94** | **00:56:07.733** | **G7JNRTHOTS03-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** |
| **559** | **97** | **94** | **00:58:09.066** | **G7INVOLCAN05-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** |
| 560 | 97 | 94 | 00:59:04.400 | 165EA4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,897,476:89:0 |
| 561 | 97 | 94 | 00:59:05.066 | 165EA4B | 7SCAN | NORM,254.648998, | Check S/P Position | 2R3 | 4 | 0 | 3,897,476:90:0 |
| 562 | 97 | 94 | 01:01:02.400 | 125LC11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,897,478:84:0 |
| **563** | **97** | **94** | **01:01:02.400** | **125LC4A** | **37IST** | **0,2,0,OFF,0,1,1** | **Gain State 4** | **4R3** | **4** | **0** | **3,897,478:84:0** |
| 564 | 97 | 94 | 01:01:02.400 | 125LC | NIMSINIT | GS | ##### GROUP START INIT | 4R3 | 4 | 0 | 3,897,478:84:0 |
| 565 | 97 | 94 | 01:02:03.066 | 127LC | NIMSTAB | GS | %%%%% GROUP START TAB | 4R3 | 4 | 0 | 3,897,479:84:0 |
| **566** | **97** | **94** | **01:02:03.733** | **127LC4A** | **37ETB** | **04,C4,35,FF,FF** | **Loads wavelength edit table** | **4R3** | **4** | **0** | **3,897,479:85:0** |
| 567 | 97 | 94 | 01:02:11.733 | 127LC11A | NIMSTAB | GE | %%%%% GROUP END TAB | 4R3 | 4 | 0 | 3,897,480:06:0 |
| 568 | 97 | 94 | 01:02:54.400 | 175EA422A6A | 6DMSC | R28,1 | DMS Control | 4R3 | 4 | 0 | 3,897,480:70:0 |
| 569 | 97 | 94 | 01:02:59.066 | 117EA | **CSMOS** | GS | ***** GROUP START CSMOS | 4R3 | 4 | 0 | 3,897,480:77:0 |
| 570 | 97 | 94 | 01:03:01.066 | | DMS: | : *RUNUP | R28, TRACK 1, FWD, TIC 3799.58 +/- 1 | 4R3 | 4 | 0 | 3,897,480:80:0 |
| 571 | 97 | 94 | 01:03:05.066 | 175EA176A6A | 6TMREC | **MPW** | 28.8 KBPS PWS + NIMS RECORD Record Mode C | 4R3 | 4 | 0 | 3,897,480:86:0 |
| 572 | 97 | 94 | 01:03:05.066 | | DMS: | : *AT_SPD | R28, TRACK 1, FWD, TIC 3801.08 +/- 1 | 4R3 | 4 | 0 | 3,897,480:86:0 |
| 573 | 97 | 94 | 01:03:05.066 | | DMS: | **: *RECORD** | R28, TRACK 1, FWD, TIC *3801.08 +/- 1 | 4R3 | 4 | 0 | 3,897,480:86:0 |
| 574 | 97 | 94 | 01:03:08.400 | 117EA105A106A4A | **7STRP** | **-0.00115,0.0,0,0** | **Slew =,0.02** | 4R3 | 4 | 0 | 3,897,481:00:0 |
| **575** | **97** | **94** | **01:03:08.400** | **G7INVOLCAN05-** | **NIMPBK** | **301DZ** | **MONITORING OF SELECTED VOLCANIC** | **4R3** | **4** | **0** | **: :** |
| **576** | **97** | **94** | **01:04:08.400** | **G7INVOLCAN05-** | **DESELC** | **300DZ** | **MONITORING OF SELECTED VOLCANIC** | **4R3** | **4** | **0** | **: :** |
| 577 | 97 | 94 | 01:04:09.066 | 117EA11A | **CSMOS** | GE | ***** GROUP END CSMOS | 4R3 | 4 | 0 | 3,897,482:00:0 |
| 578 | 97 | 94 | 01:04:10.400 | 175EA422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R3 | 4 | 0 | 3,897,482:02:0 |
| 579 | 97 | 94 | 01:04:10.400 | | DMS: | **: *RUNDOWN** | R28, TRACK 1, FWD, TIC *3858.50 +/- 1 | 4R3 | 4 | 0 | 3,897,482:02:0 |
| **580** | **97** | **94** | **01:05:13.733** | **G7INVOLCAN05-** | | **-----STOP-------** | | **4R3** | **4** | **0** | **: :** |
| **581** | **97** | **94** | **01:10:17.066** | **G7HNDARK__02-** | | **-----START------** | | **4R3** | **4** | **0** | **: :** |
| 582 | 97 | 94 | 01:11:12.400 | 165DS4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,897,488:89:0 |
| 583 | 97 | 94 | 01:11:13.066 | 165DS4B | 7SCAN | NORM,307.48,-51. | Check S/P Position | 4R3 | 4 | 0 | 3,897,488:90:0 |
| **584** | **97** | **94** | **01:13:10.400** | **125DS4A** | **37IST** | **0,2,0,OFF,0,1,0** | **Gain State 2** | **2R3** | **4** | **0** | **3,897,490:84:0** |
| 585 | 97 | 94 | 01:13:10.400 | 125DS11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,897,490:84:0 |
| 586 | 97 | 94 | 01:13:10.400 | 125DS | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,897,490:84:0 |
| 587 | 97 | 94 | 01:14:11.066 | 127DS | NIMSTAB | GS | %%%%% GROUP START TAB | 2R3 | 4 | 0 | 3,897,491:84:0 |
| **588** | **97** | **94** | **01:14:11.733** | **127DS4A** | **37ETB** | **07,C7,05,FF,FF,3** | **Loads wavelength edit table** | **2R3** | **4** | **0** | **3,897,491:85:0** |
| 589 | 97 | 94 | 01:14:19.733 | 127DS11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R3 | 4 | 0 | 3,897,492:06:0 |
| 590 | 97 | 94 | 01:15:05.066 | 175DS422A6A | 6DMSC | R7,1 | DMS Control Tape runup 7.68kbp | 2R3 | 4 | 0 | 3,897,492:74:0 |
| 591 | 97 | 94 | 01:15:11.733 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 3858.80 +/- 1 | 2R3 | 4 | 0 | 3,897,492:84:0 |
| 592 | 97 | 94 | 01:15:13.066 | 175DS176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R3 | 4 | 0 | 3,897,492:86:0 |
| 593 | 97 | 94 | 01:15:13.133 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC 3858.92 +/- 1 | 2R3 | 4 | 0 | 3,897,492:86:1 |
| 594 | 97 | 94 | 01:15:13.133 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *3858.92 +/- 1 | 2R3 | 4 | 0 | 3,897,492:86:1 |
| **595** | **97** | **94** | **01:15:16.400** | **G7HNDARK__02-** | **NIMPBK** | **301EA** | **DARK OBSERVATION** | **2R3** | **4** | **0** | **: :** |
| **596** | **97** | **94** | **01:16:16.400** | **G7HNDARK__02-** | **DESELC** | **300EA** | **DARK OBSERVATION** | **2R3** | **4** | **0** | **: :** |
| 597 | 97 | 94 | 01:16:18.400 | 175DS422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,897,494:02:0 |
| 598 | 97 | 94 | 01:16:18.400 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *3874.21 +/- 1 | 2R3 | 4 | 0 | 3,897,494:02:0 |
| 599 | 97 | 94 | 01:16:18.400 | 175DS6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R3 | 4 | 0 | 3,897,494:02:0 |
| **600** | **97** | **94** | **01:17:08.399** | **G7HNDARK__02-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** |
| **601** | **97** | **94** | **01:17:15.066** | **G7INCHEMIS04-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** |
| 602 | 97 | 94 | 01:17:16.400 | 165EB4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,897,494:89:0 |
| 603 | 97 | 94 | 01:17:17.066 | 165EB4B | 7SCAN | NORM,254.858999, | Check S/P Position | 2R3 | 4 | 0 | 3,897,494:90:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 604 | 97 | 94 | 01:20:15.066 | 127EB | NIMSTAB | GS | %%%%% GROUP START TAB | 2R3 | 4 | 0 | 3,897,497:84:0 |
| **605** | **97** | **94** | **01:20:15.733** | **127EB4A** | **37ETB** | **07,C7,02,05,80,0** | **Loads wavelength edit table** | **2R3** | **4** | **0** | **3,897,497:85:0** |
| 606 | 97 | 94 | 01:20:23.733 | 127EB11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R3 | 4 | 0 | 3,897,498:06:0 |
| 607 | 97 | 94 | 01:21:09.066 | 175EB422A6A | 6DMSC | R7,1 | DMS Control Tape runup 7.68kbp | 2R3 | 4 | 0 | 3,897,498:74:0 |
| 608 | 97 | 94 | 01:21:11.066 | 117EB | **CSMOS** | GS | ***** GROUP START CSMOS | 2R3 | 4 | 0 | 3,897,498:77:0 |
| 609 | 97 | 94 | 01:21:15.733 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 3874.27 +/- 1 | 2R3 | 4 | 0 | 3,897,498:84:0 |
| 610 | 97 | 94 | 01:21:17.066 | 175EB176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R3 | 4 | 0 | 3,897,498:86:0 |
| 611 | 97 | 94 | 01:21:17.133 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC 3874.39 +/- 1 | 2R3 | 4 | 0 | 3,897,498:86:1 |
| 612 | 97 | 94 | 01:21:17.133 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *3874.39 +/- 1 | 2R3 | 4 | 0 | 3,897,498:86:1 |
| **613** | **97** | **94** | **01:21:20.399** | **G7INCHEMIS04-** | **NIMPBK** | **301ES** | **MONITORING OF IO'S DAYSIDE** | **2R3** | **4** | **0** | **: :** |
| 614 | 97 | 94 | 01:21:20.400 | 117EB105A106A4A | **7STRP** | **0.0088,0.0,0,0,0** | **Slew =,0.03** | 2R3 | 4 | 0 | 3,897,499:00:0 |
| **615** | **97** | **94** | **01:24:50.399** | **G7INCHEMIS04-** | **DESELC** | **300ES** | **MONITORING OF IO'S DAYSIDE** | **2R3** | **4** | **0** | **: :** |
| 616 | 97 | 94 | 01:26:15.066 | 117EB11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R3 | 4 | 0 | 3,897,503:78:0 |
| 617 | 97 | 94 | 01:26:16.400 | 175EB6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R3 | 4 | 0 | 3,897,503:80:0 |
| 618 | 97 | 94 | 01:26:16.400 | 175EB422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,897,503:80:0 |
| 619 | 97 | 94 | 01:26:16.400 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *3944.53 +/- 1 | 2R3 | 4 | 0 | 3,897,503:80:0 |
| **620** | **97** | **94** | **01:26:27.733** | **G7INCHEMIS04-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** |
| **621** | **97** | **94** | **01:27:21.733** | **G7INTHRMAL05-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** |
| 622 | 97 | 94 | 01:27:23.066 | 165EC4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,897,504:89:0 |
| 623 | 97 | 94 | 01:27:23.733 | 165EC4B | 7SCAN | NORM,255.535999, | Check S/P Position | 2R3 | 4 | 0 | 3,897,504:90:0 |
| 624 | 97 | 94 | 01:29:21.066 | 125EC11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,897,506:84:0 |
| **625** | **97** | **94** | **01:29:21.066** | **125EC4A** | **37IST** | **0,2,0,OFF,0,1,1** | **Gain State 4** | **4R3** | **4** | **0** | **3,897,506:84:0** |
| 626 | 97 | 94 | 01:29:21.066 | 125EC | NIMSINIT | GS | ##### GROUP START INIT | 4R3 | 4 | 0 | 3,897,506:84:0 |
| 627 | 97 | 94 | 01:30:21.733 | 127EC | NIMSTAB | GS | %%%%% GROUP START TAB | 4R3 | 4 | 0 | 3,897,507:84:0 |
| **628** | **97** | **94** | **01:30:22.400** | **127EC4A** | **37ETB** | **07,C7,03,81,00,0** | **Loads wavelength edit table** | **4R3** | **4** | **0** | **3,897,507:85:0** |
| 629 | 97 | 94 | 01:30:30.400 | 127EC11A | NIMSTAB | GE | %%%%% GROUP END TAB | 4R3 | 4 | 0 | 3,897,508:06:0 |
| 630 | 97 | 94 | 01:31:15.733 | 175EC422A6A | 6DMSC | R7,1 | DMS Control Tape runup 7.68kbp | 4R3 | 4 | 0 | 3,897,508:74:0 |
| 631 | 97 | 94 | 01:31:17.733 | 117EC | **CSMOS** | GS | ***** GROUP START CSMOS | 4R3 | 4 | 0 | 3,897,508:77:0 |
| 632 | 97 | 94 | 01:31:22.400 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 3944.59 +/- 1 | 4R3 | 4 | 0 | 3,897,508:84:0 |
| 633 | 97 | 94 | 01:31:23.733 | 175EC176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 4R3 | 4 | 0 | 3,897,508:86:0 |
| 634 | 97 | 94 | 01:31:23.800 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *3944.71 +/- 1 | 4R3 | 4 | 0 | 3,897,508:86:1 |
| 635 | 97 | 94 | 01:31:23.800 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC 3944.71 +/- 1 | 4R3 | 4 | 0 | 3,897,508:86:1 |
| 636 | 97 | 94 | 01:31:27.066 | 117EC105A106A4A | **7STRP** | **0.0039,0.0,0,0,0** | **Slew =,0.03** | 4R3 | 4 | 0 | 3,897,509:00:0 |
| 637 | 97 | 94 | 01:33:38.400 | 117EC11A | **CSMOS** | GE | ***** GROUP END CSMOS | 4R3 | 4 | 0 | 3,897,511:15:0 |
| 638 | 97 | 94 | 01:33:39.733 | 175EC6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 4R3 | 4 | 0 | 3,897,511:17:0 |
| 639 | 97 | 94 | 01:33:39.733 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *3976.57 +/- 1 | 4R3 | 4 | 0 | 3,897,511:17:0 |
| 640 | 97 | 94 | 01:33:39.733 | 175EC422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R3 | 4 | 0 | 3,897,511:17:0 |
| **641** | **97** | **94** | **01:34:33.066** | **G7INTHRMAL05-** | | **-----STOP-------** | | **4R3** | **4** | **0** | **: :** |
| 642 | 97 | 94 | 01:42:33.066 | 165IH4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,897,519:89:0 |
| 643 | 97 | 94 | 01:42:33.733 | 165IH4B | 7SCAN | NORM,256.087997, | Check S/P Position | 4R3 | 4 | 0 | 3,897,519:90:0 |
| **644** | **97** | **94** | **01:44:39.733** | **G7NNNIMSLD06-** | | **-----START------** | | **4R3** | **4** | **0** | **: :** |
| **645** | **97** | **94** | **01:45:40.400** | **20EG6A** | **6CKSUM** | **NIMS** | **NIMS,1000,14BC** | **4R3** | **4** | **0** | **3,897,523:06:0** |
| 646 | 97 | 94 | 01:46:27.066 | 175IH422A6A | 6DMSC | R806,1 | DMS Control | 4R3 | 4 | 0 | 3,897,523:76:0 |
| 647 | 97 | 94 | 01:46:33.733 | | DMS: | : *RUNUP | R806, TRACK 1, FWD, TIC 3976.63 +/- 1 | 4R3 | 4 | 0 | 3,897,523:86:0 |
| 648 | 97 | 94 | 01:46:38.400 | 175IH176A6A | 6TMREC | IM8 | 806.4 KBPS IMAGE RECORD Record Mode Chang | 4R3 | 4 | 0 | 3,897,524:02:0 |
| 649 | 97 | 94 | 01:46:39.000 | | DMS: | **: *RECORD** | R806, TRACK 1, FWD, TIC *4042.63 +/- 1 | 4R3 | 4 | 0 | 3,897,524:02:9 |
| 650 | 97 | 94 | 01:46:39.000 | | DMS: | : *AT_SPD | R806, TRACK 1, FWD, TIC 4042.63 +/- 2 | 4R3 | 4 | 0 | 3,897,524:02:9 |
| **651** | **97** | **94** | **01:46:41.066** | **20EG5A** | **37PL** | | **Program Load (halts microprocessor & unwri** | **4R3** | **4** | **0** | **3,897,524:06:0** |
| 652 | 97 | 94 | 01:46:45.733 | 175IH422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R3 | 4 | 0 | 3,897,524:13:0 |
| 653 | 97 | 94 | 01:46:45.733 | | DMS: | **: *RUNDOWN** | R806, TRACK 1, FWD, TIC *4208.34 +/- 2 | 4R3 | 4 | 0 | 3,897,524:13:0 |
| **654** | **97** | **94** | **01:47:41.733** | **20EG5B** | **37MRL** | | **Memory Realocate (software operates from R** | **4R3** | **4** | **0** | **3,897,525:06:0** |
| **655** | **97** | **94** | **01:48:42.400** | **20EG6B** | **6MCOPY** | **NIMS** | **NIMS,1000,LLM1A,7300,77F7** | **4R3** | **4** | **0** | **3,897,526:06:0** |
| **656** | **97** | **94** | **01:49:43.066** | **20EG6C** | **6MCOPY** | **NIMS** | **NIMS,1598,LLM1A,77F8,781D** | **4R3** | **4** | **0** | **3,897,527:06:0** |
| **657** | **97** | **94** | **01:50:43.733** | **20EG5C** | **37IRT** | | **Instrument Reset (goes into POR state)** | **260** | **4** | **0** | **3,897,528:06:0** |
| **658** | **97** | **94** | **01:51:44.400** | **20EG5D** | **37MN** | | **Memory Normal (software operates from ROM)** | **260** | **4** | **0** | **3,897,529:06:0** |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 659 | 97 | 94 | 01:52:43.733 | 488AT6B | 6TMSED | NORM,CL5 | Sci, Eng, and D/L Chan | 260 | 4 | 0 | 3,897,530:04:0 |
| **660** | **97** | **94** | **01:52:45.066** | **20EG4A** | **37IST** | **1,2,0,OFF,0,0,0** | **Chopper ON, Sync, Chopper (Ref)** | **2R0** | **4** | **0** | **3,897,530:06:0** |
| **661** | **97** | **94** | **01:53:45.733** | **20EG4B** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **2R3** | **4** | **0** | **3,897,531:06:0** |
| **662** | **97** | **94** | **01:54:46.400** | **G7NNNIMSLD06-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** |
| **663** | **97** | **94** | **01:55:40.400** | **G7ENFLEXUS01-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** |
| 664 | 97 | 94 | 01:55:41.733 | 165DX4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,897,532:89:0 |
| 665 | 97 | 94 | 01:55:42.400 | 165DX4B | 7SCAN | NORM,285.003998, | Check S/P Position | 2R3 | 4 | 0 | 3,897,532:90:0 |
| 666 | 97 | 94 | 01:57:39.733 | 125DJ11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,897,534:84:0 |
| 667 | 97 | 94 | 01:57:39.733 | 125DJ | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,897,534:84:0 |
| **668** | **97** | **94** | **01:57:39.733** | **125DJ4A** | **37IST** | **0,2,0,OFF,0,1,2** | **Gain State 3** | **3R3** | **4** | **0** | **3,897,534:84:0** |
| 669 | 97 | 94 | 01:58:40.400 | 127DX | NIMSTAB | GS | %%%%% GROUP START TAB | 3R3 | 4 | 0 | 3,897,535:84:0 |
| **670** | **97** | **94** | **01:58:41.066** | **127DX4A** | **37ETB** | **07,C7,02,1C,00,0** | **Loads wavelength edit table** | **3R3** | **4** | **0** | **3,897,535:85:0** |
| 671 | 97 | 94 | 01:58:49.066 | 127DX11A | NIMSTAB | GE | %%%%% GROUP END TAB | 3R3 | 4 | 0 | 3,897,536:06:0 |
| 672 | 97 | 94 | 01:59:34.400 | 175DX422A6A | 6DMSC | R7,1 | DMS Control Tape runup 7.68kbp | 3R3 | 4 | 0 | 3,897,536:74:0 |
| 673 | 97 | 94 | 01:59:36.400 | 117DX | **CSMOS** | GS | ***** GROUP START CSMOS | 3R3 | 4 | 0 | 3,897,536:77:0 |
| 674 | 97 | 94 | 01:59:41.066 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 4219.84 +/- 2 | 3R3 | 4 | 0 | 3,897,536:84:0 |
| 675 | 97 | 94 | 01:59:42.400 | 175DX176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 3R3 | 4 | 0 | 3,897,536:86:0 |
| 676 | 97 | 94 | 01:59:42.466 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *4219.96 +/- 2 | 3R3 | 4 | 0 | 3,897,536:86:1 |
| 677 | 97 | 94 | 01:59:42.466 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC 4219.96 +/- 2 | 3R3 | 4 | 0 | 3,897,536:86:1 |
| 678 | 97 | 94 | 01:59:44.400 | 165DX4C | 7VECT | | Inert vect update UTC | 3R3 | 4 | 0 | 3,897,536:89:0 |
| 679 | 97 | 94 | 01:59:45.066 | 165DX4D | 7TMOT | ENA,TMC | Enable IVP - Target Motion | 3R3 | 4 | 0 | 3,897,536:90:0 |
| 680 | 97 | 94 | 01:59:45.733 | 117DX105A106A4A | **7STRP** | **-0.013471,0.0,0,** | **Slew =,0.03** | 3R3 | 4 | 0 | 3,897,537:00:0 |
| **681** | **97** | **94** | **02:03:11.732** | **G7ENFLEXUS01-** | **NIMPBK** | **301DF** | **EUROPA GLOBAL MOSAIC CAMPAIGN** | **3R3** | **4** | **0** | **: :** |
| **682** | **97** | **94** | **02:03:51.732** | **G7ENFLEXUS01-** | **DESELC** | **300DF** | **EUROPA GLOBAL MOSAIC CAMPAIGN** | **3R3** | **4** | **0** | **: :** |
| 683 | 97 | 94 | 02:07:16.400 | 117DX105A106A4B | **7STRP** | **0.013401,-0.0085** | **Slew =,6.01** | 3R3 | 4 | 0 | 3,897,544:39:0 |
| 684 | 97 | 94 | 02:07:23.066 | 117DX105A106A4C | **7STRP** | **-0.013471,0.0,0,** | **Slew =,0.03** | 3R3 | 4 | 0 | 3,897,544:49:0 |
| 685 | 97 | 94 | 02:07:46.400 | 125DN11A | NIMSINIT | GE | ##### GROUP END INIT | 3R3 | 4 | 0 | 3,897,544:84:0 |
| 686 | 97 | 94 | 02:07:46.400 | 125DN | NIMSINIT | GS | ##### GROUP START INIT | 3R3 | 4 | 0 | 3,897,544:84:0 |
| **687** | **97** | **94** | **02:07:46.400** | **125DN4A** | **37IST** | **0,2,0,OFF,0,1,0** | **Gain State 2** | **2R3** | **4** | **0** | **3,897,544:84:0** |
| 688 | 97 | 94 | 02:11:55.733 | 488AT6C | 6TMSED | NORM,CL4 | Sci, Eng, and D/L Chan | 2R3 | 4 | 0 | 3,897,549:03:0 |
| 689 | 97 | 94 | 02:14:51.066 | 125DV11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,897,551:84:0 |
| 690 | 97 | 94 | 02:14:51.066 | 125DV | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,897,551:84:0 |
| **691** | **97** | **94** | **02:14:51.066** | **125DV4A** | **37IST** | **0,2,0,OFF,0,1,1** | **Gain State 4** | **4R3** | **4** | **0** | **3,897,551:84:0** |
| 692 | 97 | 94 | 02:14:53.733 | 117DX105A106A4D | **7STRP** | **0.013401,-0.0085** | **Slew =,6.01** | 4R3 | 4 | 0 | 3,897,551:88:0 |
| **693** | **97** | **94** | **02:15:00.397** | **G7ENFLEXUS01-** | **NIMPBK** | **301DS** | **EUROPA GLOBAL MOSAIC CAMPAIGN** | **4R3** | **4** | **0** | **: :** |
| 694 | 97 | 94 | 02:15:00.400 | 117DX105A106A4E | **7STRP** | **-0.013471,0.0,0,** | **Slew =,0.03** | 4R3 | 4 | 0 | 3,897,552:07:0 |
| **695** | **97** | **94** | **02:19:03.064** | **G7ENFLEXUS01-** | **NIMPBK** | **301ED** | **EUROPA GLOBAL MOSAIC CAMPAIGN** | **4R3** | **4** | **0** | **: :** |
| **696** | **97** | **94** | **02:19:11.731** | **G7ENFLEXUS01-** | **DESELC** | **300DS** | **EUROPA GLOBAL MOSAIC CAMPAIGN** | **4R3** | **4** | **0** | **: :** |
| **697** | **97** | **94** | **02:20:03.731** | **G7ENFLEXUS01-** | **DESELC** | **300ED** | **EUROPA GLOBAL MOSAIC CAMPAIGN** | **4R3** | **4** | **0** | **: :** |
| 698 | 97 | 94 | 02:22:31.066 | 117DX11A | **CSMOS** | GE | ***** GROUP END CSMOS | 4R3 | 4 | 0 | 3,897,559:46:0 |
| 699 | 97 | 94 | 02:22:33.066 | 175DX422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R3 | 4 | 0 | 3,897,559:49:0 |
| 700 | 97 | 94 | 02:22:33.066 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *4541.19 +/- 2 | 4R3 | 4 | 0 | 3,897,559:49:0 |
| 701 | 97 | 94 | 02:22:33.066 | 175DX6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 4R3 | 4 | 0 | 3,897,559:49:0 |
| **702** | **97** | **94** | **02:23:05.066** | **G7ENFLEXUS01-** | | **-----STOP-------** | | **4R3** | **4** | **0** | **: :** |
| 703 | 97 | 94 | 02:31:05.066 | 165GK4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,897,567:89:0 |
| 704 | 97 | 94 | 02:31:05.733 | 165GK4B | 7SCAN | NORM,285.189999, | Check S/P Position | 4R3 | 4 | 0 | 3,897,567:90:0 |
| 705 | 97 | 94 | 02:34:59.733 | 117GK | **CSMOS** | GS | ***** GROUP START CSMOS | 4R3 | 4 | 0 | 3,897,571:77:0 |
| 706 | 97 | 94 | 02:35:09.066 | 176GK6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 4R3 | 4 | 0 | 3,897,572:00:0 |
| 707 | 97 | 94 | 02:35:09.066 | 117GK105A106A4A | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,572:00:0 |
| 708 | 97 | 94 | 02:36:30.400 | 117GK105A106A4B | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,573:31:0 |
| 709 | 97 | 94 | 02:36:38.400 | 117GK105A106A4C | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,573:43:0 |
| 710 | 97 | 94 | 02:37:59.733 | 117GK105A106A4D | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,574:74:0 |
| 711 | 97 | 94 | 02:38:07.733 | 117GK105A106A4E | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,574:86:0 |
| 712 | 97 | 94 | 02:39:29.066 | 117GK105A106A4F | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,576:26:0 |
| 713 | 97 | 94 | 02:39:37.066 | 117GK105A106A4G | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,576:38:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 714 | 97 | 94 | 02:40:58.400 | 117GK105A106A4H | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,577 | 69:0 |
| 715 | 97 | 94 | 02:41:06.400 | 117GK105A106A4I | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,577 | 81:0 |
| 716 | 97 | 94 | 02:42:27.733 | 117GK105A106A4J | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,579 | 21:0 |
| 717 | 97 | 94 | 02:42:35.733 | 117GK105A106A4K | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,579 | 33:0 |
| 718 | 97 | 94 | 02:43:57.066 | 117GK105A106A4L | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,580 | 64:0 |
| 719 | 97 | 94 | 02:44:05.066 | 117GK105A106A4M | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,580 | 76:0 |
| 720 | 97 | 94 | 02:45:26.400 | 117GK105A106A4N | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,582 | 16:0 |
| 721 | 97 | 94 | 02:45:34.400 | 117GK105A106A4O | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,582 | 28:0 |
| 722 | 97 | 94 | 02:46:55.733 | 117GK105A106A4P | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,583 | 59:0 |
| 723 | 97 | 94 | 02:47:03.733 | 117GK105A106A4Q | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,583 | 71:0 |
| 724 | 97 | 94 | 02:47:51.066 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 4541.25 +/- 2 | 4R3 | 4 | 0 | 3,897,584 | 51:0 |
| 725 | 97 | 94 | 02:47:52.466 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC *4541.37 +/- 2 | 4R3 | 4 | 0 | 3,897,584 | 53:1 |
| 726 | 97 | 94 | 02:48:09.066 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *4545.26 +/- 2 | 4R3 | 4 | 0 | 3,897,584 | 78:0 |
| 727 | 97 | 94 | 02:48:25.066 | 117GK105A106A4R | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,585 | 11:0 |
| 728 | 97 | 94 | 02:48:29.066 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *4549.95 +/- 2 | 4R3 | 4 | 0 | 3,897,585 | 17:0 |
| 729 | 97 | 94 | 02:48:33.066 | 117GK105A106A4S | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,585 | 23:0 |
| 730 | 97 | 94 | 02:49:54.400 | 117GK105A106A4T | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,586 | 54:0 |
| 731 | 97 | 94 | 02:50:02.400 | 117GK105A106A4U | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,586 | 66:0 |
| 732 | 97 | 94 | 02:51:23.733 | 117GK105A106A4V | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,588 | 06:0 |
| 733 | 97 | 94 | 02:51:31.733 | 117GK105A106A4W | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,588 | 18:0 |
| 734 | 97 | 94 | 02:52:53.066 | 117GK105A106A4X | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,589 | 49:0 |
| 735 | 97 | 94 | 02:53:01.066 | 117GK105A106A4Y | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,589 | 61:0 |
| 736 | 97 | 94 | 02:54:22.400 | 117GK105A106A4Z | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,591 | 01:0 |
| 737 | 97 | 94 | 02:54:30.400 | 117GK105A106A4AA | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,591 | 13:0 |
| 738 | 97 | 94 | 02:55:51.733 | 117GK105A106A4AB | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,592 | 44:0 |
| 739 | 97 | 94 | 02:55:59.733 | 117GK105A106A4AC | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,592 | 56:0 |
| 740 | 97 | 94 | 02:57:21.066 | 117GK105A106A4AD | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,593 | 87:0 |
| 741 | 97 | 94 | 02:57:29.066 | 117GK105A106A4AE | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,594 | 08:0 |
| 742 | 97 | 94 | 02:58:50.400 | 117GK105A106A4AF | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,595 | 39:0 |
| 743 | 97 | 94 | 02:58:58.400 | 117GK105A106A4AG | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,595 | 51:0 |
| 744 | 97 | 94 | 03:00:19.733 | 117GK105A106A4AH | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,596 | 82:0 |
| 745 | 97 | 94 | 03:00:27.733 | 117GK105A106A4AI | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,597 | 03:0 |
| 746 | 97 | 94 | 03:00:53.066 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 4550.01 +/- 2 | 4R3 | 4 | 0 | 3,897,597 | 41:0 |
| 747 | 97 | 94 | 03:00:54.466 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC *4550.13 +/- 2 | 4R3 | 4 | 0 | 3,897,597 | 43:1 |
| 748 | 97 | 94 | 03:01:11.066 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *4554.02 +/- 2 | 4R3 | 4 | 0 | 3,897,597 | 68:0 |
| 749 | 97 | 94 | 03:01:31.066 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *4558.71 +/- 2 | 4R3 | 4 | 0 | 3,897,598 | 07:0 |
| 750 | 97 | 94 | 03:01:49.066 | 117GK105A106A4AJ | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,598 | 34:0 |
| 751 | 97 | 94 | 03:01:57.066 | 117GK105A106A4AK | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,598 | 46:0 |
| 752 | 97 | 94 | 03:03:18.400 | 117GK105A106A4AL | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,599 | 77:0 |
| 753 | 97 | 94 | 03:03:26.400 | 117GK105A106A4AM | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,599 | 89:0 |
| 754 | 97 | 94 | 03:04:47.733 | 117GK105A106A4AN | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,601 | 29:0 |
| 755 | 97 | 94 | 03:04:55.733 | 117GK105A106A4AO | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,601 | 41:0 |
| 756 | 97 | 94 | 03:06:17.066 | 117GK105A106A4AP | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,602 | 72:0 |
| 757 | 97 | 94 | 03:06:25.066 | 117GK105A106A4AQ | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,602 | 84:0 |
| 758 | 97 | 94 | 03:07:46.400 | 117GK105A106A4AR | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,604 | 24:0 |
| 759 | 97 | 94 | 03:07:54.400 | 117GK105A106A4AS | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,604 | 36:0 |
| 760 | 97 | 94 | 03:09:15.733 | 117GK105A106A4AT | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,605 | 67:0 |
| 761 | 97 | 94 | 03:09:23.733 | 117GK105A106A4AU | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,605 | 79:0 |
| 762 | 97 | 94 | 03:10:45.066 | 117GK105A106A4AV | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,607 | 19:0 |
| 763 | 97 | 94 | 03:10:53.066 | 117GK105A106A4AW | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,607 | 31:0 |
| 764 | 97 | 94 | 03:12:14.400 | 117GK105A106A4AX | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,608 | 62:0 |
| 765 | 97 | 94 | 03:12:22.400 | 117GK105A106A4AY | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,608 | 74:0 |
| 766 | 97 | 94 | 03:13:43.733 | 117GK105A106A4AZ | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,610 | 14:0 |
| 767 | 97 | 94 | 03:13:51.733 | 117GK105A106A4BA | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,610 | 26:0 |
| 768 | 97 | 94 | 03:13:55.066 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 4558.77 +/- 2 | 4R3 | 4 | 0 | 3,897,610 | 31:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 769 | 97 | 94 | 03:13:56.466 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC *4558.89 +/- 2 | 4R3 | 4 | 0 | 3,897,610:33:1 |
| 770 | 97 | 94 | 03:14:13.066 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *4562.78 +/- 2 | 4R3 | 4 | 0 | 3,897,610:58:0 |
| 771 | 97 | 94 | 03:14:33.066 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *4567.47 +/- 2 | 4R3 | 4 | 0 | 3,897,610:88:0 |
| 772 | 97 | 94 | 03:15:13.066 | 117GK105A106A4BB | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,611:57:0 |
| 773 | 97 | 94 | 03:15:21.066 | 117GK105A106A4BC | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,611:69:0 |
| 774 | 97 | 94 | 03:16:42.400 | 117GK105A106A4BD | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,613:09:0 |
| 775 | 97 | 94 | 03:16:50.400 | 117GK105A106A4BE | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,613:21:0 |
| 776 | 97 | 94 | 03:18:11.733 | 117GK105A106A4BF | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,614:52:0 |
| 777 | 97 | 94 | 03:18:19.733 | 117GK105A106A4BG | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,614:64:0 |
| 778 | 97 | 94 | 03:19:41.066 | 117GK105A106A4BH | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,616:04:0 |
| 779 | 97 | 94 | 03:19:49.066 | 117GK105A106A4BI | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,616:16:0 |
| 780 | 97 | 94 | 03:21:10.400 | 117GK105A106A4BJ | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,617:47:0 |
| 781 | 97 | 94 | 03:21:18.400 | 117GK105A106A4BK | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,617:59:0 |
| 782 | 97 | 94 | 03:22:39.733 | 117GK105A106A4BL | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,618:90:0 |
| 783 | 97 | 94 | 03:22:47.733 | 117GK105A106A4BM | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,619:11:0 |
| 784 | 97 | 94 | 03:24:09.066 | 117GK105A106A4BN | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,620:42:0 |
| 785 | 97 | 94 | 03:24:17.066 | 117GK105A106A4BO | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,620:54:0 |
| 786 | 97 | 94 | 03:25:38.400 | 117GK105A106A4BP | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,621:85:0 |
| 787 | 97 | 94 | 03:25:46.400 | 117GK105A106A4BQ | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,622:06:0 |
| 788 | 97 | 94 | 03:26:57.733 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 4567.53 +/- 2 | 4R3 | 4 | 0 | 3,897,623:22:0 |
| 789 | 97 | 94 | 03:26:59.133 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC *4567.65 +/- 2 | 4R3 | 4 | 0 | 3,897,623:24:1 |
| 790 | 97 | 94 | 03:27:07.733 | 117GK105A106A4BR | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,623:37:0 |
| 791 | 97 | 94 | 03:27:15.066 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *4571.38 +/- 2 | 4R3 | 4 | 0 | 3,897,623:48:0 |
| 792 | 97 | 94 | 03:27:15.733 | 117GK105A106A4BS | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,623:49:0 |
| 793 | 97 | 94 | 03:27:35.066 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *4576.07 +/- 2 | 4R3 | 4 | 0 | 3,897,623:78:0 |
| 794 | 97 | 94 | 03:28:37.066 | 117GK105A106A4BT | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,624:80:0 |
| 795 | 97 | 94 | 03:28:45.066 | 117GK105A106A4BU | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,625:01:0 |
| 796 | 97 | 94 | 03:30:06.400 | 117GK105A106A4BV | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,626:32:0 |
| 797 | 97 | 94 | 03:30:14.400 | 117GK105A106A4BW | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,626:44:0 |
| 798 | 97 | 94 | 03:31:35.733 | 117GK105A106A4BX | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,627:75:0 |
| 799 | 97 | 94 | 03:31:43.733 | 117GK105A106A4BY | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,627:87:0 |
| 800 | 97 | 94 | 03:32:47.066 | 488AT6D | 6TMSED | FILL,CL4 | Sci, Eng, and D/L Chan | 4R3 | 4 | 0 | 3,897,629:00:0 |
| 801 | 97 | 94 | 03:32:59.733 | 488AT6E | 6TMSED | FILL,CL2 | Sci, Eng, and D/L Chan | 4R3 | 4 | 0 | 3,897,629:19:0 |
| 802 | 97 | 94 | 03:33:05.066 | 117GK105A106A4BZ | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,629:27:0 |
| 803 | 97 | 94 | 03:33:13.066 | 117GK105A106A4CA | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,629:39:0 |
| 804 | 97 | 94 | 03:34:34.400 | 117GK105A106A4CB | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,630:70:0 |
| 805 | 97 | 94 | 03:34:42.400 | 117GK105A106A4CC | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,630:82:0 |
| 806 | 97 | 94 | 03:36:03.733 | 117GK105A106A4CD | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,632:22:0 |
| 807 | 97 | 94 | 03:36:11.733 | 117GK105A106A4CE | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,632:34:0 |
| 808 | 97 | 94 | 03:37:33.066 | 117GK105A106A4CF | 7STRP | -0.046534,-0.001 | Slew =,10.7 | 4R3 | 4 | 0 | 3,897,633:65:0 |
| 809 | 97 | 94 | 03:37:41.066 | 117GK105A106A4CG | 7STRP | 0.04954,0.0,0,0, | Slew =,0.64 | 4R3 | 4 | 0 | 3,897,633:77:0 |
| 810 | 97 | 94 | 03:39:02.400 | 176GK6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 4R3 | 4 | 0 | 3,897,635:17:0 |
| 811 | 97 | 94 | 03:39:02.400 | 117GK11A | **CSMOS** | GE | ***** GROUP END CSMOS | 4R3 | 4 | 0 | 3,897,635:17:0 |
| 812 | 97 | 94 | 03:39:11.066 | | DMS: | : *RUNUP | R7, TRACK 1, FWD, TIC 4576.13 +/- 2 | 4R3 | 4 | 0 | 3,897,635:30:0 |
| 813 | 97 | 94 | 03:39:12.466 | | DMS: | : *AT_SPD | R7, TRACK 1, FWD, TIC *4576.25 +/- 2 | 4R3 | 4 | 0 | 3,897,635:32:1 |
| 814 | 97 | 94 | 03:39:14.400 | | DMS: | **: *RECORD** | R7, TRACK 1, FWD, TIC *4576.70 +/- 2 | 4R3 | 4 | 0 | 3,897,635:35:0 |
| 815 | 97 | 94 | 03:39:32.400 | | DMS: | **: *RUNDOWN** | R7, TRACK 1, FWD, TIC *4580.92 +/- 2 | 4R3 | 4 | 0 | 3,897,635:62:0 |
| **816** | **97** | **94** | **03:52:03.733** | **G7JNFEX00202-** | | **-----START------** | | **4R3** | **4** | **0** | **: :** |
| 817 | 97 | 94 | 03:52:59.066 | 165EE4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,897,648:89:0 |
| 818 | 97 | 94 | 03:52:59.733 | 165EE4B | 7SCAN | NORM,306.102997, | Check S/P Position | 4R3 | 4 | 0 | 3,897,648:90:0 |
| **819** | **97** | **94** | **03:54:57.066** | **125EE4A** | **37IST** | **0,2,0,OFF,0,1,0** | **Gain State 2** | **2R3** | **4** | **0** | **3,897,650:84:0** |
| 820 | 97 | 94 | 03:54:57.066 | 125EE11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,897,650:84:0 |
| 821 | 97 | 94 | 03:54:57.066 | 125EE | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,897,650:84:0 |
| 822 | 97 | 94 | 03:55:57.733 | 127EE | NIMSTAB | GS | %%%%% GROUP START TAB | 2R3 | 4 | 0 | 3,897,651:84:0 |
| **823** | **97** | **94** | **03:55:57.733** | **127EE4A** | **37IOP** | **5,1** | **Short Map, Grating Start Position =01** | **2R5** | **4** | **1** | **3,897,651:84:0** |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **824** | **97** | **94** | **03:55:58.400** | **127EE4B** | **37ETB** | | **Loads wavelength edit table** | **2R5** | **4** | **1** | **3,897,651:85:0** |
| 825 | 97 | 94 | 03:56:06.400 | 127EE11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R5 | 4 | 1 | 3,897,652:06:0 |
| 826 | 97 | 94 | 03:56:49.066 | 175EE422A6A | 6DMSC | R28,1 | DMS Control | 2R5 | 4 | 1 | 3,897,652:70:0 |
| 827 | 97 | 94 | 03:56:53.733 | 117EE | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,897,652:77:0 |
| 828 | 97 | 94 | 03:56:55.733 | | DMS: | : *RUNUP | R28, TRACK 1, FWD, TIC 4580.98 +/- 2 | 2R5 | 4 | 1 | 3,897,652:80:0 |
| 829 | 97 | 94 | 03:56:59.733 | 175EE176A6A | 6TMREC | **MPW** | 28.8 KBPS PWS + NIMS RECORD Record Mode C | 2R5 | 4 | 1 | 3,897,652:86:0 |
| 830 | 97 | 94 | 03:56:59.733 | | DMS: | : *AT_SPD | R28, TRACK 1, FWD, TIC 4582.48 +/- 2 | 2R5 | 4 | 1 | 3,897,652:86:0 |
| 831 | 97 | 94 | 03:56:59.733 | | DMS: | **: *RECORD** | R28, TRACK 1, FWD, TIC *4582.48 +/- 2 | 2R5 | 4 | 1 | 3,897,652:86:0 |
| 832 | 97 | 94 | 03:57:03.066 | 117EE105A106A4A | **7STRP** | **-0.0108,0.0,0,0,** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,897,653:00:0 |
| 833 | 97 | 94 | 03:58:43.066 | 117EE11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,897,654:59:0 |
| 834 | 97 | 94 | 03:58:44.400 | | DMS: | **: *RUNDOWN** | R28, TRACK 1, FWD, TIC *4674.47 +/- 2 | 2R5 | 4 | 1 | 3,897,654:61:0 |
| 835 | 97 | 94 | 03:58:44.400 | 175EE422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,897,654:61:0 |
| 836 | 97 | 94 | 04:04:33.066 | 488AU6A | 6TMSED | NORM,CL2 | Sci, Eng, and D/L Chan | 2R5 | 4 | 1 | 3,897,660:38:0 |
| 837 | 97 | 94 | 04:11:11.066 | 165II4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,897,666:89:0 |
| 838 | 97 | 94 | 04:11:11.733 | 165II4B | 7SCAN | NORM,302.584,-20 | Check S/P Position | 2R5 | 4 | 1 | 3,897,666:90:0 |
| 839 | 97 | 94 | 04:15:05.066 | 175II422A6A | 6DMSC | R806,1 | DMS Control | 2R5 | 4 | 1 | 3,897,670:76:0 |
| 840 | 97 | 94 | 04:15:11.733 | | DMS: | : *RUNUP | R806, TRACK 1, FWD, TIC 4674.77 +/- 2 | 2R5 | 4 | 1 | 3,897,670:86:0 |
| 841 | 97 | 94 | 04:15:13.733 | 165II4C | 7VECT | | Inert vect update UTC | 2R5 | 4 | 1 | 3,897,670:89:0 |
| 842 | 97 | 94 | 04:15:14.400 | 165II4D | 7TMOT | ENA,TMC | Enable IVP - Target Motion | 2R5 | 4 | 1 | 3,897,670:90:0 |
| 843 | 97 | 94 | 04:15:16.400 | 175II176A6A | 6TMREC | IM8 | 806.4 KBPS IMAGE RECORD Record Mode Chang | 2R5 | 4 | 1 | 3,897,671:02:0 |
| 844 | 97 | 94 | 04:15:17.000 | | DMS: | **: *RECORD** | R806, TRACK 1, FWD, TIC *4740.77 +/- 2 | 2R5 | 4 | 1 | 3,897,671:02:9 |
| 845 | 97 | 94 | 04:15:17.000 | | DMS: | : *AT_SPD | R806, TRACK 1, FWD, TIC 4740.77 +/- 2 | 2R5 | 4 | 1 | 3,897,671:02:9 |
| 846 | 97 | 94 | 04:15:39.733 | 175II422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,897,671:37:0 |
| 847 | 97 | 94 | 04:15:39.733 | | DMS: | **: *RUNDOWN** | R806, TRACK 1, FWD, TIC *5300.22 +/- 2 | 2R5 | 4 | 1 | 3,897,671:37:0 |
| **848** | **97** | **94** | **04:19:21.733** | **G7JNFEX00202-** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** |
| 849 | 97 | 94 | 04:28:22.400 | 165IJ4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,897,683:89:0 |
| 850 | 97 | 94 | 04:28:23.066 | 165IJ4B | 7SCAN | NORM,307.754997, | Check S/P Position | 2R5 | 4 | 1 | 3,897,683:90:0 |
| 851 | 97 | 94 | 04:32:16.400 | 175IJ422A6A | 6DMSC | R806,1 | DMS Control | 2R5 | 4 | 1 | 3,897,687:76:0 |
| 852 | 97 | 94 | 04:32:23.066 | | DMS: | : *RUNUP | R806, TRACK 1, FWD, TIC 5311.72 +/- 2 | 2R5 | 4 | 1 | 3,897,687:86:0 |
| 853 | 97 | 94 | 04:32:25.066 | 165IJ4C | 7VECT | | Inert vect update UTC | 2R5 | 4 | 1 | 3,897,687:89:0 |
| 854 | 97 | 94 | 04:32:25.733 | 165IJ4D | 7TMOT | ENA,TMC | Enable IVP - Target Motion | 2R5 | 4 | 1 | 3,897,687:90:0 |
| 855 | 97 | 94 | 04:32:27.733 | 175IJ176A6A | 6TMREC | IM8 | 806.4 KBPS IMAGE RECORD Record Mode Chang | 2R5 | 4 | 1 | 3,897,688:02:0 |
| 856 | 97 | 94 | 04:32:28.333 | | DMS: | **: *RECORD** | R806, TRACK 1, FWD, TIC *5377.72 +/- 2 | 2R5 | 4 | 1 | 3,897,688:02:9 |
| 857 | 97 | 94 | 04:32:28.333 | | DMS: | : *AT_SPD | R806, TRACK 1, FWD, TIC 5377.72 +/- 3 | 2R5 | 4 | 1 | 3,897,688:02:9 |
| 858 | 97 | 94 | 04:32:51.066 | | DMS: | **: *RUNDOWN** | R806, TRACK 1, FWD, TIC *5937.18 +/- 3 | 2R5 | 4 | 1 | 3,897,688:37:0 |
| 859 | 97 | 94 | 04:32:51.066 | 175IJ422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,897,688:37:0 |
| **860** | **97** | **94** | **04:36:33.066** | **G7NNNIMSLD07-** | | **-----START------** | | **2R5** | **4** | **1** | **: :** |
| 861 | 97 | 94 | 04:37:23.066 | 465KF6A | 6DTRN | CMD,6DTRN,465KF6 | DMS TRACK TURNAROUND | 2R5 | 4 | 1 | 3,897,692:81:0 |
| **862** | **97** | **94** | **04:37:33.733** | **20EH6A** | **6CKSUM** | **NIMS** | **NIMS,1000,14BC** | **2R5** | **4** | **1** | **3,897,693:06:0** |
| **863** | **97** | **94** | **04:38:34.400** | **20EH5A** | **37PL** | | **Program Load (halts microprocessor & unwri** | **2R5** | **4** | **1** | **3,897,694:06:0** |
| **864** | **97** | **94** | **04:39:35.066** | **20EH5B** | **37MRL** | | **Memory Realocate (software operates from R** | **2R5** | **4** | **1** | **3,897,695:06:0** |
| **865** | **97** | **94** | **04:40:35.733** | **20EH6B** | **6MCOPY** | **NIMS** | **NIMS,1000,LLM1A,7300,77F7** | **2R5** | **4** | **1** | **3,897,696:06:0** |
| **866** | **97** | **94** | **04:41:36.400** | **20EH6C** | **6MCOPY** | **NIMS** | **NIMS,1598,LLM1A,77F8,781D** | **2R5** | **4** | **1** | **3,897,697:06:0** |
| **867** | **97** | **94** | **04:42:37.066** | **20EH5C** | **37IRT** | | **Instrument Reset (goes into POR state)** | **260** | **4** | **0** | **3,897,698:06:0** |
| **868** | **97** | **94** | **04:43:37.733** | **20EH5D** | **37MN** | | **Memory Normal (software operates from ROM)** | **260** | **4** | **0** | **3,897,699:06:0** |
| **869** | **97** | **94** | **04:44:38.400** | **20EH4A** | **37IST** | **1,2,0,OFF,0,0,0** | **Chopper ON, Sync, Chopper (Ref)** | **2R0** | **4** | **0** | **3,897,700:06:0** |
| 870 | 97 | 94 | 04:45:33.733 | 165EF4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R0 | 4 | 0 | 3,897,700:89:0 |
| 871 | 97 | 94 | 04:45:34.400 | 165EF4B | 7SCAN | NORM,267.335999, | Check S/P Position | 2R0 | 4 | 0 | 3,897,700:90:0 |
| **872** | **97** | **94** | **04:45:39.066** | **20EH4B** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **2R3** | **4** | **0** | **3,897,701:06:0** |
| **873** | **97** | **94** | **04:46:39.733** | **G7NNNIMSLD07-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** |
| **874** | **97** | **94** | **04:47:40.399** | **G7INCHEMIS05-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** |
| 875 | 97 | 94 | 04:48:32.400 | 127EF | NIMSTAB | GS | %%%%% GROUP START TAB | 2R3 | 4 | 0 | 3,897,703:84:0 |
| **876** | **97** | **94** | **04:48:33.066** | **127EF4A** | **37ETB** | **07,C7,02,05,80,0** | **Loads wavelength edit table** | **2R3** | **4** | **0** | **3,897,703:85:0** |
| 877 | 97 | 94 | 04:48:41.066 | 127EF11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R3 | 4 | 0 | 3,897,704:06:0 |
| 878 | 97 | 94 | 04:49:25.066 | 175EF422A6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 2R3 | 4 | 0 | 3,897,704:72:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 879 | 97 | 94 | 04:49:28.400 | 117EF | **CSMOS** | GS | ***** GROUP START CSMOS | 2R3 | 4 | 0 | 3,897,704:77:0 | |
| 880 | 97 | 94 | 04:49:32.933 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *6026.79 +/- | 2R3 | 4 | 0 | 3,897,704:83:8 | |
| 881 | 97 | 94 | 04:49:34.333 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *6026.67 +/- | 2R3 | 4 | 0 | 3,897,704:85:9 | |
| 882 | 97 | 94 | 04:49:34.333 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC 6026.67 +/- | 2R3 | 4 | 0 | 3,897,704:85:9 | |
| 883 | 97 | 94 | 04:49:34.400 | 175EF176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R3 | 4 | 0 | 3,897,704:86:0 | |
| **884** | **97** | **94** | **04:49:37.726** | **G7INCHEMIS05-** | **NIMPBK** | **301EG** | **MONITORING OF IO'S DAYSIDE** | **2R3** | **4** | **0** | **: :** | |
| 885 | 97 | 94 | 04:49:37.733 | 117EF105A106A4A | **7STRP** | **-0.0024,0.0,0,0,** | **Slew =,0.01** | 2R3 | 4 | 0 | 3,897,705:00:0 | |
| 886 | 97 | 94 | 04:49:47.733 | 488AU6B | 6TMSED | NORM,CL3 | Sci, Eng, and D/L Chan | 2R3 | 4 | 0 | 3,897,705:15:0 | |
| **887** | **97** | **94** | **04:53:40.391** | **G7INCHEMIS05-** | **DESELC** | **300EG** | **MONITORING OF IO'S DAYSIDE** | **2R3** | **4** | **0** | **: :** | |
| 888 | 97 | 94 | 04:53:40.400 | 117EF11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R3 | 4 | 0 | 3,897,709:00:0 | |
| 889 | 97 | 94 | 04:54:39.733 | 165HL4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,897,709:89:0 | |
| 890 | 97 | 94 | 04:54:40.400 | 165HL4B | 7SCAN | NORM,267.545998, | Check S/P Position | 2R3 | 4 | 0 | 3,897,709:90:0 | |
| 891 | 97 | 94 | 04:54:48.400 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *5953.06 +/- | 2R3 | 4 | 0 | 3,897,710:11:0 | |
| 892 | 97 | 94 | 04:54:48.400 | 175EF6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R3 | 4 | 0 | 3,897,710:11:0 | |
| 893 | 97 | 94 | 04:54:48.400 | 175EF422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,897,710:11:0 | |
| 894 | 97 | 94 | 04:57:33.733 | 117HL | **CSMOS** | GS | ***** GROUP START CSMOS | 2R3 | 4 | 0 | 3,897,712:77:0 | |
| 895 | 97 | 94 | 04:57:43.066 | 176HL6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 2R3 | 4 | 0 | 3,897,713:00:0 | |
| 896 | 97 | 94 | 04:57:43.066 | 117HL105A106A4A | 7STRP | 0.007,0.0,0,0,0, | Slew =,0.63 | 2R3 | 4 | 0 | 3,897,713:00:0 | |
| **897** | **97** | **94** | **04:57:47.066** | **G7INCHEMIS05-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** | |
| 898 | 97 | 94 | 04:57:57.733 | 117HL105A106A4B | 7STRP | -0.0065,-0.0015, | Slew =0,3.3 | 2R3 | 4 | 0 | 3,897,713:22:0 | |
| 899 | 97 | 94 | 04:58:03.066 | 117HL105A106A4C | 7STRP | 0.007,0.0,0,0,0, | Slew =,0.63 | 2R3 | 4 | 0 | 3,897,713:30:0 | |
| 900 | 97 | 94 | 04:58:17.733 | 117HL105A106A4D | 7STRP | -0.0065,-0.0015, | Slew =0,3.3 | 2R3 | 4 | 0 | 3,897,713:52:0 | |
| 901 | 97 | 94 | 04:58:23.066 | 117HL105A106A4E | 7STRP | 0.007,0.0,0,0,0, | Slew =,0.63 | 2R3 | 4 | 0 | 3,897,713:60:0 | |
| 902 | 97 | 94 | 04:58:37.733 | 117HL105A106A4F | 7STRP | -0.0065,-0.0015, | Slew =0,3.3 | 2R3 | 4 | 0 | 3,897,713:82:0 | |
| 903 | 97 | 94 | 04:58:43.066 | 117HL105A106A4G | 7STRP | 0.007,0.0,0,0,0, | Slew =,0.63 | 2R3 | 4 | 0 | 3,897,713:90:0 | |
| 904 | 97 | 94 | 04:58:57.733 | 117HL105A106A4H | 7STRP | -0.0065,-0.0015, | Slew =0,3.3 | 2R3 | 4 | 0 | 3,897,714:21:0 | |
| 905 | 97 | 94 | 04:59:03.066 | 117HL105A106A4I | 7STRP | 0.007,0.0,0,0,0, | Slew =,0.63 | 2R3 | 4 | 0 | 3,897,714:29:0 | |
| 906 | 97 | 94 | 04:59:17.733 | 176HL6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R3 | 4 | 0 | 3,897,714:51:0 | |
| 907 | 97 | 94 | 04:59:17.733 | 117HL11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R3 | 4 | 0 | 3,897,714:51:0 | |
| 908 | 97 | 94 | 04:59:27.600 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *5954.42 +/- | 2R3 | 4 | 0 | 3,897,714:65:8 | |
| 909 | 97 | 94 | 04:59:29.000 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *5954.30 +/- | 2R3 | 4 | 0 | 3,897,714:67:9 | |
| 910 | 97 | 94 | 04:59:29.733 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *5954.12 +/- | 2R3 | 4 | 0 | 3,897,714:69:0 | |
| 911 | 97 | 94 | 04:59:37.733 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *5952.25 +/- | 2R3 | 4 | 0 | 3,897,714:81:0 | |
| 912 | 97 | 94 | 05:01:44.400 | 165IL4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,897,716:89:0 | |
| 913 | 97 | 94 | 05:01:45.066 | 165IL4B | 7SCAN | NORM,268.251999, | Check S/P Position | 2R3 | 4 | 0 | 3,897,716:90:0 | |
| 914 | 97 | 94 | 05:03:45.733 | 165IL4C | 7VECT | | Inert vect update UTC | 2R3 | 4 | 0 | 3,897,718:89:0 | |
| 915 | 97 | 94 | 05:03:46.400 | 165IL4D | 7TMOT | ENA,TMC | Enable IVP - Target Motion | 2R3 | 4 | 0 | 3,897,718:90:0 | |
| 916 | 97 | 94 | 05:04:27.733 | 175IL422A6A | 6DMSC | R806,0 | DMS Control Tape runup 806.4kb | 2R3 | 4 | 0 | 3,897,719:61:0 | |
| 917 | 97 | 94 | 05:04:35.600 | | DMS: | : *RUNUP | R806, TRACK *2, *REV, TIC *5953.60 +/- | 2R3 | 4 | 0 | 3,897,719:72:8 | |
| 918 | 97 | 94 | 05:04:40.400 | 175IL176A6A | 6TMREC | IM8 | 806.4 KBPS IMAGE RECORD Record Mode Chang | 2R3 | 4 | 0 | 3,897,719:80:0 | |
| 919 | 97 | 94 | 05:04:40.866 | | DMS: | : *AT_SPD | R806, TRACK 2, REV, TIC 5887.60 +/- | 2R3 | 4 | 0 | 3,897,719:80:7 | |
| 920 | 97 | 94 | 05:04:40.866 | | DMS: | **: *RECORD** | R806, TRACK 2, REV, TIC *5887.60 +/- | 2R3 | 4 | 0 | 3,897,719:80:7 | |
| 921 | 97 | 94 | 05:04:47.733 | 176IL6A | 6TMREC | AI8 | 806.4 KBPS SSI RECORD Record Mode Change | 2R3 | 4 | 0 | 3,897,720:00:0 | |
| 922 | 97 | 94 | 05:04:57.066 | 175IL422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,897,720:14:0 | |
| 923 | 97 | 94 | 05:04:57.066 | | DMS: | **: *RUNDOWN** | R806, TRACK 2, REV, TIC *5488.93 +/- | 2R3 | 4 | 0 | 3,897,720:14:0 | |
| 924 | 97 | 94 | 05:05:47.066 | 165IM4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,897,720:89:0 | |
| 925 | 97 | 94 | 05:05:47.733 | 165IM4B | 7SCAN | NORM,323.382,-14 | Check S/P Position | 2R3 | 4 | 0 | 3,897,720:90:0 | |
| 926 | 97 | 94 | 05:09:38.400 | 175IM422A6A | 6DMSC | R806,0 | DMS Control Tape runup 806.4kb | 2R3 | 4 | 0 | 3,897,724:72:0 | |
| 927 | 97 | 94 | 05:09:46.266 | | DMS: | : *RUNUP | R806, TRACK *2, *REV, TIC *5478.85 +/- | 2R3 | 4 | 0 | 3,897,724:83:8 | |
| 928 | 97 | 94 | 05:09:49.733 | 165IM4C | 7VECT | | Inert vect update UTC | 2R3 | 4 | 0 | 3,897,724:89:0 | |
| 929 | 97 | 94 | 05:09:50.400 | 165IM4D | 7TMOT | ENA,TMC | Enable IVP - Target Motion | 2R3 | 4 | 0 | 3,897,724:90:0 | |
| 930 | 97 | 94 | 05:09:51.066 | 175IM176A6A | 6TMREC | AI8 | 806.4 KBPS SSI RECORD Record Mode Change | 2R3 | 4 | 0 | 3,897,725:00:0 | |
| 931 | 97 | 94 | 05:09:51.533 | | DMS: | **: *RECORD** | R806, TRACK 2, REV, TIC *5412.85 +/- | 2R3 | 4 | 0 | 3,897,725:00:7 | |
| 932 | 97 | 94 | 05:09:51.533 | | DMS: | : *AT_SPD | R806, TRACK 2, REV, TIC 5412.85 +/- | 2R3 | 4 | 0 | 3,897,725:00:7 | |
| 933 | 97 | 94 | 05:09:58.400 | | DMS: | **: *RUNDOWN** | R806, TRACK 2, REV, TIC *5243.86 +/- | 2R3 | 4 | 0 | 3,897,725:11:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 934 | 97 | 94 | 05:09:58.400 | 175IM422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,897,725:11:0 | |
| 935 | 97 | 94 | 05:14:41.733 | 175IN422A6A | 6DMSC | R806,0 | DMS Control Tape runup 806.4kb | 2R3 | 4 | 0 | 3,897,729:72:0 | |
| 936 | 97 | 94 | 05:14:49.600 | | DMS: | : *RUNUP | R806, TRACK *2, *REV, TIC *5233.78 +/- | 2R3 | 4 | 0 | 3,897,729:83:8 | |
| 937 | 97 | 94 | 05:14:54.400 | 175IN176A6A | 6TMREC | AI8 | 806.4 KBPS SSI RECORD Record Mode Change | 2R3 | 4 | 0 | 3,897,730:00:0 | |
| 938 | 97 | 94 | 05:14:54.866 | | DMS: | : *AT_SPD | R806, TRACK 2, REV, TIC 5167.78 +/- 1 | 2R3 | 4 | 0 | 3,897,730:00:7 | |
| 939 | 97 | 94 | 05:14:54.866 | | DMS: | **: *RECORD** | R806, TRACK 2, REV, TIC *5167.78 +/- | 2R3 | 4 | 0 | 3,897,730:00:7 | |
| 940 | 97 | 94 | 05:14:57.066 | 175IN422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,897,730:04:0 | |
| 941 | 97 | 94 | 05:14:57.066 | | DMS: | **: *RUNDOWN** | R806, TRACK 2, REV, TIC *5113.64 +/- 1 | 2R3 | 4 | 0 | 3,897,730:04:0 | |
| **942** | **97** | **94** | **05:15:59.066** | **G7JNFEX00203-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** | |
| 943 | 97 | 94 | 05:16:54.400 | 165EG4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,897,731:89:0 | |
| 944 | 97 | 94 | 05:16:55.066 | 165EG4B | 7SCAN | NORM,309.0,-17.9 | Check S/P Position | 2R3 | 4 | 0 | 3,897,731:90:0 | |
| 945 | 97 | 94 | 05:19:53.066 | 127EG | NIMSTAB | GS | %%%%% GROUP START TAB | 2R3 | 4 | 0 | 3,897,734:84:0 | |
| **946** | **97** | **94** | **05:19:53.066** | **127EG4A** | **37IOP** | **5,1** | **Short Map, Grating Start Position =01** | **2R5** | **4** | **1** | **3,897,734:84:0** | |
| **947** | **97** | **94** | **05:19:53.733** | **127EG4B** | **37ETB** | **,CD,02,00,00,05,** | **Loads wavelength edit table** | **2R5** | **4** | **1** | **3,897,734:85:0** | |
| 948 | 97 | 94 | 05:20:01.733 | 127EG11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R5 | 4 | 1 | 3,897,735:06:0 | |
| 949 | 97 | 94 | 05:20:42.400 | 488AU6C | 6TMSED | FILL,CL3 | Sci, Eng, and D/L Chan | 2R5 | 4 | 1 | 3,897,735:67:0 | |
| 950 | 97 | 94 | 05:20:45.733 | 175EG422A6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 2R5 | 4 | 1 | 3,897,735:72:0 | |
| 951 | 97 | 94 | 05:20:49.066 | 117EG | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,897,735:77:0 | |
| 952 | 97 | 94 | 05:20:53.600 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *5103.55 +/- 1 | 2R5 | 4 | 1 | 3,897,735:83:8 | |
| 953 | 97 | 94 | 05:20:55.000 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *5103.43 +/- 1 | 2R5 | 4 | 1 | 3,897,735:85:9 | |
| 954 | 97 | 94 | 05:20:55.000 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC 5103.43 +/- 1 | 2R5 | 4 | 1 | 3,897,735:85:9 | |
| 955 | 97 | 94 | 05:20:55.066 | 175EG176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R5 | 4 | 1 | 3,897,735:86:0 | |
| **956** | **97** | **94** | **05:20:58.390** | **G7JNFEX00203-** | **NIMPBK** | **301EH** | **JUPITER FEATURE TRACK 2 DEG PHAS** | **2R5** | **4** | **1** | **: :** | |
| 957 | 97 | 94 | 05:20:58.400 | 117EG105A106A4A | **7STRP** | **-0.0108,0.0,0,0,** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,897,736:00:0 | |
| **958** | **97** | **94** | **05:22:38.390** | **G7JNFEX00203-** | **DESELC** | **300EH** | **JUPITER FEATURE TRACK 2 DEG PHAS** | **2R5** | **4** | **1** | **: :** | |
| 959 | 97 | 94 | 05:22:38.400 | 117EG11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,897,737:59:0 | |
| 960 | 97 | 94 | 05:22:49.733 | 175EG6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,897,737:76:0 | |
| 961 | 97 | 94 | 05:22:49.733 | 175EG422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,897,737:76:0 | |
| 962 | 97 | 94 | 05:22:49.733 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *5076.54 +/- 1 | 2R5 | 4 | 1 | 3,897,737:76:0 | |
| **963** | **97** | **94** | **05:23:03.733** | **G7JNFEX00203-** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** | |
| 964 | 97 | 94 | 05:27:01.066 | 165GM4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,897,741:89:0 | |
| 965 | 97 | 94 | 05:27:01.733 | 165GM4B | 7SCAN | NORM,335.519997, | Check S/P Position | 2R5 | 4 | 1 | 3,897,741:90:0 | |
| 966 | 97 | 94 | 05:30:06.400 | 117GM | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,897,745:03:0 | |
| 967 | 97 | 94 | 05:30:14.400 | 165GM4C | 7VECT | | Inert vect update UTC | 2R5 | 4 | 1 | 3,897,745:15:0 | |
| 968 | 97 | 94 | 05:30:15.066 | 165GM4D | 7TMOT | ENA,TMC | Enable IVP - Target Motion | 2R5 | 4 | 1 | 3,897,745:16:0 | |
| 969 | 97 | 94 | 05:30:15.733 | 117GM105A106A4A | 7STRP | -0.020203,-0.001 | Slew =,0.04 | 2R5 | 4 | 1 | 3,897,745:17:0 | |
| 970 | 97 | 94 | 05:30:15.733 | 176GM6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 2R5 | 4 | 1 | 3,897,745:17:0 | |
| 971 | 97 | 94 | 05:38:42.400 | 117GM105A106A4B | 7STRP | 0.020203,0.0035, | Slew =10.41 | 2R5 | 4 | 1 | 3,897,753:49:0 | |
| 972 | 97 | 94 | 05:38:47.733 | 117GM105A106A4C | 7STRP | -0.020203,-0.001 | Slew =,0.04 | 2R5 | 4 | 1 | 3,897,753:57:0 | |
| 973 | 97 | 94 | 05:42:58.933 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *5077.89 +/- 1 | 2R5 | 4 | 1 | 3,897,757:69:8 | |
| 974 | 97 | 94 | 05:43:00.333 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *5077.77 +/- 1 | 2R5 | 4 | 1 | 3,897,757:71:9 | |
| 975 | 97 | 94 | 05:43:15.733 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *5074.16 +/- 1 | 2R5 | 4 | 1 | 3,897,758:04:0 | |
| 976 | 97 | 94 | 05:43:35.733 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *5069.48 +/- 1 | 2R5 | 4 | 1 | 3,897,758:34:0 | |
| 977 | 97 | 94 | 05:47:14.400 | 117GM11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,897,761:89:0 | |
| 978 | 97 | 94 | 05:47:43.733 | 176GM6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,897,762:42:0 | |
| 979 | 97 | 94 | 05:47:53.600 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *5070.83 +/- 1 | 2R5 | 4 | 1 | 3,897,762:56:8 | |
| 980 | 97 | 94 | 05:47:55.000 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *5070.71 +/- 1 | 2R5 | 4 | 1 | 3,897,762:58:9 | |
| 981 | 97 | 94 | 05:47:55.733 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *5070.54 +/- 1 | 2R5 | 4 | 1 | 3,897,762:60:0 | |
| 982 | 97 | 94 | 05:48:07.066 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *5067.88 +/- 1 | 2R5 | 4 | 1 | 3,897,762:77:0 | |
| **983** | **97** | **94** | **05:48:20.400** | **G7ENTYREMA01-** | | **-----START------** | | **2R5** | **4** | **1** | **: :** | |
| 984 | 97 | 94 | 05:49:15.733 | 165EH4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,897,763:89:0 | |
| 985 | 97 | 94 | 05:49:16.400 | 165EH4B | 7SCAN | NORM,353.117996, | Check S/P Position | 2R5 | 4 | 1 | 3,897,763:90:0 | |
| 986 | 97 | 94 | 05:52:14.400 | 127EH | NIMSTAB | GS | %%%%% GROUP START TAB | 2R5 | 4 | 1 | 3,897,766:84:0 | |
| **987** | **97** | **94** | **05:52:14.400** | **127EH4A** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **2R3** | **4** | **0** | **3,897,766:84:0** | |
| **988** | **97** | **94** | **05:52:15.066** | **127EH4B** | **37ETB** | **04,C4,35,FF,FF** | **Loads wavelength edit table** | **2R3** | **4** | **0** | **3,897,766:85:0** | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 989 | 97 | 94 | 05:52:23.066 | 127EH11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R3 | 4 | 0 | 3,897,767:06:0 | |
| 990 | 97 | 94 | 05:52:46.400 | 488AU6D | 6TMSED | NORM,CL3 | Sci, Eng, and D/L Chan | 2R3 | 4 | 0 | 3,897,767:41:0 | |
| 991 | 97 | 94 | 05:53:04.400 | 175EH422A6A | 6DMSC | R28,0 | DMS Control Tape runup 28.8kbp | 2R3 | 4 | 0 | 3,897,767:68:0 | |
| 992 | 97 | 94 | 05:53:10.400 | 117EH | **CSMOS** | GS | ***** GROUP START CSMOS | 2R3 | 4 | 0 | 3,897,767:77:0 | |
| 993 | 97 | 94 | 05:53:12.266 | | DMS: | : *RUNUP | R28, TRACK *2, *REV, TIC *5069.24 +/- 1 | 2R3 | 4 | 0 | 3,897,767:79:8 | |
| 994 | 97 | 94 | 05:53:16.266 | | DMS: | **: *RECORD** | R28, TRACK 2, REV, TIC *5067.74 +/- 1 | 2R3 | 4 | 0 | 3,897,767:85:8 | |
| 995 | 97 | 94 | 05:53:16.266 | | DMS: | : *AT_SPD | R28, TRACK 2, REV, TIC 5067.74 +/- 1 | 2R3 | 4 | 0 | 3,897,767:85:8 | |
| 996 | 97 | 94 | 05:53:16.400 | 175EH176A6A | 6TMREC | **MPW** | 28.8 KBPS PWS + NIMS RECORD Record Mode C | 2R3 | 4 | 0 | 3,897,767:86:0 | |
| 997 | 97 | 94 | 05:53:18.400 | 165EH4C | 7VECT | | Inert vect update UTC | 2R3 | 4 | 0 | 3,897,767:89:0 | |
| 998 | 97 | 94 | 05:53:19.066 | 165EH4D | 7TMOT | ENA,TMC | Enable IVP - Target Motion | 2R3 | 4 | 0 | 3,897,767:90:0 | |
| 999 | 97 | 94 | 05:53:19.733 | 117EH105A106A4A | **7STRP** | **0.014501,0.0,0,0** | **Slew =,0.03** | 2R3 | 4 | 0 | 3,897,768:00:0 | |
| **1000** | **97** | **94** | **05:54:50.389** | **G7ENTYREMA01-** | **NIMPBK** | **301EI** | **EUROPA TYRE MACULA REGION** | **2R3** | **4** | **0** | **: :** | |
| **1001** | **97** | **94** | **05:57:15.723** | **G7ENTYREMA01-** | **NIMPBK** | **301KA** | **EUROPA TYRE MACULA REGION** | **2R3** | **4** | **0** | **: :** | |
| **1002** | **97** | **94** | **05:57:24.389** | **G7ENTYREMA01-** | **DESELC** | **300EI** | **EUROPA TYRE MACULA REGION** | **2R3** | **4** | **0** | **: :** | |
| **1003** | **97** | **94** | **06:01:25.056** | **G7ENTYREMA01-** | **DESELC** | **300KA** | **EUROPA TYRE MACULA REGION** | **2R3** | **4** | **0** | **: :** | |
| 1004 | 97 | 94 | 06:01:25.066 | 117EH105A106A4B | **7STRP** | **-0.014501,0.007,** | **Slew =,3.71** | 2R3 | 4 | 0 | 3,897,776:00:0 | |
| **1005** | **97** | **94** | **06:01:38.389** | **G7ENTYREMA01-** | **NIMPBK** | **301EB** | **EUROPA TYRE MACULA REGION** | **2R3** | **4** | **0** | **: :** | |
| 1006 | 97 | 94 | 06:01:38.400 | 117EH105A106A4C | **7STRP** | **0.014501,0.0,0,0** | **Slew =,0.03** | 2R3 | 4 | 0 | 3,897,776:20:0 | |
| **1007** | **97** | **94** | **06:05:29.723** | **G7ENTYREMA01-** | **NIMPBK** | **301FH** | **EUROPA TYRE MACULA REGION** | **2R3** | **4** | **0** | **: :** | |
| **1008** | **97** | **94** | **06:05:38.389** | **G7ENTYREMA01-** | **DESELC** | **300EB** | **EUROPA TYRE MACULA REGION** | **2R3** | **4** | **0** | **: :** | |
| **1009** | **97** | **94** | **06:08:21.056** | **G7ENTYREMA01-** | **DESELC** | **300FH** | **EUROPA TYRE MACULA REGION** | **2R3** | **4** | **0** | **: :** | |
| 1010 | 97 | 94 | 06:09:43.733 | 117EH11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R3 | 4 | 0 | 3,897,784:20:0 | |
| 1011 | 97 | 94 | 06:09:45.066 | 175EH422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,897,784:22:0 | |
| 1012 | 97 | 94 | 06:09:45.066 | | DMS: | **: *RUNDOWN** | R28, TRACK 2, REV, TIC *4198.68 +/- 1 | 2R3 | 4 | 0 | 3,897,784:22:0 | |
| **1013** | **97** | **94** | **06:10:35.066** | **G7ENTYREMA01-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** | |
| 1014 | 97 | 94 | 06:11:30.400 | 165IO4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,897,785:89:0 | |
| 1015 | 97 | 94 | 06:11:31.066 | 165IO4B | 7SCAN | NORM,7.174,2.165 | Check S/P Position | 2R3 | 4 | 0 | 3,897,785:90:0 | |
| 1016 | 97 | 94 | 06:13:31.733 | 165IO4C | 7VECT | | Inert vect update UTC | 2R3 | 4 | 0 | 3,897,787:89:0 | |
| 1017 | 97 | 94 | 06:13:32.400 | 165IO4D | 7TMOT | ENA,TMC | Enable IVP - Target Motion | 2R3 | 4 | 0 | 3,897,787:90:0 | |
| 1018 | 97 | 94 | 06:13:37.066 | 118IO | **SMOS** | GS | | 2R3 | 4 | 0 | 3,897,788:06:0 | |
| 1019 | 97 | 94 | 06:13:48.400 | 175IO422A6A | 6DMSC | R806,0 | DMS Control Tape runup 806.4kb | 2R3 | 4 | 0 | 3,897,788:23:0 | |
| 1020 | 97 | 94 | 06:13:56.266 | | DMS: | : *RUNUP | R806, TRACK *2, *REV, TIC *4199.79 +/- 1 | 2R3 | 4 | 0 | 3,897,788:34:8 | |
| 1021 | 97 | 94 | 06:14:01.066 | 175IO176A6A | 6TMREC | AI8 | 806.4 KBPS SSI RECORD Record Mode Change | 2R3 | 4 | 0 | 3,897,788:42:0 | |
| 1022 | 97 | 94 | 06:14:01.533 | | DMS: | **: *RECORD** | R806, TRACK 2, REV, TIC *4133.79 +/- 1 | 2R3 | 4 | 0 | 3,897,788:42:7 | |
| 1023 | 97 | 94 | 06:14:01.533 | | DMS: | : *AT_SPD | R806, TRACK 2, REV, TIC 4133.79 +/- 1 | 2R3 | 4 | 0 | 3,897,788:42:7 | |
| 1024 | 97 | 94 | 06:14:01.733 | 118IO110A111A4A | 7STRP | -0.0005,0.0062,7 | Slew =,1.01 | 2R3 | 4 | 0 | 3,897,788:43:0 | |
| 1025 | 97 | 94 | 06:14:03.733 | 175IO422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,897,788:46:0 | |
| 1026 | 97 | 94 | 06:14:03.733 | | DMS: | **: *RUNDOWN** | R806, TRACK 2, REV, TIC *4079.65 +/- 1 | 2R3 | 4 | 0 | 3,897,788:46:0 | |
| 1027 | 97 | 94 | 06:18:09.733 | 175IP422A6A | 6DMSC | R806,0 | DMS Control Tape runup 806.4kb | 2R3 | 4 | 0 | 3,897,792:51:0 | |
| 1028 | 97 | 94 | 06:18:17.600 | | DMS: | : *RUNUP | R806, TRACK *2, *REV, TIC *4069.56 +/- 1 | 2R3 | 4 | 0 | 3,897,792:62:8 | |
| 1029 | 97 | 94 | 06:18:22.400 | 175IP176A6A | 6TMREC | AI8 | 806.4 KBPS SSI RECORD Record Mode Change | 2R3 | 4 | 0 | 3,897,792:70:0 | |
| 1030 | 97 | 94 | 06:18:22.866 | | DMS: | : *AT_SPD | R806, TRACK 2, REV, TIC 4003.56 +/- 2 | 2R3 | 4 | 0 | 3,897,792:70:7 | |
| 1031 | 97 | 94 | 06:18:22.866 | | DMS: | **: *RECORD** | R806, TRACK 2, REV, TIC *4003.56 +/- 1 | 2R3 | 4 | 0 | 3,897,792:70:7 | |
| 1032 | 97 | 94 | 06:18:25.066 | | DMS: | **: *RUNDOWN** | R806, TRACK 2, REV, TIC *3949.42 +/- 2 | 2R3 | 4 | 0 | 3,897,792:74:0 | |
| 1033 | 97 | 94 | 06:18:25.066 | 175IP422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,897,792:74:0 | |
| 1034 | 97 | 94 | 06:22:31.066 | 175IQ422A6A | 6DMSC | R806,0 | DMS Control Tape runup 806.4kb | 2R3 | 4 | 0 | 3,897,796:79:0 | |
| 1035 | 97 | 94 | 06:22:38.933 | | DMS: | : *RUNUP | R806, TRACK *2, *REV, TIC *3939.34 +/- 2 | 2R3 | 4 | 0 | 3,897,796:90:8 | |
| 1036 | 97 | 94 | 06:22:43.733 | 175IQ176A6A | 6TMREC | AI8 | 806.4 KBPS SSI RECORD Record Mode Change | 2R3 | 4 | 0 | 3,897,797:07:0 | |
| 1037 | 97 | 94 | 06:22:44.200 | | DMS: | : *AT_SPD | R806, TRACK 2, REV, TIC 3873.34 +/- 2 | 2R3 | 4 | 0 | 3,897,797:07:7 | |
| 1038 | 97 | 94 | 06:22:44.200 | | DMS: | **: *RECORD** | R806, TRACK 2, REV, TIC *3873.34 +/- 2 | 2R3 | 4 | 0 | 3,897,797:07:7 | |
| 1039 | 97 | 94 | 06:22:46.400 | 175IQ422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,897,797:11:0 | |
| 1040 | 97 | 94 | 06:22:46.400 | | DMS: | **: *RUNDOWN** | R806, TRACK 2, REV, TIC *3819.20 +/- 2 | 2R3 | 4 | 0 | 3,897,797:11:0 | |
| 1041 | 97 | 94 | 06:26:52.400 | 175JX422A6A | 6DMSC | R806,0 | DMS Control Tape runup 806.4kb | 2R3 | 4 | 0 | 3,897,801:16:0 | |
| 1042 | 97 | 94 | 06:27:00.266 | | DMS: | : *RUNUP | R806, TRACK *2, *REV, TIC *3809.11 +/- 2 | 2R3 | 4 | 0 | 3,897,801:27:8 | |
| 1043 | 97 | 94 | 06:27:05.066 | 175JX176A6A | 6TMREC | AI8 | 806.4 KBPS SSI RECORD Record Mode Change | 2R3 | 4 | 0 | 3,897,801:35:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1044 | 97 | 94 | 06:27:05.533 | | DMS: | : *AT_SPD | R806, TRACK 2, REV, TIC 3743.11 +/- 3 | 2R3 | 4 | 0 | 3,897,801:35:7 | |
| 1045 | 97 | 94 | 06:27:05.533 | | DMS: | **: *RECORD** | R806, TRACK 2, REV, TIC *3743.11 +/- 2 | 2R3 | 4 | 0 | 3,897,801:35:7 | |
| 1046 | 97 | 94 | 06:27:07.733 | 175JX422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,897,801:39:0 | |
| 1047 | 97 | 94 | 06:27:07.733 | | DMS: | **: *RUNDOWN** | R806, TRACK 2, REV, TIC *3688.97 +/- 3 | 2R3 | 4 | 0 | 3,897,801:39:0 | |
| 1048 | 97 | 94 | 06:31:13.733 | 175JY422A6A | 6DMSC | R806,0 | DMS Control Tape runup 806.4kb | 2R3 | 4 | 0 | 3,897,805:44:0 | |
| 1049 | 97 | 94 | 06:31:21.600 | | DMS: | : *RUNUP | R806, TRACK *2, *REV, TIC *3678.88 +/- 3 | 2R3 | 4 | 0 | 3,897,805:55:8 | |
| 1050 | 97 | 94 | 06:31:26.400 | 175JY176A6A | 6TMREC | AI8 | 806.4 KBPS SSI RECORD Record Mode Change | 2R3 | 4 | 0 | 3,897,805:63:0 | |
| 1051 | 97 | 94 | 06:31:26.866 | | DMS: | **: *RECORD** | R806, TRACK 2, REV, TIC *3612.88 +/- 3 | 2R3 | 4 | 0 | 3,897,805:63:7 | |
| 1052 | 97 | 94 | 06:31:26.866 | | DMS: | : *AT_SPD | R806, TRACK 2, REV, TIC 3612.88 +/- 3 | 2R3 | 4 | 0 | 3,897,805:63:7 | |
| 1053 | 97 | 94 | 06:31:27.066 | 118IO11A | **SMOS** | GE | | 2R3 | 4 | 0 | 3,897,805:64:0 | |
| 1054 | 97 | 94 | 06:31:29.066 | | DMS: | **: *RUNDOWN** | R806, TRACK 2, REV, TIC *3558.74 +/- 3 | 2R3 | 4 | 0 | 3,897,805:67:0 | |
| 1055 | 97 | 94 | 06:31:29.066 | 175JY422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,897,805:67:0 | |
| 1056 | 97 | 94 | 06:31:45.733 | 165GN4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,897,806:01:0 | |
| 1057 | 97 | 94 | 06:31:46.400 | 165GN4B | 7SCAN | NORM,22.003,8.80 | Check S/P Position | 2R3 | 4 | 0 | 3,897,806:02:0 | |
| 1058 | 97 | 94 | 06:33:37.066 | 117GN | **CSMOS** | GS | ***** GROUP START CSMOS | 2R3 | 4 | 0 | 3,897,807:77:0 | |
| 1059 | 97 | 94 | 06:33:45.066 | 165GN4C | 7VECT | | Inert vect update UTC | 2R3 | 4 | 0 | 3,897,807:89:0 | |
| 1060 | 97 | 94 | 06:33:45.733 | 165GN4D | 7TMOT | ENA,TMC | Enable IVP - Target Motion | 2R3 | 4 | 0 | 3,897,807:90:0 | |
| 1061 | 97 | 94 | 06:33:46.400 | 176GN6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 2R3 | 4 | 0 | 3,897,808:00:0 | |
| 1062 | 97 | 94 | 06:33:46.400 | 117GN105A106A4A | 7STRP | -0.022504,0.0,0, | Slew =,0.04 | 2R3 | 4 | 0 | 3,897,808:00:0 | |
| 1063 | 97 | 94 | 06:43:10.400 | 117GN105A106A4B | 7STRP | 0.023004,0.00125 | Slew =11.81 | 2R3 | 4 | 0 | 3,897,817:27:0 | |
| 1064 | 97 | 94 | 06:43:15.733 | 117GN105A106A4C | 7STRP | -0.022504,0.0,0, | Slew =,0.04 | 2R3 | 4 | 0 | 3,897,817:35:0 | |
| 1065 | 97 | 94 | 06:46:29.600 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *3548.66 +/- 3 | 2R3 | 4 | 0 | 3,897,820:52:8 | |
| 1066 | 97 | 94 | 06:46:31.000 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *3548.54 +/- 3 | 2R3 | 4 | 0 | 3,897,820:54:9 | |
| 1067 | 97 | 94 | 06:46:46.400 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *3544.93 +/- 3 | 2R3 | 4 | 0 | 3,897,820:78:0 | |
| 1068 | 97 | 94 | 06:47:06.400 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *3540.24 +/- 3 | 2R3 | 4 | 0 | 3,897,821:17:0 | |
| 1069 | 97 | 94 | 06:52:39.733 | 176GN6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R3 | 4 | 0 | 3,897,826:62:0 | |
| 1070 | 97 | 94 | 06:52:39.733 | 117GN11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R3 | 4 | 0 | 3,897,826:62:0 | |
| 1071 | 97 | 94 | 06:52:49.600 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *3541.60 +/- 3 | 2R3 | 4 | 0 | 3,897,826:76:8 | |
| 1072 | 97 | 94 | 06:52:51.000 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *3541.48 +/- 3 | 2R3 | 4 | 0 | 3,897,826:78:9 | |
| 1073 | 97 | 94 | 06:52:51.733 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *3541.30 +/- 3 | 2R3 | 4 | 0 | 3,897,826:80:0 | |
| 1074 | 97 | 94 | 06:53:04.400 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *3538.34 +/- 3 | 2R3 | 4 | 0 | 3,897,827:08:0 | |
| 1075 | 97 | 94 | 06:55:59.733 | 165GO4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,897,829:89:0 | |
| 1076 | 97 | 94 | 06:56:00.400 | 165GO4B | 7SCAN | NORM,34.521,16.6 | Check S/P Position | 2R3 | 4 | 0 | 3,897,829:90:0 | |
| 1077 | 97 | 94 | 06:56:52.400 | 117GO | **CSMOS** | GS | ***** GROUP START CSMOS | 2R3 | 4 | 0 | 3,897,830:77:0 | |
| 1078 | 97 | 94 | 06:57:00.400 | 165GO4C | 7VECT | | Inert vect update UTC | 2R3 | 4 | 0 | 3,897,830:89:0 | |
| 1079 | 97 | 94 | 06:57:01.066 | 165GO4D | 7TMOT | ENA,TMC | Enable IVP - Target Motion | 2R3 | 4 | 0 | 3,897,830:90:0 | |
| 1080 | 97 | 94 | 06:57:01.733 | 117GO105A106A4A | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,831:00:0 | |
| 1081 | 97 | 94 | 06:57:01.733 | 176GO6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 2R3 | 4 | 0 | 3,897,831:00:0 | |
| 1082 | 97 | 94 | 06:57:41.733 | 117GO105A106A4B | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,831:60:0 | |
| 1083 | 97 | 94 | 06:57:47.066 | 117GO105A106A4C | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,831:68:0 | |
| 1084 | 97 | 94 | 06:58:27.066 | 117GO105A106A4D | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,832:37:0 | |
| 1085 | 97 | 94 | 06:58:32.400 | 117GO105A106A4E | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,832:45:0 | |
| 1086 | 97 | 94 | 06:59:12.400 | 117GO105A106A4F | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,833:14:0 | |
| 1087 | 97 | 94 | 06:59:17.733 | 117GO105A106A4G | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,833:22:0 | |
| 1088 | 97 | 94 | 06:59:57.733 | 117GO105A106A4H | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,833:82:0 | |
| 1089 | 97 | 94 | 06:59:59.733 | 481AC4A | 7VECT | BB1 | Inert vect update UTC | 2R3 | 4 | 0 | 3,897,833:85:0 | |
| 1090 | 97 | 94 | 07:00:03.066 | 117GO105A106A4I | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,833:90:0 | |
| 1091 | 97 | 94 | 07:00:43.066 | 117GO105A106A4J | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,834:59:0 | |
| 1092 | 97 | 94 | 07:00:48.400 | 117GO105A106A4K | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,834:67:0 | |
| 1093 | 97 | 94 | 07:01:28.400 | 117GO105A106A4L | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,835:36:0 | |
| 1094 | 97 | 94 | 07:01:33.733 | 117GO105A106A4M | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,835:44:0 | |
| 1095 | 97 | 94 | 07:02:13.733 | 117GO105A106A4N | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,836:13:0 | |
| 1096 | 97 | 94 | 07:02:19.066 | 117GO105A106A4O | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,836:21:0 | |
| 1097 | 97 | 94 | 07:02:59.066 | 117GO105A106A4P | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,836:81:0 | |
| 1098 | 97 | 94 | 07:03:04.400 | 117GO105A106A4Q | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,836:89:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1099 | 97 | 94 | 07:03:44.400 | 117GO105A106A4R | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,837 | 58:0 |
| 1100 | 97 | 94 | 07:03:49.733 | 117GO105A106A4S | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,837 | 66:0 |
| 1101 | 97 | 94 | 07:04:29.733 | 117GO105A106A4T | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,838 | 35:0 |
| 1102 | 97 | 94 | 07:04:35.066 | 117GO105A106A4U | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,838 | 43:0 |
| 1103 | 97 | 94 | 07:05:15.066 | 117GO105A106A4V | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,839 | 12:0 |
| 1104 | 97 | 94 | 07:05:20.400 | 117GO105A106A4W | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,839 | 20:0 |
| 1105 | 97 | 94 | 07:06:00.400 | 117GO105A106A4X | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,839 | 80:0 |
| 1106 | 97 | 94 | 07:06:05.733 | 117GO105A106A4Y | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,839 | 88:0 |
| 1107 | 97 | 94 | 07:06:45.733 | 117GO105A106A4Z | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,840 | 57:0 |
| 1108 | 97 | 94 | 07:06:51.066 | 117GO105A106A4AA | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,840 | 65:0 |
| 1109 | 97 | 94 | 07:07:31.066 | 117GO105A106A4AB | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,841 | 34:0 |
| 1110 | 97 | 94 | 07:07:36.400 | 117GO105A106A4AC | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,841 | 42:0 |
| 1111 | 97 | 94 | 07:08:16.400 | 117GO105A106A4AD | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,842 | 11:0 |
| 1112 | 97 | 94 | 07:08:21.733 | 117GO105A106A4AE | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,842 | 19:0 |
| 1113 | 97 | 94 | 07:09:01.733 | 117GO105A106A4AF | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,842 | 79:0 |
| 1114 | 97 | 94 | 07:09:07.066 | 117GO105A106A4AG | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,842 | 87:0 |
| 1115 | 97 | 94 | 07:09:44.933 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *3539.69 +/- 3 | 2R3 | 4 | 0 | 3,897,843 | 52:8 |
| 1116 | 97 | 94 | 07:09:46.333 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *3539.57 +/- 3 | 2R3 | 4 | 0 | 3,897,843 | 54:9 |
| 1117 | 97 | 94 | 07:09:47.066 | 117GO105A106A4AH | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,843 | 56:0 |
| 1118 | 97 | 94 | 07:09:52.400 | 117GO105A106A4AI | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,843 | 64:0 |
| 1119 | 97 | 94 | 07:10:01.733 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *3535.96 +/- 3 | 2R3 | 4 | 0 | 3,897,843 | 78:0 |
| 1120 | 97 | 94 | 07:10:21.733 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *3531.27 +/- 3 | 2R3 | 4 | 0 | 3,897,844 | 17:0 |
| 1121 | 97 | 94 | 07:10:32.400 | 117GO105A106A4AJ | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,844 | 33:0 |
| 1122 | 97 | 94 | 07:10:37.733 | 117GO105A106A4AK | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,844 | 41:0 |
| 1123 | 97 | 94 | 07:11:17.733 | 117GO105A106A4AL | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,845 | 10:0 |
| 1124 | 97 | 94 | 07:11:23.066 | 117GO105A106A4AM | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,845 | 18:0 |
| 1125 | 97 | 94 | 07:12:03.066 | 117GO105A106A4AN | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,845 | 78:0 |
| 1126 | 97 | 94 | 07:12:08.400 | 117GO105A106A4AO | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,845 | 86:0 |
| 1127 | 97 | 94 | 07:12:48.400 | 117GO105A106A4AP | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,846 | 55:0 |
| 1128 | 97 | 94 | 07:12:53.733 | 117GO105A106A4AQ | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,846 | 63:0 |
| 1129 | 97 | 94 | 07:13:33.733 | 117GO105A106A4AR | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,847 | 32:0 |
| 1130 | 97 | 94 | 07:13:39.066 | 117GO105A106A4AS | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,847 | 40:0 |
| 1131 | 97 | 94 | 07:14:19.066 | 117GO105A106A4AT | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,848 | 09:0 |
| 1132 | 97 | 94 | 07:14:24.400 | 117GO105A106A4AU | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,848 | 17:0 |
| 1133 | 97 | 94 | 07:15:04.400 | 117GO105A106A4AV | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,848 | 77:0 |
| 1134 | 97 | 94 | 07:15:09.733 | 117GO105A106A4AW | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,848 | 85:0 |
| 1135 | 97 | 94 | 07:15:49.733 | 117GO105A106A4AX | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,849 | 54:0 |
| 1136 | 97 | 94 | 07:15:55.066 | 117GO105A106A4AY | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,849 | 62:0 |
| 1137 | 97 | 94 | 07:16:35.066 | 117GO105A106A4AZ | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,850 | 31:0 |
| 1138 | 97 | 94 | 07:16:40.400 | 117GO105A106A4BA | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,850 | 39:0 |
| 1139 | 97 | 94 | 07:17:20.400 | 117GO105A106A4BB | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,851 | 08:0 |
| 1140 | 97 | 94 | 07:17:25.733 | 117GO105A106A4BC | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,851 | 16:0 |
| 1141 | 97 | 94 | 07:18:05.733 | 117GO105A106A4BD | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,851 | 76:0 |
| 1142 | 97 | 94 | 07:18:11.066 | 117GO105A106A4BE | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,851 | 84:0 |
| 1143 | 97 | 94 | 07:18:51.066 | 117GO105A106A4BF | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,852 | 53:0 |
| 1144 | 97 | 94 | 07:18:56.400 | 117GO105A106A4BG | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,852 | 61:0 |
| 1145 | 97 | 94 | 07:19:36.400 | 117GO105A106A4BH | 7STRP | -0.030319,0.0017 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,853 | 30:0 |
| 1146 | 97 | 94 | 07:19:41.733 | 117GO105A106A4BI | 7STRP | 0.030009,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,853 | 38:0 |
| 1147 | 97 | 94 | 07:20:21.733 | 117GO105A106B4A | 7STRP | -0.029308,0.0014 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,854 | 07:0 |
| 1148 | 97 | 94 | 07:20:27.066 | 117GO105A106B4B | 7STRP | 0.029509,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,854 | 15:0 |
| 1149 | 97 | 94 | 07:21:07.066 | 117GO105A106B4C | 7STRP | -0.029308,0.0014 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,854 | 75:0 |
| 1150 | 97 | 94 | 07:21:12.400 | 117GO105A106B4D | 7STRP | 0.029509,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,854 | 83:0 |
| 1151 | 97 | 94 | 07:21:52.400 | 117GO105A106B4E | 7STRP | -0.029308,0.0014 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,855 | 52:0 |
| 1152 | 97 | 94 | 07:21:57.733 | 117GO105A106B4F | 7STRP | 0.029509,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,855 | 60:0 |
| 1153 | 97 | 94 | 07:22:37.733 | 117GO105A106B4G | 7STRP | -0.029308,0.0014 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,856 | 29:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1154 | 97 | 94 | 07:22:43.066 | 117GO105A106B4H | 7STRP | 0.029509,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,856 | 37:0 |
| 1155 | 97 | 94 | 07:22:46.933 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *3532.63 +/- 3 | 2R3 | 4 | 0 | 3,897,856 | 42:8 |
| 1156 | 97 | 94 | 07:22:48.333 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *3532.51 +/- 3 | 2R3 | 4 | 0 | 3,897,856 | 44:9 |
| 1157 | 97 | 94 | 07:23:03.733 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *3528.90 +/- 3 | 2R3 | 4 | 0 | 3,897,856 | 68:0 |
| 1158 | 97 | 94 | 07:23:23.066 | 117GO105A106B4I | 7STRP | -0.029308,0.0014 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,857 | 06:0 |
| 1159 | 97 | 94 | 07:23:23.733 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *3524.21 +/- 3 | 2R3 | 4 | 0 | 3,897,857 | 07:0 |
| 1160 | 97 | 94 | 07:23:28.400 | 117GO105A106B4J | 7STRP | 0.029509,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,857 | 14:0 |
| 1161 | 97 | 94 | 07:24:08.400 | 117GO105A106B4K | 7STRP | -0.029308,0.0014 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,857 | 74:0 |
| 1162 | 97 | 94 | 07:24:13.733 | 117GO105A106B4L | 7STRP | 0.029509,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,857 | 82:0 |
| 1163 | 97 | 94 | 07:24:53.733 | 117GO105A106B4M | 7STRP | -0.029308,0.0014 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,858 | 51:0 |
| 1164 | 97 | 94 | 07:24:59.066 | 117GO105A106B4N | 7STRP | 0.029509,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,858 | 59:0 |
| 1165 | 97 | 94 | 07:25:39.066 | 117GO105A106B4O | 7STRP | -0.029308,0.0014 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,859 | 28:0 |
| 1166 | 97 | 94 | 07:25:44.400 | 117GO105A106B4P | 7STRP | 0.029509,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,859 | 36:0 |
| 1167 | 97 | 94 | 07:26:24.400 | 117GO105A106B4Q | 7STRP | -0.029308,0.0014 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,860 | 05:0 |
| 1168 | 97 | 94 | 07:26:29.733 | 117GO105A106B4R | 7STRP | 0.029509,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,860 | 13:0 |
| 1169 | 97 | 94 | 07:27:09.733 | 117GO105A106B4S | 7STRP | -0.029308,0.0014 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,860 | 73:0 |
| 1170 | 97 | 94 | 07:27:15.066 | 117GO105A106B4T | 7STRP | 0.029509,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,860 | 81:0 |
| 1171 | 97 | 94 | 07:27:55.066 | 117GO105A106B4U | 7STRP | -0.029308,0.0014 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,861 | 50:0 |
| 1172 | 97 | 94 | 07:28:00.400 | 117GO105A106B4V | 7STRP | 0.029509,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,861 | 58:0 |
| 1173 | 97 | 94 | 07:28:40.400 | 117GO105A106B4W | 7STRP | -0.029308,0.0014 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,862 | 27:0 |
| 1174 | 97 | 94 | 07:28:45.733 | 117GO105A106B4X | 7STRP | 0.029509,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,862 | 35:0 |
| 1175 | 97 | 94 | 07:29:25.733 | 117GO105A106B4Y | 7STRP | -0.029308,0.0014 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,863 | 04:0 |
| 1176 | 97 | 94 | 07:29:31.066 | 117GO105A106B4Z | 7STRP | 0.029509,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,863 | 12:0 |
| 1177 | 97 | 94 | 07:30:11.066 | 117GO105A106B4AA | 7STRP | -0.029308,0.0014 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,863 | 72:0 |
| 1178 | 97 | 94 | 07:30:16.400 | 117GO105A106B4AB | 7STRP | 0.029509,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,863 | 80:0 |
| 1179 | 97 | 94 | 07:30:56.400 | 117GO105A106B4AC | 7STRP | -0.029308,0.0014 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,864 | 49:0 |
| 1180 | 97 | 94 | 07:31:01.733 | 117GO105A106B4AD | 7STRP | 0.029509,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,864 | 57:0 |
| 1181 | 97 | 94 | 07:31:41.733 | 117GO105A106B4AE | 7STRP | -0.029308,0.0014 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,865 | 26:0 |
| 1182 | 97 | 94 | 07:31:47.066 | 117GO105A106B4AF | 7STRP | 0.029509,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,865 | 34:0 |
| 1183 | 97 | 94 | 07:32:27.066 | 117GO105A106B4AG | 7STRP | -0.029308,0.0014 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,866 | 03:0 |
| 1184 | 97 | 94 | 07:32:32.400 | 117GO105A106B4AH | 7STRP | 0.029509,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,866 | 11:0 |
| 1185 | 97 | 94 | 07:33:12.400 | 117GO105A106B4AI | 7STRP | -0.029308,0.0014 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,866 | 71:0 |
| 1186 | 97 | 94 | 07:33:17.733 | 117GO105A106B4AJ | 7STRP | 0.029509,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,866 | 79:0 |
| 1187 | 97 | 94 | 07:33:57.733 | 117GO105A106B4AK | 7STRP | -0.029308,0.0014 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,867 | 48:0 |
| 1188 | 97 | 94 | 07:34:03.066 | 117GO105A106B4AL | 7STRP | 0.029509,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,867 | 56:0 |
| 1189 | 97 | 94 | 07:34:43.066 | 117GO105A106B4AM | 7STRP | -0.029308,0.0014 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,868 | 25:0 |
| 1190 | 97 | 94 | 07:34:48.400 | 117GO105A106B4AN | 7STRP | 0.029509,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,868 | 33:0 |
| 1191 | 97 | 94 | 07:35:28.400 | 117GO105A106B4AO | 7STRP | -0.029308,0.0014 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,869 | 02:0 |
| 1192 | 97 | 94 | 07:35:33.733 | 117GO105A106B4AP | 7STRP | 0.029509,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,869 | 10:0 |
| 1193 | 97 | 94 | 07:35:48.933 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *3525.56 +/- 3 | 2R3 | 4 | 0 | 3,897,869 | 32:8 |
| 1194 | 97 | 94 | 07:35:50.333 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *3525.44 +/- 3 | 2R3 | 4 | 0 | 3,897,869 | 34:9 |
| 1195 | 97 | 94 | 07:36:05.733 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *3521.84 +/- 3 | 2R3 | 4 | 0 | 3,897,869 | 58:0 |
| 1196 | 97 | 94 | 07:36:13.733 | 117GO105A106B4AQ | 7STRP | -0.029308,0.0014 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,869 | 70:0 |
| 1197 | 97 | 94 | 07:36:19.066 | 117GO105A106B4AR | 7STRP | 0.029509,0.0,0,0 | Slew =,0.81 | 2R3 | 4 | 0 | 3,897,869 | 78:0 |
| 1198 | 97 | 94 | 07:36:25.733 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *3517.15 +/- 3 | 2R3 | 4 | 0 | 3,897,869 | 88:0 |
| 1199 | 97 | 94 | 07:36:59.066 | 117GO11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R3 | 4 | 0 | 3,897,870 | 47:0 |
| 1200 | 97 | 94 | 07:38:27.733 | 165GQ4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,897,871 | 89:0 |
| 1201 | 97 | 94 | 07:38:28.400 | 165GQ4B | 7SCAN | NORM,50.441,21.1 | Check S/P Position | 2R3 | 4 | 0 | 3,897,871 | 90:0 |
| 1202 | 97 | 94 | 07:40:45.066 | 176GO6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R3 | 4 | 0 | 3,897,874 | 22:0 |
| 1203 | 97 | 94 | 07:40:54.933 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *3518.50 +/- 3 | 2R3 | 4 | 0 | 3,897,874 | 36:8 |
| 1204 | 97 | 94 | 07:40:56.333 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *3518.38 +/- 3 | 2R3 | 4 | 0 | 3,897,874 | 38:9 |
| 1205 | 97 | 94 | 07:40:57.066 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *3518.21 +/- 3 | 2R3 | 4 | 0 | 3,897,874 | 40:0 |
| 1206 | 97 | 94 | 07:41:08.400 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *3515.55 +/- 3 | 2R3 | 4 | 0 | 3,897,874 | 57:0 |
| 1207 | 97 | 94 | 07:42:22.400 | 117GQ | **CSMOS** | GS | ***** GROUP START CSMOS | 2R3 | 4 | 0 | 3,897,875 | 77:0 |
| 1208 | 97 | 94 | 07:42:31.733 | 117GQ105A106A4A | 7STRP | 0.033012,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,876 | 00:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1209 | 97 | 94 | 07:42:31.733 | 176GQ6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 2R3 | 4 | 0 | 3,897,876 | 00:0 |
| 1210 | 97 | 94 | 07:44:39.733 | 117GQ105A106A4B | 7STRP | -0.041023,0.0011 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,878 | 10:0 |
| 1211 | 97 | 94 | 07:44:46.400 | 117GQ105A106A4C | 7STRP | 0.033012,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,878 | 20:0 |
| 1212 | 97 | 94 | 07:46:54.400 | 117GQ105A106A4D | 7STRP | -0.041023,0.0011 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,880 | 30:0 |
| 1213 | 97 | 94 | 07:47:01.066 | 117GQ105A106A4E | 7STRP | 0.033012,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,880 | 40:0 |
| 1214 | 97 | 94 | 07:49:09.066 | 117GQ105A106A4F | 7STRP | -0.041023,0.0011 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,882 | 50:0 |
| 1215 | 97 | 94 | 07:49:15.733 | 117GQ105A106A4G | 7STRP | 0.033012,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,882 | 60:0 |
| 1216 | 97 | 94 | 07:51:23.733 | 117GQ105A106A4H | 7STRP | -0.041023,0.0011 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,884 | 70:0 |
| 1217 | 97 | 94 | 07:51:30.400 | 117GQ105A106A4I | 7STRP | 0.033012,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,884 | 80:0 |
| 1218 | 97 | 94 | 07:53:38.400 | 117GQ105A106A4J | 7STRP | -0.041023,0.0011 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,886 | 90:0 |
| 1219 | 97 | 94 | 07:53:45.066 | 117GQ105A106A4K | 7STRP | 0.033012,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,887 | 09:0 |
| 1220 | 97 | 94 | 07:55:53.066 | 117GQ105A106A4L | 7STRP | -0.041023,0.0011 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,889 | 19:0 |
| 1221 | 97 | 94 | 07:55:59.733 | 117GQ105A106A4M | 7STRP | 0.033012,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,889 | 29:0 |
| 1222 | 97 | 94 | 07:56:36.933 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *3516.91 +/- 3 | 2R3 | 4 | 0 | 3,897,889 | 84:8 |
| 1223 | 97 | 94 | 07:56:38.333 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *3516.79 +/- 3 | 2R3 | 4 | 0 | 3,897,889 | 86:9 |
| 1224 | 97 | 94 | 07:56:53.733 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *3513.18 +/- 3 | 2R3 | 4 | 0 | 3,897,890 | 19:0 |
| 1225 | 97 | 94 | 07:57:13.733 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *3508.49 +/- 3 | 2R3 | 4 | 0 | 3,897,890 | 49:0 |
| 1226 | 97 | 94 | 07:58:07.733 | 117GQ105A106A4N | 7STRP | -0.041023,0.0011 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,891 | 39:0 |
| 1227 | 97 | 94 | 07:58:14.400 | 117GQ105A106A4O | 7STRP | 0.033012,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,891 | 49:0 |
| 1228 | 97 | 94 | 08:00:22.400 | 117GQ105A106A4P | 7STRP | -0.041023,0.0011 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,893 | 59:0 |
| 1229 | 97 | 94 | 08:00:29.066 | 117GQ105A106A4Q | 7STRP | 0.033012,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,893 | 69:0 |
| 1230 | 97 | 94 | 08:02:37.066 | 117GQ105A106A4R | 7STRP | -0.041023,0.0011 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,895 | 79:0 |
| 1231 | 97 | 94 | 08:02:43.733 | 117GQ105A106A4S | 7STRP | 0.033012,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,895 | 89:0 |
| 1232 | 97 | 94 | 08:04:51.733 | 117GQ105A106A4T | 7STRP | -0.041023,0.0011 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,898 | 08:0 |
| 1233 | 97 | 94 | 08:04:58.400 | 117GQ105A106A4U | 7STRP | 0.033012,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,898 | 18:0 |
| 1234 | 97 | 94 | 08:07:06.400 | 117GQ105A106A4V | 7STRP | -0.041023,0.0011 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,900 | 28:0 |
| 1235 | 97 | 94 | 08:07:13.066 | 117GQ105A106A4W | 7STRP | 0.033012,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,900 | 38:0 |
| 1236 | 97 | 94 | 08:09:21.066 | 117GQ105A106A4X | 7STRP | -0.041023,0.0011 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,902 | 48:0 |
| 1237 | 97 | 94 | 08:09:27.733 | 117GQ105A106A4Y | 7STRP | 0.033012,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,902 | 58:0 |
| 1238 | 97 | 94 | 08:11:01.600 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *3509.85 +/- 3 | 2R3 | 4 | 0 | 3,897,904 | 16:8 |
| 1239 | 97 | 94 | 08:11:03.000 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *3509.73 +/- 3 | 2R3 | 4 | 0 | 3,897,904 | 18:9 |
| 1240 | 97 | 94 | 08:11:18.400 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *3506.12 +/- 3 | 2R3 | 4 | 0 | 3,897,904 | 42:0 |
| 1241 | 97 | 94 | 08:11:35.733 | 117GQ105A106A4Z | 7STRP | -0.041023,0.0011 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,904 | 68:0 |
| 1242 | 97 | 94 | 08:11:38.400 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *3501.43 +/- 3 | 2R3 | 4 | 0 | 3,897,904 | 72:0 |
| 1243 | 97 | 94 | 08:11:42.400 | 117GQ105A106A4AA | 7STRP | 0.033012,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,904 | 78:0 |
| 1244 | 97 | 94 | 08:13:50.400 | 117GQ105A106A4AB | 7STRP | -0.041023,0.0011 | Slew =12.01 | 2R3 | 4 | 0 | 3,897,906 | 88:0 |
| 1245 | 97 | 94 | 08:13:57.066 | 117GQ105A106A4AC | 7STRP | 0.033012,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,907 | 07:0 |
| 1246 | 97 | 94 | 08:16:05.066 | 117GQ105A106B4A | 7STRP | -0.041724,0.001, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,909 | 17:0 |
| 1247 | 97 | 94 | 08:16:13.066 | 117GQ105A106B4B | 7STRP | 0.035615,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,909 | 29:0 |
| 1248 | 97 | 94 | 08:18:30.400 | 117GQ105A106B4C | 7STRP | -0.041724,0.001, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,911 | 53:0 |
| 1249 | 97 | 94 | 08:18:38.400 | 117GQ105A106B4D | 7STRP | 0.035615,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,911 | 65:0 |
| 1250 | 97 | 94 | 08:20:55.733 | 117GQ105A106B4E | 7STRP | -0.041724,0.001, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,913 | 89:0 |
| 1251 | 97 | 94 | 08:21:03.733 | 117GQ105A106B4F | 7STRP | 0.035615,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,914 | 10:0 |
| 1252 | 97 | 94 | 08:23:21.066 | 117GQ105A106B4G | 7STRP | -0.041724,0.001, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,916 | 34:0 |
| 1253 | 97 | 94 | 08:23:29.066 | 117GQ105A106B4H | 7STRP | 0.035615,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,916 | 46:0 |
| 1254 | 97 | 94 | 08:25:26.266 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *3502.78 +/- 3 | 2R3 | 4 | 0 | 3,897,918 | 39:8 |
| 1255 | 97 | 94 | 08:25:27.666 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *3502.66 +/- 3 | 2R3 | 4 | 0 | 3,897,918 | 41:9 |
| 1256 | 97 | 94 | 08:25:43.066 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *3499.05 +/- 3 | 2R3 | 4 | 0 | 3,897,918 | 65:0 |
| 1257 | 97 | 94 | 08:25:46.400 | 117GQ105A106B4I | 7STRP | -0.041724,0.001, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,918 | 70:0 |
| 1258 | 97 | 94 | 08:25:54.400 | 117GQ105A106B4J | 7STRP | 0.035615,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,918 | 82:0 |
| 1259 | 97 | 94 | 08:26:03.066 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *3494.37 +/- 3 | 2R3 | 4 | 0 | 3,897,919 | 04:0 |
| 1260 | 97 | 94 | 08:28:11.733 | 117GQ105A106B4K | 7STRP | -0.041724,0.001, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,921 | 15:0 |
| 1261 | 97 | 94 | 08:28:19.733 | 117GQ105A106B4L | 7STRP | 0.035615,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,921 | 27:0 |
| 1262 | 97 | 94 | 08:30:37.066 | 117GQ105A106B4M | 7STRP | -0.041724,0.001, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,923 | 51:0 |
| 1263 | 97 | 94 | 08:30:45.066 | 117GQ105A106B4N | 7STRP | 0.035615,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,923 | 63:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1264 | 97 | 94 | 08:33:02.400 | 117GQ105A106B4O | 7STRP | -0.041724,0.001, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,925:87:0 | |
| 1265 | 97 | 94 | 08:33:10.400 | 117GQ105A106B4P | 7STRP | 0.035615,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,926:08:0 | |
| 1266 | 97 | 94 | 08:35:27.733 | 117GQ105A106B4Q | 7STRP | -0.041724,0.001, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,928:32:0 | |
| 1267 | 97 | 94 | 08:35:35.733 | 117GQ105A106B4R | 7STRP | 0.035615,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,928:44:0 | |
| 1268 | 97 | 94 | 08:37:53.066 | 117GQ105A106B4S | 7STRP | -0.041724,0.001, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,930:68:0 | |
| 1269 | 97 | 94 | 08:38:01.066 | 117GQ105A106B4T | 7STRP | 0.035615,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,930:80:0 | |
| 1270 | 97 | 94 | 08:39:50.933 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *3495.72 +/- 3 | 2R3 | 4 | 0 | 3,897,932:62:8 | |
| 1271 | 97 | 94 | 08:39:52.333 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *3495.60 +/- 3 | 2R3 | 4 | 0 | 3,897,932:64:9 | |
| 1272 | 97 | 94 | 08:40:07.066 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *3492.15 +/- 3 | 2R3 | 4 | 0 | 3,897,932:87:0 | |
| 1273 | 97 | 94 | 08:40:18.400 | 117GQ105A106B4U | 7STRP | -0.041724,0.001, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,933:13:0 | |
| 1274 | 97 | 94 | 08:40:26.400 | 117GQ105A106B4V | 7STRP | 0.035615,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,933:25:0 | |
| 1275 | 97 | 94 | 08:40:27.066 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *3487.46 +/- 3 | 2R3 | 4 | 0 | 3,897,933:26:0 | |
| 1276 | 97 | 94 | 08:42:43.733 | 117GQ105A106B4W | 7STRP | -0.041724,0.001, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,935:49:0 | |
| 1277 | 97 | 94 | 08:42:51.733 | 117GQ105A106B4X | 7STRP | 0.035615,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,935:61:0 | |
| 1278 | 97 | 94 | 08:45:09.066 | 117GQ105A106B4Y | 7STRP | -0.041724,0.001, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,937:85:0 | |
| 1279 | 97 | 94 | 08:45:17.066 | 117GQ105A106B4Z | 7STRP | 0.035615,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,938:06:0 | |
| 1280 | 97 | 94 | 08:47:34.400 | 117GQ105A106C4A | 7STRP | -0.038018,0.001, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,940:30:0 | |
| 1281 | 97 | 94 | 08:47:41.733 | 117GQ105A106C4B | 7STRP | 0.033012,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,940:41:0 | |
| 1282 | 97 | 94 | 08:49:51.733 | 117GQ105A106C4C | 7STRP | -0.038018,0.001, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,942:54:0 | |
| 1283 | 97 | 94 | 08:49:59.066 | 117GQ105A106C4D | 7STRP | 0.033012,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,942:65:0 | |
| 1284 | 97 | 94 | 08:52:09.066 | 117GQ105A106C4E | 7STRP | -0.038018,0.001, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,944:78:0 | |
| 1285 | 97 | 94 | 08:52:16.400 | 117GQ105A106C4F | 7STRP | 0.033012,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,944:89:0 | |
| 1286 | 97 | 94 | 08:54:14.933 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *3488.81 +/- 3 | 2R3 | 4 | 0 | 3,897,946:84:8 | |
| 1287 | 97 | 94 | 08:54:16.333 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *3488.69 +/- 3 | 2R3 | 4 | 0 | 3,897,946:86:9 | |
| 1288 | 97 | 94 | 08:54:26.400 | 117GQ105A106C4G | 7STRP | -0.038018,0.001, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,947:11:0 | |
| 1289 | 97 | 94 | 08:54:31.733 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *3485.09 +/- 3 | 2R3 | 4 | 0 | 3,897,947:19:0 | |
| 1290 | 97 | 94 | 08:54:33.733 | 117GQ105A106C4H | 7STRP | 0.033012,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,947:22:0 | |
| 1291 | 97 | 94 | 08:54:51.733 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *3480.40 +/- 3 | 2R3 | 4 | 0 | 3,897,947:49:0 | |
| 1292 | 97 | 94 | 08:56:43.733 | 117GQ105A106C4I | 7STRP | -0.038018,0.001, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,949:35:0 | |
| 1293 | 97 | 94 | 08:56:51.066 | 117GQ105A106C4J | 7STRP | 0.033012,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,949:46:0 | |
| 1294 | 97 | 94 | 08:59:01.066 | 117GQ105A106C4K | 7STRP | -0.038018,0.001, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,951:59:0 | |
| 1295 | 97 | 94 | 08:59:08.400 | 117GQ105A106C4L | 7STRP | 0.033012,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,951:70:0 | |
| 1296 | 97 | 94 | 09:01:18.400 | 117GQ105A106C4M | 7STRP | -0.038018,0.001, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,953:83:0 | |
| 1297 | 97 | 94 | 09:01:25.733 | 117GQ105A106C4N | 7STRP | 0.033012,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,954:03:0 | |
| 1298 | 97 | 94 | 09:03:35.733 | 117GQ105A106C4O | 7STRP | -0.038018,0.001, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,956:16:0 | |
| 1299 | 97 | 94 | 09:03:43.066 | 117GQ105A106C4P | 7STRP | 0.033012,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,956:27:0 | |
| 1300 | 97 | 94 | 09:05:53.066 | 117GQ105A106C4Q | 7STRP | -0.038018,0.001, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,958:40:0 | |
| 1301 | 97 | 94 | 09:06:00.400 | 117GQ105A106C4R | 7STRP | 0.033012,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,958:51:0 | |
| 1302 | 97 | 94 | 09:08:10.400 | 117GQ105A106C4S | 7STRP | -0.038018,0.001, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,960:64:0 | |
| 1303 | 97 | 94 | 09:08:17.733 | 117GQ105A106C4T | 7STRP | 0.033012,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,960:75:0 | |
| 1304 | 97 | 94 | 09:08:39.600 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *3481.75 +/- 3 | 2R3 | 4 | 0 | 3,897,961:16:8 | |
| 1305 | 97 | 94 | 09:08:41.000 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *3481.63 +/- 3 | 2R3 | 4 | 0 | 3,897,961:18:9 | |
| 1306 | 97 | 94 | 09:08:56.400 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *3478.02 +/- 3 | 2R3 | 4 | 0 | 3,897,961:42:0 | |
| 1307 | 97 | 94 | 09:09:16.400 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *3473.34 +/- 3 | 2R3 | 4 | 0 | 3,897,961:72:0 | |
| 1308 | 97 | 94 | 09:10:27.733 | 117GQ105A106C4U | 7STRP | -0.038018,0.001, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,962:88:0 | |
| 1309 | 97 | 94 | 09:10:35.066 | 117GQ105A106C4V | 7STRP | 0.033012,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,963:08:0 | |
| 1310 | 97 | 94 | 09:12:45.066 | 117GQ105A106C4W | 7STRP | -0.038018,0.001, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,965:21:0 | |
| 1311 | 97 | 94 | 09:12:52.400 | 117GQ105A106C4X | 7STRP | 0.033012,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,965:32:0 | |
| 1312 | 97 | 94 | 09:15:02.400 | 117GQ105A106C4Y | 7STRP | -0.038018,0.001, | Slew =12.01 | 2R3 | 4 | 0 | 3,897,967:45:0 | |
| 1313 | 97 | 94 | 09:15:09.733 | 117GQ105A106C4Z | 7STRP | 0.033012,0.0,0,0 | Slew =,0.27 | 2R3 | 4 | 0 | 3,897,967:56:0 | |
| 1314 | 97 | 94 | 09:17:19.733 | 117GQ11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R3 | 4 | 0 | 3,897,969:69:0 | |
| 1315 | 97 | 94 | 09:17:20.400 | 176GQ6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R3 | 4 | 0 | 3,897,969:70:0 | |
| 1316 | 97 | 94 | 09:17:30.266 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *3474.69 +/- 3 | 2R3 | 4 | 0 | 3,897,969:84:8 | |
| 1317 | 97 | 94 | 09:17:31.666 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *3474.57 +/- 3 | 2R3 | 4 | 0 | 3,897,969:86:9 | |
| 1318 | 97 | 94 | 09:17:32.400 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *3474.40 +/- 3 | 2R3 | 4 | 0 | 3,897,969:88:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1319 | 97 | 94 | 09:17:46.400 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *3471.12 +/- 3 | 2R3 | 4 | 0 | 3,897,970:18:0 |
| **1320** | **97** | **94** | **10:48:38.400** | **G7NNHEALTH03-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** |
| 1321 | 97 | 94 | 10:50:31.066 | 127KE | NIMSTAB | GS | %%%%% GROUP START TAB | 2R3 | 4 | 0 | 3,898,061:84:0 |
| **1322** | **97** | **94** | **10:50:31.733** | **127KE4A** | **37ETB** | **07,C7,02,80,44,3** | **Loads wavelength edit table** | **2R3** | **4** | **0** | **3,898,061:85:0** |
| 1323 | 97 | 94 | 10:50:39.733 | 127KE11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R3 | 4 | 0 | 3,898,062:06:0 |
| **1324** | **97** | **94** | **10:50:55.733** | **432EJ6A** | **6RTSL2** | **NIMSEL,AACNCG,RT** | **NIMS R/T SELECT** | **2R3** | **4** | **0** | **3,898,062:30:0** |
| **1325** | **97** | **94** | **10:51:55.066** | **432EK6A** | **6RTDS2** | **NIMDSL,AACNCG,RT** | **NIMS R/T DESELECT** | **2R3** | **4** | **0** | **3,898,063:28:0** |
| 1326 | 97 | 94 | 10:52:27.733 | 488AV6A | 6TMSED | NORM,CL2 | Sci, Eng, and D/L Chan | 2R3 | 4 | 0 | 3,898,063:77:0 |
| 1327 | 97 | 94 | 10:53:41.733 | 20UL4A | 7SCAN | NORM,307.7,-19.5 | Check S/P Position | 2R3 | 4 | 0 | 3,898,065:06:0 |
| **1328** | **97** | **94** | **10:53:41.734** | **G7NNHEALTH03-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** |
| **1329** | **97** | **94** | **10:54:42.400** | **G7NNNIMSLD08-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** |
| **1330** | **97** | **94** | **10:55:43.066** | **20EI6A** | **6CKSUM** | **NIMS** | **NIMS,1000,14BC** | **2R3** | **4** | **0** | **3,898,067:06:0** |
| **1331** | **97** | **94** | **10:56:43.733** | **20EI5A** | **37PL** | | **Program Load (halts microprocessor & unwri** | **2R3** | **4** | **0** | **3,898,068:06:0** |
| **1332** | **97** | **94** | **10:57:44.400** | **20EI5B** | **37MRL** | | **Memory Realocate (software operates from R** | **2R3** | **4** | **0** | **3,898,069:06:0** |
| 1333 | 97 | 94 | 10:58:41.066 | 192GT4A | **7CONE** | **17.4,0.0** | Check S/P Position | 2R3 | 4 | 0 | 3,898,070:00:0 |
| **1334** | **97** | **94** | **10:58:45.066** | **20EI6B** | **6MCOPY** | **NIMS** | **NIMS,1000,LLM1A,7300,77F7** | **2R3** | **4** | **0** | **3,898,070:06:0** |
| **1335** | **97** | **94** | **10:59:45.733** | **20EI6C** | **6MCOPY** | **NIMS** | **NIMS,1598,LLM1A,77F8,781D** | **2R3** | **4** | **0** | **3,898,071:06:0** |
| **1336** | **97** | **94** | **11:00:46.400** | **20EI5C** | **37IRT** | | **Instrument Reset (goes into POR state)** | **260** | **4** | **0** | **3,898,072:06:0** |
| **1337** | **97** | **94** | **11:01:47.066** | **20EI5D** | **37MN** | | **Memory Normal (software operates from ROM)** | **260** | **4** | **0** | **3,898,073:06:0** |
| **1338** | **97** | **94** | **11:02:47.733** | **20EI4A** | **37IST** | **1,2,0,OFF,0,0,0** | **Chopper ON, Sync, Chopper (Ref)** | **2R0** | **4** | **0** | **3,898,074:06:0** |
| 1339 | 97 | 94 | 11:03:27.733 | 176GT6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 2R0 | 4 | 0 | 3,898,074:66:0 |
| **1340** | **97** | **94** | **11:03:48.400** | **20EI4B** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **2R3** | **4** | **0** | **3,898,075:06:0** |
| **1341** | **97** | **94** | **11:04:49.066** | **G7NNNIMSLD08-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** |
| 1342 | 97 | 94 | 11:04:54.333 | 176GT6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R3 | 4 | 0 | 3,898,076:14:0 |
| 1343 | 97 | 94 | 11:05:04.200 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *3472.47 +/- 3 | 2R3 | 4 | 0 | 3,898,076:28:8 |
| 1344 | 97 | 94 | 11:05:05.600 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *3472.35 +/- 3 | 2R3 | 4 | 0 | 3,898,076:30:9 |
| 1345 | 97 | 94 | 11:05:06.333 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *3472.18 +/- 3 | 2R3 | 4 | 0 | 3,898,076:32:0 |
| 1346 | 97 | 94 | 11:05:14.333 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *3470.30 +/- 3 | 2R3 | 4 | 0 | 3,898,076:44:0 |
| **1347** | **97** | **94** | **11:05:43.066** | **G7JNHOTMAP01-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** |
| 1348 | 97 | 94 | 11:05:44.333 | 165FR4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,898,076:89:0 |
| 1349 | 97 | 94 | 11:05:45.000 | 165FR4B | 7SCAN | NORM,344.317997, | Check S/P Position | 2R3 | 4 | 0 | 3,898,076:90:0 |
| 1350 | 97 | 94 | 11:08:43.000 | 127LD | NIMSTAB | GS | %%%%% GROUP START TAB | 2R3 | 4 | 0 | 3,898,079:84:0 |
| **1351** | **97** | **94** | **11:08:43.666** | **127LD4A** | **37ETB** | | **Loads wavelength edit table** | **2R3** | **4** | **0** | **3,898,079:85:0** |
| 1352 | 97 | 94 | 11:08:51.666 | 127LD11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R3 | 4 | 0 | 3,898,080:06:0 |
| 1353 | 97 | 94 | 11:09:35.666 | 175FR422A6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 2R3 | 4 | 0 | 3,898,080:72:0 |
| 1354 | 97 | 94 | 11:09:39.000 | 117FR | **CSMOS** | GS | ***** GROUP START CSMOS | 2R3 | 4 | 0 | 3,898,080:77:0 |
| 1355 | 97 | 94 | 11:09:43.533 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *3471.66 +/- 3 | 2R3 | 4 | 0 | 3,898,080:83:8 |
| 1356 | 97 | 94 | 11:09:44.933 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *3471.54 +/- 3 | 2R3 | 4 | 0 | 3,898,080:85:9 |
| 1357 | 97 | 94 | 11:09:44.933 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC 3471.54 +/- 3 | 2R3 | 4 | 0 | 3,898,080:85:9 |
| 1358 | 97 | 94 | 11:09:45.000 | 175FR176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R3 | 4 | 0 | 3,898,080:86:0 |
| 1359 | 97 | 94 | 11:09:48.333 | 117FR105A106A4A | **7STRP** | **0.015701,0.0,0,0** | **Slew =,0.02** | 2R3 | 4 | 0 | 3,898,081:00:0 |
| **1360** | **97** | **94** | **11:09:48.379** | **G7JNHOTMAP01-** | **NIMPBK** | **301EC** | **NIMS JUPITER HOTMAP OBSERVATION** | **2R3** | **4** | **0** | **: :** |
| **1361** | **97** | **94** | **11:15:47.044** | **G7JNHOTMAP01-** | **NIMPBK** | **301EJ** | **NIMS JUPITER HOTMAP OBSERVATION** | **2R3** | **4** | **0** | **: :** |
| **1362** | **97** | **94** | **11:15:55.711** | **G7JNHOTMAP01-** | **DESELC** | **300EC** | **NIMS JUPITER HOTMAP OBSERVATION** | **2R3** | **4** | **0** | **: :** |
| **1363** | **97** | **94** | **11:20:55.711** | **G7JNHOTMAP01-** | **DESELC** | **300EJ** | **NIMS JUPITER HOTMAP OBSERVATION** | **2R3** | **4** | **0** | **: :** |
| 1364 | 97 | 94 | 11:22:57.000 | 117FR11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R3 | 4 | 0 | 3,898,094:00:0 |
| 1365 | 97 | 94 | 11:22:59.666 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *3285.27 +/- 3 | 2R3 | 4 | 0 | 3,898,094:04:0 |
| 1366 | 97 | 94 | 11:22:59.666 | 175FR422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,898,094:04:0 |
| 1367 | 97 | 94 | 11:22:59.666 | 175FR6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R3 | 4 | 0 | 3,898,094:04:0 |
| 1368 | 97 | 94 | 11:32:01.666 | 165GD4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,898,102:89:0 |
| 1369 | 97 | 94 | 11:32:02.333 | 165GD4B | 7SCAN | NORM,342.473999, | Check S/P Position | 2R3 | 4 | 0 | 3,898,102:90:0 |
| 1370 | 97 | 94 | 11:35:07.666 | 488AV6B | 6TMSED | NORM,CL3 | Sci, Eng, and D/L Chan | 2R3 | 4 | 0 | 3,898,106:04:0 |
| **1371** | **97** | **94** | **11:35:09.066** | **G7JNHOTMAP01-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** |
| 1372 | 97 | 94 | 11:35:56.333 | 117GD | **CSMOS** | GS | ***** GROUP START CSMOS | 2R3 | 4 | 0 | 3,898,106:77:0 |
| 1373 | 97 | 94 | 11:36:05.666 | 117GD105A106A4A | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,107:00:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1374 | 97 | 94 | 11:36:05.666 | 176GD6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 2R3 | 4 | 0 | 3,898,107:00:0 | |
| 1375 | 97 | 94 | 11:37:09.000 | 117GD105A106A4B | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,108:04:0 | |
| 1376 | 97 | 94 | 11:37:19.666 | 117GD105A106A4C | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,108:20:0 | |
| 1377 | 97 | 94 | 11:38:23.000 | 117GD105A106A4D | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,109:24:0 | |
| 1378 | 97 | 94 | 11:38:33.666 | 117GD105A106A4E | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,109:40:0 | |
| 1379 | 97 | 94 | 11:39:37.000 | 117GD105A106A4F | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,110:44:0 | |
| 1380 | 97 | 94 | 11:39:47.666 | 117GD105A106A4G | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,110:60:0 | |
| 1381 | 97 | 94 | 11:40:51.000 | 117GD105A106A4H | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,111:64:0 | |
| 1382 | 97 | 94 | 11:41:01.666 | 117GD105A106A4I | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,111:80:0 | |
| 1383 | 97 | 94 | 11:42:05.000 | 117GD105A106A4J | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,112:84:0 | |
| 1384 | 97 | 94 | 11:42:15.666 | 117GD105A106A4K | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,113:09:0 | |
| 1385 | 97 | 94 | 11:43:19.000 | 117GD105A106A4L | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,114:13:0 | |
| 1386 | 97 | 94 | 11:43:29.666 | 117GD105A106A4M | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,114:29:0 | |
| 1387 | 97 | 94 | 11:44:33.000 | 117GD105A106A4N | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,115:33:0 | |
| 1388 | 97 | 94 | 11:44:43.666 | 117GD105A106A4O | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,115:49:0 | |
| 1389 | 97 | 94 | 11:45:47.000 | 117GD105A106A4P | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,116:53:0 | |
| 1390 | 97 | 94 | 11:45:57.666 | 117GD105A106A4Q | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,116:69:0 | |
| 1391 | 97 | 94 | 11:47:01.000 | 117GD105A106A4R | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,117:73:0 | |
| 1392 | 97 | 94 | 11:47:11.666 | 117GD105A106A4S | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,117:89:0 | |
| 1393 | 97 | 94 | 11:48:15.000 | 117GD105A106A4T | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,119:02:0 | |
| 1394 | 97 | 94 | 11:48:25.666 | 117GD105A106A4U | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,119:18:0 | |
| 1395 | 97 | 94 | 11:48:45.533 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *3286.63 +/- 3 | 2R3 | 4 | 0 | 3,898,119:47:8 | |
| 1396 | 97 | 94 | 11:48:46.933 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *3286.51 +/- 3 | 2R3 | 4 | 0 | 3,898,119:49:9 | |
| 1397 | 97 | 94 | 11:49:05.000 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *3282.27 +/- 3 | 2R3 | 4 | 0 | 3,898,119:77:0 | |
| 1398 | 97 | 94 | 11:49:25.000 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *3277.59 +/- 3 | 2R3 | 4 | 0 | 3,898,120:16:0 | |
| 1399 | 97 | 94 | 11:49:29.000 | 117GD105A106A4V | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,120:22:0 | |
| 1400 | 97 | 94 | 11:49:39.666 | 117GD105A106A4W | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,120:38:0 | |
| 1401 | 97 | 94 | 11:50:43.000 | 117GD105A106A4X | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,121:42:0 | |
| 1402 | 97 | 94 | 11:50:53.666 | 117GD105A106A4Y | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,121:58:0 | |
| 1403 | 97 | 94 | 11:51:57.000 | 117GD105A106A4Z | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,122:62:0 | |
| 1404 | 97 | 94 | 11:52:07.666 | 117GD105A106A4AA | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,122:78:0 | |
| 1405 | 97 | 94 | 11:53:11.000 | 117GD105A106A4AB | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,123:82:0 | |
| 1406 | 97 | 94 | 11:53:21.666 | 117GD105A106A4AC | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,124:07:0 | |
| 1407 | 97 | 94 | 11:54:25.000 | 117GD105A106A4AD | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,125:11:0 | |
| 1408 | 97 | 94 | 11:54:35.666 | 117GD105A106A4AE | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,125:27:0 | |
| 1409 | 97 | 94 | 11:55:39.000 | 117GD105A106A4AF | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,126:31:0 | |
| 1410 | 97 | 94 | 11:55:49.666 | 117GD105A106A4AG | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,126:47:0 | |
| 1411 | 97 | 94 | 11:56:53.000 | 117GD105A106A4AH | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,127:51:0 | |
| 1412 | 97 | 94 | 11:57:03.666 | 117GD105A106A4AI | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,127:67:0 | |
| 1413 | 97 | 94 | 11:58:07.000 | 117GD105A106A4AJ | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,128:71:0 | |
| 1414 | 97 | 94 | 11:58:17.666 | 117GD105A106A4AK | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,128:87:0 | |
| 1415 | 97 | 94 | 11:59:21.000 | 117GD105A106A4AL | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,130:00:0 | |
| 1416 | 97 | 94 | 11:59:31.666 | 117GD105A106A4AM | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,130:16:0 | |
| 1417 | 97 | 94 | 12:00:35.000 | 117GD105A106A4AN | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,131:20:0 | |
| 1418 | 97 | 94 | 12:00:45.666 | 117GD105A106A4AO | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,131:36:0 | |
| 1419 | 97 | 94 | 12:01:47.533 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *3278.94 +/- 3 | 2R3 | 4 | 0 | 3,898,132:37:8 | |
| 1420 | 97 | 94 | 12:01:48.933 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *3278.82 +/- 3 | 2R3 | 4 | 0 | 3,898,132:39:9 | |
| 1421 | 97 | 94 | 12:01:49.000 | 117GD105A106A4AP | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,132:40:0 | |
| 1422 | 97 | 94 | 12:01:59.666 | 117GD105A106A4AQ | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,132:56:0 | |
| 1423 | 97 | 94 | 12:02:07.000 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *3274.59 +/- 3 | 2R3 | 4 | 0 | 3,898,132:67:0 | |
| 1424 | 97 | 94 | 12:02:27.000 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *3269.90 +/- 3 | 2R3 | 4 | 0 | 3,898,133:06:0 | |
| 1425 | 97 | 94 | 12:03:03.000 | 117GD105A106A4AR | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,133:60:0 | |
| 1426 | 97 | 94 | 12:03:13.666 | 117GD105A106A4AS | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,133:76:0 | |
| 1427 | 97 | 94 | 12:04:17.000 | 117GD105A106A4AT | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,134:80:0 | |
| 1428 | 97 | 94 | 12:04:27.666 | 117GD105A106A4AU | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,135:05:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1429 | 97 | 94 | 12:04:32.333 | 20MU6A | 6CKSUM | MAG,4040,46F0 | | 2R3 | 4 | 0 | 3,898,135 | 12:0 |
| 1430 | 97 | 94 | 12:05:30.333 | 480MU6A | 6MROH | 12,2282,0,A2 | read from LLM1A12,2282,0,A2 | 2R3 | 4 | 0 | 3,898,136 | 08:0 |
| 1431 | 97 | 94 | 12:05:30.333 | 480MU6 | 6MROH | 12 | read from LLM1A12,2282,0,A2 | 2R3 | 4 | 0 | 3,898,136 | 08:0 |
| 1432 | 97 | 94 | 12:05:31.000 | 117GD105A106A4AV | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,136 | 09:0 |
| 1433 | 97 | 94 | 12:05:41.666 | 117GD105A106A4AW | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,136 | 25:0 |
| 1434 | 97 | 94 | 12:06:45.000 | 117GD105A106A4AX | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,137 | 29:0 |
| 1435 | 97 | 94 | 12:06:55.666 | 117GD105A106A4AY | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,137 | 45:0 |
| 1436 | 97 | 94 | 12:07:59.000 | 117GD105A106A4AZ | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,138 | 49:0 |
| 1437 | 97 | 94 | 12:08:09.666 | 117GD105A106A4BA | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,138 | 65:0 |
| 1438 | 97 | 94 | 12:09:13.000 | 117GD105A106A4BB | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,139 | 69:0 |
| 1439 | 97 | 94 | 12:09:23.666 | 117GD105A106A4BC | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,139 | 85:0 |
| 1440 | 97 | 94 | 12:10:27.000 | 117GD105A106A4BD | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,140 | 89:0 |
| 1441 | 97 | 94 | 12:10:37.666 | 117GD105A106A4BE | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,141 | 14:0 |
| 1442 | 97 | 94 | 12:11:41.000 | 117GD105A106A4BF | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,142 | 18:0 |
| 1443 | 97 | 94 | 12:11:51.666 | 117GD105A106A4BG | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,142 | 34:0 |
| 1444 | 97 | 94 | 12:12:55.000 | 117GD105A106A4BH | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,143 | 38:0 |
| 1445 | 97 | 94 | 12:13:05.666 | 117GD105A106A4BI | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,143 | 54:0 |
| 1446 | 97 | 94 | 12:14:09.000 | 117GD105A106A4BJ | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,144 | 58:0 |
| 1447 | 97 | 94 | 12:14:19.666 | 117GD105A106A4BK | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,144 | 74:0 |
| 1448 | 97 | 94 | 12:14:50.200 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *3271.25 +/- 3 | 2R3 | 4 | 0 | 3,898,145 | 28:8 |
| 1449 | 97 | 94 | 12:14:51.600 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *3271.13 +/- 3 | 2R3 | 4 | 0 | 3,898,145 | 30:9 |
| 1450 | 97 | 94 | 12:15:09.666 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *3266.90 +/- 3 | 2R3 | 4 | 0 | 3,898,145 | 58:0 |
| 1451 | 97 | 94 | 12:15:23.000 | 117GD105A106A4BL | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,145 | 78:0 |
| 1452 | 97 | 94 | 12:15:29.666 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *3262.21 +/- 3 | 2R3 | 4 | 0 | 3,898,145 | 88:0 |
| 1453 | 97 | 94 | 12:15:33.666 | 117GD105A106A4BM | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,146 | 03:0 |
| 1454 | 97 | 94 | 12:16:37.000 | 117GD105A106A4BN | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,147 | 07:0 |
| 1455 | 97 | 94 | 12:16:47.666 | 117GD105A106A4BO | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,147 | 23:0 |
| 1456 | 97 | 94 | 12:17:51.000 | 117GD105A106A4BP | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,148 | 27:0 |
| 1457 | 97 | 94 | 12:18:01.666 | 117GD105A106A4BQ | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,148 | 43:0 |
| 1458 | 97 | 94 | 12:19:05.000 | 117GD105A106A4BR | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,149 | 47:0 |
| 1459 | 97 | 94 | 12:19:15.666 | 117GD105A106A4BS | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,149 | 63:0 |
| 1460 | 97 | 94 | 12:20:19.000 | 117GD105A106A4BT | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,150 | 67:0 |
| 1461 | 97 | 94 | 12:20:29.666 | 117GD105A106A4BU | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,150 | 83:0 |
| 1462 | 97 | 94 | 12:21:33.000 | 117GD105A106A4BV | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,151 | 87:0 |
| 1463 | 97 | 94 | 12:21:43.666 | 117GD105A106A4BW | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,152 | 12:0 |
| 1464 | 97 | 94 | 12:22:47.000 | 117GD105A106A4BX | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,153 | 16:0 |
| 1465 | 97 | 94 | 12:22:57.666 | 117GD105A106A4BY | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,153 | 32:0 |
| 1466 | 97 | 94 | 12:24:01.000 | 117GD105A106A4BZ | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,154 | 36:0 |
| 1467 | 97 | 94 | 12:24:11.666 | 117GD105A106A4CA | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,154 | 52:0 |
| 1468 | 97 | 94 | 12:25:15.000 | 117GD105A106A4CB | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,155 | 56:0 |
| 1469 | 97 | 94 | 12:25:25.666 | 117GD105A106A4CC | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,155 | 72:0 |
| 1470 | 97 | 94 | 12:26:29.000 | 117GD105A106A4CD | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,156 | 76:0 |
| 1471 | 97 | 94 | 12:26:39.666 | 117GD105A106A4CE | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,157 | 01:0 |
| 1472 | 97 | 94 | 12:27:43.000 | 117GD105A106A4CF | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,158 | 05:0 |
| 1473 | 97 | 94 | 12:27:52.200 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *3263.56 +/- 3 | 2R3 | 4 | 0 | 3,898,158 | 18:8 |
| 1474 | 97 | 94 | 12:27:53.600 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *3263.44 +/- 3 | 2R3 | 4 | 0 | 3,898,158 | 20:9 |
| 1475 | 97 | 94 | 12:27:53.666 | 117GD105A106A4CG | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,158 | 21:0 |
| 1476 | 97 | 94 | 12:28:11.666 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *3259.21 +/- 3 | 2R3 | 4 | 0 | 3,898,158 | 48:0 |
| 1477 | 97 | 94 | 12:28:31.666 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *3254.52 +/- 3 | 2R3 | 4 | 0 | 3,898,158 | 78:0 |
| 1478 | 97 | 94 | 12:28:57.000 | 117GD105A106A4CH | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,159 | 25:0 |
| 1479 | 97 | 94 | 12:29:07.666 | 117GD105A106A4CI | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,159 | 41:0 |
| 1480 | 97 | 94 | 12:30:11.000 | 117GD105A106A4CJ | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,160 | 45:0 |
| 1481 | 97 | 94 | 12:30:21.666 | 117GD105A106A4CK | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,160 | 61:0 |
| 1482 | 97 | 94 | 12:30:41.666 | 488AV6C | 6TMSED | FILL,CL3 | Sci, Eng, and D/L Chan | 2R3 | 4 | 0 | 3,898,161 | 00:0 |
| 1483 | 97 | 94 | 12:31:25.000 | 117GD105A106A4CL | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,161 | 65:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1484 | 97 | 94 | 12:31:35.666 | 117GD105A106A4CM | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,161 | 81:0 |
| 1485 | 97 | 94 | 12:32:39.000 | 117GD105A106A4CN | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,162 | 85:0 |
| 1486 | 97 | 94 | 12:32:49.666 | 117GD105A106A4CO | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,163 | 10:0 |
| 1487 | 97 | 94 | 12:33:53.000 | 117GD105A106A4CP | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,164 | 14:0 |
| 1488 | 97 | 94 | 12:34:03.666 | 117GD105A106A4CQ | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,164 | 30:0 |
| 1489 | 97 | 94 | 12:35:07.000 | 117GD105A106A4CR | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,165 | 34:0 |
| 1490 | 97 | 94 | 12:35:17.666 | 117GD105A106A4CS | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,165 | 50:0 |
| 1491 | 97 | 94 | 12:36:21.000 | 117GD105A106A4CT | 7STRP | -0.002,-0.006961 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,166 | 54:0 |
| 1492 | 97 | 94 | 12:36:31.666 | 117GD105A106A4CU | 7STRP | 0.0,0.006901,0,0 | Slew =,0.28 | 2R3 | 4 | 0 | 3,898,166 | 70:0 |
| 1493 | 97 | 94 | 12:37:35.000 | 176GD6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R3 | 4 | 0 | 3,898,167 | 74:0 |
| 1494 | 97 | 94 | 12:37:35.000 | 117GD11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R3 | 4 | 0 | 3,898,167 | 74:0 |
| 1495 | 97 | 94 | 12:37:44.866 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *3255.88 +/- 3 | 2R3 | 4 | 0 | 3,898,167 | 88:8 |
| 1496 | 97 | 94 | 12:37:46.266 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *3255.76 +/- 3 | 2R3 | 4 | 0 | 3,898,167 | 90:9 |
| 1497 | 97 | 94 | 12:37:47.000 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *3255.59 +/- 3 | 2R3 | 4 | 0 | 3,898,168 | 01:0 |
| 1498 | 97 | 94 | 12:38:03.000 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *3251.84 +/- 3 | 2R3 | 4 | 0 | 3,898,168 | 25:0 |
| 1499 | 97 | 94 | 12:50:53.666 | 165IR4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,898,180 | 89:0 |
| 1500 | 97 | 94 | 12:50:54.333 | 165IR4B | 7SCAN | NORM,0.47,1.3,17 | Check S/P Position | 2R3 | 4 | 0 | 3,898,180 | 90:0 |
| 1501 | 97 | 94 | 12:54:46.333 | 175IR422A6A | 6DMSC | R806,0 | DMS Control Tape runup 806.4kb | 2R3 | 4 | 0 | 3,898,184 | 74:0 |
| 1502 | 97 | 94 | 12:54:54.200 | | DMS: | : *RUNUP | R806, TRACK *2, *REV, TIC *3253.19 +/- 3 | 2R3 | 4 | 0 | 3,898,184 | 85:8 |
| 1503 | 97 | 94 | 12:54:56.333 | 165IR4C | 7VECT | | Inert vect update UTC | 2R3 | 4 | 0 | 3,898,184 | 89:0 |
| 1504 | 97 | 94 | 12:54:57.000 | 165IR4D | 7TMOT | ENA,TMC | Enable IVP - Target Motion | 2R3 | 4 | 0 | 3,898,184 | 90:0 |
| 1505 | 97 | 94 | 12:54:59.000 | 175IR176A6A | 6TMREC | IM8 | 806.4 KBPS IMAGE RECORD Record Mode Chang | 2R3 | 4 | 0 | 3,898,185 | 02:0 |
| 1506 | 97 | 94 | 12:54:59.466 | | DMS: | **: *RECORD** | R806, TRACK 2, REV, TIC *3187.19 +/- 3 | 2R3 | 4 | 0 | 3,898,185 | 02:7 |
| 1507 | 97 | 94 | 12:54:59.466 | | DMS: | : *AT_SPD | R806, TRACK 2, REV, TIC 3187.19 +/- 4 | 2R3 | 4 | 0 | 3,898,185 | 02:7 |
| 1508 | 97 | 94 | 12:55:05.000 | 175IR422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,898,185 | 11:0 |
| 1509 | 97 | 94 | 12:55:05.000 | | DMS: | **: *RUNDOWN** | R806, TRACK 2, REV, TIC *3051.02 +/- 4 | 2R3 | 4 | 0 | 3,898,185 | 11:0 |
| 1510 | 97 | 94 | 12:56:57.666 | 165GU4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,898,186 | 89:0 |
| 1511 | 97 | 94 | 12:56:58.333 | 165GU4B | 7SCAN | NORM,349.831997, | Check S/P Position | 2R3 | 4 | 0 | 3,898,186 | 90:0 |
| 1512 | 97 | 94 | 12:58:51.000 | 117GU | **CSMOS** | GS | ***** GROUP START CSMOS | 2R3 | 4 | 0 | 3,898,188 | 77:0 |
| 1513 | 97 | 94 | 12:59:00.333 | 176GU6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 2R3 | 4 | 0 | 3,898,189 | 00:0 |
| 1514 | 97 | 94 | 12:59:00.333 | 117GU105A106A4A | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,189 | 00:0 |
| 1515 | 97 | 94 | 13:00:09.000 | 117GU105A106A4B | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,190 | 12:0 |
| 1516 | 97 | 94 | 13:00:21.000 | 117GU105A106A4C | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,190 | 30:0 |
| 1517 | 97 | 94 | 13:01:29.666 | 117GU105A106A4D | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,191 | 42:0 |
| 1518 | 97 | 94 | 13:01:41.666 | 117GU105A106A4E | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,191 | 60:0 |
| 1519 | 97 | 94 | 13:02:45.666 | 488AV6D | 6TMSED | NORM,CL3 | Sci, Eng, and D/L Chan | 2R3 | 4 | 0 | 3,898,192 | 65:0 |
| 1520 | 97 | 94 | 13:02:50.333 | 117GU105A106A4F | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,192 | 72:0 |
| 1521 | 97 | 94 | 13:03:02.333 | 117GU105A106A4G | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,192 | 90:0 |
| 1522 | 97 | 94 | 13:04:11.000 | 117GU105A106A4H | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,194 | 11:0 |
| 1523 | 97 | 94 | 13:04:23.000 | 117GU105A106A4I | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,194 | 29:0 |
| 1524 | 97 | 94 | 13:05:31.666 | 117GU105A106A4J | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,195 | 41:0 |
| 1525 | 97 | 94 | 13:05:43.666 | 117GU105A106A4K | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,195 | 59:0 |
| 1526 | 97 | 94 | 13:06:52.333 | 117GU105A106A4L | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,196 | 71:0 |
| 1527 | 97 | 94 | 13:07:04.333 | 117GU105A106A4M | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,196 | 89:0 |
| 1528 | 97 | 94 | 13:08:13.000 | 117GU105A106A4N | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,198 | 10:0 |
| 1529 | 97 | 94 | 13:08:25.000 | 117GU105A106A4O | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,198 | 28:0 |
| 1530 | 97 | 94 | 13:09:33.666 | 117GU105A106A4P | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,199 | 40:0 |
| 1531 | 97 | 94 | 13:09:45.666 | 117GU105A106A4Q | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,199 | 58:0 |
| 1532 | 97 | 94 | 13:10:54.333 | 117GU105A106A4R | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,200 | 70:0 |
| 1533 | 97 | 94 | 13:11:06.333 | 117GU105A106A4S | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,200 | 88:0 |
| 1534 | 97 | 94 | 13:11:43.533 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *3040.93 +/- 4 | 2R3 | 4 | 0 | 3,898,201 | 52:8 |
| 1535 | 97 | 94 | 13:11:44.933 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *3040.81 +/- 4 | 2R3 | 4 | 0 | 3,898,201 | 54:9 |
| 1536 | 97 | 94 | 13:12:00.333 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *3037.20 +/- 4 | 2R3 | 4 | 0 | 3,898,201 | 78:0 |
| 1537 | 97 | 94 | 13:12:15.000 | 117GU105A106A4T | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,202 | 09:0 |
| 1538 | 97 | 94 | 13:12:20.333 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *3032.52 +/- 4 | 2R3 | 4 | 0 | 3,898,202 | 17:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1539 | 97 | 94 | 13:12:27.000 | 117GU105A106A4U | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,202:27:0 | |
| 1540 | 97 | 94 | 13:13:35.666 | 117GU105A106A4V | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,203:39:0 | |
| 1541 | 97 | 94 | 13:13:47.666 | 117GU105A106A4W | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,203:57:0 | |
| 1542 | 97 | 94 | 13:14:56.333 | 117GU105A106A4X | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,204:69:0 | |
| 1543 | 97 | 94 | 13:15:08.333 | 117GU105A106A4Y | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,204:87:0 | |
| 1544 | 97 | 94 | 13:16:17.000 | 117GU105A106A4Z | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,206:08:0 | |
| 1545 | 97 | 94 | 13:16:29.000 | 117GU105A106A4AA | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,206:26:0 | |
| 1546 | 97 | 94 | 13:17:37.666 | 117GU105A106A4AB | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,207:38:0 | |
| 1547 | 97 | 94 | 13:17:49.666 | 117GU105A106A4AC | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,207:56:0 | |
| 1548 | 97 | 94 | 13:18:58.333 | 117GU105A106A4AD | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,208:68:0 | |
| 1549 | 97 | 94 | 13:19:10.333 | 117GU105A106A4AE | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,208:86:0 | |
| 1550 | 97 | 94 | 13:19:39.666 | 488AV6E | 6TMSED | NORM,CL4 | Sci, Eng, and D/L Chan | 2R3 | 4 | 0 | 3,898,209:39:0 | |
| 1551 | 97 | 94 | 13:20:19.000 | 117GU105A106A4AF | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,210:07:0 | |
| 1552 | 97 | 94 | 13:20:31.000 | 117GU105A106A4AG | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,210:25:0 | |
| 1553 | 97 | 94 | 13:21:39.666 | 117GU105A106A4AH | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,211:37:0 | |
| 1554 | 97 | 94 | 13:21:51.666 | 117GU105A106A4AI | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,211:55:0 | |
| 1555 | 97 | 94 | 13:23:00.333 | 117GU105A106A4AJ | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,212:67:0 | |
| 1556 | 97 | 94 | 13:23:12.333 | 117GU105A106A4AK | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,212:85:0 | |
| 1557 | 97 | 94 | 13:24:21.000 | 117GU105A106A4AL | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,214:06:0 | |
| 1558 | 97 | 94 | 13:24:33.000 | 117GU105A106A4AM | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,214:24:0 | |
| 1559 | 97 | 94 | 13:24:45.533 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *3033.87 +/- 4 | 2R3 | 4 | 0 | 3,898,214:42:8 | |
| 1560 | 97 | 94 | 13:24:46.933 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *3033.75 +/- 4 | 2R3 | 4 | 0 | 3,898,214:44:9 | |
| 1561 | 97 | 94 | 13:25:02.333 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *3030.14 +/- 4 | 2R3 | 4 | 0 | 3,898,214:68:0 | |
| 1562 | 97 | 94 | 13:25:22.333 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *3025.45 +/- 4 | 2R3 | 4 | 0 | 3,898,215:07:0 | |
| 1563 | 97 | 94 | 13:25:41.666 | 117GU105A106A4AN | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,215:36:0 | |
| 1564 | 97 | 94 | 13:25:53.666 | 117GU105A106A4AO | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,215:54:0 | |
| 1565 | 97 | 94 | 13:27:02.333 | 117GU105A106A4AP | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,216:66:0 | |
| 1566 | 97 | 94 | 13:27:14.333 | 117GU105A106A4AQ | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,216:84:0 | |
| 1567 | 97 | 94 | 13:28:23.000 | 117GU105A106A4AR | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,218:05:0 | |
| 1568 | 97 | 94 | 13:28:35.000 | 117GU105A106A4AS | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,218:23:0 | |
| 1569 | 97 | 94 | 13:29:43.666 | 117GU105A106A4AT | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,219:35:0 | |
| 1570 | 97 | 94 | 13:29:55.666 | 117GU105A106A4AU | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,219:53:0 | |
| 1571 | 97 | 94 | 13:31:04.333 | 117GU105A106A4AV | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,220:65:0 | |
| 1572 | 97 | 94 | 13:31:16.333 | 117GU105A106A4AW | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,220:83:0 | |
| 1573 | 97 | 94 | 13:32:25.000 | 117GU105A106A4AX | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,222:04:0 | |
| 1574 | 97 | 94 | 13:32:37.000 | 117GU105A106A4AY | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,222:22:0 | |
| 1575 | 97 | 94 | 13:33:45.666 | 117GU105A106A4AZ | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,223:34:0 | |
| 1576 | 97 | 94 | 13:33:57.666 | 117GU105A106A4BA | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,223:52:0 | |
| 1577 | 97 | 94 | 13:35:06.333 | 117GU105A106A4BB | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,224:64:0 | |
| 1578 | 97 | 94 | 13:35:18.333 | 117GU105A106A4BC | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,224:82:0 | |
| 1579 | 97 | 94 | 13:36:27.000 | 117GU105A106A4BD | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,226:03:0 | |
| 1580 | 97 | 94 | 13:36:39.000 | 117GU105A106A4BE | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,226:21:0 | |
| 1581 | 97 | 94 | 13:37:47.533 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *3026.81 +/- 4 | 2R3 | 4 | 0 | 3,898,227:32:8 | |
| 1582 | 97 | 94 | 13:37:47.666 | 117GU105A106A4BF | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,227:33:0 | |
| 1583 | 97 | 94 | 13:37:48.933 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *3026.69 +/- 4 | 2R3 | 4 | 0 | 3,898,227:34:9 | |
| 1584 | 97 | 94 | 13:37:59.666 | 117GU105A106A4BG | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,227:51:0 | |
| 1585 | 97 | 94 | 13:38:04.333 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *3023.08 +/- 4 | 2R3 | 4 | 0 | 3,898,227:58:0 | |
| 1586 | 97 | 94 | 13:38:24.333 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *3018.39 +/- 4 | 2R3 | 4 | 0 | 3,898,227:88:0 | |
| 1587 | 97 | 94 | 13:39:08.333 | 117GU105A106A4BH | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,228:63:0 | |
| 1588 | 97 | 94 | 13:39:20.333 | 117GU105A106A4BI | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,228:81:0 | |
| 1589 | 97 | 94 | 13:40:29.000 | 117GU105A106A4BJ | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,230:02:0 | |
| 1590 | 97 | 94 | 13:40:41.000 | 117GU105A106A4BK | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,230:20:0 | |
| 1591 | 97 | 94 | 13:41:49.666 | 117GU105A106A4BL | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,231:32:0 | |
| 1592 | 97 | 94 | 13:42:01.666 | 117GU105A106A4BM | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,231:50:0 | |
| 1593 | 97 | 94 | 13:43:10.333 | 117GU105A106A4BN | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,232:62:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1594 | 97 | 94 | 13:43:22.333 | 117GU105A106A4BO | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,232:80:0 |
| 1595 | 97 | 94 | 13:44:31.000 | 117GU105A106A4BP | 7STRP | -0.002,-0.012922 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,234:01:0 |
| 1596 | 97 | 94 | 13:44:43.000 | 117GU105A106A4BQ | 7STRP | 0.0,0.012802,0,0 | Slew =,0.35 | 2R3 | 4 | 0 | 3,898,234:19:0 |
| 1597 | 97 | 94 | 13:45:51.666 | 176GU6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R3 | 4 | 0 | 3,898,235:31:0 |
| 1598 | 97 | 94 | 13:45:51.666 | 117GU11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R3 | 4 | 0 | 3,898,235:31:0 |
| 1599 | 97 | 94 | 13:46:01.533 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *3019.74 +/- 4 | 2R3 | 4 | 0 | 3,898,235:45:8 |
| 1600 | 97 | 94 | 13:46:02.933 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *3019.62 +/- 4 | 2R3 | 4 | 0 | 3,898,235:47:9 |
| 1601 | 97 | 94 | 13:46:03.666 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *3019.45 +/- 4 | 2R3 | 4 | 0 | 3,898,235:49:0 |
| 1602 | 97 | 94 | 13:46:17.666 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *3016.17 +/- 4 | 2R3 | 4 | 0 | 3,898,235:70:0 |
| 1603 | 97 | 94 | 13:52:34.333 | 165IS4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,898,241:89:0 |
| 1604 | 97 | 94 | 13:52:35.000 | 165IS4B | 7SCAN | NORM,349.629997, | Check S/P Position | 2R3 | 4 | 0 | 3,898,241:90:0 |
| 1605 | 97 | 94 | 13:56:27.000 | 175IS422A6A | 6DMSC | R806,0 | DMS Control Tape runup 806.4kb | 2R3 | 4 | 0 | 3,898,245:74:0 |
| 1606 | 97 | 94 | 13:56:34.866 | | DMS: | : *RUNUP | R806, TRACK *2, *REV, TIC *3017.53 +/- 4 | 2R3 | 4 | 0 | 3,898,245:85:8 |
| 1607 | 97 | 94 | 13:56:39.666 | 175IS176A6A | 6TMREC | IM8 | 806.4 KBPS IMAGE RECORD Record Mode Chang | 2R3 | 4 | 0 | 3,898,246:02:0 |
| 1608 | 97 | 94 | 13:56:40.133 | | DMS: | : *AT_SPD | R806, TRACK 2, REV, TIC 2951.53 +/- 4 | 2R3 | 4 | 0 | 3,898,246:02:7 |
| 1609 | 97 | 94 | 13:56:40.133 | | DMS: | **: *RECORD** | R806, TRACK 2, REV, TIC *2951.53 +/- 4 | 2R3 | 4 | 0 | 3,898,246:02:7 |
| 1610 | 97 | 94 | 13:56:46.333 | 175IS422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,898,246:12:0 |
| 1611 | 97 | 94 | 13:56:46.333 | | DMS: | **: *RUNDOWN** | R806, TRACK 2, REV, TIC *2798.95 +/- 4 | 2R3 | 4 | 0 | 3,898,246:12:0 |
| **1612** | **97** | **94** | **13:57:43.066** | **G7NNNIMSLD09-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** |
| **1613** | **97** | **94** | **13:58:43.666** | **20EJ6A** | **6CKSUM** | **NIMS** | **NIMS,1000,14BC** | **2R3** | **4** | **0** | **3,898,248:06:0** |
| **1614** | **97** | **94** | **13:59:44.333** | **20EJ5A** | **37PL** | | **Program Load (halts microprocessor & unwri** | **2R3** | **4** | **0** | **3,898,249:06:0** |
| **1615** | **97** | **94** | **14:00:45.000** | **20EJ5B** | **37MRL** | | **Memory Realocate (software operates from R** | **2R3** | **4** | **0** | **3,898,250:06:0** |
| **1616** | **97** | **94** | **14:01:45.666** | **20EJ6B** | **6MCOPY** | **NIMS** | **NIMS,1000,LLM1A,7300,77F7** | **2R3** | **4** | **0** | **3,898,251:06:0** |
| **1617** | **97** | **94** | **14:02:46.333** | **20EJ6C** | **6MCOPY** | **NIMS** | **NIMS,1598,LLM1A,77F8,781D** | **2R3** | **4** | **0** | **3,898,252:06:0** |
| **1618** | **97** | **94** | **14:03:47.000** | **20EJ5C** | **37IRT** | | **Instrument Reset (goes into POR state)** | **260** | **4** | **0** | **3,898,253:06:0** |
| **1619** | **97** | **94** | **14:04:47.666** | **20EJ5D** | **37MN** | | **Memory Normal (software operates from ROM)** | **260** | **4** | **0** | **3,898,254:06:0** |
| **1620** | **97** | **94** | **14:05:48.333** | **20EJ4A** | **37IST** | **1,2,0,OFF,0,0,0** | **Chopper ON, Sync, Chopper (Ref)** | **2R0** | **4** | **0** | **3,898,255:06:0** |
| **1621** | **97** | **94** | **14:06:49.000** | **20EJ4B** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **2R3** | **4** | **0** | **3,898,256:06:0** |
| **1622** | **97** | **94** | **14:07:49.733** | **G7NNNIMSLD09-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** |
| **1623** | **97** | **94** | **14:08:43.733** | **G7INCHEMIS06-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** |
| 1624 | 97 | 94 | 14:08:45.000 | 165EI4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,898,257:89:0 |
| 1625 | 97 | 94 | 14:08:45.666 | 165EI4B | 7SCAN | NORM,325.585999, | Check S/P Position | 2R3 | 4 | 0 | 3,898,257:90:0 |
| 1626 | 97 | 94 | 14:11:43.666 | 127EI | NIMSTAB | GS | %%%%% GROUP START TAB | 2R3 | 4 | 0 | 3,898,260:84:0 |
| **1627** | **97** | **94** | **14:11:44.333** | **127EI4A** | **37ETB** | **07,C7,02,05,80,0** | **Loads wavelength edit table** | **2R3** | **4** | **0** | **3,898,260:85:0** |
| 1628 | 97 | 94 | 14:11:52.333 | 127EI11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R3 | 4 | 0 | 3,898,261:06:0 |
| 1629 | 97 | 94 | 14:12:36.333 | 175EI422A6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 2R3 | 4 | 0 | 3,898,261:72:0 |
| 1630 | 97 | 94 | 14:12:39.666 | 117EI | **CSMOS** | GS | ***** GROUP START CSMOS | 2R3 | 4 | 0 | 3,898,261:77:0 |
| 1631 | 97 | 94 | 14:12:44.200 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *2788.86 +/- 4 | 2R3 | 4 | 0 | 3,898,261:83:8 |
| 1632 | 97 | 94 | 14:12:45.600 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC 2788.74 +/- 4 | 2R3 | 4 | 0 | 3,898,261:85:9 |
| 1633 | 97 | 94 | 14:12:45.600 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *2788.74 +/- 4 | 2R3 | 4 | 0 | 3,898,261:85:9 |
| 1634 | 97 | 94 | 14:12:45.666 | 175EI176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R3 | 4 | 0 | 3,898,261:86:0 |
| 1635 | 97 | 94 | 14:12:49.000 | 117EI105A106A4A | **7STRP** | **-0.0024,0.0,0,0,** | **Slew =,0.01** | 2R3 | 4 | 0 | 3,898,262:00:0 |
| 1636 | 97 | 94 | 14:16:51.666 | 117EI11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R3 | 4 | 0 | 3,898,266:00:0 |
| 1637 | 97 | 94 | 14:17:03.000 | 175EI422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,898,266:17:0 |
| 1638 | 97 | 94 | 14:17:03.000 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *2728.41 +/- 4 | 2R3 | 4 | 0 | 3,898,266:17:0 |
| 1639 | 97 | 94 | 14:17:03.000 | 175EI6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R3 | 4 | 0 | 3,898,266:17:0 |
| **1640** | **97** | **94** | **14:17:56.399** | **G7INCHEMIS06-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** |
| 1641 | 97 | 94 | 15:48:59.666 | 488AW6A | 6TMSED | NORM,CL5 | Sci, Eng, and D/L Chan | 2R3 | 4 | 0 | 3,898,357:11:0 |
| 1642 | 97 | 94 | 16:14:35.666 | 488AW6B | 6TMSED | NORM,CL6 | Sci, Eng, and D/L Chan | 2R3 | 4 | 0 | 3,898,382:40:0 |
| 1643 | 97 | 94 | 16:30:00.333 | 488AW6C | 6TMSED | NORM,GL6 | Sci, Eng, and D/L Chan | 2R3 | 4 | 0 | 3,898,397:62:0 |
| 1644 | 97 | 94 | 16:30:01.000 | 282NM432A431A6A | 6RCDSL | DDSNCG,PLSDSL,EP | Record Deselect (DDS o | 2R3 | 4 | 0 | 3,898,397:63:0 |
| 1645 | 97 | 94 | 16:30:01.666 | 282NM432A6A | 6RTSL1 | | R/T Select of DDS and | 2R3 | 4 | 0 | 3,898,397:64:0 |
| 1646 | 97 | 94 | 17:11:54.333 | 488AW6D | 6TMSED | FILL,GL6 | Sci, Eng, and D/L Chan | 2R3 | 4 | 0 | 3,898,439:11:0 |
| 1647 | 97 | 94 | 17:33:44.333 | 488AW6E | 6TMSED | NORM,GL6 | Sci, Eng, and D/L Chan | 2R3 | 4 | 0 | 3,898,460:65:0 |
| 1648 | 97 | 94 | 18:33:39.666 | 165HD4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,898,519:89:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1649 | 97 | 94 | 18:33:40.333 | 165HD4B | 7SCAN | NORM,22.727,10.4 | Check S/P Position | 2R3 | 4 | 0 | 3,898,519 | 90:0 |
| 1650 | 97 | 94 | 18:37:34.333 | 117HD | **CSMOS** | GS | ***** GROUP START CSMOS | 2R3 | 4 | 0 | 3,898,523 | 77:0 |
| 1651 | 97 | 94 | 18:37:43.666 | 117HD105A106A4A | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,524 | 00:0 |
| 1652 | 97 | 94 | 18:37:43.666 | 176HD6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 2R3 | 4 | 0 | 3,898,524 | 00:0 |
| 1653 | 97 | 94 | 18:38:59.666 | 117HD105A106A4B | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,525 | 23:0 |
| 1654 | 97 | 94 | 18:39:11.666 | 117HD105A106A4C | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,525 | 41:0 |
| 1655 | 97 | 94 | 18:40:27.666 | 117HD105A106A4D | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,526 | 64:0 |
| 1656 | 97 | 94 | 18:40:39.666 | 117HD105A106A4E | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,526 | 82:0 |
| 1657 | 97 | 94 | 18:41:55.666 | 117HD105A106A4F | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,528 | 14:0 |
| 1658 | 97 | 94 | 18:42:07.666 | 117HD105A106A4G | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,528 | 32:0 |
| 1659 | 97 | 94 | 18:43:23.666 | 117HD105A106A4H | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,529 | 55:0 |
| 1660 | 97 | 94 | 18:43:35.666 | 117HD105A106A4I | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,529 | 73:0 |
| 1661 | 97 | 94 | 18:44:51.666 | 117HD105A106A4J | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,531 | 05:0 |
| 1662 | 97 | 94 | 18:45:03.666 | 117HD105A106A4K | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,531 | 23:0 |
| 1663 | 97 | 94 | 18:46:19.666 | 117HD105A106A4L | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,532 | 46:0 |
| 1664 | 97 | 94 | 18:46:31.666 | 117HD105A106A4M | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,532 | 64:0 |
| 1665 | 97 | 94 | 18:47:47.666 | 117HD105A106A4N | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,533 | 87:0 |
| 1666 | 97 | 94 | 18:47:59.666 | 117HD105A106A4O | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,534 | 14:0 |
| 1667 | 97 | 94 | 18:49:15.666 | 117HD105A106A4P | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,535 | 37:0 |
| 1668 | 97 | 94 | 18:49:27.666 | 117HD105A106A4Q | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,535 | 55:0 |
| 1669 | 97 | 94 | 18:50:26.866 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *2729.77 +/- 4 | 2R3 | 4 | 0 | 3,898,536 | 52:8 |
| 1670 | 97 | 94 | 18:50:28.266 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *2729.65 +/- 4 | 2R3 | 4 | 0 | 3,898,536 | 54:9 |
| 1671 | 97 | 94 | 18:50:43.666 | 117HD105A106A4R | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,536 | 78:0 |
| 1672 | 97 | 94 | 18:50:43.666 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *2726.04 +/- 4 | 2R3 | 4 | 0 | 3,898,536 | 78:0 |
| 1673 | 97 | 94 | 18:50:55.666 | 117HD105A106A4S | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,537 | 05:0 |
| 1674 | 97 | 94 | 18:51:03.666 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *2721.35 +/- 4 | 2R3 | 4 | 0 | 3,898,537 | 17:0 |
| 1675 | 97 | 94 | 18:52:11.666 | 117HD105A106A4T | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,538 | 28:0 |
| 1676 | 97 | 94 | 18:52:23.666 | 117HD105A106A4U | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,538 | 46:0 |
| 1677 | 97 | 94 | 18:53:39.666 | 117HD105A106A4V | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,539 | 69:0 |
| 1678 | 97 | 94 | 18:53:51.666 | 117HD105A106A4W | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,539 | 87:0 |
| 1679 | 97 | 94 | 18:55:07.666 | 117HD105A106A4X | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,541 | 19:0 |
| 1680 | 97 | 94 | 18:55:19.666 | 117HD105A106A4Y | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,541 | 37:0 |
| 1681 | 97 | 94 | 18:56:35.666 | 117HD105A106A4Z | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,542 | 60:0 |
| 1682 | 97 | 94 | 18:56:47.666 | 117HD105A106A4AA | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,542 | 78:0 |
| 1683 | 97 | 94 | 18:58:03.666 | 117HD105A106A4AB | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,544 | 10:0 |
| 1684 | 97 | 94 | 18:58:15.666 | 117HD105A106A4AC | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,544 | 28:0 |
| 1685 | 97 | 94 | 18:59:31.666 | 117HD105A106A4AD | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,545 | 51:0 |
| 1686 | 97 | 94 | 18:59:43.666 | 117HD105A106A4AE | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,545 | 69:0 |
| 1687 | 97 | 94 | 19:00:59.666 | 117HD105A106A4AF | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,547 | 01:0 |
| 1688 | 97 | 94 | 19:01:11.666 | 117HD105A106A4AG | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,547 | 19:0 |
| 1689 | 97 | 94 | 19:02:27.666 | 117HD105A106A4AH | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,548 | 42:0 |
| 1690 | 97 | 94 | 19:02:39.666 | 117HD105A106A4AI | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,548 | 60:0 |
| 1691 | 97 | 94 | 19:03:28.866 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *2722.71 +/- 4 | 2R3 | 4 | 0 | 3,898,549 | 42:8 |
| 1692 | 97 | 94 | 19:03:30.266 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *2722.59 +/- 4 | 2R3 | 4 | 0 | 3,898,549 | 44:9 |
| 1693 | 97 | 94 | 19:03:45.666 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *2718.98 +/- 4 | 2R3 | 4 | 0 | 3,898,549 | 68:0 |
| 1694 | 97 | 94 | 19:03:55.666 | 117HD105A106A4AJ | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,549 | 83:0 |
| 1695 | 97 | 94 | 19:04:05.666 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *2714.29 +/- 4 | 2R3 | 4 | 0 | 3,898,550 | 07:0 |
| 1696 | 97 | 94 | 19:04:07.666 | 117HD105A106A4AK | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,550 | 10:0 |
| 1697 | 97 | 94 | 19:05:23.666 | 117HD105A106A4AL | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,551 | 33:0 |
| 1698 | 97 | 94 | 19:05:35.666 | 117HD105A106A4AM | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,551 | 51:0 |
| 1699 | 97 | 94 | 19:06:51.666 | 117HD105A106A4AN | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,552 | 74:0 |
| 1700 | 97 | 94 | 19:07:03.666 | 117HD105A106A4AO | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,553 | 01:0 |
| 1701 | 97 | 94 | 19:08:19.666 | 117HD105A106A4AP | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,554 | 24:0 |
| 1702 | 97 | 94 | 19:08:31.666 | 117HD105A106A4AQ | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,554 | 42:0 |
| 1703 | 97 | 94 | 19:09:47.666 | 117HD105A106A4AR | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,555 | 65:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1704 | 97 | 94 | 19:09:59.666 | 117HD105A106A4AS | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,555:83:0 | |
| 1705 | 97 | 94 | 19:11:15.666 | 117HD105A106A4AT | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,557:15:0 | |
| 1706 | 97 | 94 | 19:11:27.666 | 117HD105A106A4AU | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,557:33:0 | |
| 1707 | 97 | 94 | 19:12:43.666 | 117HD105A106A4AV | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,558:56:0 | |
| 1708 | 97 | 94 | 19:12:55.666 | 117HD105A106A4AW | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,558:74:0 | |
| 1709 | 97 | 94 | 19:14:11.666 | 117HD105A106A4AX | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,560:06:0 | |
| 1710 | 97 | 94 | 19:14:23.666 | 117HD105A106A4AY | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,560:24:0 | |
| 1711 | 97 | 94 | 19:15:39.666 | 117HD105A106A4AZ | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,561:47:0 | |
| 1712 | 97 | 94 | 19:15:51.666 | 117HD105A106A4BA | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,561:65:0 | |
| 1713 | 97 | 94 | 19:16:30.866 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *2715.64 +/- 4 | 2R3 | 4 | 0 | 3,898,562:32:8 | |
| 1714 | 97 | 94 | 19:16:32.266 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *2715.52 +/- 4 | 2R3 | 4 | 0 | 3,898,562:34:9 | |
| 1715 | 97 | 94 | 19:16:47.666 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *2711.91 +/- 4 | 2R3 | 4 | 0 | 3,898,562:58:0 | |
| 1716 | 97 | 94 | 19:17:07.666 | 117HD105A106A4BB | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,562:88:0 | |
| 1717 | 97 | 94 | 19:17:07.666 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *2707.23 +/- 4 | 2R3 | 4 | 0 | 3,898,562:88:0 | |
| 1718 | 97 | 94 | 19:17:19.666 | 117HD105A106A4BC | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,563:15:0 | |
| 1719 | 97 | 94 | 19:18:35.666 | 117HD105A106A4BD | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,564:38:0 | |
| 1720 | 97 | 94 | 19:18:47.666 | 117HD105A106A4BE | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,564:56:0 | |
| 1721 | 97 | 94 | 19:20:03.666 | 117HD105A106A4BF | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,565:79:0 | |
| 1722 | 97 | 94 | 19:20:15.666 | 117HD105A106A4BG | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,566:06:0 | |
| 1723 | 97 | 94 | 19:21:31.666 | 117HD105A106A4BH | 7STRP | -0.00215,-0.0299 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,567:29:0 | |
| 1724 | 97 | 94 | 19:21:43.666 | 117HD105A106A4BI | 7STRP | 0.0,0.02981,0,0, | Slew =,0.44 | 2R3 | 4 | 0 | 3,898,567:47:0 | |
| 1725 | 97 | 94 | 19:22:59.666 | 176HD6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R3 | 4 | 0 | 3,898,568:70:0 | |
| 1726 | 97 | 94 | 19:22:59.666 | 117HD11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R3 | 4 | 0 | 3,898,568:70:0 | |
| 1727 | 97 | 94 | 19:23:09.533 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *2708.58 +/- 4 | 2R3 | 4 | 0 | 3,898,568:84:8 | |
| 1728 | 97 | 94 | 19:23:10.933 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *2708.46 +/- 4 | 2R3 | 4 | 0 | 3,898,568:86:9 | |
| 1729 | 97 | 94 | 19:23:11.666 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *2708.29 +/- 4 | 2R3 | 4 | 0 | 3,898,568:88:0 | |
| 1730 | 97 | 94 | 19:23:24.333 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *2705.32 +/- 4 | 2R3 | 4 | 0 | 3,898,569:16:0 | |
| 1731 | 97 | 94 | 19:35:20.333 | 165GR4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,898,580:89:0 | |
| 1732 | 97 | 94 | 19:35:21.000 | 165GR4B | 7SCAN | NORM,24.799,10.4 | Check S/P Position | 2R3 | 4 | 0 | 3,898,580:90:0 | |
| 1733 | 97 | 94 | 19:39:15.000 | 117GR | **CSMOS** | GS | ***** GROUP START CSMOS | 2R3 | 4 | 0 | 3,898,584:77:0 | |
| 1734 | 97 | 94 | 19:39:24.333 | 117GR105A106A4A | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,585:00:0 | |
| 1735 | 97 | 94 | 19:39:24.333 | 176GR6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 2R3 | 4 | 0 | 3,898,585:00:0 | |
| 1736 | 97 | 94 | 19:39:57.000 | 117GR105A106A4B | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,585:49:0 | |
| 1737 | 97 | 94 | 19:40:08.333 | 117GR105A106A4C | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,585:66:0 | |
| 1738 | 97 | 94 | 19:40:41.000 | 117GR105A106A4D | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,586:24:0 | |
| 1739 | 97 | 94 | 19:40:52.333 | 117GR105A106A4E | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,586:41:0 | |
| 1740 | 97 | 94 | 19:41:25.000 | 117GR105A106A4F | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,586:90:0 | |
| 1741 | 97 | 94 | 19:41:36.333 | 117GR105A106A4G | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,587:16:0 | |
| 1742 | 97 | 94 | 19:42:09.000 | 117GR105A106A4H | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,587:65:0 | |
| 1743 | 97 | 94 | 19:42:20.333 | 117GR105A106A4I | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,587:82:0 | |
| 1744 | 97 | 94 | 19:42:53.000 | 117GR105A106A4J | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,588:40:0 | |
| 1745 | 97 | 94 | 19:43:04.333 | 117GR105A106A4K | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,588:57:0 | |
| 1746 | 97 | 94 | 19:43:37.000 | 117GR105A106A4L | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,589:15:0 | |
| 1747 | 97 | 94 | 19:43:48.333 | 117GR105A106A4M | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,589:32:0 | |
| 1748 | 97 | 94 | 19:44:21.000 | 117GR105A106A4N | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,589:81:0 | |
| 1749 | 97 | 94 | 19:44:32.333 | 117GR105A106A4O | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,590:07:0 | |
| 1750 | 97 | 94 | 19:45:05.000 | 117GR105A106A4P | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,590:56:0 | |
| 1751 | 97 | 94 | 19:45:16.333 | 117GR105A106A4Q | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,590:73:0 | |
| 1752 | 97 | 94 | 19:45:49.000 | 117GR105A106A4R | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,591:31:0 | |
| 1753 | 97 | 94 | 19:46:00.333 | 117GR105A106A4S | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,591:48:0 | |
| 1754 | 97 | 94 | 19:46:33.000 | 117GR105A106A4T | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,592:06:0 | |
| 1755 | 97 | 94 | 19:46:44.333 | 117GR105A106A4U | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,592:23:0 | |
| 1756 | 97 | 94 | 19:47:17.000 | 117GR105A106A4V | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,592:72:0 | |
| 1757 | 97 | 94 | 19:47:28.333 | 117GR105A106A4W | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,592:89:0 | |
| 1758 | 97 | 94 | 19:48:01.000 | 117GR105A106A4X | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,593:47:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1759 | 97 | 94 | 19:48:12.333 | 117GR105A106A4Y | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,593 | 64:0 |
| 1760 | 97 | 94 | 19:48:45.000 | 117GR105A106A4Z | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,594 | 22:0 |
| 1761 | 97 | 94 | 19:48:56.333 | 117GR105A106A4AA | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,594 | 39:0 |
| 1762 | 97 | 94 | 19:49:29.000 | 117GR105A106A4AB | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,594 | 88:0 |
| 1763 | 97 | 94 | 19:49:40.333 | 117GR105A106A4AC | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,595 | 14:0 |
| 1764 | 97 | 94 | 19:50:13.000 | 117GR105A106A4AD | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,595 | 63:0 |
| 1765 | 97 | 94 | 19:50:24.333 | 117GR105A106A4AE | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,595 | 80:0 |
| 1766 | 97 | 94 | 19:50:57.000 | 117GR105A106A4AF | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,596 | 38:0 |
| 1767 | 97 | 94 | 19:51:08.333 | 117GR105A106A4AG | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,596 | 55:0 |
| 1768 | 97 | 94 | 19:51:41.000 | 117GR105A106A4AH | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,597 | 13:0 |
| 1769 | 97 | 94 | 19:51:52.333 | 117GR105A106A4AI | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,597 | 30:0 |
| 1770 | 97 | 94 | 19:52:07.533 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *2706.67 +/- 4 | 2R3 | 4 | 0 | 3,898,597 | 52:8 |
| 1771 | 97 | 94 | 19:52:08.933 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *2706.55 +/- 4 | 2R3 | 4 | 0 | 3,898,597 | 54:9 |
| 1772 | 97 | 94 | 19:52:24.333 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *2702.95 +/- 4 | 2R3 | 4 | 0 | 3,898,597 | 78:0 |
| 1773 | 97 | 94 | 19:52:25.000 | 117GR105A106A4AJ | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,597 | 79:0 |
| 1774 | 97 | 94 | 19:52:36.333 | 117GR105A106A4AK | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,598 | 05:0 |
| 1775 | 97 | 94 | 19:52:44.333 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *2698.26 +/- 4 | 2R3 | 4 | 0 | 3,898,598 | 17:0 |
| 1776 | 97 | 94 | 19:53:09.000 | 117GR105A106A4AL | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,598 | 54:0 |
| 1777 | 97 | 94 | 19:53:20.333 | 117GR105A106A4AM | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,598 | 71:0 |
| 1778 | 97 | 94 | 19:53:53.000 | 117GR105A106A4AN | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,599 | 29:0 |
| 1779 | 97 | 94 | 19:54:04.333 | 117GR105A106A4AO | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,599 | 46:0 |
| 1780 | 97 | 94 | 19:54:37.000 | 117GR105A106A4AP | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,600 | 04:0 |
| 1781 | 97 | 94 | 19:54:48.333 | 117GR105A106A4AQ | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,600 | 21:0 |
| 1782 | 97 | 94 | 19:55:21.000 | 117GR105A106A4AR | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,600 | 70:0 |
| 1783 | 97 | 94 | 19:55:32.333 | 117GR105A106A4AS | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,600 | 87:0 |
| 1784 | 97 | 94 | 19:56:05.000 | 117GR105A106A4AT | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,601 | 45:0 |
| 1785 | 97 | 94 | 19:56:16.333 | 117GR105A106A4AU | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,601 | 62:0 |
| 1786 | 97 | 94 | 19:56:49.000 | 117GR105A106A4AV | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,602 | 20:0 |
| 1787 | 97 | 94 | 19:57:00.333 | 117GR105A106A4AW | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,602 | 37:0 |
| 1788 | 97 | 94 | 19:57:33.000 | 117GR105A106A4AX | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,602 | 86:0 |
| 1789 | 97 | 94 | 19:57:44.333 | 117GR105A106A4AY | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,603 | 12:0 |
| 1790 | 97 | 94 | 19:58:17.000 | 117GR105A106A4AZ | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,603 | 61:0 |
| 1791 | 97 | 94 | 19:58:28.333 | 117GR105A106A4BA | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,603 | 78:0 |
| 1792 | 97 | 94 | 19:59:01.000 | 117GR105A106A4BB | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,604 | 36:0 |
| 1793 | 97 | 94 | 19:59:12.333 | 117GR105A106A4BC | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,604 | 53:0 |
| 1794 | 97 | 94 | 19:59:45.000 | 117GR105A106A4BD | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,605 | 11:0 |
| 1795 | 97 | 94 | 19:59:56.333 | 117GR105A106A4BE | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,605 | 28:0 |
| 1796 | 97 | 94 | 20:00:29.000 | 117GR105A106A4BF | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,605 | 77:0 |
| 1797 | 97 | 94 | 20:00:40.333 | 117GR105A106A4BG | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,606 | 03:0 |
| 1798 | 97 | 94 | 20:01:13.000 | 117GR105A106A4BH | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,606 | 52:0 |
| 1799 | 97 | 94 | 20:01:24.333 | 117GR105A106A4BI | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,606 | 69:0 |
| 1800 | 97 | 94 | 20:01:57.000 | 117GR105A106A4BJ | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,607 | 27:0 |
| 1801 | 97 | 94 | 20:02:08.333 | 117GR105A106A4BK | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,607 | 44:0 |
| 1802 | 97 | 94 | 20:02:41.000 | 117GR105A106A4BL | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,608 | 02:0 |
| 1803 | 97 | 94 | 20:02:52.333 | 117GR105A106A4BM | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,608 | 19:0 |
| 1804 | 97 | 94 | 20:03:25.000 | 117GR105A106A4BN | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,608 | 68:0 |
| 1805 | 97 | 94 | 20:03:36.333 | 117GR105A106A4BO | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,608 | 85:0 |
| 1806 | 97 | 94 | 20:04:09.000 | 117GR105A106A4BP | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,609 | 43:0 |
| 1807 | 97 | 94 | 20:04:20.333 | 117GR105A106A4BQ | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,609 | 60:0 |
| 1808 | 97 | 94 | 20:04:53.000 | 117GR105A106A4BR | 7STRP | -0.00168,-0.0174 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,610 | 18:0 |
| 1809 | 97 | 94 | 20:05:04.333 | 117GR105A106A4BS | 7STRP | 0.0,0.017302,0,0 | Slew =,0.61 | 2R3 | 4 | 0 | 3,898,610 | 35:0 |
| 1810 | 97 | 94 | 20:05:09.533 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *2699.61 +/- 4 | 2R3 | 4 | 0 | 3,898,610 | 42:8 |
| 1811 | 97 | 94 | 20:05:10.933 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *2699.49 +/- 4 | 2R3 | 4 | 0 | 3,898,610 | 44:9 |
| 1812 | 97 | 94 | 20:05:26.333 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *2695.88 +/- 4 | 2R3 | 4 | 0 | 3,898,610 | 68:0 |
| 1813 | 97 | 94 | 20:05:37.000 | 176GR6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R3 | 4 | 0 | 3,898,610 | 84:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1814 | 97 | 94 | 20:05:37.000 | 117GR11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R3 | 4 | 0 | 3,898,610:84:0 |
| **1815** | **97** | **94** | **20:05:45.666** | **G7JNFEAP6601-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** |
| 1816 | 97 | 94 | 20:05:46.333 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *2691.20 +/- 4 | 2R3 | 4 | 0 | 3,898,611:07:0 |
| 1817 | 97 | 94 | 20:06:41.000 | 165EJ4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,898,611:89:0 |
| 1818 | 97 | 94 | 20:06:41.666 | 165EJ4B | 7SCAN | NORM,29.077,14.9 | Check S/P Position | 2R3 | 4 | 0 | 3,898,611:90:0 |
| 1819 | 97 | 94 | 20:09:39.666 | 127EJ | NIMSTAB | GS | %%%%% GROUP START TAB | 2R3 | 4 | 0 | 3,898,614:84:0 |
| **1820** | **97** | **94** | **20:09:39.666** | **127EJ4A** | **37IOP** | **5,1** | **Short Map, Grating Start Position =01** | **2R5** | **4** | **1** | **3,898,614:84:0** |
| **1821** | **97** | **94** | **20:09:40.333** | **127EJ4B** | **37ETB** | | **Loads wavelength edit table** | **2R5** | **4** | **1** | **3,898,614:85:0** |
| 1822 | 97 | 94 | 20:09:48.333 | 127EJ11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R5 | 4 | 1 | 3,898,615:06:0 |
| 1823 | 97 | 94 | 20:10:32.333 | 175EJ422A6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 2R5 | 4 | 1 | 3,898,615:72:0 |
| 1824 | 97 | 94 | 20:10:35.666 | 117EJ | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,898,615:77:0 |
| 1825 | 97 | 94 | 20:10:40.200 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *2692.21 +/- 4 | 2R5 | 4 | 1 | 3,898,615:83:8 |
| 1826 | 97 | 94 | 20:10:41.600 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC 2692.09 +/- 4 | 2R5 | 4 | 1 | 3,898,615:85:9 |
| 1827 | 97 | 94 | 20:10:41.600 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *2692.09 +/- 4 | 2R5 | 4 | 1 | 3,898,615:85:9 |
| 1828 | 97 | 94 | 20:10:41.666 | 175EJ176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R5 | 4 | 1 | 3,898,615:86:0 |
| 1829 | 97 | 94 | 20:10:45.000 | 117EJ105A106A4A | **7STRP** | **0.032802,0.0,0,0** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,898,616:00:0 |
| **1830** | **97** | **94** | **20:12:06.359** | **G7JNFEAP6601-** | **NIMPBK** | **301DL** | **JUPITER FTR AND PRTL TRK 66 DEG** | **2R5** | **4** | **1** | **: :** |
| **1831** | **97** | **94** | **20:13:15.024** | **G7JNFEAP6601-** | **NIMPBK** | **301EL** | **JUPITER FTR AND PRTL TRK 66 DEG** | **2R5** | **4** | **1** | **: :** |
| **1832** | **97** | **94** | **20:13:25.024** | **G7JNFEAP6601-** | **DESELC** | **300EL** | **JUPITER FTR AND PRTL TRK 66 DEG** | **2R5** | **4** | **1** | **: :** |
| **1833** | **97** | **94** | **20:14:26.358** | **G7JNFEAP6601-** | **DESELC** | **300DL** | **JUPITER FTR AND PRTL TRK 66 DEG** | **2R5** | **4** | **1** | **: :** |
| 1834 | 97 | 94 | 20:15:45.000 | 117EJ11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,898,620:86:0 |
| 1835 | 97 | 94 | 20:15:52.333 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *2619.26 +/- 4 | 2R5 | 4 | 1 | 3,898,621:06:0 |
| 1836 | 97 | 94 | 20:15:52.333 | 175EJ6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,898,621:06:0 |
| 1837 | 97 | 94 | 20:15:52.333 | 175EJ422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,898,621:06:0 |
| **1838** | **97** | **94** | **20:16:53.000** | **G7JNFEAP6601-** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** |
| 1839 | 97 | 94 | 20:17:48.333 | 165EK4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,898,622:89:0 |
| 1840 | 97 | 94 | 20:17:49.000 | 165EK4B | 7SCAN | NORM,27.456,17.0 | Check S/P Position | 2R5 | 4 | 1 | 3,898,622:90:0 |
| **1841** | **97** | **94** | **20:18:00.333** | **G7JNPFTB6601-** | | **-----START------** | | **2R5** | **4** | **1** | **: :** |
| 1842 | 97 | 94 | 20:20:39.000 | 175EK422A6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 2R5 | 4 | 1 | 3,898,625:72:0 |
| 1843 | 97 | 94 | 20:20:42.333 | 117EK | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,898,625:77:0 |
| 1844 | 97 | 94 | 20:20:46.866 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *2620.61 +/- 4 | 2R5 | 4 | 1 | 3,898,625:83:8 |
| 1845 | 97 | 94 | 20:20:48.266 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *2620.49 +/- 4 | 2R5 | 4 | 1 | 3,898,625:85:9 |
| 1846 | 97 | 94 | 20:20:48.266 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC 2620.49 +/- 4 | 2R5 | 4 | 1 | 3,898,625:85:9 |
| 1847 | 97 | 94 | 20:20:48.333 | 175EK176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R5 | 4 | 1 | 3,898,625:86:0 |
| 1848 | 97 | 94 | 20:20:51.666 | 117EK105A106A4A | **7STRP** | **0.0108,0.0,0,0,0** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,898,626:00:0 |
| 1849 | 97 | 94 | 20:22:31.666 | 117EK105A106A4B | **7STRP** | **-0.012001,0.008,** | **Slew =12.01** | 2R5 | 4 | 1 | 3,898,627:59:0 |
| 1850 | 97 | 94 | 20:22:45.000 | 117EK105A106A4C | **7STRP** | **0.0108,0.0,0,0,0** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,898,627:79:0 |
| **1851** | **97** | **94** | **20:22:45.024** | **G7JNPFTB6601-** | **NIMPBK** | **301DM** | **JUPITER PARTIAL FTR TRK B 66 DEG** | **2R5** | **4** | **1** | **: :** |
| **1852** | **97** | **94** | **20:24:15.024** | **G7JNPFTB6601-** | **NIMPBK** | **301EM** | **JUPITER PARTIAL FTR TRK B 66 DEG** | **2R5** | **4** | **1** | **: :** |
| **1853** | **97** | **94** | **20:24:24.358** | **G7JNPFTB6601-** | **DESELC** | **300DM** | **JUPITER PARTIAL FTR TRK B 66 DEG** | **2R5** | **4** | **1** | **: :** |
| 1854 | 97 | 94 | 20:24:25.000 | 117EK11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,898,629:47:0 |
| **1855** | **97** | **94** | **20:24:25.024** | **G7JNPFTB6601-** | **DESELC** | **300EM** | **JUPITER PARTIAL FTR TRK B 66 DEG** | **2R5** | **4** | **1** | **: :** |
| 1856 | 97 | 94 | 20:24:36.333 | 175EK422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,898,629:64:0 |
| 1857 | 97 | 94 | 20:24:36.333 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *2567.04 +/- 4 | 2R5 | 4 | 1 | 3,898,629:64:0 |
| 1858 | 97 | 94 | 20:24:36.333 | 175EK6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,898,629:64:0 |
| 1859 | 97 | 94 | 20:24:53.000 | 165GW4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,898,629:89:0 |
| 1860 | 97 | 94 | 20:24:53.666 | 165GW4B | 7SCAN | NORM,29.263,14.2 | Check S/P Position | 2R5 | 4 | 1 | 3,898,629:90:0 |
| **1861** | **97** | **94** | **20:24:58.333** | **G7JNPFTB6601-** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** |
| **1862** | **97** | **94** | **20:25:11.666** | **G7NNHEALTH04-** | | **-----START------** | | **2R5** | **4** | **1** | **: :** |
| **1863** | **97** | **94** | **20:25:50.333** | **127KF4A** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **2R3** | **4** | **0** | **3,898,630:84:0** |
| 1864 | 97 | 94 | 20:25:50.333 | 127KF | NIMSTAB | GS | %%%%% GROUP START TAB | 2R3 | 4 | 0 | 3,898,630:84:0 |
| **1865** | **97** | **94** | **20:25:51.000** | **127KF4B** | **37ETB** | **07,C7,02,80,44,3** | **Loads wavelength edit table** | **2R3** | **4** | **0** | **3,898,630:85:0** |
| 1866 | 97 | 94 | 20:25:59.000 | 127KF11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R3 | 4 | 0 | 3,898,631:06:0 |
| **1867** | **97** | **94** | **20:26:15.000** | **432EL6A** | **6RTSL2** | **NIMSEL,AACNCG,RT** | **NIMS R/T SELECT** | **2R3** | **4** | **0** | **3,898,631:30:0** |
| 1868 | 97 | 94 | 20:26:46.333 | 117GW | **CSMOS** | GS | ***** GROUP START CSMOS | 2R3 | 4 | 0 | 3,898,631:77:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1869 | 97 | 94 | 20:26:55.666 | 176GW6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 2R3 | 4 | 0 | 3,898,632:00:0 | |
| 1870 | 97 | 94 | 20:26:55.666 | 117GW105A106A4A | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 2R3 | 4 | 0 | 3,898,632:00:0 | |
| **1871** | **97** | **94** | **20:27:14.333** | **432EM6A** | **6RTDS2** | **NIMDSL,AACNCG,RT** | **NIMS R/T DESELECT** | **2R3** | **4** | **0** | **3,898,632:28:0** | |
| 1872 | 97 | 94 | 20:28:01.666 | 117GW105A106A4B | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,633:08:0 | |
| 1873 | 97 | 94 | 20:28:07.000 | 117GW105A106A4C | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 2R3 | 4 | 0 | 3,898,633:16:0 | |
| 1874 | 97 | 94 | 20:29:13.000 | 117GW105A106A4D | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,634:24:0 | |
| 1875 | 97 | 94 | 20:29:18.333 | 117GW105A106A4E | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 2R3 | 4 | 0 | 3,898,634:32:0 | |
| 1876 | 97 | 94 | 20:30:00.333 | 488AX6A | 6TMSED | NORM,EL6 | Sci, Eng, and D/L Chan | 2R3 | 4 | 0 | 3,898,635:04:0 | |
| 1877 | 97 | 94 | 20:30:01.000 | 282NN432A431A6A | 6RCDSL | DDSNCG,PLSDSL,EP | Record Deselect (DDS o | 2R3 | 4 | 0 | 3,898,635:05:0 | |
| 1878 | 97 | 94 | 20:30:01.666 | 282NN432A6A | 6RTSL1 | | R/T Select of DDS and | 2R3 | 4 | 0 | 3,898,635:06:0 | |
| 1879 | 97 | 94 | 20:30:24.333 | 117GW105A106A4F | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,635:40:0 | |
| 1880 | 97 | 94 | 20:30:29.666 | 117GW105A106A4G | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 2R3 | 4 | 0 | 3,898,635:48:0 | |
| **1881** | **97** | **94** | **20:31:02.333** | **G7NNHEALTH04-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** | |
| 1882 | 97 | 94 | 20:31:35.666 | 117GW105A106A4H | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,636:56:0 | |
| 1883 | 97 | 94 | 20:31:41.000 | 117GW105A106A4I | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 2R3 | 4 | 0 | 3,898,636:64:0 | |
| **1884** | **97** | **94** | **20:32:03.000** | **G7NNNIMSLD10-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** | |
| 1885 | 97 | 94 | 20:32:47.000 | 117GW105A106A4J | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,637:72:0 | |
| 1886 | 97 | 94 | 20:32:52.333 | 117GW105A106A4K | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 2R3 | 4 | 0 | 3,898,637:80:0 | |
| **1887** | **97** | **94** | **20:33:03.666** | **20EK6A** | **6CKSUM** | **NIMS** | **NIMS,1000,14BC** | **2R3** | **4** | **0** | **3,898,638:06:0** | |
| 1888 | 97 | 94 | 20:33:58.333 | 117GW105A106A4L | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,638:88:0 | |
| 1889 | 97 | 94 | 20:34:03.666 | 117GW105A106A4M | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 2R3 | 4 | 0 | 3,898,639:05:0 | |
| **1890** | **97** | **94** | **20:34:04.333** | **20EK5A** | **37PL** | | **Program Load (halts microprocessor & unwri** | **2R3** | **4** | **0** | **3,898,639:06:0** | |
| **1891** | **97** | **94** | **20:35:05.000** | **20EK5B** | **37MRL** | | **Memory Realocate (software operates from R** | **2R3** | **4** | **0** | **3,898,640:06:0** | |
| 1892 | 97 | 94 | 20:35:09.666 | 117GW105A106A4N | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,640:13:0 | |
| 1893 | 97 | 94 | 20:35:15.000 | 117GW105A106A4O | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 2R3 | 4 | 0 | 3,898,640:21:0 | |
| **1894** | **97** | **94** | **20:36:05.666** | **20EK6B** | **6MCOPY** | **NIMS** | **NIMS,1000,LLM1A,7300,77F7** | **2R3** | **4** | **0** | **3,898,641:06:0** | |
| 1895 | 97 | 94 | 20:36:21.000 | 117GW105A106A4P | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,641:29:0 | |
| 1896 | 97 | 94 | 20:36:26.333 | 117GW105A106A4Q | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 2R3 | 4 | 0 | 3,898,641:37:0 | |
| **1897** | **97** | **94** | **20:37:06.333** | **20EK6C** | **6MCOPY** | **NIMS** | **NIMS,1598,LLM1A,77F8,781D** | **2R3** | **4** | **0** | **3,898,642:06:0** | |
| 1898 | 97 | 94 | 20:37:32.333 | 117GW105A106A4R | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,642:45:0 | |
| 1899 | 97 | 94 | 20:37:37.666 | 117GW105A106A4S | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 2R3 | 4 | 0 | 3,898,642:53:0 | |
| **1900** | **97** | **94** | **20:38:07.000** | **20EK5C** | **37IRT** | | **Instrument Reset (goes into POR state)** | **260** | **4** | **0** | **3,898,643:06:0** | |
| 1901 | 97 | 94 | 20:38:43.666 | 117GW105A106A4T | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 260 | 4 | 0 | 3,898,643:61:0 | |
| 1902 | 97 | 94 | 20:38:49.000 | 117GW105A106A4U | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 260 | 4 | 0 | 3,898,643:69:0 | |
| **1903** | **97** | **94** | **20:39:07.666** | **20EK5D** | **37MN** | | **Memory Normal (software operates from ROM)** | **260** | **4** | **0** | **3,898,644:06:0** | |
| 1904 | 97 | 94 | 20:39:55.000 | 117GW105A106A4V | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 260 | 4 | 0 | 3,898,644:77:0 | |
| 1905 | 97 | 94 | 20:40:00.333 | 117GW105A106A4W | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 260 | 4 | 0 | 3,898,644:85:0 | |
| **1906** | **97** | **94** | **20:40:08.333** | **20EK4A** | **37IST** | **1,2,0,OFF,0,0,0** | **Chopper ON, Sync, Chopper (Ref)** | **2R0** | **4** | **0** | **3,898,645:06:0** | |
| 1907 | 97 | 94 | 20:41:00.866 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *2568.39 +/- 4 | 2R0 | 4 | 0 | 3,898,645:84:8 | |
| 1908 | 97 | 94 | 20:41:02.266 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *2568.27 +/- 4 | 2R0 | 4 | 0 | 3,898,645:86:9 | |
| 1909 | 97 | 94 | 20:41:06.333 | 117GW105A106A4X | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 2R0 | 4 | 0 | 3,898,646:02:0 | |
| **1910** | **97** | **94** | **20:41:09.000** | **20EK4B** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **2R3** | **4** | **0** | **3,898,646:06:0** | |
| 1911 | 97 | 94 | 20:41:11.666 | 117GW105A106A4Y | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 2R3 | 4 | 0 | 3,898,646:10:0 | |
| 1912 | 97 | 94 | 20:41:17.666 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *2564.66 +/- 4 | 2R3 | 4 | 0 | 3,898,646:19:0 | |
| 1913 | 97 | 94 | 20:41:37.666 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *2559.98 +/- 4 | 2R3 | 4 | 0 | 3,898,646:49:0 | |
| **1914** | **97** | **94** | **20:42:09.666** | **G7NNNIMSLD10-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** | |
| 1915 | 97 | 94 | 20:42:17.666 | 117GW105A106A4Z | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,647:18:0 | |
| 1916 | 97 | 94 | 20:42:23.000 | 117GW105A106A4AA | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 2R3 | 4 | 0 | 3,898,647:26:0 | |
| 1917 | 97 | 94 | 20:43:29.000 | 117GW105A106A4AB | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,648:34:0 | |
| 1918 | 97 | 94 | 20:43:34.333 | 117GW105A106A4AC | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 2R3 | 4 | 0 | 3,898,648:42:0 | |
| 1919 | 97 | 94 | 20:44:40.333 | 117GW105A106A4AD | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,649:50:0 | |
| 1920 | 97 | 94 | 20:44:45.666 | 117GW105A106A4AE | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 2R3 | 4 | 0 | 3,898,649:58:0 | |
| 1921 | 97 | 94 | 20:45:51.666 | 117GW105A106A4AF | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,650:66:0 | |
| 1922 | 97 | 94 | 20:45:57.000 | 117GW105A106A4AG | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 2R3 | 4 | 0 | 3,898,650:74:0 | |
| 1923 | 97 | 94 | 20:47:03.000 | 117GW105A106A4AH | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,651:82:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1924 | 97 | 94 | 20:47:08.333 | 117GW105A106A4AI | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 2R3 | 4 | 0 | 3,898,651:90:0 | |
| 1925 | 97 | 94 | 20:48:14.333 | 117GW105A106A4AJ | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,653:07:0 | |
| 1926 | 97 | 94 | 20:48:19.666 | 117GW105A106A4AK | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 2R3 | 4 | 0 | 3,898,653:15:0 | |
| 1927 | 97 | 94 | 20:49:25.666 | 117GW105A106A4AL | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,654:23:0 | |
| 1928 | 97 | 94 | 20:49:31.000 | 117GW105A106A4AM | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 2R3 | 4 | 0 | 3,898,654:31:0 | |
| 1929 | 97 | 94 | 20:50:37.000 | 117GW105A106A4AN | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,655:39:0 | |
| 1930 | 97 | 94 | 20:50:42.333 | 117GW105A106A4AO | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 2R3 | 4 | 0 | 3,898,655:47:0 | |
| 1931 | 97 | 94 | 20:51:48.333 | 117GW105A106A4AP | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,656:55:0 | |
| 1932 | 97 | 94 | 20:51:53.666 | 117GW105A106A4AQ | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 2R3 | 4 | 0 | 3,898,656:63:0 | |
| 1933 | 97 | 94 | 20:52:59.666 | 117GW105A106A4AR | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,657:71:0 | |
| 1934 | 97 | 94 | 20:53:05.000 | 117GW105A106A4AS | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 2R3 | 4 | 0 | 3,898,657:79:0 | |
| 1935 | 97 | 94 | 20:54:11.000 | 117GW105A106A4AT | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,658:87:0 | |
| 1936 | 97 | 94 | 20:54:16.333 | 117GW105A106A4AU | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 2R3 | 4 | 0 | 3,898,659:04:0 | |
| 1937 | 97 | 94 | 20:55:22.333 | 117GW105A106A4AV | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,660:12:0 | |
| 1938 | 97 | 94 | 20:55:25.533 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *2561.33 +/- 4 | 2R3 | 4 | 0 | 3,898,660:16:8 | |
| 1939 | 97 | 94 | 20:55:26.933 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *2561.21 +/- 4 | 2R3 | 4 | 0 | 3,898,660:18:9 | |
| 1940 | 97 | 94 | 20:55:27.666 | 117GW105A106A4AW | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 2R3 | 4 | 0 | 3,898,660:20:0 | |
| 1941 | 97 | 94 | 20:55:42.333 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *2557.60 +/- 4 | 2R3 | 4 | 0 | 3,898,660:42:0 | |
| 1942 | 97 | 94 | 20:56:02.333 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *2552.91 +/- 4 | 2R3 | 4 | 0 | 3,898,660:72:0 | |
| 1943 | 97 | 94 | 20:56:33.666 | 117GW105A106A4AX | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,661:28:0 | |
| 1944 | 97 | 94 | 20:56:39.000 | 117GW105A106A4AY | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 2R3 | 4 | 0 | 3,898,661:36:0 | |
| 1945 | 97 | 94 | 20:57:45.000 | 117GW105A106A4AZ | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,662:44:0 | |
| 1946 | 97 | 94 | 20:57:50.333 | 117GW105A106A4BA | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 2R3 | 4 | 0 | 3,898,662:52:0 | |
| 1947 | 97 | 94 | 20:58:56.333 | 117GW105A106A4BB | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,663:60:0 | |
| 1948 | 97 | 94 | 20:59:01.666 | 117GW105A106A4BC | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 2R3 | 4 | 0 | 3,898,663:68:0 | |
| 1949 | 97 | 94 | 21:00:07.666 | 117GW105A106A4BD | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,664:76:0 | |
| 1950 | 97 | 94 | 21:00:13.000 | 117GW105A106A4BE | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 2R3 | 4 | 0 | 3,898,664:84:0 | |
| 1951 | 97 | 94 | 21:01:19.000 | 117GW105A106A4BF | 7STRP | 0.019202,-0.0013 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,666:01:0 | |
| 1952 | 97 | 94 | 21:01:24.333 | 117GW105A106A4BG | 7STRP | -0.019502,0.0,0, | Slew =,0.31 | 2R3 | 4 | 0 | 3,898,666:09:0 | |
| 1953 | 97 | 94 | 21:02:30.333 | 117GW11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R3 | 4 | 0 | 3,898,667:17:0 | |
| 1954 | 97 | 94 | 21:06:29.666 | 20MV6A | 6CKSUM | MAG,4040,46F0 | | 2R3 | 4 | 0 | 3,898,671:12:0 | |
| 1955 | 97 | 94 | 21:07:27.666 | 480MV6 | 6MROH | | 12 read from LLM1A12,2282,0,A2 | 2R3 | 4 | 0 | 3,898,672:08:0 | |
| 1956 | 97 | 94 | 21:07:27.666 | 480MV6A | 6MROH | 12,2282,0,A2 | read from LLM1A12,2282,0,A2 | 2R3 | 4 | 0 | 3,898,672:08:0 | |
| 1957 | 97 | 94 | 21:09:50.200 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *2554.27 +/- 4 | 2R3 | 4 | 0 | 3,898,674:39:8 | |
| 1958 | 97 | 94 | 21:09:51.600 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *2554.15 +/- 4 | 2R3 | 4 | 0 | 3,898,674:41:9 | |
| 1959 | 97 | 94 | 21:10:07.000 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *2550.54 +/- 4 | 2R3 | 4 | 0 | 3,898,674:65:0 | |
| 1960 | 97 | 94 | 21:10:27.000 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *2545.85 +/- 4 | 2R3 | 4 | 0 | 3,898,675:04:0 | |
| 1961 | 97 | 94 | 21:10:37.666 | 176GW6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R3 | 4 | 0 | 3,898,675:20:0 | |
| 1962 | 97 | 94 | 21:10:47.533 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *2547.21 +/- 4 | 2R3 | 4 | 0 | 3,898,675:34:8 | |
| 1963 | 97 | 94 | 21:10:48.933 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *2547.09 +/- 4 | 2R3 | 4 | 0 | 3,898,675:36:9 | |
| 1964 | 97 | 94 | 21:10:49.666 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *2546.91 +/- 4 | 2R3 | 4 | 0 | 3,898,675:38:0 | |
| 1965 | 97 | 94 | 21:10:57.000 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *2545.20 +/- 4 | 2R3 | 4 | 0 | 3,898,675:49:0 | |
| **1966** | **97** | **94** | **21:12:29.666** | **G7JNFEAP6602-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** | |
| 1967 | 97 | 94 | 21:13:25.000 | 165EL4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,898,677:89:0 | |
| 1968 | 97 | 94 | 21:13:25.666 | 165EL4B | 7SCAN | NORM,31.142,15.6 | Check S/P Position | 2R3 | 4 | 0 | 3,898,677:90:0 | |
| 1969 | 97 | 94 | 21:14:07.666 | 480MV6B | 6MROH | 12,2282,0,A2 | read from LLM1A12,2282,0,A2 | 2R3 | 4 | 0 | 3,898,678:62:0 | |
| 1970 | 97 | 94 | 21:14:07.666 | 480MV6 | 6MROH | | 12 read from LLM1A12,2282,0,A2 | 2R3 | 4 | 0 | 3,898,678:62:0 | |
| 1971 | 97 | 94 | 21:14:22.333 | 127LE | NIMSTAB | GS | %%%%% GROUP START TAB | 2R3 | 4 | 0 | 3,898,678:84:0 | |
| **1972** | **97** | **94** | **21:14:22.333** | **127LE4A** | **37IOP** | **5,1** | **Short Map, Grating Start Position =01** | **2R5** | **4** | **1** | **3,898,678:84:0** | |
| **1973** | **97** | **94** | **21:14:23.000** | **127LE4B** | **37ETB** | | **Loads wavelength edit table** | **2R5** | **4** | **1** | **3,898,678:85:0** | |
| 1974 | 97 | 94 | 21:14:31.000 | 127LE11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R5 | 4 | 1 | 3,898,679:06:0 | |
| 1975 | 97 | 94 | 21:15:15.000 | 175EL422A6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 2R5 | 4 | 1 | 3,898,679:72:0 | |
| 1976 | 97 | 94 | 21:15:18.333 | 117EL | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,898,679:77:0 | |
| 1977 | 97 | 94 | 21:15:22.866 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *2546.55 +/- 4 | 2R5 | 4 | 1 | 3,898,679:83:8 | |
| 1978 | 97 | 94 | 21:15:24.266 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *2546.43 +/- 4 | 2R5 | 4 | 1 | 3,898,679:85:9 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | 97 | 94 | 21:15:24.266 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC 2546.43 +/- 4 | 2R5 | 4 | 1 | 3,898,679:85:9 | |
| 1980 | 97 | 94 | 21:15:24.333 | 175EL176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R5 | 4 | 1 | 3,898,679:86:0 | |
| 1981 | 97 | 94 | 21:15:27.666 | 117EL105A106A4A | **7STRP** | **0.032802,0.0,0,0** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,898,680:00:0 | |
| **1982** | **97** | **94** | **21:15:27.689** | **G7JNFEAP6602-** | **NIMPBK** | **301EN** | **JUPITER FEATURE TRACK 66 DEG PHA** | **2R5** | **4** | **1** | **: :** | |
| **1983** | **97** | **94** | **21:20:25.022** | **G7JNFEAP6602-** | **DESELC** | **300EN** | **JUPITER FEATURE TRACK 66 DEG PHA** | **2R5** | **4** | **1** | **: :** | |
| 1984 | 97 | 94 | 21:20:27.666 | 117EL11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,898,684:86:0 | |
| 1985 | 97 | 94 | 21:20:35.000 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *2473.60 +/- 4 | 2R5 | 4 | 1 | 3,898,685:06:0 | |
| 1986 | 97 | 94 | 21:20:35.000 | 175EL422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,898,685:06:0 | |
| 1987 | 97 | 94 | 21:20:35.000 | 175EL6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,898,685:06:0 | |
| **1988** | **97** | **94** | **21:20:35.000** | **G7JNFEAP6602-** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** | |
| **1989** | **97** | **94** | **21:21:35.666** | **G7JNPFTB6602-** | | **-----START------** | | **2R5** | **4** | **1** | **: :** | |
| 1990 | 97 | 94 | 21:22:31.000 | 165EM4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,898,686:89:0 | |
| 1991 | 97 | 94 | 21:22:31.666 | 165EM4B | 7SCAN | NORM,30.043,17.9 | Check S/P Position | 2R5 | 4 | 1 | 3,898,686:90:0 | |
| 1992 | 97 | 94 | 21:25:21.666 | 175EM422A6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 2R5 | 4 | 1 | 3,898,689:72:0 | |
| 1993 | 97 | 94 | 21:25:25.000 | 117EM | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,898,689:77:0 | |
| 1994 | 97 | 94 | 21:25:29.533 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *2474.96 +/- 4 | 2R5 | 4 | 1 | 3,898,689:83:8 | |
| 1995 | 97 | 94 | 21:25:30.933 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC 2474.84 +/- 4 | 2R5 | 4 | 1 | 3,898,689:85:9 | |
| 1996 | 97 | 94 | 21:25:30.933 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *2474.84 +/- 4 | 2R5 | 4 | 1 | 3,898,689:85:9 | |
| 1997 | 97 | 94 | 21:25:31.000 | 175EM176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R5 | 4 | 1 | 3,898,689:86:0 | |
| 1998 | 97 | 94 | 21:25:34.333 | 117EM105A106A4A | **7STRP** | **0.0108,0.0,0,0,0** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,898,690:00:0 | |
| **1999** | **97** | **94** | **21:25:34.356** | **G7JNPFTB6602-** | **NIMPBK** | **301EO** | **JUPITER PARTIAL FTR TRK B 66 DEG** | **2R5** | **4** | **1** | **: :** | |
| 2000 | 97 | 94 | 21:27:14.333 | 117EM105A106A4B | **7STRP** | **-0.011701,0.008,** | **Slew =12.01** | 2R5 | 4 | 1 | 3,898,691:59:0 | |
| 2001 | 97 | 94 | 21:27:27.666 | 117EM105A106A4C | **7STRP** | **0.0108,0.0,0,0,0** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,898,691:79:0 | |
| 2002 | 97 | 94 | 21:29:07.666 | 117EM11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,898,693:47:0 | |
| **2003** | **97** | **94** | **21:29:07.689** | **G7JNPFTB6602-** | **DESELC** | **300EO** | **JUPITER PARTIAL FTR TRK B 66 DEG** | **2R5** | **4** | **1** | **: :** | |
| 2004 | 97 | 94 | 21:29:19.000 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *2421.38 +/- 4 | 2R5 | 4 | 1 | 3,898,693:64:0 | |
| 2005 | 97 | 94 | 21:29:19.000 | 175EM422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,898,693:64:0 | |
| 2006 | 97 | 94 | 21:29:19.000 | 175EM6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,898,693:64:0 | |
| **2007** | **97** | **94** | **21:29:41.000** | **G7JNPFTB6602-** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** | |
| **2008** | **97** | **94** | **21:30:41.666** | **G7JNPFC06601-** | | **-----START------** | | **2R5** | **4** | **1** | **: :** | |
| 2009 | 97 | 94 | 21:31:37.000 | 165EN4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,898,695:89:0 | |
| 2010 | 97 | 94 | 21:31:37.666 | 165EN4B | 7SCAN | NORM,31.264,16.2 | Check S/P Position | 2R5 | 4 | 1 | 3,898,695:90:0 | |
| 2011 | 97 | 94 | 21:33:27.000 | 175EN422A6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 2R5 | 4 | 1 | 3,898,697:72:0 | |
| 2012 | 97 | 94 | 21:33:30.333 | 117EN | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,898,697:77:0 | |
| 2013 | 97 | 94 | 21:33:34.866 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *2422.74 +/- 4 | 2R5 | 4 | 1 | 3,898,697:83:8 | |
| 2014 | 97 | 94 | 21:33:36.266 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC 2422.62 +/- 4 | 2R5 | 4 | 1 | 3,898,697:85:9 | |
| 2015 | 97 | 94 | 21:33:36.266 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *2422.62 +/- 4 | 2R5 | 4 | 1 | 3,898,697:85:9 | |
| 2016 | 97 | 94 | 21:33:36.333 | 175EN176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R5 | 4 | 1 | 3,898,697:86:0 | |
| 2017 | 97 | 94 | 21:33:39.666 | 117EN105A106A4A | **7STRP** | **0.032802,0.0,0,0** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,898,698:00:0 | |
| **2018** | **97** | **94** | **21:33:39.689** | **G7JNPFC06601-** | **NIMPBK** | **301EP** | **JUPITER FTR TRK 66 DEG PHASE PT** | **2R5** | **4** | **1** | **: :** | |
| 2019 | 97 | 94 | 21:38:39.666 | 117EN11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,898,702:86:0 | |
| **2020** | **97** | **94** | **21:38:39.688** | **G7JNPFC06601-** | **DESELC** | **300EP** | **JUPITER FTR TRK 66 DEG PHASE PT** | **2R5** | **4** | **1** | **: :** | |
| 2021 | 97 | 94 | 21:38:41.666 | 165GX4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,898,702:89:0 | |
| 2022 | 97 | 94 | 21:38:42.333 | 165GX4B | 7SCAN | NORM,29.941,17.7 | Check S/P Position | 2R5 | 4 | 1 | 3,898,702:90:0 | |
| 2023 | 97 | 94 | 21:38:51.000 | 175EN6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,898,703:12:0 | |
| 2024 | 97 | 94 | 21:38:51.000 | 175EN422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,898,703:12:0 | |
| 2025 | 97 | 94 | 21:38:51.000 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *2348.85 +/- 4 | 2R5 | 4 | 1 | 3,898,703:12:0 | |
| **2026** | **97** | **94** | **21:40:48.333** | **G7JNPFC06601-** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** | |
| 2027 | 97 | 94 | 21:42:36.333 | 117GX | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,898,706:77:0 | |
| 2028 | 97 | 94 | 21:42:45.666 | 176GX6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 2R5 | 4 | 1 | 3,898,707:00:0 | |
| 2029 | 97 | 94 | 21:42:45.666 | 117GX105A106A4A | 7STRP | -0.017502,0.0,0, | Slew =,0.31 | 2R5 | 4 | 1 | 3,898,707:00:0 | |
| 2030 | 97 | 94 | 21:43:45.000 | 117GX105A106A4B | 7STRP | 0.017102,0.0013, | Slew =12.01 | 2R5 | 4 | 1 | 3,898,707:89:0 | |
| 2031 | 97 | 94 | 21:43:50.333 | 117GX105A106A4C | 7STRP | -0.017502,0.0,0, | Slew =,0.31 | 2R5 | 4 | 1 | 3,898,708:06:0 | |
| 2032 | 97 | 94 | 21:44:49.666 | 117GX105A106A4D | 7STRP | 0.017102,0.0013, | Slew =12.01 | 2R5 | 4 | 1 | 3,898,709:04:0 | |
| 2033 | 97 | 94 | 21:44:55.000 | 117GX105A106A4E | 7STRP | -0.017502,0.0,0, | Slew =,0.31 | 2R5 | 4 | 1 | 3,898,709:12:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2034 | 97 | 94 | 21:45:54.333 | 117GX105A106A4F | 7STRP | 0.017102,0.0013, | Slew =12.01 | 2R5 | 4 | 1 | 3,898,710:10:0 | |
| 2035 | 97 | 94 | 21:45:59.666 | 117GX105A106A4G | 7STRP | -0.017502,0.0,0, | Slew =,0.31 | 2R5 | 4 | 1 | 3,898,710:18:0 | |
| 2036 | 97 | 94 | 21:46:59.000 | 117GX105A106A4H | 7STRP | 0.017102,0.0013, | Slew =12.01 | 2R5 | 4 | 1 | 3,898,711:16:0 | |
| 2037 | 97 | 94 | 21:47:04.333 | 117GX105A106A4I | 7STRP | -0.017502,0.0,0, | Slew =,0.31 | 2R5 | 4 | 1 | 3,898,711:24:0 | |
| 2038 | 97 | 94 | 21:48:03.666 | 117GX105A106A4J | 7STRP | 0.017102,0.0013, | Slew =12.01 | 2R5 | 4 | 1 | 3,898,712:22:0 | |
| 2039 | 97 | 94 | 21:48:09.000 | 117GX105A106A4K | 7STRP | -0.017502,0.0,0, | Slew =,0.31 | 2R5 | 4 | 1 | 3,898,712:30:0 | |
| 2040 | 97 | 94 | 21:49:08.333 | 117GX105A106A4L | 7STRP | 0.017102,0.0013, | Slew =12.01 | 2R5 | 4 | 1 | 3,898,713:28:0 | |
| 2041 | 97 | 94 | 21:49:13.666 | 117GX105A106A4M | 7STRP | -0.017502,0.0,0, | Slew =,0.31 | 2R5 | 4 | 1 | 3,898,713:36:0 | |
| 2042 | 97 | 94 | 21:50:13.000 | 117GX105A106A4N | 7STRP | 0.017102,0.0013, | Slew =12.01 | 2R5 | 4 | 1 | 3,898,714:34:0 | |
| 2043 | 97 | 94 | 21:50:18.333 | 117GX105A106A4O | 7STRP | -0.017502,0.0,0, | Slew =,0.31 | 2R5 | 4 | 1 | 3,898,714:42:0 | |
| 2044 | 97 | 94 | 21:51:17.666 | 117GX105A106A4P | 7STRP | 0.017102,0.0013, | Slew =12.01 | 2R5 | 4 | 1 | 3,898,715:40:0 | |
| 2045 | 97 | 94 | 21:51:23.000 | 117GX105A106A4Q | 7STRP | -0.017502,0.0,0, | Slew =,0.31 | 2R5 | 4 | 1 | 3,898,715:48:0 | |
| 2046 | 97 | 94 | 21:52:22.333 | 117GX105A106A4R | 7STRP | 0.017102,0.0013, | Slew =12.01 | 2R5 | 4 | 1 | 3,898,716:46:0 | |
| 2047 | 97 | 94 | 21:52:27.666 | 117GX105A106A4S | 7STRP | -0.017502,0.0,0, | Slew =,0.31 | 2R5 | 4 | 1 | 3,898,716:54:0 | |
| 2048 | 97 | 94 | 21:53:27.000 | 117GX105A106A4T | 7STRP | 0.017102,0.0013, | Slew =12.01 | 2R5 | 4 | 1 | 3,898,717:52:0 | |
| 2049 | 97 | 94 | 21:53:32.333 | 117GX105A106A4U | 7STRP | -0.017502,0.0,0, | Slew =,0.31 | 2R5 | 4 | 1 | 3,898,717:60:0 | |
| 2050 | 97 | 94 | 21:54:31.666 | 117GX105A106A4V | 7STRP | 0.017102,0.0013, | Slew =12.01 | 2R5 | 4 | 1 | 3,898,718:58:0 | |
| 2051 | 97 | 94 | 21:54:37.000 | 117GX105A106A4W | 7STRP | -0.017502,0.0,0, | Slew =,0.31 | 2R5 | 4 | 1 | 3,898,718:66:0 | |
| 2052 | 97 | 94 | 21:55:36.333 | 117GX105A106A4X | 7STRP | 0.017102,0.0013, | Slew =12.01 | 2R5 | 4 | 1 | 3,898,719:64:0 | |
| 2053 | 97 | 94 | 21:55:41.666 | 117GX105A106A4Y | 7STRP | -0.017502,0.0,0, | Slew =,0.31 | 2R5 | 4 | 1 | 3,898,719:72:0 | |
| 2054 | 97 | 94 | 21:56:41.000 | 117GX105A106A4Z | 7STRP | 0.017102,0.0013, | Slew =12.01 | 2R5 | 4 | 1 | 3,898,720:70:0 | |
| 2055 | 97 | 94 | 21:56:46.333 | 117GX105A106A4AA | 7STRP | -0.017502,0.0,0, | Slew =,0.31 | 2R5 | 4 | 1 | 3,898,720:78:0 | |
| 2056 | 97 | 94 | 21:56:48.200 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *2350.21 +/- 4 | 2R5 | 4 | 1 | 3,898,720:80:8 | |
| 2057 | 97 | 94 | 21:56:49.600 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *2350.09 +/- 4 | 2R5 | 4 | 1 | 3,898,720:82:9 | |
| 2058 | 97 | 94 | 21:57:07.666 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *2345.85 +/- 4 | 2R5 | 4 | 1 | 3,898,721:19:0 | |
| 2059 | 97 | 94 | 21:57:27.666 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *2341.16 +/- 4 | 2R5 | 4 | 1 | 3,898,721:49:0 | |
| 2060 | 97 | 94 | 21:57:45.666 | 117GX105A106A4AB | 7STRP | 0.017102,0.0013, | Slew =12.01 | 2R5 | 4 | 1 | 3,898,721:76:0 | |
| 2061 | 97 | 94 | 21:57:51.000 | 117GX105A106A4AC | 7STRP | -0.017502,0.0,0, | Slew =,0.31 | 2R5 | 4 | 1 | 3,898,721:84:0 | |
| 2062 | 97 | 94 | 21:58:50.333 | 117GX11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,898,722:82:0 | |
| 2063 | 97 | 94 | 22:01:33.666 | 176GX6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,898,725:54:0 | |
| 2064 | 97 | 94 | 22:01:43.533 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *2342.52 +/- 4 | 2R5 | 4 | 1 | 3,898,725:68:8 | |
| 2065 | 97 | 94 | 22:01:44.933 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *2342.40 +/- 4 | 2R5 | 4 | 1 | 3,898,725:70:9 | |
| 2066 | 97 | 94 | 22:01:45.666 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *2342.23 +/- 4 | 2R5 | 4 | 1 | 3,898,725:72:0 | |
| 2067 | 97 | 94 | 22:01:56.333 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *2339.73 +/- 4 | 2R5 | 4 | 1 | 3,898,725:88:0 | |
| **2068** | **97** | **94** | **22:04:03.666** | **G7JNFEA53M01-** | | **-----START------** | | **2R5** | **4** | **1** | **: :** | |
| 2069 | 97 | 94 | 22:04:55.666 | 125EO11A | NIMSINIT | GE | ##### GROUP END INIT | 2R5 | 4 | 1 | 3,898,728:84:0 | |
| 2070 | 97 | 94 | 22:04:55.666 | 125EO | NIMSINIT | GS | ##### GROUP START INIT | 2R5 | 4 | 1 | 3,898,728:84:0 | |
| **2071** | **97** | **94** | **22:04:55.666** | **125EO4A** | **37IST** | **0,2,0,OFF,0,1,1** | **Gain State 4** | **4R5** | **4** | **1** | **3,898,728:84:0** | |
| **2072** | **97** | **94** | **22:05:56.333** | **127EO4A** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **4R3** | **4** | **0** | **3,898,729:84:0** | |
| 2073 | 97 | 94 | 22:05:56.333 | 127EO | NIMSTAB | GS | %%%%% GROUP START TAB | 4R3 | 4 | 0 | 3,898,729:84:0 | |
| **2074** | **97** | **94** | **22:05:57.000** | **127EO4B** | **37ETB** | | **Loads wavelength edit table** | **4R3** | **4** | **0** | **3,898,729:85:0** | |
| 2075 | 97 | 94 | 22:05:59.666 | 165EO4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,898,729:89:0 | |
| 2076 | 97 | 94 | 22:06:00.333 | 165EO4B | 7SCAN | NORM,30.685,15.4 | Check S/P Position | 4R3 | 4 | 0 | 3,898,729:90:0 | |
| 2077 | 97 | 94 | 22:06:05.000 | 127EO11A | NIMSTAB | GE | %%%%% GROUP END TAB | 4R3 | 4 | 0 | 3,898,730:06:0 | |
| 2078 | 97 | 94 | 22:06:49.000 | 175EO422A6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 4R3 | 4 | 0 | 3,898,730:72:0 | |
| 2079 | 97 | 94 | 22:06:52.333 | 117EO | **CSMOS** | GS | ***** GROUP START CSMOS | 4R3 | 4 | 0 | 3,898,730:77:0 | |
| 2080 | 97 | 94 | 22:06:56.866 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *2341.08 +/- 4 | 4R3 | 4 | 0 | 3,898,730:83:8 | |
| 2081 | 97 | 94 | 22:06:58.266 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC 2340.96 +/- 4 | 4R3 | 4 | 0 | 3,898,730:85:9 | |
| 2082 | 97 | 94 | 22:06:58.266 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *2340.96 +/- 4 | 4R3 | 4 | 0 | 3,898,730:85:9 | |
| 2083 | 97 | 94 | 22:06:58.333 | 175EO176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 4R3 | 4 | 0 | 3,898,730:86:0 | |
| 2084 | 97 | 94 | 22:07:01.666 | 117EO105A106A4A | **7STRP** | **0.0072,0.0,0,0,0** | **Slew =,0.02** | 4R3 | 4 | 0 | 3,898,731:00:0 | |
| **2085** | **97** | **94** | **22:07:01.687** | **G7JNFEA53M01-** | **NIMPBK** | **301EQ** | **JUPITER CAMPAIGN FEATURE 5 AND 3** | **4R3** | **4** | **0** | **: :** | |
| **2086** | **97** | **94** | **22:12:21.687** | **G7JNFEA53M01-** | **DESELC** | **300EQ** | **JUPITER CAMPAIGN FEATURE 5 AND 3** | **4R3** | **4** | **0** | **: :** | |
| 2087 | 97 | 94 | 22:13:04.333 | 117EO105A106A4B | **7STRP** | **-0.01,0.0,0,0,0,** | **Slew =12.01** | 4R3 | 4 | 0 | 3,898,736:89:0 | |
| 2088 | 97 | 94 | 22:15:05.666 | 117EO105A106A4C | **7STRP** | **0.0072,0.0,0,0,0** | **Slew =,0.02** | 4R3 | 4 | 0 | 3,898,738:89:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2089 | 97 | 94 | 22:21:08.333 | 117EO11A | **CSMOS** | GE | ***** GROUP END CSMOS | 4R3 | 4 | 0 | 3,898,744 | 87:0 |
| 2090 | 97 | 94 | 22:21:22.333 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *2138.45 +/- 4 | 4R3 | 4 | 0 | 3,898,745 | 17:0 |
| 2091 | 97 | 94 | 22:21:22.333 | 175EO6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 4R3 | 4 | 0 | 3,898,745 | 17:0 |
| 2092 | 97 | 94 | 22:21:22.333 | 175EO422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R3 | 4 | 0 | 3,898,745 | 17:0 |
| **2093** | **97** | **94** | **22:21:34.999** | **G7JNFEA53M01-** | | **-----STOP-------** | | **4R3** | **4** | **0** | **: :** | |
| 2094 | 97 | 94 | 22:22:10.333 | 165GY4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,898,745 | 89:0 |
| 2095 | 97 | 94 | 22:22:11.000 | 165GY4B | 7SCAN | NORM,30.735,17.1 | Check S/P Position | 4R3 | 4 | 0 | 3,898,745 | 90:0 |
| **2096** | **97** | **94** | **22:22:15.666** | **G7NNNIMSLD11-** | | **-----START------** | | **4R3** | **4** | **0** | **: :** | |
| **2097** | **97** | **94** | **22:23:16.333** | **20EL6A** | **6CKSUM** | **NIMS** | **NIMS,1000,14BC** | **4R3** | **4** | **0** | **3,898,747** | **06:0** |
| **2098** | **97** | **94** | **22:24:17.000** | **20EL5A** | **37PL** | | **Program Load (halts microprocessor & unwri** | **4R3** | **4** | **0** | **3,898,748** | **06:0** |
| **2099** | **97** | **94** | **22:25:17.666** | **20EL5B** | **37MRL** | | **Memory Realocate (software operates from R** | **4R3** | **4** | **0** | **3,898,749** | **06:0** |
| 2100 | 97 | 94 | 22:26:05.000 | 117GY | **CSMOS** | GS | ***** GROUP START CSMOS | 4R3 | 4 | 0 | 3,898,749 | 77:0 |
| 2101 | 97 | 94 | 22:26:14.333 | 176GY6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 4R3 | 4 | 0 | 3,898,750 | 00:0 |
| 2102 | 97 | 94 | 22:26:14.333 | 117GY105A106A4A | 7STRP | 0.0,0.042526,0,0 | Slew =,0.63 | 4R3 | 4 | 0 | 3,898,750 | 00:0 |
| **2103** | **97** | **94** | **22:26:18.333** | **20EL6B** | **6MCOPY** | **NIMS** | **NIMS,1000,LLM1A,7300,77F7** | **4R3** | **4** | **0** | **3,898,750** | **06:0** |
| **2104** | **97** | **94** | **22:27:19.000** | **20EL6C** | **6MCOPY** | **NIMS** | **NIMS,1598,LLM1A,77F8,781D** | **4R3** | **4** | **0** | **3,898,751** | **06:0** |
| 2105 | 97 | 94 | 22:27:26.333 | 117GY105A106A4B | 7STRP | -0.0018,-0.04252 | Slew =12.01 | 4R3 | 4 | 0 | 3,898,751 | 17:0 |
| 2106 | 97 | 94 | 22:27:37.000 | 117GY105A106A4C | 7STRP | 0.0,0.042526,0,0 | Slew =,0.63 | 4R3 | 4 | 0 | 3,898,751 | 33:0 |
| **2107** | **97** | **94** | **22:28:19.666** | **20EL5C** | **37IRT** | | **Instrument Reset (goes into POR state)** | **260** | **4** | **0** | **3,898,752** | **06:0** |
| 2108 | 97 | 94 | 22:28:49.000 | 117GY105A106A4D | 7STRP | -0.0018,-0.04252 | Slew =12.01 | 260 | 4 | 0 | 3,898,752 | 50:0 |
| 2109 | 97 | 94 | 22:28:59.666 | 117GY105A106A4E | 7STRP | 0.0,0.042526,0,0 | Slew =,0.63 | 260 | 4 | 0 | 3,898,752 | 66:0 |
| **2110** | **97** | **94** | **22:29:20.333** | **20EL5D** | **37MN** | | **Memory Normal (software operates from ROM)** | **260** | **4** | **0** | **3,898,753** | **06:0** |
| 2111 | 97 | 94 | 22:30:11.666 | 117GY105A106A4F | 7STRP | -0.0018,-0.04252 | Slew =12.01 | 260 | 4 | 0 | 3,898,753 | 83:0 |
| **2112** | **97** | **94** | **22:30:21.000** | **20EL4A** | **37IST** | **1,2,0,OFF,0,0,0** | **Chopper ON, Sync, Chopper (Ref)** | **2R0** | **4** | **0** | **3,898,754** | **06:0** |
| 2113 | 97 | 94 | 22:30:22.333 | 117GY105A106A4G | 7STRP | 0.0,0.042526,0,0 | Slew =,0.63 | 2R0 | 4 | 0 | 3,898,754 | 08:0 |
| **2114** | **97** | **94** | **22:31:21.666** | **20EL4B** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **2R3** | **4** | **0** | **3,898,755** | **06:0** |
| 2115 | 97 | 94 | 22:31:34.333 | 117GY105A106A4H | 7STRP | -0.0018,-0.04252 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,755 | 25:0 |
| 2116 | 97 | 94 | 22:31:45.000 | 117GY105A106A4I | 7STRP | 0.0,0.042526,0,0 | Slew =,0.63 | 2R3 | 4 | 0 | 3,898,755 | 41:0 |
| **2117** | **97** | **94** | **22:32:22.332** | **G7NNNIMSLD11-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** | |
| 2118 | 97 | 94 | 22:32:57.000 | 117GY105A106A4J | 7STRP | -0.0018,-0.04252 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,756 | 58:0 |
| 2119 | 97 | 94 | 22:33:07.666 | 117GY105A106A4K | 7STRP | 0.0,0.042526,0,0 | Slew =,0.63 | 2R3 | 4 | 0 | 3,898,756 | 74:0 |
| 2120 | 97 | 94 | 22:34:19.666 | 117GY105A106A4L | 7STRP | -0.0018,-0.04252 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,758 | 00:0 |
| 2121 | 97 | 94 | 22:34:30.333 | 117GY105A106A4M | 7STRP | 0.0,0.042526,0,0 | Slew =,0.63 | 2R3 | 4 | 0 | 3,898,758 | 16:0 |
| 2122 | 97 | 94 | 22:35:42.333 | 117GY105A106A4N | 7STRP | -0.0018,-0.04252 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,759 | 33:0 |
| 2123 | 97 | 94 | 22:35:53.000 | 117GY105A106A4O | 7STRP | 0.0,0.042526,0,0 | Slew =,0.63 | 2R3 | 4 | 0 | 3,898,759 | 49:0 |
| 2124 | 97 | 94 | 22:37:05.000 | 117GY105A106A4P | 7STRP | -0.0018,-0.04252 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,760 | 66:0 |
| 2125 | 97 | 94 | 22:37:15.666 | 117GY105A106A4Q | 7STRP | 0.0,0.042526,0,0 | Slew =,0.63 | 2R3 | 4 | 0 | 3,898,760 | 82:0 |
| 2126 | 97 | 94 | 22:38:27.666 | 117GY105A106A4R | 7STRP | -0.0018,-0.04252 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,762 | 08:0 |
| 2127 | 97 | 94 | 22:38:38.333 | 117GY105A106A4S | 7STRP | 0.0,0.042526,0,0 | Slew =,0.63 | 2R3 | 4 | 0 | 3,898,762 | 24:0 |
| 2128 | 97 | 94 | 22:38:54.200 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *2139.80 +/- 4 | 2R3 | 4 | 0 | 3,898,762 | 47:8 |
| 2129 | 97 | 94 | 22:38:55.600 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *2139.68 +/- 4 | 2R3 | 4 | 0 | 3,898,762 | 49:9 |
| 2130 | 97 | 94 | 22:39:13.666 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *2135.45 +/- 4 | 2R3 | 4 | 0 | 3,898,762 | 77:0 |
| 2131 | 97 | 94 | 22:39:33.666 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *2130.76 +/- 4 | 2R3 | 4 | 0 | 3,898,763 | 16:0 |
| 2132 | 97 | 94 | 22:39:50.333 | 117GY105A106A4T | 7STRP | -0.0018,-0.04252 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,763 | 41:0 |
| 2133 | 97 | 94 | 22:40:01.000 | 117GY105A106A4U | 7STRP | 0.0,0.042526,0,0 | Slew =,0.63 | 2R3 | 4 | 0 | 3,898,763 | 57:0 |
| 2134 | 97 | 94 | 22:41:13.000 | 117GY105A106A4V | 7STRP | -0.0018,-0.04252 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,764 | 74:0 |
| 2135 | 97 | 94 | 22:41:23.666 | 117GY105A106A4W | 7STRP | 0.0,0.042526,0,0 | Slew =,0.63 | 2R3 | 4 | 0 | 3,898,764 | 90:0 |
| 2136 | 97 | 94 | 22:42:35.666 | 117GY105A106A4X | 7STRP | -0.0018,-0.04252 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,766 | 16:0 |
| 2137 | 97 | 94 | 22:42:46.333 | 117GY105A106A4Y | 7STRP | 0.0,0.042526,0,0 | Slew =,0.63 | 2R3 | 4 | 0 | 3,898,766 | 32:0 |
| 2138 | 97 | 94 | 22:43:58.333 | 117GY105A106A4Z | 7STRP | -0.0018,-0.04252 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,767 | 49:0 |
| 2139 | 97 | 94 | 22:44:09.000 | 117GY105A106A4AA | 7STRP | 0.0,0.042526,0,0 | Slew =,0.63 | 2R3 | 4 | 0 | 3,898,767 | 65:0 |
| 2140 | 97 | 94 | 22:45:21.000 | 117GY105A106A4AB | 7STRP | -0.0018,-0.04252 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,768 | 82:0 |
| 2141 | 97 | 94 | 22:45:31.666 | 117GY105A106A4AC | 7STRP | 0.0,0.042526,0,0 | Slew =,0.63 | 2R3 | 4 | 0 | 3,898,769 | 07:0 |
| 2142 | 97 | 94 | 22:46:43.666 | 117GY105A106A4AD | 7STRP | -0.0018,-0.04252 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,770 | 24:0 |
| 2143 | 97 | 94 | 22:46:54.333 | 117GY105A106A4AE | 7STRP | 0.0,0.042526,0,0 | Slew =,0.63 | 2R3 | 4 | 0 | 3,898,770 | 40:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2144 | 97 | 94 | 22:48:06.333 | 117GY105A106A4AF | 7STRP | -0.0018,-0.04252 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,771:57:0 | |
| 2145 | 97 | 94 | 22:48:17.000 | 117GY105A106A4AG | 7STRP | 0.0,0.042526,0,0 | Slew =,0.63 | 2R3 | 4 | 0 | 3,898,771:73:0 | |
| 2146 | 97 | 94 | 22:49:29.000 | 117GY105A106A4AH | 7STRP | -0.0018,-0.04252 | Slew =12.01 | 2R3 | 4 | 0 | 3,898,772:90:0 | |
| 2147 | 97 | 94 | 22:49:39.666 | 117GY105A106A4AI | 7STRP | 0.0,0.042526,0,0 | Slew =,0.63 | 2R3 | 4 | 0 | 3,898,773:15:0 | |
| 2148 | 97 | 94 | 22:50:51.666 | 117GY11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R3 | 4 | 0 | 3,898,774:32:0 | |
| 2149 | 97 | 94 | 22:51:31.000 | 176GY6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R3 | 4 | 0 | 3,898,775:00:0 | |
| 2150 | 97 | 94 | 22:51:40.866 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *2132.11 +/- 4 | 2R3 | 4 | 0 | 3,898,775:14:8 | |
| 2151 | 97 | 94 | 22:51:42.266 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC *2131.99 +/- 4 | 2R3 | 4 | 0 | 3,898,775:16:9 | |
| 2152 | 97 | 94 | 22:51:43.000 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *2131.82 +/- 4 | 2R3 | 4 | 0 | 3,898,775:18:0 | |
| 2153 | 97 | 94 | 22:52:01.666 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *2127.45 +/- 4 | 2R3 | 4 | 0 | 3,898,775:46:0 | |
| **2154** | **97** | **94** | **22:53:36.332** | **G7JNFEA5UM01-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** | |
| 2155 | 97 | 94 | 22:54:31.666 | 165EP4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,898,777:89:0 | |
| 2156 | 97 | 94 | 22:54:32.333 | 165EP4B | 7SCAN | NORM,31.754,15.8 | Check S/P Position | 2R3 | 4 | 0 | 3,898,777:90:0 | |
| **2157** | **97** | **94** | **22:55:29.000** | **125EP4A** | **37IST** | **0,2,0,OFF,0,1,1** | **Gain State 4** | **4R3** | **4** | **0** | **3,898,778:84:0** | |
| 2158 | 97 | 94 | 22:55:29.000 | 125EP11A | NIMSINIT | GE | ##### GROUP END INIT | 4R3 | 4 | 0 | 3,898,778:84:0 | |
| 2159 | 97 | 94 | 22:55:29.000 | 125EP | NIMSINIT | GS | ##### GROUP START INIT | 4R3 | 4 | 0 | 3,898,778:84:0 | |
| 2160 | 97 | 94 | 22:56:29.666 | 127EP | NIMSTAB | GS | %%%%% GROUP START TAB | 4R3 | 4 | 0 | 3,898,779:84:0 | |
| **2161** | **97** | **94** | **22:56:30.333** | **127EP4A** | **37ETB** | **,CD,02,03,FF,1A,** | **Loads wavelength edit table** | **4R3** | **4** | **0** | **3,898,779:85:0** | |
| 2162 | 97 | 94 | 22:56:38.333 | 127EP11A | NIMSTAB | GE | %%%%% GROUP END TAB | 4R3 | 4 | 0 | 3,898,780:06:0 | |
| 2163 | 97 | 94 | 22:57:19.666 | 175EP422A6A | 6DMSC | R28,0 | DMS Control Tape runup 28.8kbp | 4R3 | 4 | 0 | 3,898,780:68:0 | |
| 2164 | 97 | 94 | 22:57:25.666 | 117EP | **CSMOS** | GS | ***** GROUP START CSMOS | 4R3 | 4 | 0 | 3,898,780:77:0 | |
| 2165 | 97 | 94 | 22:57:27.533 | | DMS: | : *RUNUP | R28, TRACK *2, *REV, TIC *2128.80 +/- 4 | 4R3 | 4 | 0 | 3,898,780:79:8 | |
| 2166 | 97 | 94 | 22:57:31.533 | | DMS: | : *AT_SPD | R28, TRACK 2, REV, TIC 2127.30 +/- 4 | 4R3 | 4 | 0 | 3,898,780:85:8 | |
| 2167 | 97 | 94 | 22:57:31.533 | | DMS: | **: *RECORD** | R28, TRACK 2, REV, TIC *2127.30 +/- 4 | 4R3 | 4 | 0 | 3,898,780:85:8 | |
| 2168 | 97 | 94 | 22:57:31.666 | 175EP176A6A | 6TMREC | **MPW** | 28.8 KBPS PWS + NIMS RECORD Record Mode C | 4R3 | 4 | 0 | 3,898,780:86:0 | |
| 2169 | 97 | 94 | 22:57:35.000 | 117EP105A106A4A | **7STRP** | **0.0072,0.0,0,0,0** | **Slew =,0.02** | 4R3 | 4 | 0 | 3,898,781:00:0 | |
| **2170** | **97** | **94** | **22:57:35.018** | **G7JNFEA5UM01-** | **NIMPBK** | **301ER** | **JUPITER FEATURE TRACK 5 MICRON M** | **4R3** | **4** | **0** | **: :** | |
| **2171** | **97** | **94** | **23:02:35.018** | **G7JNFEA5UM01-** | **DESELC** | **300ER** | **JUPITER FEATURE TRACK 5 MICRON M** | **4R3** | **4** | **0** | **: :** | |
| 2172 | 97 | 94 | 23:03:39.000 | 117EP11A | **CSMOS** | GE | ***** GROUP END CSMOS | 4R3 | 4 | 0 | 3,898,787:00:0 | |
| 2173 | 97 | 94 | 23:03:43.000 | | DMS: | **: *RUNDOWN** | R28, TRACK 2, REV, TIC *1800.82 +/- 4 | 4R3 | 4 | 0 | 3,898,787:06:0 | |
| 2174 | 97 | 94 | 23:03:43.000 | 175EP422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R3 | 4 | 0 | 3,898,787:06:0 | |
| **2175** | **97** | **94** | **23:03:49.666** | **G7JNFEA5UM01-** | | **-----STOP-------** | | **4R3** | **4** | **0** | **: :** | |
| **2176** | **97** | **94** | **23:14:50.332** | **G7NNHEALTH05-** | | **-----START------** | | **4R3** | **4** | **0** | **: :** | |
| 2177 | 97 | 94 | 23:15:42.333 | 125KG | NIMSINIT | GS | ##### GROUP START INIT | 4R3 | 4 | 0 | 3,898,798:84:0 | |
| 2178 | 97 | 94 | 23:15:42.333 | 125KG11A | NIMSINIT | GE | ##### GROUP END INIT | 4R3 | 4 | 0 | 3,898,798:84:0 | |
| **2179** | **97** | **94** | **23:15:42.333** | **125KG4A** | **37IST** | **0,2,0,OFF,0,1,0** | **Gain State 2** | **2R3** | **4** | **0** | **3,898,798:84:0** | |
| 2180 | 97 | 94 | 23:16:43.000 | 127KG | NIMSTAB | GS | %%%%% GROUP START TAB | 2R3 | 4 | 0 | 3,898,799:84:0 | |
| **2181** | **97** | **94** | **23:16:43.666** | **127KG4A** | **37ETB** | **07,C7,02,80,44,3** | **Loads wavelength edit table** | **2R3** | **4** | **0** | **3,898,799:85:0** | |
| 2182 | 97 | 94 | 23:16:51.666 | 127KG11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R3 | 4 | 0 | 3,898,800:06:0 | |
| **2183** | **97** | **94** | **23:17:07.666** | **432EN6A** | **6RTSL2** | **NIMSEL,AACNCG,RT** | **NIMS R/T SELECT** | **2R3** | **4** | **0** | **3,898,800:30:0** | |
| **2184** | **97** | **94** | **23:18:07.000** | **432EO6A** | **6RTDS2** | **NIMDSL,AACNCG,RT** | **NIMS R/T DESELECT** | **2R3** | **4** | **0** | **3,898,801:28:0** | |
| **2185** | **97** | **94** | **23:19:53.666** | **G7NNHEALTH05-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** | |
| 2186 | 97 | 94 | 23:49:57.000 | 175EQ422A6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 2R3 | 4 | 0 | 3,898,832:72:0 | |
| 2187 | 97 | 94 | 23:50:04.866 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *1801.93 +/- 4 | 2R3 | 4 | 0 | 3,898,832:83:8 | |
| 2188 | 97 | 94 | 23:50:06.266 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *1801.81 +/- 4 | 2R3 | 4 | 0 | 3,898,832:85:9 | |
| 2189 | 97 | 94 | 23:50:06.266 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC 1801.81 +/- 4 | 2R3 | 4 | 0 | 3,898,832:85:9 | |
| 2190 | 97 | 94 | 23:50:06.333 | 175EQ176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R3 | 4 | 0 | 3,898,832:86:0 | |
| 2191 | 97 | 94 | 23:51:21.666 | 175EQ6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R3 | 4 | 0 | 3,898,834:17:0 | |
| 2192 | 97 | 94 | 23:51:21.666 | 175EQ422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,898,834:17:0 | |
| 2193 | 97 | 94 | 23:51:21.666 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *1784.14 +/- 4 | 2R3 | 4 | 0 | 3,898,834:17:0 | |
| **2194** | **97** | **95** | **00:08:25.733** | **G7INCHEMIS07-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** | |
| 2195 | 97 | 95 | 00:09:21.000 | 165ER4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,898,851:89:0 | |
| 2196 | 97 | 95 | 00:09:21.666 | 165ER4B | 7SCAN | NORM,22.073,10.9 | Check S/P Position | 2R3 | 4 | 0 | 3,898,851:90:0 | |
| 2197 | 97 | 95 | 00:11:19.000 | 127ER | NIMSTAB | GS | %%%%% GROUP START TAB | 2R3 | 4 | 0 | 3,898,853:84:0 | |
| **2198** | **97** | **95** | **00:11:19.666** | **127ER4A** | **37ETB** | **07,C7,02,05,80,0** | **Loads wavelength edit table** | **2R3** | **4** | **0** | **3,898,853:85:0** | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2199 | 97 | 95 | 00:11:27.666 | 127ER11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R3 | 4 | 0 | 3,898,854:06:0 | |
| 2200 | 97 | 95 | 00:12:11.666 | 175ER422A6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 2R3 | 4 | 0 | 3,898,854:72:0 | |
| 2201 | 97 | 95 | 00:12:15.000 | 117ER | **CSMOS** | GS | ***** GROUP START CSMOS | 2R3 | 4 | 0 | 3,898,854:77:0 | |
| 2202 | 97 | 95 | 00:12:19.533 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *1785.49 +/- 4 | 2R3 | 4 | 0 | 3,898,854:83:8 | |
| 2203 | 97 | 95 | 00:12:20.933 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *1785.37 +/- 4 | 2R3 | 4 | 0 | 3,898,854:85:9 | |
| 2204 | 97 | 95 | 00:12:20.933 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC 1785.37 +/- 4 | 2R3 | 4 | 0 | 3,898,854:85:9 | |
| 2205 | 97 | 95 | 00:12:21.000 | 175ER176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R3 | 4 | 0 | 3,898,854:86:0 | |
| 2206 | 97 | 95 | 00:12:24.333 | 117ER105A106A4A | **7STRP** | **-0.00179,0.0,0,0** | **Slew =,0.01** | 2R3 | 4 | 0 | 3,898,855:00:0 | |
| 2207 | 97 | 95 | 00:15:25.000 | 117ER11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R3 | 4 | 0 | 3,898,857:89:0 | |
| 2208 | 97 | 95 | 00:15:25.000 | 165IT4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,898,857:89:0 | |
| 2209 | 97 | 95 | 00:15:25.666 | 165IT4B | 7SCAN | NORM,22.519,10.9 | Check S/P Position | 2R3 | 4 | 0 | 3,898,857:90:0 | |
| 2210 | 97 | 95 | 00:15:27.666 | 175ER6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R3 | 4 | 0 | 3,898,858:02:0 | |
| 2211 | 97 | 95 | 00:15:27.666 | 175ER422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,898,858:02:0 | |
| 2212 | 97 | 95 | 00:15:27.666 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC *1741.61 +/- 4 | 2R3 | 4 | 0 | 3,898,858:02:0 | |
| **2213** | **97** | **95** | **00:15:30.333** | **20EM6A** | **6CKSUM** | **NIMS** | **NIMS,1000,14BC** | **2R3** | **4** | **0** | **3,898,858:06:0** | |
| **2214** | **97** | **95** | **00:15:37.066** | **G7INCHEMIS07-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** | |
| **2215** | **97** | **95** | **00:15:43.666** | **G7NNNIMSLD12-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** | |
| **2216** | **97** | **95** | **00:16:31.000** | **20EM5A** | **37PL** | | **Program Load (halts microprocessor & unwri** | **2R3** | **4** | **0** | **3,898,859:06:0** | |
| **2217** | **97** | **95** | **00:17:31.666** | **20EM5B** | **37MRL** | | **Memory Realocate (software operates from R** | **2R3** | **4** | **0** | **3,898,860:06:0** | |
| **2218** | **97** | **95** | **00:18:32.333** | **20EM6B** | **6MCOPY** | **NIMS** | **NIMS,1000,LLM1A,7300,77F7** | **2R3** | **4** | **0** | **3,898,861:06:0** | |
| 2219 | 97 | 95 | 00:19:21.000 | 118IT | **SMOS** | GS | | 2R3 | 4 | 0 | 3,898,861:79:0 | |
| 2220 | 97 | 95 | 00:19:31.000 | 118IT110A111A4A | 7STRP | -0.0038,0.0,26,0 | Slew =,3.51 | 2R3 | 4 | 0 | 3,898,862:03:0 | |
| **2221** | **97** | **95** | **00:19:33.000** | **20EM6C** | **6MCOPY** | **NIMS** | **NIMS,1598,LLM1A,77F8,781D** | **2R3** | **4** | **0** | **3,898,862:06:0** | |
| 2222 | 97 | 95 | 00:19:39.666 | 118IT110A111A4B | 7STRP | 0.0033,-0.0036,0 | Slew =,3.51 | 2R3 | 4 | 0 | 3,898,862:16:0 | |
| 2223 | 97 | 95 | 00:19:43.666 | 175IT422A6A | 6DMSC | R806,0 | DMS Control Tape runup 806.4kb | 2R3 | 4 | 0 | 3,898,862:22:0 | |
| 2224 | 97 | 95 | 00:19:48.333 | 118IT110A111A4C | 7STRP | -0.0038,0.0,26,0 | Slew =,3.51 | 2R3 | 4 | 0 | 3,898,862:29:0 | |
| 2225 | 97 | 95 | 00:19:51.533 | | DMS: | : *RUNUP | R806, TRACK *2, *REV, TIC *1742.96 +/- 4 | 2R3 | 4 | 0 | 3,898,862:33:8 | |
| 2226 | 97 | 95 | 00:19:56.333 | 175IT176A6A | 6TMREC | IM8 | 806.4 KBPS IMAGE RECORD Record Mode Chang | 2R3 | 4 | 0 | 3,898,862:41:0 | |
| 2227 | 97 | 95 | 00:19:56.800 | | DMS: | : *AT_SPD | R806, TRACK 2, REV, TIC 1676.96 +/- 5 | 2R3 | 4 | 0 | 3,898,862:41:7 | |
| 2228 | 97 | 95 | 00:19:56.800 | | DMS: | **: *RECORD** | R806, TRACK 2, REV, TIC *1676.96 +/- 4 | 2R3 | 4 | 0 | 3,898,862:41:7 | |
| 2229 | 97 | 95 | 00:19:57.000 | 118IT11A | **SMOS** | GE | | 2R3 | 4 | 0 | 3,898,862:42:0 | |
| 2230 | 97 | 95 | 00:20:03.666 | 175IT422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R3 | 4 | 0 | 3,898,862:52:0 | |
| 2231 | 97 | 95 | 00:20:03.666 | | DMS: | **: *RUNDOWN** | R806, TRACK 2, REV, TIC *1507.98 +/- 5 | 2R3 | 4 | 0 | 3,898,862:52:0 | |
| **2232** | **97** | **95** | **00:20:33.666** | **20EM5C** | **37IRT** | | **Instrument Reset (goes into POR state)** | **260** | **4** | **0** | **3,898,863:06:0** | |
| **2233** | **97** | **95** | **00:21:34.333** | **20EM5D** | **37MN** | | **Memory Normal (software operates from ROM)** | **260** | **4** | **0** | **3,898,864:06:0** | |
| **2234** | **97** | **95** | **00:22:35.000** | **20EM4A** | **37IST** | **1,2,0,OFF,0,0,0** | **Chopper ON, Sync, Chopper (Ref)** | **2R0** | **4** | **0** | **3,898,865:06:0** | |
| **2235** | **97** | **95** | **00:22:41.666** | **G7NNNIMSLD12-** | | **-----STOP-------** | | **2R0** | **4** | **0** | **: :** | |
| **2236** | **97** | **95** | **00:23:22.333** | **G7GNGLOBAL01-** | | **-----START------** | | **2R0** | **4** | **0** | **: :** | |
| 2237 | 97 | 95 | 00:23:30.333 | 165ES4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R0 | 4 | 0 | 3,898,865:89:0 | |
| 2238 | 97 | 95 | 00:23:31.000 | 165ES4B | 7SCAN | NORM,240.589998, | Check S/P Position | 2R0 | 4 | 0 | 3,898,865:90:0 | |
| **2239** | **97** | **95** | **00:23:35.666** | **20EM4B** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **2R3** | **4** | **0** | **3,898,866:06:0** | |
| 2240 | 97 | 95 | 00:25:28.333 | 125ES11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,898,867:84:0 | |
| 2241 | 97 | 95 | 00:25:28.333 | 125ES | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,898,867:84:0 | |
| **2242** | **97** | **95** | **00:25:28.333** | **125ES4A** | **37IST** | **0,2,0,OFF,0,1,2** | **Gain State 3** | **3R3** | **4** | **0** | **3,898,867:84:0** | |
| 2243 | 97 | 95 | 00:26:29.000 | 127ES | NIMSTAB | GS | %%%%% GROUP START TAB | 3R3 | 4 | 0 | 3,898,868:84:0 | |
| **2244** | **97** | **95** | **00:26:29.666** | **127ES4A** | **37ETB** | **07,C7,02,0C,10,0** | **Loads wavelength edit table** | **3R3** | **4** | **0** | **3,898,868:85:0** | |
| 2245 | 97 | 95 | 00:26:37.666 | 127ES11A | NIMSTAB | GE | %%%%% GROUP END TAB | 3R3 | 4 | 0 | 3,898,869:06:0 | |
| 2246 | 97 | 95 | 00:27:21.666 | 175ES422A6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 3R3 | 4 | 0 | 3,898,869:72:0 | |
| 2247 | 97 | 95 | 00:27:25.000 | 117ES | **CSMOS** | GS | ***** GROUP START CSMOS | 3R3 | 4 | 0 | 3,898,869:77:0 | |
| 2248 | 97 | 95 | 00:27:29.533 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC *1497.89 +/- 5 | 3R3 | 4 | 0 | 3,898,869:83:8 | |
| 2249 | 97 | 95 | 00:27:30.933 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC 1497.77 +/- 5 | 3R3 | 4 | 0 | 3,898,869:85:9 | |
| 2250 | 97 | 95 | 00:27:30.933 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC *1497.77 +/- 5 | 3R3 | 4 | 0 | 3,898,869:85:9 | |
| 2251 | 97 | 95 | 00:27:31.000 | 175ES176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 3R3 | 4 | 0 | 3,898,869:86:0 | |
| 2252 | 97 | 95 | 00:27:34.333 | 117ES105A106A4A | **7STRP** | **0.021003,0.0,0,0** | **Slew =,0.03** | 3R3 | 4 | 0 | 3,898,870:00:0 | |
| **2253** | **97** | **95** | **00:27:34.349** | **G7GNGLOBAL01-** | **NIMPBK** | **301KD** | **GANYMEDE GLOBAL SURFACE MAP** | **3R3** | **4** | **0** | **: :** | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **2254** | **97** | **95** | **00:27:50.349** | **G7GNGLOBAL01-** | **NIMPBK** | **301EU** | **GANYMEDE GLOBAL SURFACE MAP** | **3R3** | **4** | **0** | **: :** | |
| **2255** | **97** | **95** | **00:27:54.349** | **G7GNGLOBAL01-** | **DESELC** | **300KD** | **GANYMEDE GLOBAL SURFACE MAP** | **3R3** | **4** | **0** | **: :** | |
| **2256** | **97** | **95** | **00:32:51.015** | **G7GNGLOBAL01-** | **DESELC** | **300EU** | **GANYMEDE GLOBAL SURFACE MAP** | **3R3** | **4** | **0** | **: :** | |
| 2257 | 97 | 95 | 00:39:15.666 | 117ES105A106A4B | **7STRP** | **-0.021003,-0.009** | **Slew =0,9.0** | 3R3 | 4 | 0 | 3,898,881:51:0 | |
| 2258 | 97 | 95 | 00:39:22.333 | 117ES105A106A4C | **7STRP** | **0.021003,0.0,0,0** | **Slew =,0.03** | 3R3 | 4 | 0 | 3,898,881:61:0 | |
| **2259** | **97** | **95** | **00:39:22.349** | **G7GNGLOBAL01-** | **NIMPBK** | **301FU** | **GANYMEDE GLOBAL SURFACE MAP** | **3R3** | **4** | **0** | **: :** | |
| **2260** | **97** | **95** | **00:39:35.015** | **G7GNGLOBAL01-** | **NIMPBK** | **301DB** | **GANYMEDE GLOBAL SURFACE MAP** | **3R3** | **4** | **0** | **: :** | |
| **2261** | **97** | **95** | **00:39:42.349** | **G7GNGLOBAL01-** | **DESELC** | **300FU** | **GANYMEDE GLOBAL SURFACE MAP** | **3R3** | **4** | **0** | **: :** | |
| **2262** | **97** | **95** | **00:46:49.014** | **G7GNGLOBAL01-** | **DESELC** | **300DB** | **GANYMEDE GLOBAL SURFACE MAP** | **3R3** | **4** | **0** | **: :** | |
| 2263 | 97 | 95 | 00:51:03.666 | 117ES105A106A4D | **7STRP** | **-0.021003,-0.009** | **Slew =0,9.0** | 3R3 | 4 | 0 | 3,898,893:21:0 | |
| 2264 | 97 | 95 | 00:51:10.333 | 117ES105A106A4E | **7STRP** | **0.021003,0.0,0,0** | **Slew =,0.03** | 3R3 | 4 | 0 | 3,898,893:31:0 | |
| **2265** | **97** | **95** | **00:51:10.348** | **G7GNGLOBAL01-** | **NIMPBK** | **301FV** | **GANYMEDE GLOBAL SURFACE MAP** | **3R3** | **4** | **0** | **: :** | |
| **2266** | **97** | **95** | **00:51:20.348** | **G7GNGLOBAL01-** | **NIMPBK** | **301KE** | **GANYMEDE GLOBAL SURFACE MAP** | **3R3** | **4** | **0** | **: :** | |
| **2267** | **97** | **95** | **00:51:34.348** | **G7GNGLOBAL01-** | **DESELC** | **300FV** | **GANYMEDE GLOBAL SURFACE MAP** | **3R3** | **4** | **0** | **: :** | |
| **2268** | **97** | **95** | **00:55:32.348** | **G7GNGLOBAL01-** | **DESELC** | **300KE** | **GANYMEDE GLOBAL SURFACE MAP** | **3R3** | **4** | **0** | **: :** | |
| 2269 | 97 | 95 | 01:02:51.666 | 117ES11A | **CSMOS** | GE | ***** GROUP END CSMOS | 3R3 | 4 | 0 | 3,898,904:82:0 | |
| 2270 | 97 | 95 | 01:03:36.333 | 175ES422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 3R3 | 4 | 0 | 3,898,905:58:0 | |
| 2271 | 97 | 95 | 01:03:36.333 | 175ES6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 3R3 | 4 | 0 | 3,898,905:58:0 | |
| 2272 | 97 | 95 | 01:03:36.333 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC * 990.26 +/- 5 | 3R3 | 4 | 0 | 3,898,905:58:0 | |
| 2273 | 97 | 95 | 01:03:57.000 | 165HA4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 3R3 | 4 | 0 | 3,898,905:89:0 | |
| 2274 | 97 | 95 | 01:03:57.666 | 165HA4B | 7SCAN | NORM,240.495998, | Check S/P Position | 3R3 | 4 | 0 | 3,898,905:90:0 | |
| **2275** | **97** | **95** | **01:04:02.333** | **G7GNGLOBAL01-** | | **-----STOP-------** | | **3R3** | **4** | **0** | **: :** | |
| 2276 | 97 | 95 | 01:04:49.666 | 117HA | **CSMOS** | GS | ***** GROUP START CSMOS | 3R3 | 4 | 0 | 3,898,906:77:0 | |
| 2277 | 97 | 95 | 01:04:59.000 | 117HA105A106A4A | 7STRP | 0.023504,0.0,0,0 | Slew =,0.26 | 3R3 | 4 | 0 | 3,898,907:00:0 | |
| 2278 | 97 | 95 | 01:04:59.000 | 176HA6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 3R3 | 4 | 0 | 3,898,907:00:0 | |
| 2279 | 97 | 95 | 01:06:33.000 | 117HA105A106A4B | 7STRP | -0.023504,-0.001 | Slew =12.01 | 3R3 | 4 | 0 | 3,898,908:50:0 | |
| 2280 | 97 | 95 | 01:06:38.333 | 117HA105A106A4C | 7STRP | 0.023504,0.0,0,0 | Slew =,0.26 | 3R3 | 4 | 0 | 3,898,908:58:0 | |
| 2281 | 97 | 95 | 01:08:12.333 | 117HA105A106A4D | 7STRP | -0.023504,-0.001 | Slew =12.01 | 3R3 | 4 | 0 | 3,898,910:17:0 | |
| 2282 | 97 | 95 | 01:08:17.666 | 117HA105A106A4E | 7STRP | 0.023504,0.0,0,0 | Slew =,0.26 | 3R3 | 4 | 0 | 3,898,910:25:0 | |
| 2283 | 97 | 95 | 01:09:51.666 | 117HA105A106A4F | 7STRP | -0.023504,-0.001 | Slew =12.01 | 3R3 | 4 | 0 | 3,898,911:75:0 | |
| 2284 | 97 | 95 | 01:09:57.000 | 117HA105A106A4G | 7STRP | 0.023504,0.0,0,0 | Slew =,0.26 | 3R3 | 4 | 0 | 3,898,911:83:0 | |
| 2285 | 97 | 95 | 01:11:31.000 | 117HA105A106A4H | 7STRP | -0.023504,-0.001 | Slew =12.01 | 3R3 | 4 | 0 | 3,898,913:42:0 | |
| 2286 | 97 | 95 | 01:11:36.333 | 117HA105A106A4I | 7STRP | 0.023504,0.0,0,0 | Slew =,0.26 | 3R3 | 4 | 0 | 3,898,913:50:0 | |
| 2287 | 97 | 95 | 01:13:10.333 | 117HA105A106A4J | 7STRP | -0.023504,-0.001 | Slew =12.01 | 3R3 | 4 | 0 | 3,898,915:09:0 | |
| 2288 | 97 | 95 | 01:13:15.666 | 117HA105A106A4K | 7STRP | 0.023504,0.0,0,0 | Slew =,0.26 | 3R3 | 4 | 0 | 3,898,915:17:0 | |
| 2289 | 97 | 95 | 01:14:49.666 | 117HA105A106A4L | 7STRP | -0.023504,-0.001 | Slew =12.01 | 3R3 | 4 | 0 | 3,898,916:67:0 | |
| 2290 | 97 | 95 | 01:14:55.000 | 117HA105A106A4M | 7STRP | 0.023504,0.0,0,0 | Slew =,0.26 | 3R3 | 4 | 0 | 3,898,916:75:0 | |
| 2291 | 97 | 95 | 01:16:29.000 | 117HA105A106A4N | 7STRP | -0.023504,-0.001 | Slew =12.01 | 3R3 | 4 | 0 | 3,898,918:34:0 | |
| 2292 | 97 | 95 | 01:16:34.333 | 117HA105A106A4O | 7STRP | 0.023504,0.0,0,0 | Slew =,0.26 | 3R3 | 4 | 0 | 3,898,918:42:0 | |
| 2293 | 97 | 95 | 01:17:42.200 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC * 991.61 +/- 5 | 3R3 | 4 | 0 | 3,898,919:52:8 | |
| 2294 | 97 | 95 | 01:17:43.600 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC * 991.49 +/- 5 | 3R3 | 4 | 0 | 3,898,919:54:9 | |
| 2295 | 97 | 95 | 01:17:59.000 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC * 987.88 +/- 5 | 3R3 | 4 | 0 | 3,898,919:78:0 | |
| 2296 | 97 | 95 | 01:18:08.333 | 117HA105A106A4P | 7STRP | -0.023504,-0.001 | Slew =12.01 | 3R3 | 4 | 0 | 3,898,920:01:0 | |
| 2297 | 97 | 95 | 01:18:13.666 | 117HA105A106A4Q | 7STRP | 0.023504,0.0,0,0 | Slew =,0.26 | 3R3 | 4 | 0 | 3,898,920:09:0 | |
| 2298 | 97 | 95 | 01:18:19.000 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC * 983.19 +/- 5 | 3R3 | 4 | 0 | 3,898,920:17:0 | |
| 2299 | 97 | 95 | 01:19:47.666 | 117HA105A106A4R | 7STRP | -0.023504,-0.001 | Slew =12.01 | 3R3 | 4 | 0 | 3,898,921:59:0 | |
| 2300 | 97 | 95 | 01:19:53.000 | 117HA105A106A4S | 7STRP | 0.023504,0.0,0,0 | Slew =,0.26 | 3R3 | 4 | 0 | 3,898,921:67:0 | |
| 2301 | 97 | 95 | 01:21:27.000 | 117HA105A106A4T | 7STRP | -0.023504,-0.001 | Slew =12.01 | 3R3 | 4 | 0 | 3,898,923:26:0 | |
| 2302 | 97 | 95 | 01:21:32.333 | 117HA105A106A4U | 7STRP | 0.023504,0.0,0,0 | Slew =,0.26 | 3R3 | 4 | 0 | 3,898,923:34:0 | |
| 2303 | 97 | 95 | 01:23:06.333 | 117HA105A106A4V | 7STRP | -0.023504,-0.001 | Slew =12.01 | 3R3 | 4 | 0 | 3,898,924:84:0 | |
| 2304 | 97 | 95 | 01:23:11.666 | 117HA105A106A4W | 7STRP | 0.023504,0.0,0,0 | Slew =,0.26 | 3R3 | 4 | 0 | 3,898,925:01:0 | |
| 2305 | 97 | 95 | 01:24:45.666 | 117HA105A106A4X | 7STRP | -0.023504,-0.001 | Slew =12.01 | 3R3 | 4 | 0 | 3,898,926:51:0 | |
| 2306 | 97 | 95 | 01:24:51.000 | 117HA105A106A4Y | 7STRP | 0.023504,0.0,0,0 | Slew =,0.26 | 3R3 | 4 | 0 | 3,898,926:59:0 | |
| 2307 | 97 | 95 | 01:26:25.000 | 117HA105A106A4Z | 7STRP | -0.023504,-0.001 | Slew =12.01 | 3R3 | 4 | 0 | 3,898,928:18:0 | |
| 2308 | 97 | 95 | 01:26:30.333 | 117HA105A106A4AA | 7STRP | 0.023504,0.0,0,0 | Slew =,0.26 | 3R3 | 4 | 0 | 3,898,928:26:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2309 | 97 | 95 | 01:28:04.333 | 117HA105A106A4AB | 7STRP | -0.023504,-0.001 | Slew =12.01 | 3R3 | 4 | 0 | 3,898,929:76:0 |
| 2310 | 97 | 95 | 01:28:09.666 | 117HA105A106A4AC | 7STRP | 0.023504,0.0,0,0 | Slew =,0.26 | 3R3 | 4 | 0 | 3,898,929:84:0 |
| 2311 | 97 | 95 | 01:29:43.666 | 117HA105A106A4AD | 7STRP | -0.023504,-0.001 | Slew =12.01 | 3R3 | 4 | 0 | 3,898,931:43:0 |
| 2312 | 97 | 95 | 01:29:49.000 | 117HA105A106A4AE | 7STRP | 0.023504,0.0,0,0 | Slew =,0.26 | 3R3 | 4 | 0 | 3,898,931:51:0 |
| 2313 | 97 | 95 | 01:30:44.200 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC * 984.55 +/- 5 | 3R3 | 4 | 0 | 3,898,932:42:8 |
| 2314 | 97 | 95 | 01:30:45.600 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC * 984.43 +/- 5 | 3R3 | 4 | 0 | 3,898,932:44:9 |
| 2315 | 97 | 95 | 01:31:01.000 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC * 980.82 +/- 5 | 3R3 | 4 | 0 | 3,898,932:68:0 |
| 2316 | 97 | 95 | 01:31:21.000 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC * 976.13 +/- 5 | 3R3 | 4 | 0 | 3,898,933:07:0 |
| 2317 | 97 | 95 | 01:31:23.000 | 117HA105A106A4AF | 7STRP | -0.023504,-0.001 | Slew =12.01 | 3R3 | 4 | 0 | 3,898,933:10:0 |
| 2318 | 97 | 95 | 01:31:23.666 | 488AX6B | 6TMSED | NORM,EL5 | Sci, Eng, and D/L Chan | 3R3 | 4 | 0 | 3,898,933:11:0 |
| 2319 | 97 | 95 | 01:31:28.333 | 117HA105A106A4AG | 7STRP | 0.023504,0.0,0,0 | Slew =,0.26 | 3R3 | 4 | 0 | 3,898,933:18:0 |
| 2320 | 97 | 95 | 01:33:02.333 | 117HA105A106A4AH | 7STRP | -0.023504,-0.001 | Slew =12.01 | 3R3 | 4 | 0 | 3,898,934:68:0 |
| 2321 | 97 | 95 | 01:33:07.666 | 117HA105A106A4AI | 7STRP | 0.023504,0.0,0,0 | Slew =,0.26 | 3R3 | 4 | 0 | 3,898,934:76:0 |
| 2322 | 97 | 95 | 01:34:41.666 | 117HA105A106A4AJ | 7STRP | -0.023504,-0.001 | Slew =12.01 | 3R3 | 4 | 0 | 3,898,936:35:0 |
| 2323 | 97 | 95 | 01:34:47.000 | 117HA105A106A4AK | 7STRP | 0.023504,0.0,0,0 | Slew =,0.26 | 3R3 | 4 | 0 | 3,898,936:43:0 |
| 2324 | 97 | 95 | 01:36:21.000 | 117HA105A106A4AL | 7STRP | -0.023504,-0.001 | Slew =12.01 | 3R3 | 4 | 0 | 3,898,938:02:0 |
| 2325 | 97 | 95 | 01:36:26.333 | 117HA105A106A4AM | 7STRP | 0.023504,0.0,0,0 | Slew =,0.26 | 3R3 | 4 | 0 | 3,898,938:10:0 |
| 2326 | 97 | 95 | 01:38:00.333 | 117HA105A106A4AN | 7STRP | -0.023504,-0.001 | Slew =12.01 | 3R3 | 4 | 0 | 3,898,939:60:0 |
| 2327 | 97 | 95 | 01:38:05.666 | 117HA105A106A4AO | 7STRP | 0.023504,0.0,0,0 | Slew =,0.26 | 3R3 | 4 | 0 | 3,898,939:68:0 |
| 2328 | 97 | 95 | 01:39:39.666 | 117HA105A106A4AP | 7STRP | -0.023504,-0.001 | Slew =12.01 | 3R3 | 4 | 0 | 3,898,941:27:0 |
| 2329 | 97 | 95 | 01:39:45.000 | 117HA105A106A4AQ | 7STRP | 0.023504,0.0,0,0 | Slew =,0.26 | 3R3 | 4 | 0 | 3,898,941:35:0 |
| 2330 | 97 | 95 | 01:41:19.000 | 117HA105A106A4AR | 7STRP | -0.023504,-0.001 | Slew =12.01 | 3R3 | 4 | 0 | 3,898,942:85:0 |
| 2331 | 97 | 95 | 01:41:24.333 | 117HA105A106A4AS | 7STRP | 0.023504,0.0,0,0 | Slew =,0.26 | 3R3 | 4 | 0 | 3,898,943:02:0 |
| 2332 | 97 | 95 | 01:42:58.333 | 117HA105A106A4AT | 7STRP | -0.023504,-0.001 | Slew =12.01 | 3R3 | 4 | 0 | 3,898,944:52:0 |
| 2333 | 97 | 95 | 01:43:03.666 | 117HA105A106A4AU | 7STRP | 0.023504,0.0,0,0 | Slew =,0.26 | 3R3 | 4 | 0 | 3,898,944:60:0 |
| 2334 | 97 | 95 | 01:43:46.200 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC * 977.48 +/- 5 | 3R3 | 4 | 0 | 3,898,945:32:8 |
| 2335 | 97 | 95 | 01:43:47.600 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC * 977.36 +/- 5 | 3R3 | 4 | 0 | 3,898,945:34:9 |
| 2336 | 97 | 95 | 01:44:03.000 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC * 973.76 +/- 5 | 3R3 | 4 | 0 | 3,898,945:58:0 |
| 2337 | 97 | 95 | 01:44:23.000 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC * 969.07 +/- 5 | 3R3 | 4 | 0 | 3,898,945:88:0 |
| 2338 | 97 | 95 | 01:44:37.666 | 117HA105A106A4AV | 7STRP | -0.023504,-0.001 | Slew =12.01 | 3R3 | 4 | 0 | 3,898,946:19:0 |
| 2339 | 97 | 95 | 01:44:43.000 | 117HA105A106A4AW | 7STRP | 0.023504,0.0,0,0 | Slew =,0.26 | 3R3 | 4 | 0 | 3,898,946:27:0 |
| 2340 | 97 | 95 | 01:46:17.000 | 117HA105A106A4AX | 7STRP | -0.023504,-0.001 | Slew =12.01 | 3R3 | 4 | 0 | 3,898,947:77:0 |
| 2341 | 97 | 95 | 01:46:19.666 | 488AX6C | 6TMSED | NORM,EL4 | Sci, Eng, and D/L Chan | 3R3 | 4 | 0 | 3,898,947:81:0 |
| 2342 | 97 | 95 | 01:46:22.333 | 117HA105A106A4AY | 7STRP | 0.023504,0.0,0,0 | Slew =,0.26 | 3R3 | 4 | 0 | 3,898,947:85:0 |
| 2343 | 97 | 95 | 01:47:56.333 | 117HA105A106A4AZ | 7STRP | -0.023504,-0.001 | Slew =12.01 | 3R3 | 4 | 0 | 3,898,949:44:0 |
| 2344 | 97 | 95 | 01:48:01.666 | 117HA105A106A4BA | 7STRP | 0.023504,0.0,0,0 | Slew =,0.26 | 3R3 | 4 | 0 | 3,898,949:52:0 |
| 2345 | 97 | 95 | 01:49:35.666 | 176HA6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 3R3 | 4 | 0 | 3,898,951:11:0 |
| 2346 | 97 | 95 | 01:49:35.666 | 117HA11A | **CSMOS** | GE | ***** GROUP END CSMOS | 3R3 | 4 | 0 | 3,898,951:11:0 |
| 2347 | 97 | 95 | 01:49:45.533 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC * 970.42 +/- 5 | 3R3 | 4 | 0 | 3,898,951:25:8 |
| 2348 | 97 | 95 | 01:49:46.933 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC * 970.30 +/- 5 | 3R3 | 4 | 0 | 3,898,951:27:9 |
| 2349 | 97 | 95 | 01:49:47.666 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC * 970.13 +/- 5 | 3R3 | 4 | 0 | 3,898,951:29:0 |
| 2350 | 97 | 95 | 01:49:59.666 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC * 967.32 +/- 5 | 3R3 | 4 | 0 | 3,898,951:47:0 |
| **2351** | **97** | **95** | **01:50:33.000** | **G7JNFEX10801-** | | **-----START------** | | **3R3** | **4** | **0** | **: :** |
| 2352 | 97 | 95 | 01:51:28.333 | 165ET4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 3R3 | 4 | 0 | 3,898,952:89:0 |
| 2353 | 97 | 95 | 01:51:29.000 | 165ET4B | 7SCAN | NORM,49.115,21.1 | Check S/P Position | 3R3 | 4 | 0 | 3,898,952:90:0 |
| **2354** | **97** | **95** | **01:53:26.333** | **125ET4A** | **37IST** | **0,2,0,OFF,0,1,0** | **Gain State 2** | **2R3** | **4** | **0** | **3,898,954:84:0** |
| 2355 | 97 | 95 | 01:53:26.333 | 125ET | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,898,954:84:0 |
| 2356 | 97 | 95 | 01:53:26.333 | 125ET11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,898,954:84:0 |
| **2357** | **97** | **95** | **01:54:27.000** | **127ET4A** | **37IOP** | **5,1** | **Short Map, Grating Start Position =01** | **2R5** | **4** | **1** | **3,898,955:84:0** |
| 2358 | 97 | 95 | 01:54:27.000 | 127ET | NIMSTAB | GS | %%%%% GROUP START TAB | 2R5 | 4 | 1 | 3,898,955:84:0 |
| **2359** | **97** | **95** | **01:54:27.666** | **127ET4B** | **37ETB** | | **Loads wavelength edit table** | **2R5** | **4** | **1** | **3,898,955:85:0** |
| 2360 | 97 | 95 | 01:54:35.666 | 127ET11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R5 | 4 | 1 | 3,898,956:06:0 |
| 2361 | 97 | 95 | 01:55:17.000 | 175ET422A6A | 6DMSC | R28,0 | DMS Control Tape runup 28.8kbp | 2R5 | 4 | 1 | 3,898,956:68:0 |
| 2362 | 97 | 95 | 01:55:23.000 | 117ET | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,898,956:77:0 |
| 2363 | 97 | 95 | 01:55:24.866 | | DMS: | : *RUNUP | R28, TRACK *2, *REV, TIC * 968.67 +/- 5 | 2R5 | 4 | 1 | 3,898,956:79:8 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2364 | 97 | 95 | 01:55:28.866 | | DMS: | : *AT_SPD | R28, TRACK 2, REV, TIC 967.17 +/- 5 | 2R5 | 4 | 1 | 3,898,956:85:8 |
| 2365 | 97 | 95 | 01:55:28.866 | | DMS: | **: *RECORD** | R28, TRACK 2, REV, TIC * 967.17 +/- 5 | 2R5 | 4 | 1 | 3,898,956:85:8 |
| 2366 | 97 | 95 | 01:55:29.000 | 175ET176A6A | 6TMREC | **MPW** | 28.8 KBPS PWS + NIMS RECORD Record Mode C | 2R5 | 4 | 1 | 3,898,956:86:0 |
| 2367 | 97 | 95 | 01:55:32.333 | 117ET105A106A4A | **7STRP** | **0.0108,0.0,0,0,0** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,898,957:00:0 |
| 2368 | 97 | 95 | 01:57:12.333 | 117ET11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,898,958:59:0 |
| 2369 | 97 | 95 | 01:57:16.333 | | DMS: | **: *RUNDOWN** | R28, TRACK 2, REV, TIC * 872.72 +/- 5 | 2R5 | 4 | 1 | 3,898,958:65:0 |
| 2370 | 97 | 95 | 01:57:16.333 | 175ET422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,898,958:65:0 |
| **2371** | **97** | **95** | **02:10:46.334** | **G7JNFEX10801-** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** |
| 2372 | 97 | 95 | 02:15:44.333 | 165HB4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,898,976:89:0 |
| 2373 | 97 | 95 | 02:15:45.000 | 165HB4B | 7SCAN | NORM,50.33,21.40 | Check S/P Position | 2R5 | 4 | 1 | 3,898,976:90:0 |
| 2374 | 97 | 95 | 02:19:39.000 | 117HB | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,898,980:77:0 |
| 2375 | 97 | 95 | 02:19:48.333 | 176HB6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 2R5 | 4 | 1 | 3,898,981:00:0 |
| 2376 | 97 | 95 | 02:19:48.333 | 117HB105A106A4A | 7STRP | 0.036216,0.0,0,0 | Slew =,0.04 | 2R5 | 4 | 1 | 3,898,981:00:0 |
| 2377 | 97 | 95 | 02:32:31.533 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC * 873.83 +/- 5 | 2R5 | 4 | 1 | 3,898,993:52:8 |
| 2378 | 97 | 95 | 02:32:32.933 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC * 873.71 +/- 5 | 2R5 | 4 | 1 | 3,898,993:54:9 |
| 2379 | 97 | 95 | 02:32:48.333 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC * 870.10 +/- 5 | 2R5 | 4 | 1 | 3,898,993:78:0 |
| 2380 | 97 | 95 | 02:33:08.333 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC * 865.42 +/- 5 | 2R5 | 4 | 1 | 3,898,994:17:0 |
| 2381 | 97 | 95 | 02:34:58.333 | 117HB11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,898,996:00:0 |
| 2382 | 97 | 95 | 02:37:15.666 | 176HB6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,898,998:24:0 |
| 2383 | 97 | 95 | 02:37:25.533 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC * 866.77 +/- 5 | 2R5 | 4 | 1 | 3,898,998:38:8 |
| 2384 | 97 | 95 | 02:37:26.933 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC * 866.65 +/- 5 | 2R5 | 4 | 1 | 3,898,998:40:9 |
| 2385 | 97 | 95 | 02:37:27.666 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC * 866.48 +/- 5 | 2R5 | 4 | 1 | 3,898,998:42:0 |
| 2386 | 97 | 95 | 02:37:39.000 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC * 863.82 +/- 5 | 2R5 | 4 | 1 | 3,898,998:59:0 |
| **2387** | **97** | **95** | **02:38:04.334** | **G7JNFEX10802-** | | **-----START------** | | **2R5** | **4** | **1** | **: :** |
| 2388 | 97 | 95 | 02:38:59.666 | 165EU4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,898,999:89:0 |
| 2389 | 97 | 95 | 02:39:00.333 | 165EU4B | 7SCAN | NORM,50.707,21.4 | Check S/P Position | 2R5 | 4 | 1 | 3,898,999:90:0 |
| 2390 | 97 | 95 | 02:42:51.000 | 175EU422A6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 2R5 | 4 | 1 | 3,899,003:72:0 |
| 2391 | 97 | 95 | 02:42:54.333 | 117EU | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,899,003:77:0 |
| 2392 | 97 | 95 | 02:42:58.866 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC * 865.18 +/- 5 | 2R5 | 4 | 1 | 3,899,003:83:8 |
| 2393 | 97 | 95 | 02:43:00.266 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC * 865.06 +/- 5 | 2R5 | 4 | 1 | 3,899,003:85:9 |
| 2394 | 97 | 95 | 02:43:00.266 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC 865.06 +/- 5 | 2R5 | 4 | 1 | 3,899,003:85:9 |
| 2395 | 97 | 95 | 02:43:00.333 | 175EU176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R5 | 4 | 1 | 3,899,003:86:0 |
| 2396 | 97 | 95 | 02:43:03.666 | 117EU105A106A4A | **7STRP** | **0.0108,0.0,0,0,0** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,899,004:00:0 |
| 2397 | 97 | 95 | 02:44:43.666 | 117EU11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,899,005:59:0 |
| 2398 | 97 | 95 | 02:44:55.000 | 175EU422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,899,005:76:0 |
| 2399 | 97 | 95 | 02:44:55.000 | 175EU6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,899,005:76:0 |
| 2400 | 97 | 95 | 02:44:55.000 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC * 838.17 +/- 5 | 2R5 | 4 | 1 | 3,899,005:76:0 |
| **2401** | **97** | **95** | **02:46:09.667** | **G7JNFEX10802-** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** |
| 2402 | 97 | 95 | 02:56:43.666 | 488AY6A | 6TMSED | NORM,EL3 | Sci, Eng, and D/L Chan | 2R5 | 4 | 1 | 3,899,017:47:0 |
| **2403** | **97** | **95** | **03:13:27.667** | **G7NNNIMSLD13-** | | **-----START------** | | **2R5** | **4** | **1** | **: :** |
| **2404** | **97** | **95** | **03:14:28.333** | **20EN6A** | **6CKSUM** | **NIMS** | **NIMS,1000,14BC** | **2R5** | **4** | **1** | **3,899,035:06:0** |
| **2405** | **97** | **95** | **03:15:29.000** | **20EN5A** | **37PL** | | **Program Load (halts microprocessor & unwri** | **2R5** | **4** | **1** | **3,899,036:06:0** |
| **2406** | **97** | **95** | **03:16:29.666** | **20EN5B** | **37MRL** | | **Memory Realocate (software operates from R** | **2R5** | **4** | **1** | **3,899,037:06:0** |
| **2407** | **97** | **95** | **03:17:30.333** | **20EN6B** | **6MCOPY** | **NIMS** | **NIMS,1000,LLM1A,7300,77F7** | **2R5** | **4** | **1** | **3,899,038:06:0** |
| **2408** | **97** | **95** | **03:18:31.000** | **20EN6C** | **6MCOPY** | **NIMS** | **NIMS,1598,LLM1A,77F8,781D** | **2R5** | **4** | **1** | **3,899,039:06:0** |
| **2409** | **97** | **95** | **03:19:31.666** | **20EN5C** | **37IRT** | | **Instrument Reset (goes into POR state)** | **260** | **4** | **0** | **3,899,040:06:0** |
| **2410** | **97** | **95** | **03:20:32.333** | **20EN5D** | **37MN** | | **Memory Normal (software operates from ROM)** | **260** | **4** | **0** | **3,899,041:06:0** |
| **2411** | **97** | **95** | **03:21:33.000** | **20EN4A** | **37IST** | **1,2,0,OFF,0,0,0** | **Chopper ON, Sync, Chopper (Ref)** | **2R0** | **4** | **0** | **3,899,042:06:0** |
| **2412** | **97** | **95** | **03:22:33.666** | **20EN4B** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **2R3** | **4** | **0** | **3,899,043:06:0** |
| **2413** | **97** | **95** | **03:23:34.334** | **G7NNNIMSLD13-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** |
| **2414** | **97** | **95** | **03:24:21.667** | **G7JNFEX10803-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** |
| 2415 | 97 | 95 | 03:24:29.666 | 165EV4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,899,044:89:0 |
| 2416 | 97 | 95 | 03:24:30.333 | 165EV4B | 7SCAN | NORM,51.263,21.6 | Check S/P Position | 2R3 | 4 | 0 | 3,899,044:90:0 |
| 2417 | 97 | 95 | 03:26:27.000 | 488AY6B | 6TMSED | FILL,EL3 | Sci, Eng, and D/L Chan | 2R3 | 4 | 0 | 3,899,046:83:0 |
| **2418** | **97** | **95** | **03:27:28.333** | **127LF4A** | **37IOP** | **5,1** | **Short Map, Grating Start Position =01** | **2R5** | **4** | **1** | **3,899,047:84:0** |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2419 | 97 | 95 | 03:27:28.333 | 127LF | NIMSTAB | GS | %%%%% GROUP START TAB | 2R5 | 4 | 1 | 3,899,047:84:0 | |
| **2420** | **97** | **95** | **03:27:29.000** | **127LF4B** | **37ETB** | | **Loads wavelength edit table** | **2R5** | **4** | **1** | **3,899,047:85:0** | |
| 2421 | 97 | 95 | 03:27:37.000 | 127LF11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R5 | 4 | 1 | 3,899,048:06:0 | |
| 2422 | 97 | 95 | 03:28:21.000 | 175EV422A6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 2R5 | 4 | 1 | 3,899,048:72:0 | |
| 2423 | 97 | 95 | 03:28:24.333 | 117EV | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,899,048:77:0 | |
| 2424 | 97 | 95 | 03:28:28.866 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC * 839.52 +/- 5 | 2R5 | 4 | 1 | 3,899,048:83:8 | |
| 2425 | 97 | 95 | 03:28:30.266 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC * 839.40 +/- 5 | 2R5 | 4 | 1 | 3,899,048:85:9 | |
| 2426 | 97 | 95 | 03:28:30.266 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC 839.40 +/- 5 | 2R5 | 4 | 1 | 3,899,048:85:9 | |
| 2427 | 97 | 95 | 03:28:30.333 | 175EV176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R5 | 4 | 1 | 3,899,048:86:0 | |
| 2428 | 97 | 95 | 03:28:33.666 | 117EV105A106A4A | **7STRP** | **0.0108,0.0,0,0,0** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,899,049:00:0 | |
| **2429** | **97** | **95** | **03:28:33.675** | **G7JNFEX10803-** | **NIMPBK** | **301EW** | **JUPITER FEATURE TRACK 108 DEG PH** | **2R5** | **4** | **1** | **: :** | |
| 2430 | 97 | 95 | 03:30:13.666 | 117EV11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,899,050:59:0 | |
| **2431** | **97** | **95** | **03:30:13.675** | **G7JNFEX10803-** | **DESELC** | **300EW** | **JUPITER FEATURE TRACK 108 DEG PH** | **2R5** | **4** | **1** | **: :** | |
| 2432 | 97 | 95 | 03:30:25.000 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC * 812.51 +/- 5 | 2R5 | 4 | 1 | 3,899,050:76:0 | |
| 2433 | 97 | 95 | 03:30:25.000 | 175EV6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,899,050:76:0 | |
| 2434 | 97 | 95 | 03:30:25.000 | 175EV422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,899,050:76:0 | |
| 2435 | 97 | 95 | 03:32:59.666 | 488AY6C | 6TMSED | FILL,EL2 | Sci, Eng, and D/L Chan | 2R5 | 4 | 1 | 3,899,053:35:0 | |
| 2436 | 97 | 95 | 03:37:38.333 | 165HC4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,899,057:89:0 | |
| 2437 | 97 | 95 | 03:37:39.000 | 165HC4B | 7SCAN | NORM,241.056,-23 | Check S/P Position | 2R5 | 4 | 1 | 3,899,057:90:0 | |
| **2438** | **97** | **95** | **03:38:44.334** | **G7JNFEX10803-** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** | |
| 2439 | 97 | 95 | 03:39:21.666 | 176HC6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 2R5 | 4 | 1 | 3,899,059:62:0 | |
| 2440 | 97 | 95 | 03:41:33.000 | 117HC | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,899,061:77:0 | |
| 2441 | 97 | 95 | 03:41:42.333 | 117HC105A106A4A | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,062:00:0 | |
| 2442 | 97 | 95 | 03:42:37.000 | 117HC105A106A4B | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,062:82:0 | |
| 2443 | 97 | 95 | 03:42:43.000 | 117HC105A106A4C | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,063:00:0 | |
| 2444 | 97 | 95 | 03:43:37.666 | 117HC105A106A4D | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,063:82:0 | |
| 2445 | 97 | 95 | 03:43:43.666 | 117HC105A106A4E | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,064:00:0 | |
| 2446 | 97 | 95 | 03:44:38.333 | 117HC105A106A4F | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,064:82:0 | |
| 2447 | 97 | 95 | 03:44:44.333 | 117HC105A106A4G | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,065:00:0 | |
| 2448 | 97 | 95 | 03:45:39.000 | 117HC105A106A4H | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,065:82:0 | |
| 2449 | 97 | 95 | 03:45:45.000 | 117HC105A106A4I | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,066:00:0 | |
| 2450 | 97 | 95 | 03:46:39.666 | 117HC105A106A4J | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,066:82:0 | |
| 2451 | 97 | 95 | 03:46:45.666 | 117HC105A106A4K | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,067:00:0 | |
| 2452 | 97 | 95 | 03:47:40.333 | 117HC105A106A4L | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,067:82:0 | |
| 2453 | 97 | 95 | 03:47:46.333 | 117HC105A106A4M | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,068:00:0 | |
| 2454 | 97 | 95 | 03:48:41.000 | 117HC105A106A4N | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,068:82:0 | |
| 2455 | 97 | 95 | 03:48:47.000 | 117HC105A106A4O | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,069:00:0 | |
| 2456 | 97 | 95 | 03:49:41.666 | 117HC105A106A4P | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,069:82:0 | |
| 2457 | 97 | 95 | 03:49:47.666 | 117HC105A106A4Q | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,070:00:0 | |
| 2458 | 97 | 95 | 03:50:42.333 | 117HC105A106A4R | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,070:82:0 | |
| 2459 | 97 | 95 | 03:50:48.333 | 117HC105A106A4S | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,071:00:0 | |
| 2460 | 97 | 95 | 03:51:43.000 | 117HC105A106A4T | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,071:82:0 | |
| 2461 | 97 | 95 | 03:51:49.000 | 117HC105A106A4U | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,072:00:0 | |
| 2462 | 97 | 95 | 03:52:43.666 | 117HC105A106A4V | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,072:82:0 | |
| 2463 | 97 | 95 | 03:52:49.666 | 117HC105A106A4W | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,073:00:0 | |
| 2464 | 97 | 95 | 03:53:26.866 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC * 813.86 +/- 5 | 2R5 | 4 | 1 | 3,899,073:55:8 | |
| 2465 | 97 | 95 | 03:53:28.266 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC * 813.74 +/- 5 | 2R5 | 4 | 1 | 3,899,073:57:9 | |
| 2466 | 97 | 95 | 03:53:43.666 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC * 810.14 +/- 5 | 2R5 | 4 | 1 | 3,899,073:81:0 | |
| 2467 | 97 | 95 | 03:53:44.333 | 117HC105A106A4X | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,073:82:0 | |
| 2468 | 97 | 95 | 03:53:50.333 | 117HC105A106A4Y | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,074:00:0 | |
| 2469 | 97 | 95 | 03:54:03.666 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC * 805.45 +/- 5 | 2R5 | 4 | 1 | 3,899,074:20:0 | |
| 2470 | 97 | 95 | 03:54:37.666 | 488AY6D | 6TMSED | NORM,EL2 | Sci, Eng, and D/L Chan | 2R5 | 4 | 1 | 3,899,074:71:0 | |
| 2471 | 97 | 95 | 03:54:45.000 | 117HC105A106A4Z | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,074:82:0 | |
| 2472 | 97 | 95 | 03:54:51.000 | 117HC105A106A4AA | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,075:00:0 | |
| 2473 | 97 | 95 | 03:55:45.666 | 117HC105A106A4AB | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,075:82:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2474 | 97 | 95 | 03:55:51.666 | 117HC105A106A4AC | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,076:00:0 | |
| 2475 | 97 | 95 | 03:56:46.333 | 117HC105A106A4AD | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,076:82:0 | |
| 2476 | 97 | 95 | 03:56:52.333 | 117HC105A106A4AE | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,077:00:0 | |
| 2477 | 97 | 95 | 03:57:47.000 | 117HC105A106A4AF | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,077:82:0 | |
| 2478 | 97 | 95 | 03:57:53.000 | 117HC105A106A4AG | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,078:00:0 | |
| 2479 | 97 | 95 | 03:58:47.666 | 117HC105A106A4AH | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,078:82:0 | |
| 2480 | 97 | 95 | 03:58:53.666 | 117HC105A106A4AI | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,079:00:0 | |
| 2481 | 97 | 95 | 03:59:48.333 | 117HC105A106A4AJ | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,079:82:0 | |
| 2482 | 97 | 95 | 03:59:54.333 | 117HC105A106A4AK | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,080:00:0 | |
| 2483 | 97 | 95 | 04:00:49.000 | 117HC105A106A4AL | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,080:82:0 | |
| 2484 | 97 | 95 | 04:00:55.000 | 117HC105A106A4AM | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,081:00:0 | |
| 2485 | 97 | 95 | 04:01:49.666 | 117HC105A106A4AN | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,081:82:0 | |
| 2486 | 97 | 95 | 04:01:55.666 | 117HC105A106A4AO | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,082:00:0 | |
| 2487 | 97 | 95 | 04:02:50.333 | 117HC105A106A4AP | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,082:82:0 | |
| 2488 | 97 | 95 | 04:02:56.333 | 117HC105A106A4AQ | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,083:00:0 | |
| 2489 | 97 | 95 | 04:03:51.000 | 117HC105A106A4AR | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,083:82:0 | |
| 2490 | 97 | 95 | 04:03:57.000 | 117HC105A106A4AS | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,084:00:0 | |
| 2491 | 97 | 95 | 04:04:51.666 | 117HC105A106A4AT | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,084:82:0 | |
| 2492 | 97 | 95 | 04:04:57.666 | 117HC105A106A4AU | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,085:00:0 | |
| 2493 | 97 | 95 | 04:05:52.333 | 117HC105A106A4AV | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,085:82:0 | |
| 2494 | 97 | 95 | 04:05:58.333 | 117HC105A106A4AW | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,086:00:0 | |
| 2495 | 97 | 95 | 04:06:53.000 | 117HC105A106A4AX | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,086:82:0 | |
| 2496 | 97 | 95 | 04:06:59.000 | 117HC105A106A4AY | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,087:00:0 | |
| 2497 | 97 | 95 | 04:07:51.533 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC * 806.80 +/- 5 | 2R5 | 4 | 1 | 3,899,087:78:8 | |
| 2498 | 97 | 95 | 04:07:52.933 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC * 806.68 +/- 5 | 2R5 | 4 | 1 | 3,899,087:80:9 | |
| 2499 | 97 | 95 | 04:07:53.666 | 117HC105A106A4AZ | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,087:82:0 | |
| 2500 | 97 | 95 | 04:07:59.666 | 117HC105A106A4BA | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,088:00:0 | |
| 2501 | 97 | 95 | 04:08:08.333 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC * 803.07 +/- 5 | 2R5 | 4 | 1 | 3,899,088:13:0 | |
| 2502 | 97 | 95 | 04:08:28.333 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC * 798.39 +/- 5 | 2R5 | 4 | 1 | 3,899,088:43:0 | |
| 2503 | 97 | 95 | 04:08:54.333 | 117HC105A106A4BB | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,088:82:0 | |
| 2504 | 97 | 95 | 04:09:00.333 | 117HC105A106A4BC | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,089:00:0 | |
| **2505** | **97** | **95** | **04:09:04.266** | **G7NNHEALTH06-** | | **-----START------** | | **2R5** | **4** | **1** | **: :** | |
| 2506 | 97 | 95 | 04:09:55.000 | 117HC105A106A4BD | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,089:82:0 | |
| 2507 | 97 | 95 | 04:10:01.000 | 117HC105A106A4BE | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R5 | 4 | 1 | 3,899,090:00:0 | |
| 2508 | 97 | 95 | 04:10:55.666 | 117HC105A106A4BF | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R5 | 4 | 1 | 3,899,090:82:0 | |
| 2509 | 97 | 95 | 04:10:57.000 | 127KH | NIMSTAB | GS | %%%%% GROUP START TAB | 2R5 | 4 | 1 | 3,899,090:84:0 | |
| **2510** | **97** | **95** | **04:10:57.000** | **127KH4A** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **2R3** | **4** | **0** | **3,899,090:84:0** | |
| **2511** | **97** | **95** | **04:10:57.666** | **127KH4B** | **37ETB** | **07,C7,02,80,44,3** | **Loads wavelength edit table** | **2R3** | **4** | **0** | **3,899,090:85:0** | |
| 2512 | 97 | 95 | 04:11:01.666 | 117HC105A106A4BG | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R3 | 4 | 0 | 3,899,091:00:0 | |
| 2513 | 97 | 95 | 04:11:05.666 | 127KH11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R3 | 4 | 0 | 3,899,091:06:0 | |
| **2514** | **97** | **95** | **04:11:21.666** | **432EP6A** | **6RTSL2** | **NIMSEL,AACNCG,RT** | **NIMS R/T SELECT** | **2R3** | **4** | **0** | **3,899,091:30:0** | |
| 2515 | 97 | 95 | 04:11:56.333 | 117HC105A106A4BH | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R3 | 4 | 0 | 3,899,091:82:0 | |
| 2516 | 97 | 95 | 04:12:02.333 | 117HC105A106A4BI | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R3 | 4 | 0 | 3,899,092:00:0 | |
| **2517** | **97** | **95** | **04:12:21.000** | **432EQ6A** | **6RTDS2** | **NIMDSL,AACNCG,RT** | **NIMS R/T DESELECT** | **2R3** | **4** | **0** | **3,899,092:28:0** | |
| 2518 | 97 | 95 | 04:12:57.000 | 117HC105A106A4BJ | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R3 | 4 | 0 | 3,899,092:82:0 | |
| 2519 | 97 | 95 | 04:13:03.000 | 117HC105A106A4BK | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R3 | 4 | 0 | 3,899,093:00:0 | |
| 2520 | 97 | 95 | 04:13:57.666 | 117HC105A106A4BL | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R3 | 4 | 0 | 3,899,093:82:0 | |
| 2521 | 97 | 95 | 04:14:03.666 | 117HC105A106A4BM | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R3 | 4 | 0 | 3,899,094:00:0 | |
| **2522** | **97** | **95** | **04:14:07.600** | **G7NNHEALTH06-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** | |
| 2523 | 97 | 95 | 04:14:58.333 | 117HC105A106A4BN | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R3 | 4 | 0 | 3,899,094:82:0 | |
| 2524 | 97 | 95 | 04:15:04.333 | 117HC105A106A4BO | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R3 | 4 | 0 | 3,899,095:00:0 | |
| 2525 | 97 | 95 | 04:15:59.000 | 117HC105A106A4BP | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R3 | 4 | 0 | 3,899,095:82:0 | |
| 2526 | 97 | 95 | 04:16:05.000 | 117HC105A106A4BQ | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R3 | 4 | 0 | 3,899,096:00:0 | |
| 2527 | 97 | 95 | 04:16:59.666 | 117HC105A106A4BR | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R3 | 4 | 0 | 3,899,096:82:0 | |
| 2528 | 97 | 95 | 04:17:05.666 | 117HC105A106A4BS | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R3 | 4 | 0 | 3,899,097:00:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2529 | 97 | 95 | 04:18:00.333 | 117HC105A106A4BT | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R3 | 4 | 0 | 3,899,097:82:0 | |
| 2530 | 97 | 95 | 04:18:06.333 | 117HC105A106A4BU | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R3 | 4 | 0 | 3,899,098:00:0 | |
| 2531 | 97 | 95 | 04:19:01.000 | 117HC105A106A4BV | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R3 | 4 | 0 | 3,899,098:82:0 | |
| 2532 | 97 | 95 | 04:19:07.000 | 117HC105A106A4BW | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R3 | 4 | 0 | 3,899,099:00:0 | |
| 2533 | 97 | 95 | 04:20:01.666 | 117HC105A106A4BX | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R3 | 4 | 0 | 3,899,099:82:0 | |
| 2534 | 97 | 95 | 04:20:07.666 | 117HC105A106A4BY | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R3 | 4 | 0 | 3,899,100:00:0 | |
| 2535 | 97 | 95 | 04:21:02.333 | 117HC105A106A4BZ | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R3 | 4 | 0 | 3,899,100:82:0 | |
| 2536 | 97 | 95 | 04:21:08.333 | 117HC105A106A4CA | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R3 | 4 | 0 | 3,899,101:00:0 | |
| 2537 | 97 | 95 | 04:22:03.000 | 117HC105A106A4CB | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R3 | 4 | 0 | 3,899,101:82:0 | |
| 2538 | 97 | 95 | 04:22:09.000 | 117HC105A106A4CC | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R3 | 4 | 0 | 3,899,102:00:0 | |
| 2539 | 97 | 95 | 04:22:16.200 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC * 799.74 +/- 5 | 2R3 | 4 | 0 | 3,899,102:10:8 | |
| 2540 | 97 | 95 | 04:22:17.600 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC * 799.62 +/- 5 | 2R3 | 4 | 0 | 3,899,102:12:9 | |
| 2541 | 97 | 95 | 04:22:33.000 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC * 796.01 +/- 5 | 2R3 | 4 | 0 | 3,899,102:36:0 | |
| 2542 | 97 | 95 | 04:22:53.000 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC * 791.32 +/- 5 | 2R3 | 4 | 0 | 3,899,102:66:0 | |
| 2543 | 97 | 95 | 04:23:03.666 | 117HC105A106A4CD | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R3 | 4 | 0 | 3,899,102:82:0 | |
| 2544 | 97 | 95 | 04:23:09.666 | 117HC105A106A4CE | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R3 | 4 | 0 | 3,899,103:00:0 | |
| 2545 | 97 | 95 | 04:24:04.333 | 117HC105A106A4CF | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R3 | 4 | 0 | 3,899,103:82:0 | |
| 2546 | 97 | 95 | 04:24:10.333 | 117HC105A106A4CG | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R3 | 4 | 0 | 3,899,104:00:0 | |
| 2547 | 97 | 95 | 04:25:05.000 | 117HC105A106A4CH | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R3 | 4 | 0 | 3,899,104:82:0 | |
| 2548 | 97 | 95 | 04:25:11.000 | 117HC105A106A4CI | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R3 | 4 | 0 | 3,899,105:00:0 | |
| 2549 | 97 | 95 | 04:26:05.666 | 117HC105A106A4CJ | 7STRP | -0.022654,-0.001 | Slew =0,9.4 | 2R3 | 4 | 0 | 3,899,105:82:0 | |
| 2550 | 97 | 95 | 04:26:11.666 | 117HC105A106A4CK | 7STRP | 0.022504,0.0,0,0 | Slew =,0.44 | 2R3 | 4 | 0 | 3,899,106:00:0 | |
| 2551 | 97 | 95 | 04:27:06.333 | 117HC11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R3 | 4 | 0 | 3,899,106:82:0 | |
| 2552 | 97 | 95 | 04:27:06.333 | 176HC6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R3 | 4 | 0 | 3,899,106:82:0 | |
| 2553 | 97 | 95 | 04:27:16.200 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC * 792.68 +/- 5 | 2R3 | 4 | 0 | 3,899,107:05:8 | |
| 2554 | 97 | 95 | 04:27:17.600 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC * 792.56 +/- 5 | 2R3 | 4 | 0 | 3,899,107:07:9 | |
| 2555 | 97 | 95 | 04:27:18.333 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC * 792.39 +/- 5 | 2R3 | 4 | 0 | 3,899,107:09:0 | |
| 2556 | 97 | 95 | 04:27:29.000 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC * 789.89 +/- 5 | 2R3 | 4 | 0 | 3,899,107:25:0 | |
| **2557** | **97** | **95** | **04:28:17.000** | **G7GNNHILAT01-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** | |
| 2558 | 97 | 95 | 04:29:12.333 | 165FV4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,899,108:89:0 | |
| 2559 | 97 | 95 | 04:29:13.000 | 165FV4B | 7SCAN | NORM,240.933998, | Check S/P Position | 2R3 | 4 | 0 | 3,899,108:90:0 | |
| 2560 | 97 | 95 | 04:30:00.333 | 488AY6E | 6TMSED | NORM,CL2 | Sci, Eng, and D/L Chan | 2R3 | 4 | 0 | 3,899,109:70:0 | |
| **2561** | **97** | **95** | **04:31:10.333** | **125LJ4A** | **37IST** | **0,2,0,OFF,0,1,2** | **Gain State 3** | **3R3** | **4** | **0** | **3,899,110:84:0** | |
| 2562 | 97 | 95 | 04:31:10.333 | 125LJ11A | NIMSINIT | GE | ##### GROUP END INIT | 3R3 | 4 | 0 | 3,899,110:84:0 | |
| 2563 | 97 | 95 | 04:31:10.333 | 125LJ | NIMSINIT | GS | ##### GROUP START INIT | 3R3 | 4 | 0 | 3,899,110:84:0 | |
| 2564 | 97 | 95 | 04:32:11.000 | 127LJ | NIMSTAB | GS | %%%%% GROUP START TAB | 3R3 | 4 | 0 | 3,899,111:84:0 | |
| **2565** | **97** | **95** | **04:32:11.666** | **127LJ4A** | **37ETB** | **07,C7,02,0C,08,0** | **Loads wavelength edit table** | **3R3** | **4** | **0** | **3,899,111:85:0** | |
| 2566 | 97 | 95 | 04:32:19.666 | 127LJ11A | NIMSTAB | GE | %%%%% GROUP END TAB | 3R3 | 4 | 0 | 3,899,112:06:0 | |
| 2567 | 97 | 95 | 04:33:03.666 | 175LA422A6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 3R3 | 4 | 0 | 3,899,112:72:0 | |
| 2568 | 97 | 95 | 04:33:07.000 | 117FV | **CSMOS** | GS | ***** GROUP START CSMOS | 3R3 | 4 | 0 | 3,899,112:77:0 | |
| 2569 | 97 | 95 | 04:33:11.533 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC * 791.24 +/- 5 | 3R3 | 4 | 0 | 3,899,112:83:8 | |
| 2570 | 97 | 95 | 04:33:12.933 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC 791.12 +/- 5 | 3R3 | 4 | 0 | 3,899,112:85:9 | |
| 2571 | 97 | 95 | 04:33:12.933 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC * 791.12 +/- 5 | 3R3 | 4 | 0 | 3,899,112:85:9 | |
| 2572 | 97 | 95 | 04:33:13.000 | 175LA176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 3R3 | 4 | 0 | 3,899,112:86:0 | |
| 2573 | 97 | 95 | 04:33:16.333 | 117FV105A106A4A | **7STRP** | **-0.016301,0.0,0,** | **Slew =,0.03** | 3R3 | 4 | 0 | 3,899,113:00:0 | |
| 2574 | 97 | 95 | 04:34:51.666 | 488AZ6A | 6TMSED | NORM,CL3 | Sci, Eng, and D/L Chan | 3R3 | 4 | 0 | 3,899,114:52:0 | |
| **2575** | **97** | **95** | **04:40:21.007** | **G7GNNHILAT01-** | **NIMPBK** | **301FR** | **GANYMEDE NORTH HIGH LATITUDE REG** | **3R3** | **4** | **0** | **: :** | |
| 2576 | 97 | 95 | 04:42:22.333 | 117FV105A106B4A | **7STRP** | **0.003,-0.011,0,0** | **Slew =12.01** | 3R3 | 4 | 0 | 3,899,122:00:0 | |
| **2577** | **97** | **95** | **04:42:22.341** | **G7GNNHILAT01-** | **DESELC** | **300FR** | **GANYMEDE NORTH HIGH LATITUDE REG** | **3R3** | **4** | **0** | **: :** | |
| 2578 | 97 | 95 | 04:42:33.000 | 117FV105A106B4B | **7STRP** | **-0.025005,0.0,0,** | **Slew =,0.03** | 3R3 | 4 | 0 | 3,899,122:16:0 | |
| **2579** | **97** | **95** | **04:42:33.007** | **G7GNNHILAT01-** | **NIMPBK** | **301EY** | **GANYMEDE NORTH HIGH LATITUDE REG** | **3R3** | **4** | **0** | **: :** | |
| **2580** | **97** | **95** | **04:48:26.339** | **G7GNNHILAT01-** | **NIMPBK** | **301FS** | **GANYMEDE NORTH HIGH LATITUDE REG** | **3R3** | **4** | **0** | **: :** | |
| **2581** | **97** | **95** | **04:49:27.006** | **G7GNNHILAT01-** | **DESELC** | **300FS** | **GANYMEDE NORTH HIGH LATITUDE REG** | **3R3** | **4** | **0** | **: :** | |
| 2582 | 97 | 95 | 04:50:39.666 | 488AZ6B | 6TMSED | FILL,CL3 | Sci, Eng, and D/L Chan | 3R3 | 4 | 0 | 3,899,130:18:0 | |
| **2583** | **97** | **95** | **04:52:30.339** | **G7GNNHILAT01-** | **NIMPBK** | **301ET** | **GANYMEDE NORTH HIGH LATITUDE REG** | **3R3** | **4** | **0** | **: :** | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **2584** | **97** | **95** | **04:52:39.006** | **G7GNNHILAT01-** | **DESELC** | **300EY** | **GANYMEDE NORTH HIGH LATITUDE REG** | **3R3** | **4** | **0** | **: :** | |
| **2585** | **97** | **95** | **04:56:17.672** | **G7GNNHILAT01-** | **DESELC** | **300ET** | **GANYMEDE NORTH HIGH LATITUDE REG** | **3R3** | **4** | **0** | **: :** | |
| 2586 | 97 | 95 | 04:56:27.666 | 175LA422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 3R3 | 4 | 0 | 3,899,135:85:0 | |
| 2587 | 97 | 95 | 04:56:27.666 | 175LA6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 3R3 | 4 | 0 | 3,899,135:85:0 | |
| 2588 | 97 | 95 | 04:56:27.666 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC * 464.23 +/- 5 | 3R3 | 4 | 0 | 3,899,135:85:0 | |
| 2589 | 97 | 95 | 04:56:31.000 | 117FV11A | **CSMOS** | GE | ***** GROUP END CSMOS | 3R3 | 4 | 0 | 3,899,135:90:0 | |
| **2590** | **97** | **95** | **05:03:40.333** | **G7GNNHILAT01-** | | **-----STOP-------** | | **3R3** | **4** | **0** | **: :** | |
| **2591** | **97** | **95** | **05:04:41.066** | **G7INTHRMAL06-** | | **-----START------** | | **3R3** | **4** | **0** | **: :** | |
| 2592 | 97 | 95 | 05:05:36.333 | 165EW4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 3R3 | 4 | 0 | 3,899,144:89:0 | |
| 2593 | 97 | 95 | 05:05:37.000 | 165EW4B | 7SCAN | NORM,44.911,19.1 | Check S/P Position | 3R3 | 4 | 0 | 3,899,144:90:0 | |
| 2594 | 97 | 95 | 05:08:35.000 | 127EW | NIMSTAB | GS | %%%%% GROUP START TAB | 3R3 | 4 | 0 | 3,899,147:84:0 | |
| **2595** | **97** | **95** | **05:08:35.666** | **127EW4A** | **37ETB** | **07,C7,03,81,00,0** | **Loads wavelength edit table** | **3R3** | **4** | **0** | **3,899,147:85:0** | |
| 2596 | 97 | 95 | 05:08:43.666 | 127EW11A | NIMSTAB | GE | %%%%% GROUP END TAB | 3R3 | 4 | 0 | 3,899,148:06:0 | |
| 2597 | 97 | 95 | 05:09:27.666 | 175EW422A6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 3R3 | 4 | 0 | 3,899,148:72:0 | |
| 2598 | 97 | 95 | 05:09:31.000 | 117EW | **CSMOS** | GS | ***** GROUP START CSMOS | 3R3 | 4 | 0 | 3,899,148:77:0 | |
| 2599 | 97 | 95 | 05:09:35.533 | | DMS: | : *RUNUP | R7, TRACK *2, *REV, TIC * 465.58 +/- 5 | 3R3 | 4 | 0 | 3,899,148:83:8 | |
| **2600** | **97** | **95** | **05:09:35.666** | **125EW4A** | **37IST** | **0,2,0,OFF,0,1,1** | **Gain State 4** | **4R3** | **4** | **0** | **3,899,148:84:0** | |
| 2601 | 97 | 95 | 05:09:35.666 | 125EW | NIMSINIT | GS | ##### GROUP START INIT | 4R3 | 4 | 0 | 3,899,148:84:0 | |
| 2602 | 97 | 95 | 05:09:35.666 | 125EW11A | NIMSINIT | GE | ##### GROUP END INIT | 4R3 | 4 | 0 | 3,899,148:84:0 | |
| 2603 | 97 | 95 | 05:09:36.933 | | DMS: | **: *RECORD** | R7, TRACK 2, REV, TIC * 465.46 +/- 5 | 4R3 | 4 | 0 | 3,899,148:85:9 | |
| 2604 | 97 | 95 | 05:09:36.933 | | DMS: | : *AT_SPD | R7, TRACK 2, REV, TIC 465.46 +/- 5 | 4R3 | 4 | 0 | 3,899,148:85:9 | |
| 2605 | 97 | 95 | 05:09:37.000 | 175EW176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 4R3 | 4 | 0 | 3,899,148:86:0 | |
| 2606 | 97 | 95 | 05:09:40.333 | 117EW105A106A4A | **7STRP** | **-0.0055,0.0,0,0,** | **Slew =,0.03** | 4R3 | 4 | 0 | 3,899,149:00:0 | |
| **2607** | **97** | **95** | **05:09:40.339** | **G7INTHRMAL06-** | **NIMPBK** | **301EZ** | **MONITORING OF IO'S NIGHTSIDE** | **4R3** | **4** | **0** | **: :** | |
| **2608** | **97** | **95** | **05:12:43.006** | **G7INTHRMAL06-** | **DESELC** | **300EZ** | **MONITORING OF IO'S NIGHTSIDE** | **4R3** | **4** | **0** | **: :** | |
| 2609 | 97 | 95 | 05:12:45.000 | 117EW11A | **CSMOS** | GE | ***** GROUP END CSMOS | 4R3 | 4 | 0 | 3,899,152:04:0 | |
| 2610 | 97 | 95 | 05:12:46.333 | 175EW422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R3 | 4 | 0 | 3,899,152:06:0 | |
| 2611 | 97 | 95 | 05:12:46.333 | 175EW6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 4R3 | 4 | 0 | 3,899,152:06:0 | |
| 2612 | 97 | 95 | 05:12:46.333 | | DMS: | **: *RUNDOWN** | R7, TRACK 2, REV, TIC * 421.07 +/- 5 | 4R3 | 4 | 0 | 3,899,152:06:0 | |
| **2613** | **97** | **95** | **05:15:48.399** | **G7INTHRMAL06-** | | **-----STOP-------** | | **4R3** | **4** | **0** | **: :** | |
| 2614 | 97 | 95 | 05:17:39.000 | 465KG6A | 6DTRN | CMD,6DTRN,465KG6 | DMS TRACK TURNAROUND | 4R3 | 4 | 0 | 3,899,156:81:0 | |
| 2615 | 97 | 95 | 05:35:56.333 | 165IU4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,899,174:89:0 | |
| 2616 | 97 | 95 | 05:35:57.000 | 165IU4B | 7SCAN | NORM,236.134998, | Check S/P Position | 4R3 | 4 | 0 | 3,899,174:90:0 | |
| 2617 | 97 | 95 | 05:39:50.333 | 175IU422A6A | 6DMSC | R806,3 | DMS Control | 4R3 | 4 | 0 | 3,899,178:76:0 | |
| 2618 | 97 | 95 | 05:39:57.000 | | DMS: | : *RUNUP | R806, TRACK *3, FWD, TIC 201.62 +/- | 4R3 | 4 | 0 | 3,899,178:86:0 | |
| 2619 | 97 | 95 | 05:39:59.000 | 165IU4C | 7VECT | | Inert vect update UTC | 4R3 | 4 | 0 | 3,899,178:89:0 | |
| 2620 | 97 | 95 | 05:39:59.666 | 165IU4D | 7TMOT | ENA,TMC | Enable IVP - Target Motion | 4R3 | 4 | 0 | 3,899,178:90:0 | |
| 2621 | 97 | 95 | 05:40:01.666 | 175IU176A6A | 6TMREC | IM8 | 806.4 KBPS IMAGE RECORD Record Mode Chang | 4R3 | 4 | 0 | 3,899,179:02:0 | |
| 2622 | 97 | 95 | 05:40:02.266 | | DMS: | **: *RECORD** | R806, TRACK 3, FWD, TIC * 267.62 +/- | 4R3 | 4 | 0 | 3,899,179:02:9 | |
| 2623 | 97 | 95 | 05:40:02.266 | | DMS: | : *AT_SPD | R806, TRACK 3, FWD, TIC 267.62 +/- | 4R3 | 4 | 0 | 3,899,179:02:9 | |
| 2624 | 97 | 95 | 05:40:09.000 | | DMS: | **: *RUNDOWN** | R806, TRACK 3, FWD, TIC * 433.33 +/- | 4R3 | 4 | 0 | 3,899,179:13:0 | |
| 2625 | 97 | 95 | 05:40:09.000 | 175IU422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R3 | 4 | 0 | 3,899,179:13:0 | |
| 2626 | 97 | 95 | 05:42:14.333 | 165CZ4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,899,181:19:0 | |
| 2627 | 97 | 95 | 05:42:15.000 | 165CZ4B | 7SCAN | NORM,232.905998, | Check S/P Position | 4R3 | 4 | 0 | 3,899,181:20:0 | |
| 2628 | 97 | 95 | 05:44:54.333 | 117CA | **CSMOS** | GS | ***** GROUP START CSMOS | 4R3 | 4 | 0 | 3,899,183:77:0 | |
| 2629 | 97 | 95 | 05:44:55.000 | 175CA422A6A | 6DMSC | R7,3 | DMS Control | 4R3 | 4 | 0 | 3,899,183:78:0 | |
| 2630 | 97 | 95 | 05:45:01.666 | | DMS: | : *RUNUP | R7, TRACK *3, FWD, TIC 444.83 +/- | 4R3 | 4 | 0 | 3,899,183:88:0 | |
| 2631 | 97 | 95 | 05:45:03.000 | 175CA176A6A | 6TMREC | LPW | 7.68 KBPS LOW RATE SCI PWS RECORD Record | 4R3 | 4 | 0 | 3,899,183:90:0 | |
| 2632 | 97 | 95 | 05:45:03.066 | | DMS: | : *AT_SPD | R7, TRACK 3, FWD, TIC 444.95 +/- | 4R3 | 4 | 0 | 3,899,183:90:1 | |
| 2633 | 97 | 95 | 05:45:03.066 | | DMS: | **: *RECORD** | R7, TRACK 3, FWD, TIC * 444.95 +/- | 4R3 | 4 | 0 | 3,899,183:90:1 | |
| 2634 | 97 | 95 | 05:45:03.666 | 117CA105A106A4A | 7STRP | -0.014401,-0.005 | Slew =,0.06 | 4R3 | 4 | 0 | 3,899,184:00:0 | |
| 2635 | 97 | 95 | 05:47:43.666 | 488AZ6C | 6TMSED | NORM,CL3 | Sci, Eng, and D/L Chan | 4R3 | 4 | 0 | 3,899,186:58:0 | |
| 2636 | 97 | 95 | 05:49:06.333 | 117CA11A | **CSMOS** | GE | ***** GROUP END CSMOS | 4R3 | 4 | 0 | 3,899,188:00:0 | |
| 2637 | 97 | 95 | 05:49:06.333 | | DMS: | **: *RUNDOWN** | R7, TRACK 3, FWD, TIC * 501.96 +/- | 4R3 | 4 | 0 | 3,899,188:00:0 | |
| 2638 | 97 | 95 | 05:49:06.333 | 175CA422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R3 | 4 | 0 | 3,899,188:00:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2639 | 97 | 95 | 05:56:09.666 | 165GL4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,899,194:89:0 |
| 2640 | 97 | 95 | 05:56:10.333 | 165GL4B | 7SCAN | NORM,232.58,-30. | Check S/P Position | 4R3 | 4 | 0 | 3,899,194:90:0 |
| 2641 | 97 | 95 | 06:00:04.333 | 117GL | **CSMOS** | GS | ***** GROUP START CSMOS | 4R3 | 4 | 0 | 3,899,198:77:0 |
| 2642 | 97 | 95 | 06:00:13.666 | 117GL105A106A4A | 7STRP | -0.015501,0.0,0, | Slew =0,0.7 | 4R3 | 4 | 0 | 3,899,199:00:0 |
| 2643 | 97 | 95 | 06:00:13.666 | 176GL6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 4R3 | 4 | 0 | 3,899,199:00:0 |
| 2644 | 97 | 95 | 06:00:39.000 | 117GL105A106A4B | 7STRP | 0.014501,-0.0025 | Slew =12.01 | 4R3 | 4 | 0 | 3,899,199:38:0 |
| 2645 | 97 | 95 | 06:00:44.333 | 117GL105A106A4C | 7STRP | -0.015501,0.0,0, | Slew =0,0.7 | 4R3 | 4 | 0 | 3,899,199:46:0 |
| 2646 | 97 | 95 | 06:01:09.666 | 117GL105A106A4D | 7STRP | 0.014501,-0.0025 | Slew =12.01 | 4R3 | 4 | 0 | 3,899,199:84:0 |
| 2647 | 97 | 95 | 06:01:15.000 | 117GL105A106A4E | 7STRP | -0.015501,0.0,0, | Slew =0,0.7 | 4R3 | 4 | 0 | 3,899,200:01:0 |
| 2648 | 97 | 95 | 06:01:40.333 | 117GL105A106A4F | 7STRP | 0.014501,-0.0025 | Slew =12.01 | 4R3 | 4 | 0 | 3,899,200:39:0 |
| 2649 | 97 | 95 | 06:01:45.666 | 117GL105A106A4G | 7STRP | -0.015501,0.0,0, | Slew =0,0.7 | 4R3 | 4 | 0 | 3,899,200:47:0 |
| 2650 | 97 | 95 | 06:02:11.000 | 117GL105A106A4H | 7STRP | 0.014501,-0.0025 | Slew =12.01 | 4R3 | 4 | 0 | 3,899,200:85:0 |
| 2651 | 97 | 95 | 06:02:16.333 | 117GL105A106A4I | 7STRP | -0.015501,0.0,0, | Slew =0,0.7 | 4R3 | 4 | 0 | 3,899,201:02:0 |
| 2652 | 97 | 95 | 06:02:41.666 | 117GL105A106A4J | 7STRP | 0.014501,-0.0025 | Slew =12.01 | 4R3 | 4 | 0 | 3,899,201:40:0 |
| 2653 | 97 | 95 | 06:02:47.000 | 117GL105A106A4K | 7STRP | -0.015501,0.0,0, | Slew =0,0.7 | 4R3 | 4 | 0 | 3,899,201:48:0 |
| 2654 | 97 | 95 | 06:03:12.333 | 117GL105A106A4L | 7STRP | 0.014501,-0.0025 | Slew =12.01 | 4R3 | 4 | 0 | 3,899,201:86:0 |
| 2655 | 97 | 95 | 06:03:17.666 | 117GL105A106A4M | 7STRP | -0.015501,0.0,0, | Slew =0,0.7 | 4R3 | 4 | 0 | 3,899,202:03:0 |
| 2656 | 97 | 95 | 06:03:43.000 | 117GL105A106A4N | 7STRP | 0.014501,-0.0025 | Slew =12.01 | 4R3 | 4 | 0 | 3,899,202:41:0 |
| 2657 | 97 | 95 | 06:03:48.333 | 117GL105A106A4O | 7STRP | -0.015501,0.0,0, | Slew =0,0.7 | 4R3 | 4 | 0 | 3,899,202:49:0 |
| 2658 | 97 | 95 | 06:04:13.666 | 117GL105A106A4P | 7STRP | 0.014501,-0.0025 | Slew =12.01 | 4R3 | 4 | 0 | 3,899,202:87:0 |
| 2659 | 97 | 95 | 06:04:19.000 | 117GL105A106A4Q | 7STRP | -0.015501,0.0,0, | Slew =0,0.7 | 4R3 | 4 | 0 | 3,899,203:04:0 |
| 2660 | 97 | 95 | 06:04:44.333 | 117GL105A106A4R | 7STRP | 0.014501,-0.0025 | Slew =12.01 | 4R3 | 4 | 0 | 3,899,203:42:0 |
| 2661 | 97 | 95 | 06:04:49.666 | 117GL105A106A4S | 7STRP | -0.015501,0.0,0, | Slew =0,0.7 | 4R3 | 4 | 0 | 3,899,203:50:0 |
| 2662 | 97 | 95 | 06:05:15.000 | 117GL105A106A4T | 7STRP | 0.014501,-0.0025 | Slew =12.01 | 4R3 | 4 | 0 | 3,899,203:88:0 |
| 2663 | 97 | 95 | 06:05:20.333 | 117GL105A106A4U | 7STRP | -0.015501,0.0,0, | Slew =0,0.7 | 4R3 | 4 | 0 | 3,899,204:05:0 |
| 2664 | 97 | 95 | 06:05:45.666 | 117GL105A106A4V | 7STRP | 0.014501,-0.0025 | Slew =12.01 | 4R3 | 4 | 0 | 3,899,204:43:0 |
| 2665 | 97 | 95 | 06:05:51.000 | 117GL105A106A4W | 7STRP | -0.015501,0.0,0, | Slew =0,0.7 | 4R3 | 4 | 0 | 3,899,204:51:0 |
| 2666 | 97 | 95 | 06:06:16.333 | 117GL105A106A4X | 7STRP | 0.014501,-0.0025 | Slew =12.01 | 4R3 | 4 | 0 | 3,899,204:89:0 |
| **2667** | **97** | **95** | **06:06:21.666** | **G7NNNIMSLD14-** | | **-----START------** | | **4R3** | **4** | **0** | **: :** |
| 2668 | 97 | 95 | 06:06:21.666 | 117GL105A106A4Y | 7STRP | -0.015501,0.0,0, | Slew =0,0.7 | 4R3 | 4 | 0 | 3,899,205:06:0 |
| 2669 | 97 | 95 | 06:06:47.000 | 117GL105A106A4Z | 7STRP | 0.014501,-0.0025 | Slew =12.01 | 4R3 | 4 | 0 | 3,899,205:44:0 |
| 2670 | 97 | 95 | 06:06:52.333 | 117GL105A106A4AA | 7STRP | -0.015501,0.0,0, | Slew =0,0.7 | 4R3 | 4 | 0 | 3,899,205:52:0 |
| 2671 | 97 | 95 | 06:07:17.666 | 117GL11A | **CSMOS** | GE | ***** GROUP END CSMOS | 4R3 | 4 | 0 | 3,899,205:90:0 |
| 2672 | 97 | 95 | 06:07:18.333 | 176GL6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 4R3 | 4 | 0 | 3,899,206:00:0 |
| **2673** | **97** | **95** | **06:07:22.333** | **20EO6A** | **6CKSUM** | **NIMS** | **NIMS,1000,14BC** | **4R3** | **4** | **0** | **3,899,206:06:0** |
| 2674 | 97 | 95 | 06:07:27.000 | | DMS: | : *RUNUP | R7, TRACK *3, FWD, TIC 502.02 +/- | 4R3 | 4 | 0 | 3,899,206:13:0 |
| 2675 | 97 | 95 | 06:07:28.400 | | DMS: | : *AT_SPD | R7, TRACK 3, FWD, TIC * 502.14 +/- | 4R3 | 4 | 0 | 3,899,206:15:1 |
| 2676 | 97 | 95 | 06:07:30.333 | | DMS: | **: *RECORD** | R7, TRACK 3, FWD, TIC * 502.59 +/- | 4R3 | 4 | 0 | 3,899,206:18:0 |
| 2677 | 97 | 95 | 06:07:43.666 | | DMS: | **: *RUNDOWN** | R7, TRACK 3, FWD, TIC * 505.72 +/- | 4R3 | 4 | 0 | 3,899,206:38:0 |
| 2678 | 97 | 95 | 06:08:17.666 | 165IG4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,899,206:89:0 |
| 2679 | 97 | 95 | 06:08:18.333 | 165IG4B | 7SCAN | NORM,235.355999, | Check S/P Position | 4R3 | 4 | 0 | 3,899,206:90:0 |
| **2680** | **97** | **95** | **06:08:23.000** | **20EO5A** | **37PL** | | **Program Load (halts microprocessor & unwri** | **4R3** | **4** | **0** | **3,899,207:06:0** |
| **2681** | **97** | **95** | **06:09:23.666** | **20EO5B** | **37MRL** | | **Memory Realocate (software operates from R** | **4R3** | **4** | **0** | **3,899,208:06:0** |
| **2682** | **97** | **95** | **06:10:24.333** | **20EO6B** | **6MCOPY** | **NIMS** | **NIMS,1000,LLM1A,7300,77F7** | **4R3** | **4** | **0** | **3,899,209:06:0** |
| **2683** | **97** | **95** | **06:11:25.000** | **20EO6C** | **6MCOPY** | **NIMS** | **NIMS,1598,LLM1A,77F8,781D** | **4R3** | **4** | **0** | **3,899,210:06:0** |
| 2684 | 97 | 95 | 06:12:11.666 | 175IG422A6A | 6DMSC | R115,3 | DMS Control | 4R3 | 4 | 0 | 3,899,210:76:0 |
| 2685 | 97 | 95 | 06:12:18.333 | | DMS: | : *RUNUP | R115, TRACK *3, FWD, TIC 505.78 +/- | 4R3 | 4 | 0 | 3,899,210:86:0 |
| 2686 | 97 | 95 | 06:12:20.333 | 165IG4C | 7VECT | | Inert vect update UTC | 4R3 | 4 | 0 | 3,899,210:89:0 |
| 2687 | 97 | 95 | 06:12:21.000 | 165IG4D | 7TMOT | ENA,TMC | Enable IVP - Target Motion | 4R3 | 4 | 0 | 3,899,210:90:0 |
| 2688 | 97 | 95 | 06:12:22.333 | | DMS: | : *AT_SPD | R115, TRACK 3, FWD, TIC 512.08 +/- | 4R3 | 4 | 0 | 3,899,211:01:0 |
| 2689 | 97 | 95 | 06:12:22.333 | | DMS: | **: *RECORD** | R115, TRACK 3, FWD, TIC * 512.08 +/- | 4R3 | 4 | 0 | 3,899,211:01:0 |
| 2690 | 97 | 95 | 06:12:22.333 | 175IG176A6A | 6TMREC | HIS | 115.2 KBPS SSI + NIMS RECORD Record Mode | 4R3 | 4 | 0 | 3,899,211:01:0 |
| **2691** | **97** | **95** | **06:12:25.666** | **20EO5C** | **37IRT** | | **Instrument Reset (goes into POR state)** | **260** | **4** | **0** | **3,899,211:06:0** |
| 2692 | 97 | 95 | 06:12:37.000 | 175IG422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 260 | 4 | 0 | 3,899,211:23:0 |
| 2693 | 97 | 95 | 06:12:37.000 | | DMS: | **: *RUNDOWN** | R115, TRACK 3, FWD, TIC * 563.64 +/- | 260 | 4 | 0 | 3,899,211:23:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **2694** | **97** | **95** | **06:13:26.333** | **20EO5D** | **37MN** | | **Memory Normal (software operates from ROM)** | **260** | **4** | **0** | **3,899,212:06:0** |
| **2695** | **97** | **95** | **06:14:27.000** | **20EO4A** | **37IST** | **1,2,0,OFF,0,0,0** | **Chopper ON, Sync, Chopper (Ref)** | **2R0** | **4** | **0** | **3,899,213:06:0** |
| **2696** | **97** | **95** | **06:15:27.666** | **20EO4B** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **2R3** | **4** | **0** | **3,899,214:06:0** |
| **2697** | **97** | **95** | **06:15:35.000** | **G7NNNIMSLD14-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** |
| **2698** | **97** | **95** | **06:15:54.333** | **G7GNBRITRL01-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** |
| 2699 | 97 | 95 | 06:16:23.000 | 165EX4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,899,214:89:0 |
| 2700 | 97 | 95 | 06:16:23.666 | 165EX4B | 7SCAN | NORM,227.608999, | Check S/P Position | 2R3 | 4 | 0 | 3,899,214:90:0 |
| 2701 | 97 | 95 | 06:18:21.000 | 125EX11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,899,216:84:0 |
| 2702 | 97 | 95 | 06:18:21.000 | 125EX | NIMSINIT | GS | ##### GROUP START INIT | 2R3 | 4 | 0 | 3,899,216:84:0 |
| **2703** | **97** | **95** | **06:18:21.000** | **125EX4A** | **37IST** | **0,2,0,OFF,0,1,2** | **Gain State 3** | **3R3** | **4** | **0** | **3,899,216:84:0** |
| 2704 | 97 | 95 | 06:19:21.666 | 127EX | NIMSTAB | GS | %%%%% GROUP START TAB | 3R3 | 4 | 0 | 3,899,217:84:0 |
| **2705** | **97** | **95** | **06:19:22.333** | **127EX4A** | **37ETB** | **04,C4,35,FF,FF** | **Loads wavelength edit table** | **3R3** | **4** | **0** | **3,899,217:85:0** |
| 2706 | 97 | 95 | 06:19:30.333 | 127EX11A | NIMSTAB | GE | %%%%% GROUP END TAB | 3R3 | 4 | 0 | 3,899,218:06:0 |
| 2707 | 97 | 95 | 06:20:13.000 | 175EX422A6A | 6DMSC | R28,3 | DMS Control | 3R3 | 4 | 0 | 3,899,218:70:0 |
| 2708 | 97 | 95 | 06:20:17.666 | 117EX | **CSMOS** | GS | ***** GROUP START CSMOS | 3R3 | 4 | 0 | 3,899,218:77:0 |
| 2709 | 97 | 95 | 06:20:19.666 | | DMS: | : *RUNUP | R28, TRACK *3, FWD, TIC 564.64 +/- | 3R3 | 4 | 0 | 3,899,218:80:0 |
| 2710 | 97 | 95 | 06:20:23.666 | | DMS: | **: *RECORD** | R28, TRACK 3, FWD, TIC * 566.14 +/- | 3R3 | 4 | 0 | 3,899,218:86:0 |
| 2711 | 97 | 95 | 06:20:23.666 | 175EX176A6A | 6TMREC | **MPW** | 28.8 KBPS PWS + NIMS RECORD Record Mode C | 3R3 | 4 | 0 | 3,899,218:86:0 |
| 2712 | 97 | 95 | 06:20:23.666 | | DMS: | : *AT_SPD | R28, TRACK 3, FWD, TIC 566.14 +/- | 3R3 | 4 | 0 | 3,899,218:86:0 |
| 2713 | 97 | 95 | 06:20:25.666 | 165EX4C | 7VECT | | Inert vect update UTC | 3R3 | 4 | 0 | 3,899,218:89:0 |
| 2714 | 97 | 95 | 06:20:26.333 | 165EX4D | 7TMOT | ENA,TMC | Enable IVP - Target Motion | 3R3 | 4 | 0 | 3,899,218:90:0 |
| 2715 | 97 | 95 | 06:20:27.000 | 117EX105A106A4A | **7STRP** | **-0.0085,0.0,0,0,** | **Slew =,0.03** | 3R3 | 4 | 0 | 3,899,219:00:0 |
| **2716** | **97** | **95** | **06:20:27.003** | **G7GNBRITRL01-** | **NIMPBK** | **301FA** | **BRIGHT ENDMEMBER FROM TRAIL HEMI** | **3R3** | **4** | **0** | **: :** |
| 2717 | 97 | 95 | 06:25:11.666 | 117EX11A | **CSMOS** | GE | ***** GROUP END CSMOS | 3R3 | 4 | 0 | 3,899,223:63:0 |
| **2718** | **97** | **95** | **06:25:11.669** | **G7GNBRITRL01-** | **DESELC** | **300FA** | **BRIGHT ENDMEMBER FROM TRAIL HEMI** | **3R3** | **4** | **0** | **: :** |
| 2719 | 97 | 95 | 06:25:13.000 | | DMS: | **: *RUNDOWN** | R28, TRACK 3, FWD, TIC * 820.44 +/- | 3R3 | 4 | 0 | 3,899,223:65:0 |
| 2720 | 97 | 95 | 06:25:13.000 | 175EX422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 3R3 | 4 | 0 | 3,899,223:65:0 |
| **2721** | **97** | **95** | **06:25:34.333** | **G7GNBRITRL01-** | | **-----STOP-------** | | **3R3** | **4** | **0** | **: :** |
| 2722 | 97 | 95 | 06:27:30.333 | 165IV4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 3R3 | 4 | 0 | 3,899,225:89:0 |
| 2723 | 97 | 95 | 06:27:31.000 | 165IV4B | 7SCAN | NORM,225.404999, | Check S/P Position | 3R3 | 4 | 0 | 3,899,225:90:0 |
| 2724 | 97 | 95 | 06:31:24.333 | 175IV422A6A | 6DMSC | R806,3 | DMS Control | 3R3 | 4 | 0 | 3,899,229:76:0 |
| 2725 | 97 | 95 | 06:31:26.333 | 118IV | **SMOS** | GS | | 3R3 | 4 | 0 | 3,899,229:79:0 |
| 2726 | 97 | 95 | 06:31:31.000 | | DMS: | : *RUNUP | R806, TRACK *3, FWD, TIC 820.74 +/- | 3R3 | 4 | 0 | 3,899,229:86:0 |
| 2727 | 97 | 95 | 06:31:33.000 | 165IV4C | 7VECT | | Inert vect update UTC | 3R3 | 4 | 0 | 3,899,229:89:0 |
| 2728 | 97 | 95 | 06:31:33.666 | 165IV4D | 7TMOT | ENA,TMC | Enable IVP - Target Motion | 3R3 | 4 | 0 | 3,899,229:90:0 |
| 2729 | 97 | 95 | 06:31:35.666 | 175IV176A6A | 6TMREC | IM8 | 806.4 KBPS IMAGE RECORD Record Mode Chang | 3R3 | 4 | 0 | 3,899,230:02:0 |
| 2730 | 97 | 95 | 06:31:36.266 | | DMS: | **: *RECORD** | R806, TRACK 3, FWD, TIC * 886.74 +/- | 3R3 | 4 | 0 | 3,899,230:02:9 |
| 2731 | 97 | 95 | 06:31:36.266 | | DMS: | : *AT_SPD | R806, TRACK 3, FWD, TIC 886.74 +/- | 3R3 | 4 | 0 | 3,899,230:02:9 |
| 2732 | 97 | 95 | 06:31:36.333 | 118IV110A111A4A | 7STRP | -0.0073,-0.002,2 | Slew =,3.51 | 3R3 | 4 | 0 | 3,899,230:03:0 |
| 2733 | 97 | 95 | 06:31:53.666 | 118IV11A | **SMOS** | GE | | 3R3 | 4 | 0 | 3,899,230:29:0 |
| 2734 | 97 | 95 | 06:32:00.333 | 175IV422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 3R3 | 4 | 0 | 3,899,230:39:0 |
| 2735 | 97 | 95 | 06:32:00.333 | | DMS: | **: *RUNDOWN** | R806, TRACK 3, FWD, TIC *1479.00 +/- | 3R3 | 4 | 0 | 3,899,230:39:0 |
| 2736 | 97 | 95 | 06:32:33.666 | 165IW4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 3R3 | 4 | 0 | 3,899,230:89:0 |
| 2737 | 97 | 95 | 06:32:34.333 | 165IW4B | 7SCAN | NORM,230.176998, | Check S/P Position | 3R3 | 4 | 0 | 3,899,230:90:0 |
| 2738 | 97 | 95 | 06:33:25.666 | 175IW422A6A | 6DMSC | R806,3 | DMS Control | 3R3 | 4 | 0 | 3,899,231:76:0 |
| 2739 | 97 | 95 | 06:33:27.666 | 118IW | **SMOS** | GS | | 3R3 | 4 | 0 | 3,899,231:79:0 |
| 2740 | 97 | 95 | 06:33:32.333 | | DMS: | : *RUNUP | R806, TRACK *3, FWD, TIC 1490.50 +/- 1 | 3R3 | 4 | 0 | 3,899,231:86:0 |
| 2741 | 97 | 95 | 06:33:34.333 | 165IW4C | 7VECT | | Inert vect update UTC | 3R3 | 4 | 0 | 3,899,231:89:0 |
| 2742 | 97 | 95 | 06:33:35.000 | 165IW4D | 7TMOT | ENA,TMC | Enable IVP - Target Motion | 3R3 | 4 | 0 | 3,899,231:90:0 |
| 2743 | 97 | 95 | 06:33:37.000 | 175IW176A6A | 6TMREC | IM8 | 806.4 KBPS IMAGE RECORD Record Mode Chang | 3R3 | 4 | 0 | 3,899,232:02:0 |
| 2744 | 97 | 95 | 06:33:37.600 | | DMS: | **: *RECORD** | R806, TRACK 3, FWD, TIC *1556.50 +/- 1 | 3R3 | 4 | 0 | 3,899,232:02:9 |
| 2745 | 97 | 95 | 06:33:37.600 | | DMS: | : *AT_SPD | R806, TRACK 3, FWD, TIC 1556.50 +/- 1 | 3R3 | 4 | 0 | 3,899,232:02:9 |
| 2746 | 97 | 95 | 06:33:37.666 | 118IW110A111A4A | 7STRP | 0.0075,0.0,26,0, | Slew =,3.51 | 3R3 | 4 | 0 | 3,899,232:03:0 |
| 2747 | 97 | 95 | 06:33:46.333 | 118IW11A | **SMOS** | GE | | 3R3 | 4 | 0 | 3,899,232:16:0 |
| 2748 | 97 | 95 | 06:33:53.000 | | DMS: | **: *RUNDOWN** | R806, TRACK 3, FWD, TIC *1935.49 +/- 1 | 3R3 | 4 | 0 | 3,899,232:26:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2749 | 97 | 95 | 06:33:53.000 | 175IW422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 3R3 | 4 | 0 | 3,899,232:26:0 | |
| 2750 | 97 | 95 | 06:34:35.000 | 165IX4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 3R3 | 4 | 0 | 3,899,232:89:0 | |
| 2751 | 97 | 95 | 06:34:35.666 | 165IX4B | 7SCAN | NORM,223.244999, | Check S/P Position | 3R3 | 4 | 0 | 3,899,232:90:0 | |
| 2752 | 97 | 95 | 06:35:27.000 | 175IX422A6A | 6DMSC | R806,3 | DMS Control | 3R3 | 4 | 0 | 3,899,233:76:0 | |
| 2753 | 97 | 95 | 06:35:29.000 | 118IX | **SMOS** | GS | | 3R3 | 4 | 0 | 3,899,233:79:0 | |
| 2754 | 97 | 95 | 06:35:33.666 | | DMS: | : *RUNUP | R806, TRACK *3, FWD, TIC 1946.99 +/- 1 | 3R3 | 4 | 0 | 3,899,233:86:0 | |
| 2755 | 97 | 95 | 06:35:35.666 | 165IX4C | 7VECT | | Inert vect update UTC | 3R3 | 4 | 0 | 3,899,233:89:0 | |
| 2756 | 97 | 95 | 06:35:36.333 | 165IX4D | 7TMOT | ENA,TMC | Enable IVP - Target Motion | 3R3 | 4 | 0 | 3,899,233:90:0 | |
| 2757 | 97 | 95 | 06:35:38.333 | 175IX176A6A | 6TMREC | IM8 | 806.4 KBPS IMAGE RECORD Record Mode Chang | 3R3 | 4 | 0 | 3,899,234:02:0 | |
| 2758 | 97 | 95 | 06:35:38.933 | | DMS: | **: *RECORD** | R806, TRACK 3, FWD, TIC *2012.99 +/- 1 | 3R3 | 4 | 0 | 3,899,234:02:9 | |
| 2759 | 97 | 95 | 06:35:38.933 | | DMS: | : *AT_SPD | R806, TRACK 3, FWD, TIC 2012.99 +/- 1 | 3R3 | 4 | 0 | 3,899,234:02:9 | |
| 2760 | 97 | 95 | 06:35:39.000 | 118IX110A111A4A | 7STRP | 0.0075,0.0,26,0, | Slew =,3.51 | 3R3 | 4 | 0 | 3,899,234:03:0 | |
| 2761 | 97 | 95 | 06:35:47.666 | 118IX11A | **SMOS** | GE | | 3R3 | 4 | 0 | 3,899,234:16:0 | |
| 2762 | 97 | 95 | 06:35:54.333 | 175IX422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 3R3 | 4 | 0 | 3,899,234:26:0 | |
| 2763 | 97 | 95 | 06:35:54.333 | | DMS: | **: *RUNDOWN** | R806, TRACK 3, FWD, TIC *2391.97 +/- 1 | 3R3 | 4 | 0 | 3,899,234:26:0 | |
| 2764 | 97 | 95 | 06:36:36.333 | 165IY4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 3R3 | 4 | 0 | 3,899,234:89:0 | |
| 2765 | 97 | 95 | 06:36:37.000 | 165IY4B | 7SCAN | NORM,226.271,-33 | Check S/P Position | 3R3 | 4 | 0 | 3,899,234:90:0 | |
| 2766 | 97 | 95 | 06:37:28.333 | 175IY422A6A | 6DMSC | R806,3 | DMS Control | 3R3 | 4 | 0 | 3,899,235:76:0 | |
| 2767 | 97 | 95 | 06:37:30.333 | 118IY | **SMOS** | GS | | 3R3 | 4 | 0 | 3,899,235:79:0 | |
| 2768 | 97 | 95 | 06:37:35.000 | | DMS: | : *RUNUP | R806, TRACK *3, FWD, TIC 2403.47 +/- 1 | 3R3 | 4 | 0 | 3,899,235:86:0 | |
| 2769 | 97 | 95 | 06:37:37.000 | 165IY4C | 7VECT | | Inert vect update UTC | 3R3 | 4 | 0 | 3,899,235:89:0 | |
| 2770 | 97 | 95 | 06:37:37.666 | 165IY4D | 7TMOT | ENA,TMC | Enable IVP - Target Motion | 3R3 | 4 | 0 | 3,899,235:90:0 | |
| 2771 | 97 | 95 | 06:37:39.666 | 175IY176A6A | 6TMREC | IM8 | 806.4 KBPS IMAGE RECORD Record Mode Chang | 3R3 | 4 | 0 | 3,899,236:02:0 | |
| 2772 | 97 | 95 | 06:37:40.266 | | DMS: | : *AT_SPD | R806, TRACK 3, FWD, TIC 2469.47 +/- 2 | 3R3 | 4 | 0 | 3,899,236:02:9 | |
| 2773 | 97 | 95 | 06:37:40.266 | | DMS: | **: *RECORD** | R806, TRACK 3, FWD, TIC *2469.47 +/- 1 | 3R3 | 4 | 0 | 3,899,236:02:9 | |
| 2774 | 97 | 95 | 06:37:40.333 | 118IY110A111A4A | 7STRP | 0.0075,0.0,26,0, | Slew =,3.51 | 3R3 | 4 | 0 | 3,899,236:03:0 | |
| 2775 | 97 | 95 | 06:37:49.000 | 118IY110A111A4B | 7STRP | 0.0,0.0075,0,0,0 | Slew =,3.51 | 3R3 | 4 | 0 | 3,899,236:16:0 | |
| 2776 | 97 | 95 | 06:37:57.666 | 118IY110A111A4C | 7STRP | 0.0075,0.0,26,0, | Slew =,3.51 | 3R3 | 4 | 0 | 3,899,236:29:0 | |
| 2777 | 97 | 95 | 06:38:06.333 | 118IY11A | **SMOS** | GE | | 3R3 | 4 | 0 | 3,899,236:42:0 | |
| 2778 | 97 | 95 | 06:38:13.000 | | DMS: | **: *RUNDOWN** | R806, TRACK 3, FWD, TIC *3275.02 +/- 2 | 3R3 | 4 | 0 | 3,899,236:52:0 | |
| 2779 | 97 | 95 | 06:38:13.000 | 175IY422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 3R3 | 4 | 0 | 3,899,236:52:0 | |
| 2780 | 97 | 95 | 06:38:37.666 | 165IZ4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 3R3 | 4 | 0 | 3,899,236:89:0 | |
| 2781 | 97 | 95 | 06:38:38.333 | 165IZ4B | 7SCAN | NORM,216.685999, | Check S/P Position | 3R3 | 4 | 0 | 3,899,236:90:0 | |
| 2782 | 97 | 95 | 06:39:35.666 | 175IZ422A6A | 6DMSC | R115,3 | DMS Control | 3R3 | 4 | 0 | 3,899,237:85:0 | |
| 2783 | 97 | 95 | 06:39:38.333 | 165IZ4C | 7VECT | | Inert vect update UTC | 3R3 | 4 | 0 | 3,899,237:89:0 | |
| 2784 | 97 | 95 | 06:39:39.000 | 165IZ4D | 7TMOT | ENA,TMC | Enable IVP - Target Motion | 3R3 | 4 | 0 | 3,899,237:90:0 | |
| 2785 | 97 | 95 | 06:39:42.333 | | DMS: | : *RUNUP | R115, TRACK *3, FWD, TIC 3286.52 +/- 2 | 3R3 | 4 | 0 | 3,899,238:04:0 | |
| 2786 | 97 | 95 | 06:39:46.333 | | DMS: | : *AT_SPD | R115, TRACK 3, FWD, TIC 3292.82 +/- 2 | 3R3 | 4 | 0 | 3,899,238:10:0 | |
| 2787 | 97 | 95 | 06:39:46.333 | | DMS: | **: *RECORD** | R115, TRACK 3, FWD, TIC *3292.82 +/- 2 | 3R3 | 4 | 0 | 3,899,238:10:0 | |
| 2788 | 97 | 95 | 06:39:46.333 | 175IZ176A6A | 6TMREC | HIM | 115.2 KBPS SSI + NIMS RECORD Record Mode | 3R3 | 4 | 0 | 3,899,238:10:0 | |
| 2789 | 97 | 95 | 06:40:40.333 | 176IZ6A | 6TMREC | HIS | 115.2 KBPS SSI + NIMS RECORD Record Mode | 3R3 | 4 | 0 | 3,899,239:00:0 | |
| **2790** | **97** | **95** | **06:40:44.333** | **G7GNKITTU_01-** | | **-----START------** | | **3R3** | **4** | **0** | **: :** | |
| 2791 | 97 | 95 | 06:41:26.333 | | DMS: | **: *RUNDOWN** | R115, TRACK 3, FWD, TIC *3644.38 +/- 2 | 3R3 | 4 | 0 | 3,899,239:69:0 | |
| 2792 | 97 | 95 | 06:41:26.333 | 175IZ422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 3R3 | 4 | 0 | 3,899,239:69:0 | |
| 2793 | 97 | 95 | 06:41:36.333 | 127EY | NIMSTAB | GS | %%%%% GROUP START TAB | 3R3 | 4 | 0 | 3,899,239:84:0 | |
| **2794** | **97** | **95** | **06:41:37.000** | **127EY4A** | **37ETB** | **04,C4,35,FF,FF** | **Loads wavelength edit table** | **3R3** | **4** | **0** | **3,899,239:85:0** | |
| 2795 | 97 | 95 | 06:41:39.666 | 165EY4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 3R3 | 4 | 0 | 3,899,239:89:0 | |
| 2796 | 97 | 95 | 06:41:40.333 | 165EY4B | 7SCAN | NORM,214.257,-37 | Check S/P Position | 3R3 | 4 | 0 | 3,899,239:90:0 | |
| 2797 | 97 | 95 | 06:41:45.000 | 127EY11A | NIMSTAB | GE | %%%%% GROUP END TAB | 3R3 | 4 | 0 | 3,899,240:06:0 | |
| 2798 | 97 | 95 | 06:42:27.666 | 175EY422A6A | 6DMSC | R28,3 | DMS Control | 3R3 | 4 | 0 | 3,899,240:70:0 | |
| 2799 | 97 | 95 | 06:42:32.333 | 117EY | **CSMOS** | GS | ***** GROUP START CSMOS | 3R3 | 4 | 0 | 3,899,240:77:0 | |
| 2800 | 97 | 95 | 06:42:34.333 | | DMS: | : *RUNUP | R28, TRACK *3, FWD, TIC 3645.38 +/- 2 | 3R3 | 4 | 0 | 3,899,240:80:0 | |
| 2801 | 97 | 95 | 06:42:38.333 | | DMS: | : *AT_SPD | R28, TRACK 3, FWD, TIC 3646.88 +/- 2 | 3R3 | 4 | 0 | 3,899,240:86:0 | |
| 2802 | 97 | 95 | 06:42:38.333 | | DMS: | **: *RECORD** | R28, TRACK 3, FWD, TIC *3646.88 +/- 2 | 3R3 | 4 | 0 | 3,899,240:86:0 | |
| 2803 | 97 | 95 | 06:42:38.333 | 175EY176A6A | 6TMREC | **MPW** | 28.8 KBPS PWS + NIMS RECORD Record Mode C | 3R3 | 4 | 0 | 3,899,240:86:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2804 | 97 | 95 | 06:42:40.333 | 165EY4C | 7VECT | | Inert vect update UTC | 3R3 | 4 | 0 | 3,899,240:89:0 | |
| 2805 | 97 | 95 | 06:42:41.000 | 165EY4D | 7TMOT | ENA,TMC | Enable IVP - Target Motion | 3R3 | 4 | 0 | 3,899,240:90:0 | |
| 2806 | 97 | 95 | 06:42:41.666 | 117EY105A106A4A | **7STRP** | **-0.020003,0.0,0,** | **Slew =,0.03** | 3R3 | 4 | 0 | 3,899,241:00:0 | |
| **2807** | **97** | **95** | **06:42:42.335** | **G7GNKITTU_01-** | **NIMPBK** | **301FB** | **DARK RAYED CRATER KITTU** | **3R3** | **4** | **0** | **: :** | |
| 2808 | 97 | 95 | 06:44:40.333 | 282NO431A6A | 6RCSEL | DDSNCG,PLSSEL,EP | Record Select (DDS onl | 3R3 | 4 | 0 | 3,899,242:87:0 | |
| 2809 | 97 | 95 | 06:44:43.000 | 431OA6A | 6RCSEL | DDSSEL,PLSNCG,EP | Record Select (DDS onl | 3R3 | 4 | 0 | 3,899,243:00:0 | |
| **2810** | **97** | **95** | **06:45:35.668** | **G7GNKITTU_01-** | **NIMPBK** | **301KC** | **DARK RAYED CRATER KITTU** | **3R3** | **4** | **0** | **: :** | |
| **2811** | **97** | **95** | **06:45:44.335** | **G7GNKITTU_01-** | **DESELC** | **300FB** | **DARK RAYED CRATER KITTU** | **3R3** | **4** | **0** | **: :** | |
| 2812 | 97 | 95 | 06:47:44.333 | 428JA6A | 6RCCLR | | | 3R3 | 4 | 0 | 3,899,245:90:0 | |
| 2813 | 97 | 95 | 06:47:45.000 | 428JA6B | 6RCSET | | 8 | 3R3 | 4 | 0 | 3,899,246:00:0 | |
| **2814** | **97** | **95** | **06:48:24.335** | **G7GNKITTU_01-** | **NIMPBK** | **301FI** | **DARK RAYED CRATER KITTU** | **3R3** | **4** | **0** | **: :** | |
| **2815** | **97** | **95** | **06:48:33.002** | **G7GNKITTU_01-** | **DESELC** | **300KC** | **DARK RAYED CRATER KITTU** | **3R3** | **4** | **0** | **: :** | |
| **2816** | **97** | **95** | **06:51:17.668** | **G7GNKITTU_01-** | **NIMPBK** | **301FG** | **DARK RAYED CRATER KITTU** | **3R3** | **4** | **0** | **: :** | |
| **2817** | **97** | **95** | **06:51:26.335** | **G7GNKITTU_01-** | **DESELC** | **300FI** | **DARK RAYED CRATER KITTU** | **3R3** | **4** | **0** | **: :** | |
| 2818 | 97 | 95 | 06:54:22.333 | 117EY11A | **CSMOS** | GE | ***** GROUP END CSMOS | 3R3 | 4 | 0 | 3,899,252:50:0 | |
| **2819** | **97** | **95** | **06:54:23.002** | **G7GNKITTU_01-** | **DESELC** | **300FG** | **DARK RAYED CRATER KITTU** | **3R3** | **4** | **0** | **: :** | |
| 2820 | 97 | 95 | 06:54:23.666 | | DMS: | **: *RUNDOWN** | R28, TRACK 3, FWD, TIC *4266.80 +/- 2 | 3R3 | 4 | 0 | 3,899,252:52:0 | |
| 2821 | 97 | 95 | 06:54:23.666 | 175TB422A6A | 6DMSC | R7,3 | DMS Control | 3R3 | 4 | 0 | 3,899,252:52:0 | |
| 2822 | 97 | 95 | 06:54:24.866 | | DMS: | : *RUNUP | R7, TRACK 3, FWD, TIC *4267.10 +/- 2 | 3R3 | 4 | 0 | 3,899,252:53:8 | |
| 2823 | 97 | 95 | 06:54:26.266 | | DMS: | : *AT_SPD | R7, TRACK 3, FWD, TIC 4267.22 +/- 2 | 3R3 | 4 | 0 | 3,899,252:55:9 | |
| 2824 | 97 | 95 | 06:54:26.266 | | DMS: | **: *RECORD** | R7, TRACK 3, FWD, TIC *4267.22 +/- 2 | 3R3 | 4 | 0 | 3,899,252:55:9 | |
| 2825 | 97 | 95 | 06:54:26.333 | 175TB176A6A | 6TMREC | LPW | 7.68 KBPS LOW RATE SCI PWS RECORD Record | 3R3 | 4 | 0 | 3,899,252:56:0 | |
| **2826** | **97** | **95** | **06:54:53.666** | **G7GNKITTU_01-** | | **-----STOP-------** | | **3R3** | **4** | **0** | **: :** | |
| 2827 | 97 | 95 | 07:08:57.666 | 165HH4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 3R3 | 4 | 0 | 3,899,266:89:0 | |
| 2828 | 97 | 95 | 07:08:58.333 | 165HH4B | 7SCAN | NORM,120.278999, | Check S/P Position | 3R3 | 4 | 0 | 3,899,266:90:0 | |
| 2829 | 97 | 95 | 07:10:51.000 | 117HH | **CSMOS** | GS | ***** GROUP START CSMOS | 3R3 | 4 | 0 | 3,899,268:77:0 | |
| 2830 | 97 | 95 | 07:10:59.000 | 165HH4C | 7VECT | | Inert vect update UTC | 3R3 | 4 | 0 | 3,899,268:89:0 | |
| 2831 | 97 | 95 | 07:10:59.666 | 165HH4D | 7TMOT | ENA,TMC | Enable IVP - Target Motion | 3R3 | 4 | 0 | 3,899,268:90:0 | |
| 2832 | 97 | 95 | 07:11:00.333 | 117HH105A106A4A | 7STRP | -0.135826,0.0310 | Slew =,0.16 | 3R3 | 4 | 0 | 3,899,269:00:0 | |
| 2833 | 97 | 95 | 07:17:04.333 | 428JB6A | 6RCCLR | | | 3R3 | 4 | 0 | 3,899,275:00:0 | |
| 2834 | 97 | 95 | 07:25:09.666 | 117HH11A | **CSMOS** | GE | ***** GROUP END CSMOS | 3R3 | 4 | 0 | 3,899,283:00:0 | |
| 2835 | 97 | 95 | 07:40:17.666 | 432MB431A6A | 6RCDSL | DDSDSL,PLSNCG,EP | Record Deselect (DDS o | 3R3 | 4 | 0 | 3,899,297:88:0 | |
| 2836 | 97 | 95 | 07:40:18.333 | 432MB6A | 6RTSL1 | | R/T Select of DDS and | 3R3 | 4 | 0 | 3,899,297:89:0 | |
| 2837 | 97 | 95 | 07:40:21.666 | 432OW431A6A | 6RCDSL | DDSNCG,PLSNCG,EP | Record Deselect (DDS o | 3R3 | 4 | 0 | 3,899,298:03:0 | |
| 2838 | 97 | 95 | 07:40:21.666 | 175TB422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 3R3 | 4 | 0 | 3,899,298:03:0 | |
| 2839 | 97 | 95 | 07:40:21.666 | | DMS: | **: *RUNDOWN** | R7, TRACK 3, FWD, TIC *4913.02 +/- 2 | 3R3 | 4 | 0 | 3,899,298:03:0 | |
| 2840 | 97 | 95 | 07:40:22.333 | 432OW6A | 6RTSL1 | | R/T Select of DDS and | 3R3 | 4 | 0 | 3,899,298:04:0 | |
| 2841 | 97 | 95 | 07:40:25.666 | 282NP431A6A | 6RCDSL | DDSNCG,PLSDSL,EP | Record Deselect (DDS o | 3R3 | 4 | 0 | 3,899,298:09:0 | |
| 2842 | 97 | 95 | 07:41:14.333 | 282NP432A431A6A | 6RCDSL | DDSNCG,PLSDSL,EP | Record Deselect (DDS o | 3R3 | 4 | 0 | 3,899,298:82:0 | |
| 2843 | 97 | 95 | 07:41:15.000 | 282NP432A6A | 6RTSL1 | | R/T Select of DDS and | 3R3 | 4 | 0 | 3,899,298:83:0 | |
| 2844 | 97 | 95 | 08:40:58.333 | 165HI4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 3R3 | 4 | 0 | 3,899,357:89:0 | |
| 2845 | 97 | 95 | 08:40:59.000 | 165HI4B | 7SCAN | NORM,66.726999,2 | Check S/P Position | 3R3 | 4 | 0 | 3,899,357:90:0 | |
| 2846 | 97 | 95 | 08:44:53.000 | 117HI | **CSMOS** | GS | ***** GROUP START CSMOS | 3R3 | 4 | 0 | 3,899,361:77:0 | |
| 2847 | 97 | 95 | 08:45:02.333 | 176HI6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 3R3 | 4 | 0 | 3,899,362:00:0 | |
| 2848 | 97 | 95 | 08:45:02.333 | 117HI105A106A4A | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,362:00:0 | |
| 2849 | 97 | 95 | 08:45:37.666 | 117HI105A106A4B | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,362:53:0 | |
| 2850 | 97 | 95 | 08:45:46.333 | 117HI105A106A4C | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,362:66:0 | |
| 2851 | 97 | 95 | 08:46:21.666 | 117HI105A106A4D | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,363:28:0 | |
| 2852 | 97 | 95 | 08:46:30.333 | 117HI105A106A4E | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,363:41:0 | |
| 2853 | 97 | 95 | 08:47:05.666 | 117HI105A106A4F | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,364:03:0 | |
| 2854 | 97 | 95 | 08:47:14.333 | 117HI105A106A4G | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,364:16:0 | |
| 2855 | 97 | 95 | 08:47:49.666 | 117HI105A106A4H | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,364:69:0 | |
| 2856 | 97 | 95 | 08:47:58.333 | 117HI105A106A4I | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,364:82:0 | |
| 2857 | 97 | 95 | 08:48:33.666 | 117HI105A106A4J | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,365:44:0 | |
| 2858 | 97 | 95 | 08:48:42.333 | 117HI105A106A4K | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,365:57:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2859 | 97 | 95 | 08:49:17.666 | 117HI105A106A4L | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,366:19:0 | |
| 2860 | 97 | 95 | 08:49:26.333 | 117HI105A106A4M | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,366:32:0 | |
| 2861 | 97 | 95 | 08:50:01.666 | 117HI105A106A4N | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,366:85:0 | |
| 2862 | 97 | 95 | 08:50:10.333 | 117HI105A106A4O | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,367:07:0 | |
| 2863 | 97 | 95 | 08:50:45.666 | 117HI105A106A4P | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,367:60:0 | |
| 2864 | 97 | 95 | 08:50:54.333 | 117HI105A106A4Q | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,367:73:0 | |
| 2865 | 97 | 95 | 08:51:29.666 | 117HI105A106A4R | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,368:35:0 | |
| 2866 | 97 | 95 | 08:51:38.333 | 117HI105A106A4S | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,368:48:0 | |
| 2867 | 97 | 95 | 08:52:13.666 | 117HI105A106A4T | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,369:10:0 | |
| 2868 | 97 | 95 | 08:52:22.333 | 117HI105A106A4U | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,369:23:0 | |
| 2869 | 97 | 95 | 08:52:57.666 | 117HI105A106A4V | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,369:76:0 | |
| 2870 | 97 | 95 | 08:53:06.333 | 117HI105A106A4W | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,369:89:0 | |
| 2871 | 97 | 95 | 08:53:41.666 | 117HI105A106A4X | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,370:51:0 | |
| 2872 | 97 | 95 | 08:53:50.333 | 117HI105A106A4Y | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,370:64:0 | |
| 2873 | 97 | 95 | 08:54:25.666 | 117HI105A106A4Z | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,371:26:0 | |
| 2874 | 97 | 95 | 08:54:34.333 | 117HI105A106A4AA | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,371:39:0 | |
| 2875 | 97 | 95 | 08:55:09.666 | 117HI105A106A4AB | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,372:01:0 | |
| 2876 | 97 | 95 | 08:55:18.333 | 117HI105A106A4AC | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,372:14:0 | |
| 2877 | 97 | 95 | 08:55:53.666 | 117HI105A106A4AD | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,372:67:0 | |
| 2878 | 97 | 95 | 08:56:02.333 | 117HI105A106A4AE | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,372:80:0 | |
| 2879 | 97 | 95 | 08:56:37.666 | 117HI105A106A4AF | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,373:42:0 | |
| 2880 | 97 | 95 | 08:56:46.333 | 117HI105A106A4AG | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,373:55:0 | |
| 2881 | 97 | 95 | 08:57:21.666 | 117HI105A106A4AH | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,374:17:0 | |
| 2882 | 97 | 95 | 08:57:30.333 | 117HI105A106A4AI | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,374:30:0 | |
| 2883 | 97 | 95 | 08:57:44.333 | | DMS: | : *RUNUP | R7, TRACK *3, FWD, TIC 4913.08 +/- 2 | 3R3 | 4 | 0 | 3,899,374:51:0 | |
| 2884 | 97 | 95 | 08:57:45.733 | | DMS: | : *AT_SPD | R7, TRACK 3, FWD, TIC *4913.20 +/- 2 | 3R3 | 4 | 0 | 3,899,374:53:1 | |
| 2885 | 97 | 95 | 08:58:02.333 | | DMS: | **: *RECORD** | R7, TRACK 3, FWD, TIC *4917.09 +/- 2 | 3R3 | 4 | 0 | 3,899,374:78:0 | |
| 2886 | 97 | 95 | 08:58:05.666 | 117HI105A106A4AJ | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,374:83:0 | |
| 2887 | 97 | 95 | 08:58:14.333 | 117HI105A106A4AK | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,375:05:0 | |
| 2888 | 97 | 95 | 08:58:22.333 | | DMS: | **: *RUNDOWN** | R7, TRACK 3, FWD, TIC *4921.78 +/- 2 | 3R3 | 4 | 0 | 3,899,375:17:0 | |
| 2889 | 97 | 95 | 08:58:49.666 | 117HI105A106A4AL | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,375:58:0 | |
| 2890 | 97 | 95 | 08:58:58.333 | 117HI105A106A4AM | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,375:71:0 | |
| 2891 | 97 | 95 | 08:59:33.666 | 117HI105A106A4AN | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,376:33:0 | |
| 2892 | 97 | 95 | 08:59:42.333 | 117HI105A106A4AO | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,376:46:0 | |
| 2893 | 97 | 95 | 09:00:17.666 | 117HI105A106A4AP | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,377:08:0 | |
| 2894 | 97 | 95 | 09:00:26.333 | 117HI105A106A4AQ | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,377:21:0 | |
| 2895 | 97 | 95 | 09:01:01.666 | 117HI105A106A4AR | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,377:74:0 | |
| 2896 | 97 | 95 | 09:01:10.333 | 117HI105A106A4AS | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,377:87:0 | |
| 2897 | 97 | 95 | 09:01:45.666 | 117HI105A106A4AT | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,378:49:0 | |
| 2898 | 97 | 95 | 09:01:54.333 | 117HI105A106A4AU | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,378:62:0 | |
| 2899 | 97 | 95 | 09:02:29.666 | 117HI105A106A4AV | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,379:24:0 | |
| 2900 | 97 | 95 | 09:02:38.333 | 117HI105A106A4AW | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,379:37:0 | |
| 2901 | 97 | 95 | 09:03:13.666 | 117HI105A106A4AX | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,379:90:0 | |
| 2902 | 97 | 95 | 09:03:22.333 | 117HI105A106A4AY | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,380:12:0 | |
| 2903 | 97 | 95 | 09:03:57.666 | 117HI105A106A4AZ | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,380:65:0 | |
| 2904 | 97 | 95 | 09:04:06.333 | 117HI105A106A4BA | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,380:78:0 | |
| 2905 | 97 | 95 | 09:04:41.666 | 117HI105A106A4BB | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,381:40:0 | |
| 2906 | 97 | 95 | 09:04:50.333 | 117HI105A106A4BC | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,381:53:0 | |
| 2907 | 97 | 95 | 09:05:25.666 | 117HI105A106A4BD | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,382:15:0 | |
| 2908 | 97 | 95 | 09:05:34.333 | 117HI105A106A4BE | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,382:28:0 | |
| 2909 | 97 | 95 | 09:06:09.666 | 117HI105A106A4BF | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,382:81:0 | |
| 2910 | 97 | 95 | 09:06:18.333 | 117HI105A106A4BG | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,383:03:0 | |
| 2911 | 97 | 95 | 09:06:53.666 | 117HI105A106A4BH | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,383:56:0 | |
| 2912 | 97 | 95 | 09:07:02.333 | 117HI105A106A4BI | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,383:69:0 | |
| 2913 | 97 | 95 | 09:07:37.666 | 117HI105A106A4BJ | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,384:31:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2914 | 97 | 95 | 09:07:46.333 | 117HI105A106A4BK | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,384:44:0 | |
| 2915 | 97 | 95 | 09:08:21.666 | 117HI105A106A4BL | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,385:06:0 | |
| 2916 | 97 | 95 | 09:08:30.333 | 117HI105A106A4BM | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,385:19:0 | |
| 2917 | 97 | 95 | 09:09:05.666 | 117HI105A106A4BN | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,385:72:0 | |
| 2918 | 97 | 95 | 09:09:14.333 | 117HI105A106A4BO | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,385:85:0 | |
| 2919 | 97 | 95 | 09:09:49.666 | 117HI105A106A4BP | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,386:47:0 | |
| 2920 | 97 | 95 | 09:09:58.333 | 117HI105A106A4BQ | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,386:60:0 | |
| 2921 | 97 | 95 | 09:10:33.666 | 117HI105A106A4BR | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,387:22:0 | |
| 2922 | 97 | 95 | 09:10:42.333 | 117HI105A106A4BS | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,387:35:0 | |
| 2923 | 97 | 95 | 09:10:46.333 | | DMS: | : *RUNUP | R7, TRACK *3, FWD, TIC 4921.84 +/- 2 | 3R3 | 4 | 0 | 3,899,387:41:0 | |
| 2924 | 97 | 95 | 09:10:47.733 | | DMS: | : *AT_SPD | R7, TRACK 3, FWD, TIC *4921.96 +/- 2 | 3R3 | 4 | 0 | 3,899,387:43:1 | |
| 2925 | 97 | 95 | 09:11:04.333 | | DMS: | **: *RECORD** | R7, TRACK 3, FWD, TIC *4925.85 +/- 2 | 3R3 | 4 | 0 | 3,899,387:68:0 | |
| 2926 | 97 | 95 | 09:11:17.666 | 117HI105A106A4BT | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,387:88:0 | |
| 2927 | 97 | 95 | 09:11:24.333 | | DMS: | **: *RUNDOWN** | R7, TRACK 3, FWD, TIC *4930.54 +/- 2 | 3R3 | 4 | 0 | 3,899,388:07:0 | |
| 2928 | 97 | 95 | 09:11:26.333 | 117HI105A106A4BU | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,388:10:0 | |
| 2929 | 97 | 95 | 09:12:01.666 | 117HI105A106A4BV | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,388:63:0 | |
| 2930 | 97 | 95 | 09:12:10.333 | 117HI105A106A4BW | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,388:76:0 | |
| 2931 | 97 | 95 | 09:12:45.666 | 117HI105A106A4BX | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,389:38:0 | |
| 2932 | 97 | 95 | 09:12:54.333 | 117HI105A106A4BY | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,389:51:0 | |
| 2933 | 97 | 95 | 09:13:29.666 | 117HI105A106A4BZ | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,390:13:0 | |
| 2934 | 97 | 95 | 09:13:38.333 | 117HI105A106A4CA | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,390:26:0 | |
| 2935 | 97 | 95 | 09:14:13.666 | 117HI105A106A4CB | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,390:79:0 | |
| 2936 | 97 | 95 | 09:14:22.333 | 117HI105A106A4CC | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,391:01:0 | |
| 2937 | 97 | 95 | 09:14:57.666 | 117HI105A106A4CD | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,391:54:0 | |
| 2938 | 97 | 95 | 09:15:06.333 | 117HI105A106A4CE | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,391:67:0 | |
| 2939 | 97 | 95 | 09:15:41.666 | 117HI105A106A4CF | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,392:29:0 | |
| 2940 | 97 | 95 | 09:15:50.333 | 117HI105A106A4CG | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,392:42:0 | |
| 2941 | 97 | 95 | 09:16:25.666 | 117HI105A106A4CH | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,393:04:0 | |
| 2942 | 97 | 95 | 09:16:34.333 | 117HI105A106A4CI | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,393:17:0 | |
| 2943 | 97 | 95 | 09:17:09.666 | 117HI105A106A4CJ | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,393:70:0 | |
| 2944 | 97 | 95 | 09:17:18.333 | 117HI105A106A4CK | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,393:83:0 | |
| 2945 | 97 | 95 | 09:17:53.666 | 117HI105A106A4CL | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,394:45:0 | |
| 2946 | 97 | 95 | 09:18:02.333 | 117HI105A106A4CM | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,394:58:0 | |
| 2947 | 97 | 95 | 09:18:37.666 | 117HI105A106A4CN | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,395:20:0 | |
| 2948 | 97 | 95 | 09:18:46.333 | 117HI105A106A4CO | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,395:33:0 | |
| 2949 | 97 | 95 | 09:19:21.666 | 117HI105A106A4CP | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,395:86:0 | |
| 2950 | 97 | 95 | 09:19:30.333 | 117HI105A106A4CQ | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,396:08:0 | |
| 2951 | 97 | 95 | 09:20:05.666 | 117HI105A106A4CR | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,396:61:0 | |
| 2952 | 97 | 95 | 09:20:14.333 | 117HI105A106A4CS | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,396:74:0 | |
| 2953 | 97 | 95 | 09:20:49.666 | 117HI105A106A4CT | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,397:36:0 | |
| 2954 | 97 | 95 | 09:20:58.333 | 117HI105A106A4CU | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,397:49:0 | |
| 2955 | 97 | 95 | 09:21:33.666 | 117HI105A106A4CV | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,398:11:0 | |
| 2956 | 97 | 95 | 09:21:42.333 | 117HI105A106A4CW | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,398:24:0 | |
| 2957 | 97 | 95 | 09:22:17.666 | 117HI105A106A4CX | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,398:77:0 | |
| 2958 | 97 | 95 | 09:22:26.333 | 117HI105A106A4CY | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,398:90:0 | |
| 2959 | 97 | 95 | 09:23:01.666 | 117HI105A106A4CZ | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,399:52:0 | |
| 2960 | 97 | 95 | 09:23:10.333 | 117HI105A106A4DA | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,399:65:0 | |
| 2961 | 97 | 95 | 09:23:45.666 | 117HI105A106A4DB | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,400:27:0 | |
| 2962 | 97 | 95 | 09:23:48.333 | | DMS: | : *RUNUP | R7, TRACK *3, FWD, TIC 4930.60 +/- 2 | 3R3 | 4 | 0 | 3,899,400:31:0 | |
| 2963 | 97 | 95 | 09:23:49.733 | | DMS: | : *AT_SPD | R7, TRACK 3, FWD, TIC *4930.72 +/- 2 | 3R3 | 4 | 0 | 3,899,400:33:1 | |
| 2964 | 97 | 95 | 09:23:54.333 | 117HI105A106A4DC | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,400:40:0 | |
| 2965 | 97 | 95 | 09:24:06.333 | | DMS: | **: *RECORD** | R7, TRACK 3, FWD, TIC *4934.61 +/- 2 | 3R3 | 4 | 0 | 3,899,400:58:0 | |
| 2966 | 97 | 95 | 09:24:26.333 | | DMS: | **: *RUNDOWN** | R7, TRACK 3, FWD, TIC *4939.30 +/- 2 | 3R3 | 4 | 0 | 3,899,400:88:0 | |
| 2967 | 97 | 95 | 09:24:29.666 | 117HI105A106A4DD | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,401:02:0 | |
| 2968 | 97 | 95 | 09:24:38.333 | 117HI105A106A4DE | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,401:15:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2969 | 97 | 95 | 09:25:13.666 | 117HI105A106A4DF | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,401:68:0 | |
| 2970 | 97 | 95 | 09:25:22.333 | 117HI105A106A4DG | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,401:81:0 | |
| 2971 | 97 | 95 | 09:25:57.666 | 117HI105A106A4DH | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,402:43:0 | |
| 2972 | 97 | 95 | 09:26:06.333 | 117HI105A106A4DI | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,402:56:0 | |
| 2973 | 97 | 95 | 09:26:41.666 | 117HI105A106A4DJ | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,403:18:0 | |
| 2974 | 97 | 95 | 09:26:50.333 | 117HI105A106A4DK | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,403:31:0 | |
| 2975 | 97 | 95 | 09:27:25.666 | 117HI105A106A4DL | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,403:84:0 | |
| 2976 | 97 | 95 | 09:27:34.333 | 117HI105A106A4DM | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,404:06:0 | |
| 2977 | 97 | 95 | 09:28:09.666 | 117HI105A106A4DN | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,404:59:0 | |
| 2978 | 97 | 95 | 09:28:18.333 | 117HI105A106A4DO | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,404:72:0 | |
| 2979 | 97 | 95 | 09:28:53.666 | 117HI105A106A4DP | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,405:34:0 | |
| 2980 | 97 | 95 | 09:29:02.333 | 117HI105A106A4DQ | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,405:47:0 | |
| 2981 | 97 | 95 | 09:29:37.666 | 117HI105A106A4DR | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,406:09:0 | |
| 2982 | 97 | 95 | 09:29:46.333 | 117HI105A106A4DS | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,406:22:0 | |
| 2983 | 97 | 95 | 09:30:21.666 | 117HI105A106A4DT | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,406:75:0 | |
| 2984 | 97 | 95 | 09:30:30.333 | 117HI105A106A4DU | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,406:88:0 | |
| 2985 | 97 | 95 | 09:31:05.666 | 117HI105A106A4DV | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,407:50:0 | |
| 2986 | 97 | 95 | 09:31:14.333 | 117HI105A106A4DW | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,407:63:0 | |
| 2987 | 97 | 95 | 09:31:49.666 | 117HI105A106A4DX | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,408:25:0 | |
| 2988 | 97 | 95 | 09:31:58.333 | 117HI105A106A4DY | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,408:38:0 | |
| 2989 | 97 | 95 | 09:32:33.666 | 117HI105A106A4DZ | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,409:00:0 | |
| 2990 | 97 | 95 | 09:32:42.333 | 117HI105A106A4EA | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,409:13:0 | |
| 2991 | 97 | 95 | 09:33:17.666 | 117HI105A106A4EB | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,409:66:0 | |
| 2992 | 97 | 95 | 09:33:26.333 | 117HI105A106A4EC | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,409:79:0 | |
| 2993 | 97 | 95 | 09:34:01.666 | 117HI105A106A4ED | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,410:41:0 | |
| 2994 | 97 | 95 | 09:34:10.333 | 117HI105A106A4EE | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,410:54:0 | |
| 2995 | 97 | 95 | 09:34:45.666 | 117HI105A106A4EF | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,411:16:0 | |
| 2996 | 97 | 95 | 09:34:54.333 | 117HI105A106A4EG | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,411:29:0 | |
| 2997 | 97 | 95 | 09:35:29.666 | 117HI105A106A4EH | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,411:82:0 | |
| 2998 | 97 | 95 | 09:35:38.333 | 117HI105A106A4EI | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,412:04:0 | |
| 2999 | 97 | 95 | 09:36:13.666 | 117HI105A106A4EJ | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,412:57:0 | |
| 3000 | 97 | 95 | 09:36:22.333 | 117HI105A106A4EK | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,412:70:0 | |
| 3001 | 97 | 95 | 09:36:51.000 | | DMS: | : *RUNUP | R7, TRACK *3, FWD, TIC 4939.36 +/- 2 | 3R3 | 4 | 0 | 3,899,413:22:0 | |
| 3002 | 97 | 95 | 09:36:52.400 | | DMS: | : *AT_SPD | R7, TRACK 3, FWD, TIC *4939.48 +/- 2 | 3R3 | 4 | 0 | 3,899,413:24:1 | |
| 3003 | 97 | 95 | 09:36:57.666 | 117HI105A106A4EL | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,413:32:0 | |
| 3004 | 97 | 95 | 09:37:06.333 | 117HI105A106A4EM | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,413:45:0 | |
| 3005 | 97 | 95 | 09:37:08.333 | | DMS: | **: *RECORD** | R7, TRACK 3, FWD, TIC *4943.21 +/- 2 | 3R3 | 4 | 0 | 3,899,413:48:0 | |
| 3006 | 97 | 95 | 09:37:28.333 | | DMS: | **: *RUNDOWN** | R7, TRACK 3, FWD, TIC *4947.90 +/- 2 | 3R3 | 4 | 0 | 3,899,413:78:0 | |
| 3007 | 97 | 95 | 09:37:41.666 | 117HI105A106A4EN | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,414:07:0 | |
| 3008 | 97 | 95 | 09:37:50.333 | 117HI105A106A4EO | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,414:20:0 | |
| 3009 | 97 | 95 | 09:38:25.666 | 117HI105A106A4EP | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,414:73:0 | |
| 3010 | 97 | 95 | 09:38:34.333 | 117HI105A106A4EQ | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,414:86:0 | |
| 3011 | 97 | 95 | 09:39:09.666 | 117HI105A106A4ER | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,415:48:0 | |
| 3012 | 97 | 95 | 09:39:18.333 | 117HI105A106A4ES | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,415:61:0 | |
| 3013 | 97 | 95 | 09:39:53.666 | 117HI105A106A4ET | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,416:23:0 | |
| 3014 | 97 | 95 | 09:40:02.333 | 117HI105A106A4EU | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,416:36:0 | |
| 3015 | 97 | 95 | 09:40:37.666 | 117HI105A106A4EV | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,416:89:0 | |
| 3016 | 97 | 95 | 09:40:46.333 | 117HI105A106A4EW | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,417:11:0 | |
| 3017 | 97 | 95 | 09:41:21.666 | 117HI105A106A4EX | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,417:64:0 | |
| 3018 | 97 | 95 | 09:41:30.333 | 117HI105A106A4EY | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,417:77:0 | |
| 3019 | 97 | 95 | 09:42:05.666 | 117HI105A106A4EZ | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,418:39:0 | |
| 3020 | 97 | 95 | 09:42:14.333 | 117HI105A106A4FA | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,418:52:0 | |
| 3021 | 97 | 95 | 09:42:49.666 | 117HI105A106A4FB | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,419:14:0 | |
| 3022 | 97 | 95 | 09:42:58.333 | 117HI105A106A4FC | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,419:27:0 | |
| 3023 | 97 | 95 | 09:43:33.666 | 117HI105A106A4FD | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,419:80:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3024 | 97 | 95 | 09:43:42.333 | 117HI105A106A4FE | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,420:02:0 | |
| 3025 | 97 | 95 | 09:44:17.666 | 117HI105A106A4FF | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,420:55:0 | |
| 3026 | 97 | 95 | 09:44:26.333 | 117HI105A106A4FG | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,420:68:0 | |
| 3027 | 97 | 95 | 09:45:01.666 | 117HI105A106A4FH | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,421:30:0 | |
| 3028 | 97 | 95 | 09:45:10.333 | 117HI105A106A4FI | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,421:43:0 | |
| 3029 | 97 | 95 | 09:45:45.666 | 117HI105A106A4FJ | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,422:05:0 | |
| 3030 | 97 | 95 | 09:45:54.333 | 117HI105A106A4FK | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,422:18:0 | |
| 3031 | 97 | 95 | 09:46:29.666 | 117HI105A106A4FL | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,422:71:0 | |
| 3032 | 97 | 95 | 09:46:38.333 | 117HI105A106A4FM | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,422:84:0 | |
| 3033 | 97 | 95 | 09:47:13.666 | 117HI105A106A4FN | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,423:46:0 | |
| 3034 | 97 | 95 | 09:47:22.333 | 117HI105A106A4FO | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,423:59:0 | |
| 3035 | 97 | 95 | 09:47:57.666 | 117HI105A106A4FP | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,424:21:0 | |
| 3036 | 97 | 95 | 09:48:06.333 | 117HI105A106A4FQ | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,424:34:0 | |
| 3037 | 97 | 95 | 09:48:41.666 | 117HI105A106A4FR | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,424:87:0 | |
| 3038 | 97 | 95 | 09:48:50.333 | 117HI105A106A4FS | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,425:09:0 | |
| 3039 | 97 | 95 | 09:49:25.666 | 117HI105A106A4FT | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,425:62:0 | |
| 3040 | 97 | 95 | 09:49:34.333 | 117HI105A106A4FU | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,425:75:0 | |
| 3041 | 97 | 95 | 09:49:53.000 | | DMS: | : *RUNUP | R7, TRACK *3, FWD, TIC 4947.96 +/- 2 | 3R3 | 4 | 0 | 3,899,426:12:0 | |
| 3042 | 97 | 95 | 09:49:54.400 | | DMS: | : *AT_SPD | R7, TRACK 3, FWD, TIC *4948.08 +/- 2 | 3R3 | 4 | 0 | 3,899,426:14:1 | |
| 3043 | 97 | 95 | 09:50:09.666 | 117HI105A106A4FV | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,426:37:0 | |
| 3044 | 97 | 95 | 09:50:11.000 | | DMS: | **: *RECORD** | R7, TRACK 3, FWD, TIC *4951.97 +/- 2 | 3R3 | 4 | 0 | 3,899,426:39:0 | |
| 3045 | 97 | 95 | 09:50:18.333 | 117HI105A106A4FW | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,426:50:0 | |
| 3046 | 97 | 95 | 09:50:31.000 | | DMS: | **: *RUNDOWN** | R7, TRACK 3, FWD, TIC *4956.66 +/- 2 | 3R3 | 4 | 0 | 3,899,426:69:0 | |
| 3047 | 97 | 95 | 09:50:53.666 | 117HI105A106A4FX | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,427:12:0 | |
| 3048 | 97 | 95 | 09:51:02.333 | 117HI105A106A4FY | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,427:25:0 | |
| 3049 | 97 | 95 | 09:51:37.666 | 117HI105A106A4FZ | 7STRP | -0.063837,0.0005 | Slew =12.01 | 3R3 | 4 | 0 | 3,899,427:78:0 | |
| 3050 | 97 | 95 | 09:51:46.333 | 117HI105A106A4GA | 7STRP | 0.064088,0.0,0,0 | Slew =,2.01 | 3R3 | 4 | 0 | 3,899,428:00:0 | |
| 3051 | 97 | 95 | 09:52:21.666 | 117HI11A | **CSMOS** | GE | ***** GROUP END CSMOS | 3R3 | 4 | 0 | 3,899,428:53:0 | |
| **3052** | **97** | **95** | **09:53:51.667** | **G7JNAWGWIN03** | | **-----START------** | | **3R3** | **4** | **0** | **: :** | |
| 3053 | 97 | 95 | 09:58:49.666 | 165HX4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 3R3 | 4 | 0 | 3,899,434:89:0 | |
| 3054 | 97 | 95 | 09:58:50.333 | 165HX4B | 7SCAN | NORM,64.742999,2 | Check S/P Position | 3R3 | 4 | 0 | 3,899,434:90:0 | |
| 3055 | 97 | 95 | 10:02:44.333 | 117HX | **CSMOS** | GS | ***** GROUP START CSMOS | 3R3 | 4 | 0 | 3,899,438:77:0 | |
| 3056 | 97 | 95 | 10:02:53.666 | 117HX105A106A4A | 7STRP | -0.012901,0.0,0, | Slew =,0.31 | 3R3 | 4 | 0 | 3,899,439:00:0 | |
| 3057 | 97 | 95 | 10:02:55.000 | | DMS: | : *RUNUP | R7, TRACK *3, FWD, TIC 4956.72 +/- 2 | 3R3 | 4 | 0 | 3,899,439:02:0 | |
| 3058 | 97 | 95 | 10:02:56.400 | | DMS: | : *AT_SPD | R7, TRACK 3, FWD, TIC *4956.84 +/- 2 | 3R3 | 4 | 0 | 3,899,439:04:1 | |
| 3059 | 97 | 95 | 10:03:13.000 | | DMS: | **: *RECORD** | R7, TRACK 3, FWD, TIC *4960.73 +/- 2 | 3R3 | 4 | 0 | 3,899,439:29:0 | |
| 3060 | 97 | 95 | 10:03:33.000 | | DMS: | **: *RUNDOWN** | R7, TRACK 3, FWD, TIC *4965.41 +/- 2 | 3R3 | 4 | 0 | 3,899,439:59:0 | |
| 3061 | 97 | 95 | 10:03:38.333 | 117HX105A106A4B | 7STRP | 0.013231,0.0005, | Slew =12.01 | 3R3 | 4 | 0 | 3,899,439:67:0 | |
| 3062 | 97 | 95 | 10:03:45.000 | 117HX105A106A4C | 7STRP | -0.012901,0.0,0, | Slew =,0.31 | 3R3 | 4 | 0 | 3,899,439:77:0 | |
| 3063 | 97 | 95 | 10:04:29.666 | 117HX105A106A4D | 7STRP | 0.013231,0.0005, | Slew =12.01 | 3R3 | 4 | 0 | 3,899,440:53:0 | |
| 3064 | 97 | 95 | 10:04:36.333 | 117HX105A106A4E | 7STRP | -0.012901,0.0,0, | Slew =,0.31 | 3R3 | 4 | 0 | 3,899,440:63:0 | |
| 3065 | 97 | 95 | 10:05:21.000 | 117HX105A106A4F | 7STRP | 0.013231,0.0005, | Slew =12.01 | 3R3 | 4 | 0 | 3,899,441:39:0 | |
| 3066 | 97 | 95 | 10:05:27.666 | 117HX105A106A4G | 7STRP | -0.012901,0.0,0, | Slew =,0.31 | 3R3 | 4 | 0 | 3,899,441:49:0 | |
| 3067 | 97 | 95 | 10:06:12.333 | 117HX105A106A4H | 7STRP | 0.013231,0.0005, | Slew =12.01 | 3R3 | 4 | 0 | 3,899,442:25:0 | |
| 3068 | 97 | 95 | 10:06:19.000 | 117HX105A106A4I | 7STRP | -0.012901,0.0,0, | Slew =,0.31 | 3R3 | 4 | 0 | 3,899,442:35:0 | |
| 3069 | 97 | 95 | 10:07:03.666 | 117HX105A106A4J | 7STRP | 0.013231,0.0005, | Slew =12.01 | 3R3 | 4 | 0 | 3,899,443:11:0 | |
| 3070 | 97 | 95 | 10:07:10.333 | 117HX105A106A4K | 7STRP | -0.012901,0.0,0, | Slew =,0.31 | 3R3 | 4 | 0 | 3,899,443:21:0 | |
| 3071 | 97 | 95 | 10:07:55.000 | 117HX105A106A4L | 7STRP | 0.013231,0.0005, | Slew =12.01 | 3R3 | 4 | 0 | 3,899,443:88:0 | |
| 3072 | 97 | 95 | 10:08:01.666 | 117HX105A106A4M | 7STRP | -0.012901,0.0,0, | Slew =,0.31 | 3R3 | 4 | 0 | 3,899,444:07:0 | |
| 3073 | 97 | 95 | 10:08:46.333 | 117HX105A106A4N | 7STRP | 0.013231,0.0005, | Slew =12.01 | 3R3 | 4 | 0 | 3,899,444:74:0 | |
| 3074 | 97 | 95 | 10:08:53.000 | 117HX105A106A4O | 7STRP | -0.012901,0.0,0, | Slew =,0.31 | 3R3 | 4 | 0 | 3,899,444:84:0 | |
| 3075 | 97 | 95 | 10:09:37.666 | 117HX105A106A4P | 7STRP | 0.013231,0.0005, | Slew =12.01 | 3R3 | 4 | 0 | 3,899,445:60:0 | |
| 3076 | 97 | 95 | 10:09:44.333 | 117HX105A106A4Q | 7STRP | -0.012901,0.0,0, | Slew =,0.31 | 3R3 | 4 | 0 | 3,899,445:70:0 | |
| 3077 | 97 | 95 | 10:10:29.000 | 117HX105A106A4R | 7STRP | 0.013231,0.0005, | Slew =12.01 | 3R3 | 4 | 0 | 3,899,446:46:0 | |
| 3078 | 97 | 95 | 10:10:35.666 | 117HX105A106A4S | 7STRP | -0.012901,0.0,0, | Slew =,0.31 | 3R3 | 4 | 0 | 3,899,446:56:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3079 | 97 | 95 | 10:11:20.333 | 117HX11A | **CSMOS** | GE | ***** GROUP END CSMOS | 3R3 | 4 | 0 | 3,899,447:32:0 | |
| 3080 | 97 | 95 | 10:11:20.333 | 176HI6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 3R3 | 4 | 0 | 3,899,447:32:0 | |
| 3081 | 97 | 95 | 10:11:29.000 | | DMS: | : *RUNUP | R7, TRACK *3, FWD, TIC 4965.47 +/- 2 | 3R3 | 4 | 0 | 3,899,447:45:0 | |
| 3082 | 97 | 95 | 10:11:30.400 | | DMS: | : *AT_SPD | R7, TRACK 3, FWD, TIC *4965.59 +/- 2 | 3R3 | 4 | 0 | 3,899,447:47:1 | |
| 3083 | 97 | 95 | 10:11:32.333 | | DMS: | **: *RECORD** | R7, TRACK 3, FWD, TIC *4966.05 +/- 2 | 3R3 | 4 | 0 | 3,899,447:50:0 | |
| 3084 | 97 | 95 | 10:11:47.000 | | DMS: | **: *RUNDOWN** | R7, TRACK 3, FWD, TIC *4969.48 +/- 2 | 3R3 | 4 | 0 | 3,899,447:72:0 | |
| 3085 | 97 | 95 | 10:53:22.333 | 488BA6A | 6TMSED | FILL,CL3 | Sci, Eng, and D/L Chan | 3R3 | 4 | 0 | 3,899,488:84:0 | |
| 3086 | 97 | 95 | 11:01:31.000 | 165GF4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 3R3 | 4 | 0 | 3,899,496:89:0 | |
| 3087 | 97 | 95 | 11:01:31.666 | 165GF4B | 7SCAN | NORM,69.601999,2 | Check S/P Position | 3R3 | 4 | 0 | 3,899,496:90:0 | |
| 3088 | 97 | 95 | 11:03:07.666 | 488BA6B | 6TMSED | FILL,CL2 | Sci, Eng, and D/L Chan | 3R3 | 4 | 0 | 3,899,498:52:0 | |
| 3089 | 97 | 95 | 11:05:25.666 | 117GF | **CSMOS** | GS | ***** GROUP START CSMOS | 3R3 | 4 | 0 | 3,899,500:77:0 | |
| 3090 | 97 | 95 | 11:05:35.000 | 117GF105A106A4A | 7STRP | 0.004,0.0,0,0,0, | Slew =,0.32 | 3R3 | 4 | 0 | 3,899,501:00:0 | |
| 3091 | 97 | 95 | 11:05:35.000 | 176GF6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 3R3 | 4 | 0 | 3,899,501:00:0 | |
| 3092 | 97 | 95 | 11:05:52.333 | 117GF11A | **CSMOS** | GE | ***** GROUP END CSMOS | 3R3 | 4 | 0 | 3,899,501:26:0 | |
| 3093 | 97 | 95 | 11:06:08.333 | 176GF6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 3R3 | 4 | 0 | 3,899,501:50:0 | |
| 3094 | 97 | 95 | 11:06:17.000 | | DMS: | : *RUNUP | R7, TRACK *3, FWD, TIC 4969.54 +/- 2 | 3R3 | 4 | 0 | 3,899,501:63:0 | |
| 3095 | 97 | 95 | 11:06:18.400 | | DMS: | : *AT_SPD | R7, TRACK 3, FWD, TIC *4969.66 +/- 2 | 3R3 | 4 | 0 | 3,899,501:65:1 | |
| 3096 | 97 | 95 | 11:06:20.333 | | DMS: | **: *RECORD** | R7, TRACK 3, FWD, TIC *4970.12 +/- 2 | 3R3 | 4 | 0 | 3,899,501:68:0 | |
| 3097 | 97 | 95 | 11:06:27.666 | | DMS: | **: *RUNDOWN** | R7, TRACK 3, FWD, TIC *4971.84 +/- 2 | 3R3 | 4 | 0 | 3,899,501:79:0 | |
| 3098 | 97 | 95 | 11:13:39.000 | 165GV4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 3R3 | 4 | 0 | 3,899,508:89:0 | |
| 3099 | 97 | 95 | 11:13:39.666 | 165GV4B | 7SCAN | NORM,62.587,23.4 | Check S/P Position | 3R3 | 4 | 0 | 3,899,508:90:0 | |
| 3100 | 97 | 95 | 11:14:39.000 | 488BA6C | 6TMSED | NORM,CL2 | Sci, Eng, and D/L Chan | 3R3 | 4 | 0 | 3,899,509:88:0 | |
| 3101 | 97 | 95 | 11:17:33.666 | 117GV | **CSMOS** | GS | ***** GROUP START CSMOS | 3R3 | 4 | 0 | 3,899,512:77:0 | |
| 3102 | 97 | 95 | 11:17:43.000 | 117GV105A106A4A | 7STRP | 0.004,0.0,0,0,0, | Slew =,0.32 | 3R3 | 4 | 0 | 3,899,513:00:0 | |
| 3103 | 97 | 95 | 11:17:43.000 | 176GV6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 3R3 | 4 | 0 | 3,899,513:00:0 | |
| 3104 | 97 | 95 | 11:18:00.333 | 117GV11A | **CSMOS** | GE | ***** GROUP END CSMOS | 3R3 | 4 | 0 | 3,899,513:26:0 | |
| 3105 | 97 | 95 | 11:18:16.333 | 176GV6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 3R3 | 4 | 0 | 3,899,513:50:0 | |
| 3106 | 97 | 95 | 11:18:25.000 | | DMS: | : *RUNUP | R7, TRACK *3, FWD, TIC 4971.90 +/- 2 | 3R3 | 4 | 0 | 3,899,513:63:0 | |
| 3107 | 97 | 95 | 11:18:26.400 | | DMS: | : *AT_SPD | R7, TRACK 3, FWD, TIC *4972.02 +/- 2 | 3R3 | 4 | 0 | 3,899,513:65:1 | |
| 3108 | 97 | 95 | 11:18:28.333 | | DMS: | **: *RECORD** | R7, TRACK 3, FWD, TIC *4972.47 +/- 2 | 3R3 | 4 | 0 | 3,899,513:68:0 | |
| 3109 | 97 | 95 | 11:18:35.666 | | DMS: | **: *RUNDOWN** | R7, TRACK 3, FWD, TIC *4974.19 +/- 2 | 3R3 | 4 | 0 | 3,899,513:79:0 | |
| 3110 | 97 | 95 | 11:24:27.666 | 488BA6D | 6TMSED | NORM,CL3 | Sci, Eng, and D/L Chan | 3R3 | 4 | 0 | 3,899,519:61:0 | |
| 3111 | 97 | 95 | 11:54:05.666 | 165GA4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 3R3 | 4 | 0 | 3,899,548:89:0 | |
| 3112 | 97 | 95 | 11:54:06.333 | 165GA4B | 7SCAN | NORM,79.582,25.1 | Check S/P Position | 3R3 | 4 | 0 | 3,899,548:90:0 | |
| 3113 | 97 | 95 | 11:58:00.333 | 117GA | **CSMOS** | GS | ***** GROUP START CSMOS | 3R3 | 4 | 0 | 3,899,552:77:0 | |
| 3114 | 97 | 95 | 11:58:09.666 | 176GA6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 3R3 | 4 | 0 | 3,899,553:00:0 | |
| 3115 | 97 | 95 | 11:58:09.666 | 117GA105A106A4A | 7STRP | 0.004,0.0,0,0,0, | Slew =,0.32 | 3R3 | 4 | 0 | 3,899,553:00:0 | |
| 3116 | 97 | 95 | 11:58:27.000 | 117GA11A | **CSMOS** | GE | ***** GROUP END CSMOS | 3R3 | 4 | 0 | 3,899,553:26:0 | |
| 3117 | 97 | 95 | 11:58:43.000 | 176GA6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 3R3 | 4 | 0 | 3,899,553:50:0 | |
| 3118 | 97 | 95 | 11:58:51.666 | | DMS: | : *RUNUP | R7, TRACK *3, FWD, TIC 4974.25 +/- 2 | 3R3 | 4 | 0 | 3,899,553:63:0 | |
| 3119 | 97 | 95 | 11:58:53.066 | | DMS: | : *AT_SPD | R7, TRACK 3, FWD, TIC *4974.37 +/- 2 | 3R3 | 4 | 0 | 3,899,553:65:1 | |
| 3120 | 97 | 95 | 11:58:55.000 | | DMS: | **: *RECORD** | R7, TRACK 3, FWD, TIC *4974.82 +/- 2 | 3R3 | 4 | 0 | 3,899,553:68:0 | |
| 3121 | 97 | 95 | 11:59:02.333 | | DMS: | **: *RUNDOWN** | R7, TRACK 3, FWD, TIC *4976.54 +/- 2 | 3R3 | 4 | 0 | 3,899,553:79:0 | |
| 3122 | 97 | 95 | 12:00:00.333 | 488BA6E | 6TMSED | NORM,DL3 | Sci, Eng, and D/L Chan | 3R3 | 4 | 0 | 3,899,554:75:0 | |
| 3123 | 97 | 95 | 12:30:38.333 | 488BB6A | 6TMSED | FILL,DL3 | Sci, Eng, and D/L Chan | 3R3 | 4 | 0 | 3,899,585:11:0 | |
| 3124 | 97 | 95 | 13:02:35.666 | 488BB6B | 6TMSED | FILL,DL4 | Sci, Eng, and D/L Chan | 3R3 | 4 | 0 | 3,899,616:66:0 | |
| 3125 | 97 | 95 | 13:06:45.000 | 488BB6C | 6TMSED | NORM,DL4 | Sci, Eng, and D/L Chan | 3R3 | 4 | 0 | 3,899,620:76:0 | |
| **3126** | **97** | **95** | **14:09:40.332** | **G7NNNIMSLD15-** | | **-----START------** | | **3R3** | **4** | **0** | **: :** | |
| **3127** | **97** | **95** | **14:10:41.000** | **20EP6A** | **6CKSUM** | **NIMS** | **NIMS,1000,14BC** | **3R3** | **4** | **0** | **3,899,684:06:0** | |
| **3128** | **97** | **95** | **14:11:41.666** | **20EP5A** | **37PL** | | **Program Load (halts microprocessor & unwri** | **3R3** | **4** | **0** | **3,899,685:06:0** | |
| **3129** | **97** | **95** | **14:12:42.333** | **20EP5B** | **37MRL** | | **Memory Realocate (software operates from R** | **3R3** | **4** | **0** | **3,899,686:06:0** | |
| **3130** | **97** | **95** | **14:13:43.000** | **20EP6B** | **6MCOPY** | **NIMS** | **NIMS,1000,LLM1A,7300,77F7** | **3R3** | **4** | **0** | **3,899,687:06:0** | |
| **3131** | **97** | **95** | **14:14:43.666** | **20EP6C** | **6MCOPY** | **NIMS** | **NIMS,1598,LLM1A,77F8,781D** | **3R3** | **4** | **0** | **3,899,688:06:0** | |
| **3132** | **97** | **95** | **14:15:44.333** | **20EP5C** | **37IRT** | | **Instrument Reset (goes into POR state)** | **260** | **4** | **0** | **3,899,689:06:0** | |
| **3133** | **97** | **95** | **14:16:45.000** | **20EP5D** | **37MN** | | **Memory Normal (software operates from ROM)** | **260** | **4** | **0** | **3,899,690:06:0** | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **3134** | **97** | **95** | **14:17:45.666** | **20EP4A** | **37IST** | **1,2,0,OFF,0,0,0** | **Chopper ON, Sync, Chopper (Ref)** | **2R0** | **4** | **0** | **3,899,691:06:0** | |
| **3135** | **97** | **95** | **14:18:46.333** | **20EP4B** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **2R3** | **4** | **0** | **3,899,692:06:0** | |
| **3136** | **97** | **95** | **14:19:46.999** | **G7NNNIMSLD15-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** | |
| **3137** | **97** | **95** | **14:20:34.332** | **G7GNGLOBAL02-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** | |
| 3138 | 97 | 95 | 14:20:42.333 | 165FC4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,899,693:89:0 | |
| 3139 | 97 | 95 | 14:20:43.000 | 165FC4B | 7SCAN | NORM,62.878,23.6 | Check S/P Position | 2R3 | 4 | 0 | 3,899,693:90:0 | |
| **3140** | **97** | **95** | **14:22:40.333** | **125FC4A** | **37IST** | **0,2,0,OFF,0,1,2** | **Gain State 3** | **3R3** | **4** | **0** | **3,899,695:84:0** | |
| 3141 | 97 | 95 | 14:22:40.333 | 125FC11A | NIMSINIT | GE | ##### GROUP END INIT | 3R3 | 4 | 0 | 3,899,695:84:0 | |
| 3142 | 97 | 95 | 14:22:40.333 | 125FC | NIMSINIT | GS | ##### GROUP START INIT | 3R3 | 4 | 0 | 3,899,695:84:0 | |
| 3143 | 97 | 95 | 14:23:41.000 | 127FC | NIMSTAB | GS | %%%%% GROUP START TAB | 3R3 | 4 | 0 | 3,899,696:84:0 | |
| **3144** | **97** | **95** | **14:23:41.666** | **127FC4A** | **37ETB** | **04,C4,35,FF,FF** | **Loads wavelength edit table** | **3R3** | **4** | **0** | **3,899,696:85:0** | |
| 3145 | 97 | 95 | 14:23:49.666 | 127FC11A | NIMSTAB | GE | %%%%% GROUP END TAB | 3R3 | 4 | 0 | 3,899,697:06:0 | |
| 3146 | 97 | 95 | 14:24:32.333 | 175FC422A6A | 6DMSC | R28,3 | DMS Control | 3R3 | 4 | 0 | 3,899,697:70:0 | |
| 3147 | 97 | 95 | 14:24:37.000 | 117FC | **CSMOS** | GS | ***** GROUP START CSMOS | 3R3 | 4 | 0 | 3,899,697:77:0 | |
| 3148 | 97 | 95 | 14:24:39.000 | | DMS: | : *RUNUP | R28, TRACK *3, FWD, TIC 4976.60 +/- 2 | 3R3 | 4 | 0 | 3,899,697:80:0 | |
| 3149 | 97 | 95 | 14:24:43.000 | | DMS: | **: *RECORD** | R28, TRACK 3, FWD, TIC *4978.10 +/- 2 | 3R3 | 4 | 0 | 3,899,697:86:0 | |
| 3150 | 97 | 95 | 14:24:43.000 | | DMS: | : *AT_SPD | R28, TRACK 3, FWD, TIC 4978.10 +/- 2 | 3R3 | 4 | 0 | 3,899,697:86:0 | |
| 3151 | 97 | 95 | 14:24:43.000 | 175FC176A6A | 6TMREC | **MPW** | 28.8 KBPS PWS + NIMS RECORD Record Mode C | 3R3 | 4 | 0 | 3,899,697:86:0 | |
| **3152** | **97** | **95** | **14:24:46.318** | **G7GNGLOBAL02-** | **NIMPBK** | **301FC** | **GANYMEDE GLOBAL SURFACE MAP** | **3R3** | **4** | **0** | **: :** | |
| 3153 | 97 | 95 | 14:24:46.333 | 117FC105A106A4A | **7STRP** | **0.00628,0.0,0,0,** | **Slew =,0.03** | 3R3 | 4 | 0 | 3,899,698:00:0 | |
| 3154 | 97 | 95 | 14:28:17.000 | 117FC105A106A4B | **7STRP** | **-0.0063,0.009,0,** | **Slew =,2.01** | 3R3 | 4 | 0 | 3,899,701:43:0 | |
| 3155 | 97 | 95 | 14:28:25.000 | 117FC105A106A4C | **7STRP** | **0.00628,0.0,0,0,** | **Slew =,0.03** | 3R3 | 4 | 0 | 3,899,701:55:0 | |
| **3156** | **97** | **95** | **14:31:55.651** | **G7GNGLOBAL02-** | **DESELC** | **300FC** | **GANYMEDE GLOBAL SURFACE MAP** | **3R3** | **4** | **0** | **: :** | |
| 3157 | 97 | 95 | 14:31:55.666 | 117FC11A | **CSMOS** | GE | ***** GROUP END CSMOS | 3R3 | 4 | 0 | 3,899,705:07:0 | |
| 3158 | 97 | 95 | 14:31:57.000 | 175FC422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 3R3 | 4 | 0 | 3,899,705:09:0 | |
| 3159 | 97 | 95 | 14:31:57.000 | | DMS: | **: *RUNDOWN** | R28, TRACK 3, FWD, TIC *5359.55 +/- 2 | 3R3 | 4 | 0 | 3,899,705:09:0 | |
| **3160** | **97** | **95** | **14:32:55.666** | **G7GNGLOBAL02-** | | **-----STOP-------** | | **3R3** | **4** | **0** | **: :** | |
| 3161 | 97 | 95 | 15:48:59.666 | 488BB6D | 6TMSED | NORM,DL5 | Sci, Eng, and D/L Chan | 3R3 | 4 | 0 | 3,899,781:27:0 | |
| 3162 | 97 | 95 | 15:59:39.666 | 488BB6E | 6TMSED | NORM,DL6 | Sci, Eng, and D/L Chan | 3R3 | 4 | 0 | 3,899,791:77:0 | |
| **3163** | **97** | **95** | **16:35:16.266** | **G7JNFEA13001-** | | **-----START------** | | **3R3** | **4** | **0** | **: :** | |
| 3164 | 97 | 95 | 16:36:11.666 | 165EZ4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 3R3 | 4 | 0 | 3,899,827:89:0 | |
| 3165 | 97 | 95 | 16:36:12.333 | 165EZ4B | 7SCAN | NORM,79.653,25.9 | Check S/P Position | 3R3 | 4 | 0 | 3,899,827:90:0 | |
| 3166 | 97 | 95 | 16:38:09.666 | 125EZ11A | NIMSINIT | GE | ##### GROUP END INIT | 3R3 | 4 | 0 | 3,899,829:84:0 | |
| 3167 | 97 | 95 | 16:38:09.666 | 125EZ | NIMSINIT | GS | ##### GROUP START INIT | 3R3 | 4 | 0 | 3,899,829:84:0 | |
| **3168** | **97** | **95** | **16:38:09.666** | **125EZ4A** | **37IST** | **0,2,0,OFF,0,1,0** | **Gain State 2** | **2R3** | **4** | **0** | **3,899,829:84:0** | |
| **3169** | **97** | **95** | **16:39:10.333** | **127EZ4A** | **37IOP** | **5,1** | **Short Map, Grating Start Position =01** | **2R5** | **4** | **1** | **3,899,830:84:0** | |
| 3170 | 97 | 95 | 16:39:10.333 | 127EZ | NIMSTAB | GS | %%%%% GROUP START TAB | 2R5 | 4 | 1 | 3,899,830:84:0 | |
| **3171** | **97** | **95** | **16:39:11.000** | **127EZ4B** | **37ETB** | **,00,05,FF,F8,05,** | **Loads wavelength edit table** | **2R5** | **4** | **1** | **3,899,830:85:0** | |
| 3172 | 97 | 95 | 16:39:19.000 | 127EZ11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R5 | 4 | 1 | 3,899,831:06:0 | |
| 3173 | 97 | 95 | 16:40:04.333 | 175EZ422A6A | 6DMSC | R7,3 | DMS Control | 2R5 | 4 | 1 | 3,899,831:74:0 | |
| 3174 | 97 | 95 | 16:40:06.333 | 117EZ | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,899,831:77:0 | |
| 3175 | 97 | 95 | 16:40:11.000 | | DMS: | : *RUNUP | R7, TRACK *3, FWD, TIC 5359.85 +/- 2 | 2R5 | 4 | 1 | 3,899,831:84:0 | |
| 3176 | 97 | 95 | 16:40:12.333 | 175EZ176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R5 | 4 | 1 | 3,899,831:86:0 | |
| 3177 | 97 | 95 | 16:40:12.400 | | DMS: | : *AT_SPD | R7, TRACK 3, FWD, TIC 5359.97 +/- 2 | 2R5 | 4 | 1 | 3,899,831:86:1 | |
| 3178 | 97 | 95 | 16:40:12.400 | | DMS: | **: *RECORD** | R7, TRACK 3, FWD, TIC *5359.97 +/- 2 | 2R5 | 4 | 1 | 3,899,831:86:1 | |
| **3179** | **97** | **95** | **16:40:15.646** | **G7JNFEA13001-** | **NIMPBK** | **301FD** | **JUPITER FEATURE TRACK 130 DEG PH** | **2R5** | **4** | **1** | **: :** | |
| 3180 | 97 | 95 | 16:40:15.666 | 117EZ105A106A4A | **7STRP** | **0.0108,0.0,0,0,0** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,899,832:00:0 | |
| **3181** | **97** | **95** | **16:41:54.980** | **G7JNFEA13001-** | **DESELC** | **300FD** | **JUPITER FEATURE TRACK 130 DEG PH** | **2R5** | **4** | **1** | **: :** | |
| 3182 | 97 | 95 | 16:41:55.666 | 117EZ11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,899,833:59:0 | |
| 3183 | 97 | 95 | 16:41:57.000 | 175EZ422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,899,833:61:0 | |
| 3184 | 97 | 95 | 16:41:57.000 | 175EZ6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,899,833:61:0 | |
| 3185 | 97 | 95 | 16:41:57.000 | | DMS: | **: *RUNDOWN** | R7, TRACK 3, FWD, TIC *5384.48 +/- 2 | 2R5 | 4 | 1 | 3,899,833:61:0 | |
| **3186** | **97** | **95** | **16:42:20.933** | **G7JNFEA13001-** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** | |
| 3187 | 97 | 95 | 16:43:16.333 | 165HJ4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,899,834:89:0 | |
| 3188 | 97 | 95 | 16:43:17.000 | 165HJ4B | 7SCAN | NORM,78.57,25.38 | Check S/P Position | 2R5 | 4 | 1 | 3,899,834:90:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3189 | 97 | 95 | 16:44:09.000 | 117HJ | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,899,835:77:0 | |
| 3190 | 97 | 95 | 16:44:18.333 | 117HJ105A106A4A | 7STRP | -0.019202,0.0,0, | Slew =,0.32 | 2R5 | 4 | 1 | 3,899,836:00:0 | |
| 3191 | 97 | 95 | 16:44:18.333 | 176HJ6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 2R5 | 4 | 1 | 3,899,836:00:0 | |
| 3192 | 97 | 95 | 16:45:22.333 | 117HJ105A106A4B | 7STRP | 0.019352,-0.0015 | Slew =12.01 | 2R5 | 4 | 1 | 3,899,837:05:0 | |
| 3193 | 97 | 95 | 16:45:27.666 | 117HJ105A106A4C | 7STRP | -0.019202,0.0,0, | Slew =,0.32 | 2R5 | 4 | 1 | 3,899,837:13:0 | |
| 3194 | 97 | 95 | 16:46:31.666 | 117HJ105A106A4D | 7STRP | 0.019352,-0.0015 | Slew =12.01 | 2R5 | 4 | 1 | 3,899,838:18:0 | |
| 3195 | 97 | 95 | 16:46:37.000 | 117HJ105A106A4E | 7STRP | -0.019202,0.0,0, | Slew =,0.32 | 2R5 | 4 | 1 | 3,899,838:26:0 | |
| 3196 | 97 | 95 | 16:47:41.000 | 117HJ105A106A4F | 7STRP | 0.019352,-0.0015 | Slew =12.01 | 2R5 | 4 | 1 | 3,899,839:31:0 | |
| 3197 | 97 | 95 | 16:47:46.333 | 117HJ105A106A4G | 7STRP | -0.019202,0.0,0, | Slew =,0.32 | 2R5 | 4 | 1 | 3,899,839:39:0 | |
| 3198 | 97 | 95 | 16:48:50.333 | 117HJ105A106A4H | 7STRP | 0.019352,-0.0015 | Slew =12.01 | 2R5 | 4 | 1 | 3,899,840:44:0 | |
| 3199 | 97 | 95 | 16:48:55.666 | 117HJ105A106A4I | 7STRP | -0.019202,0.0,0, | Slew =,0.32 | 2R5 | 4 | 1 | 3,899,840:52:0 | |
| 3200 | 97 | 95 | 16:49:59.666 | 117HJ105A106A4J | 7STRP | 0.019352,-0.0015 | Slew =12.01 | 2R5 | 4 | 1 | 3,899,841:57:0 | |
| 3201 | 97 | 95 | 16:50:05.000 | 117HJ105A106A4K | 7STRP | -0.019202,0.0,0, | Slew =,0.32 | 2R5 | 4 | 1 | 3,899,841:65:0 | |
| 3202 | 97 | 95 | 16:51:09.000 | 117HJ105A106A4L | 7STRP | 0.019352,-0.0015 | Slew =12.01 | 2R5 | 4 | 1 | 3,899,842:70:0 | |
| 3203 | 97 | 95 | 16:51:14.333 | 117HJ105A106A4M | 7STRP | -0.019202,0.0,0, | Slew =,0.32 | 2R5 | 4 | 1 | 3,899,842:78:0 | |
| 3204 | 97 | 95 | 16:52:18.333 | 117HJ105A106A4N | 7STRP | 0.019352,-0.0015 | Slew =12.01 | 2R5 | 4 | 1 | 3,899,843:83:0 | |
| 3205 | 97 | 95 | 16:52:23.666 | 117HJ105A106A4O | 7STRP | -0.019202,0.0,0, | Slew =,0.32 | 2R5 | 4 | 1 | 3,899,844:00:0 | |
| 3206 | 97 | 95 | 16:53:27.666 | 117HJ105A106A4P | 7STRP | 0.019352,-0.0015 | Slew =12.01 | 2R5 | 4 | 1 | 3,899,845:05:0 | |
| 3207 | 97 | 95 | 16:53:33.000 | 117HJ105A106A4Q | 7STRP | -0.019202,0.0,0, | Slew =,0.32 | 2R5 | 4 | 1 | 3,899,845:13:0 | |
| 3208 | 97 | 95 | 16:54:37.000 | 117HJ105A106A4R | 7STRP | 0.019352,-0.0015 | Slew =12.01 | 2R5 | 4 | 1 | 3,899,846:18:0 | |
| 3209 | 97 | 95 | 16:54:42.333 | 117HJ105A106A4S | 7STRP | -0.019202,0.0,0, | Slew =,0.32 | 2R5 | 4 | 1 | 3,899,846:26:0 | |
| 3210 | 97 | 95 | 16:55:46.333 | 117HJ105A106A4T | 7STRP | 0.019352,-0.0015 | Slew =12.01 | 2R5 | 4 | 1 | 3,899,847:31:0 | |
| 3211 | 97 | 95 | 16:55:51.666 | 117HJ105A106A4U | 7STRP | -0.019202,0.0,0, | Slew =,0.32 | 2R5 | 4 | 1 | 3,899,847:39:0 | |
| 3212 | 97 | 95 | 16:56:05.000 | | DMS: | : *RUNUP | R7, TRACK *3, FWD, TIC 5384.54 +/- 2 | 2R5 | 4 | 1 | 3,899,847:59:0 | |
| 3213 | 97 | 95 | 16:56:06.400 | | DMS: | : *AT_SPD | R7, TRACK 3, FWD, TIC *5384.66 +/- 2 | 2R5 | 4 | 1 | 3,899,847:61:1 | |
| 3214 | 97 | 95 | 16:56:21.000 | | DMS: | **: *RECORD** | R7, TRACK 3, FWD, TIC *5388.08 +/- 2 | 2R5 | 4 | 1 | 3,899,847:83:0 | |
| 3215 | 97 | 95 | 16:56:41.000 | | DMS: | **: *RUNDOWN** | R7, TRACK 3, FWD, TIC *5392.77 +/- 2 | 2R5 | 4 | 1 | 3,899,848:22:0 | |
| 3216 | 97 | 95 | 16:56:55.666 | 117HJ105A106A4V | 7STRP | 0.019352,-0.0015 | Slew =12.01 | 2R5 | 4 | 1 | 3,899,848:44:0 | |
| 3217 | 97 | 95 | 16:57:01.000 | 117HJ105A106A4W | 7STRP | -0.019202,0.0,0, | Slew =,0.32 | 2R5 | 4 | 1 | 3,899,848:52:0 | |
| 3218 | 97 | 95 | 16:58:05.000 | 117HJ105A106A4X | 7STRP | 0.019352,-0.0015 | Slew =12.01 | 2R5 | 4 | 1 | 3,899,849:57:0 | |
| 3219 | 97 | 95 | 16:58:10.333 | 117HJ105A106A4Y | 7STRP | -0.019202,0.0,0, | Slew =,0.32 | 2R5 | 4 | 1 | 3,899,849:65:0 | |
| 3220 | 97 | 95 | 16:59:14.333 | 117HJ105A106A4Z | 7STRP | 0.019352,-0.0015 | Slew =12.01 | 2R5 | 4 | 1 | 3,899,850:70:0 | |
| 3221 | 97 | 95 | 16:59:19.666 | 117HJ105A106A4AA | 7STRP | -0.019202,0.0,0, | Slew =,0.32 | 2R5 | 4 | 1 | 3,899,850:78:0 | |
| 3222 | 97 | 95 | 17:00:00.333 | 488BC6A | 6TMSED | NORM,GL6 | Sci, Eng, and D/L Chan | 2R5 | 4 | 1 | 3,899,851:48:0 | |
| 3223 | 97 | 95 | 17:00:01.000 | 282NQ432A431A6A | 6RCDSL | DDSNCG,PLSDSL,EP | Record Deselect (DDS o | 2R5 | 4 | 1 | 3,899,851:49:0 | |
| 3224 | 97 | 95 | 17:00:01.666 | 282NQ432A6A | 6RTSL1 | | R/T Select of DDS and | 2R5 | 4 | 1 | 3,899,851:50:0 | |
| 3225 | 97 | 95 | 17:00:23.666 | 117HJ105A106A4AB | 7STRP | 0.019352,-0.0015 | Slew =12.01 | 2R5 | 4 | 1 | 3,899,851:83:0 | |
| 3226 | 97 | 95 | 17:00:29.000 | 117HJ105A106A4AC | 7STRP | -0.019202,0.0,0, | Slew =,0.32 | 2R5 | 4 | 1 | 3,899,852:00:0 | |
| 3227 | 97 | 95 | 17:01:33.000 | 117HJ105A106A4AD | 7STRP | 0.019352,-0.0015 | Slew =12.01 | 2R5 | 4 | 1 | 3,899,853:05:0 | |
| **3228** | **97** | **95** | **17:01:33.600** | **G7JNFEA13002-** | | **-----START------** | | **2R5** | **4** | **1** | **: :** | |
| 3229 | 97 | 95 | 17:01:38.333 | 117HJ105A106A4AE | **7STRP** | **-0.019202,0.0,0,** | **Slew =,0.32** | 2R5 | 4 | 1 | 3,899,853:13:0 | |
| 3230 | 97 | 95 | 17:02:42.333 | 176HJ6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,899,854:18:0 | |
| 3231 | 97 | 95 | 17:02:42.333 | 117HJ11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,899,854:18:0 | |
| 3232 | 97 | 95 | 17:02:51.000 | | DMS: | : *RUNUP | R7, TRACK *3, FWD, TIC 5392.83 +/- 2 | 2R5 | 4 | 1 | 3,899,854:31:0 | |
| 3233 | 97 | 95 | 17:02:52.400 | | DMS: | : *AT_SPD | R7, TRACK 3, FWD, TIC *5392.95 +/- 2 | 2R5 | 4 | 1 | 3,899,854:33:1 | |
| 3234 | 97 | 95 | 17:02:54.333 | | DMS: | **: *RECORD** | R7, TRACK 3, FWD, TIC *5393.40 +/- 2 | 2R5 | 4 | 1 | 3,899,854:36:0 | |
| 3235 | 97 | 95 | 17:03:07.666 | | DMS: | **: *RUNDOWN** | R7, TRACK 3, FWD, TIC *5396.53 +/- 2 | 2R5 | 4 | 1 | 3,899,854:56:0 | |
| 3236 | 97 | 95 | 17:04:30.333 | 165FA4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,899,855:89:0 | |
| 3237 | 97 | 95 | 17:04:31.000 | 165FA4B | 7SCAN | NORM,80.177999,2 | Check S/P Position | 2R5 | 4 | 1 | 3,899,855:90:0 | |
| 3238 | 97 | 95 | 17:05:21.000 | 175FA422A6A | 6DMSC | R7,3 | DMS Control | 2R5 | 4 | 1 | 3,899,856:74:0 | |
| 3239 | 97 | 95 | 17:05:23.000 | 117FA | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,899,856:77:0 | |
| 3240 | 97 | 95 | 17:05:27.666 | | DMS: | : *RUNUP | R7, TRACK *3, FWD, TIC 5396.59 +/- 2 | 2R5 | 4 | 1 | 3,899,856:84:0 | |
| 3241 | 97 | 95 | 17:05:29.000 | 175FA176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R5 | 4 | 1 | 3,899,856:86:0 | |
| 3242 | 97 | 95 | 17:05:29.066 | | DMS: | : *AT_SPD | R7, TRACK 3, FWD, TIC 5396.71 +/- 2 | 2R5 | 4 | 1 | 3,899,856:86:1 | |
| 3243 | 97 | 95 | 17:05:29.066 | | DMS: | **: *RECORD** | R7, TRACK 3, FWD, TIC *5396.71 +/- 2 | 2R5 | 4 | 1 | 3,899,856:86:1 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **3244** | **97** | **95** | **17:05:32.312** | **G7JNFEA13002-** | **NIMPBK** | **301FE** | **JUPITER FEATURE TRACK 130 DEG PH** | **2R5** | **4** | **1** | **: :** | |
| 3245 | 97 | 95 | 17:05:32.333 | 117FA105A106A4A | **7STRP** | **0.0108,0.0,0,0,0** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,899,857:00:0 | |
| 3246 | 97 | 95 | 17:07:12.333 | 117FA11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,899,858:59:0 | |
| 3247 | 97 | 95 | 17:07:13.666 | 175FA422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,899,858:61:0 | |
| 3248 | 97 | 95 | 17:07:13.666 | 175FA6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,899,858:61:0 | |
| 3249 | 97 | 95 | 17:07:13.666 | | DMS: | **: *RUNDOWN** | R7, TRACK 3, FWD, TIC *5421.22 +/- 2 | 2R5 | 4 | 1 | 3,899,858:61:0 | |
| **3250** | **97** | **95** | **17:07:37.600** | **G7JNFEA13002-** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** | |
| **3251** | **97** | **95** | **17:10:30.266** | **33A4A** | **37MPT** | **1,193,193** | **Modify Parameter Table (affects scanning m** | **2R5** | **4** | **1** | **3,899,861:83:0** | |
| 3252 | 97 | 95 | 17:11:51.600 | 488BC6B | 6TMSED | FILL,GL6 | Sci, Eng, and D/L Chan | 2R5 | 4 | 1 | 3,899,863:23:0 | |
| 3253 | 97 | 95 | 17:20:40.933 | 165GP4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,899,871:89:0 | |
| 3254 | 97 | 95 | 17:20:41.600 | 165GP4B | 7SCAN | NORM,90.502999,2 | Check S/P Position | 2R5 | 4 | 1 | 3,899,871:90:0 | |
| 3255 | 97 | 95 | 17:24:35.600 | 117GP | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,899,875:77:0 | |
| 3256 | 97 | 95 | 17:24:44.933 | 117GP105A106A4A | 7STRP | 0.004,0.0,0,0,0, | Slew =,0.32 | 2R5 | 4 | 1 | 3,899,876:00:0 | |
| 3257 | 97 | 95 | 17:24:44.933 | 176GP6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 2R5 | 4 | 1 | 3,899,876:00:0 | |
| 3258 | 97 | 95 | 17:25:02.266 | 117GP11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,899,876:26:0 | |
| 3259 | 97 | 95 | 17:25:18.266 | 176GP6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,899,876:50:0 | |
| 3260 | 97 | 95 | 17:25:26.933 | | DMS: | : *RUNUP | R7, TRACK *3, FWD, TIC 5421.28 +/- 2 | 2R5 | 4 | 1 | 3,899,876:63:0 | |
| 3261 | 97 | 95 | 17:25:28.333 | | DMS: | : *AT_SPD | R7, TRACK 3, FWD, TIC *5421.40 +/- 2 | 2R5 | 4 | 1 | 3,899,876:65:1 | |
| 3262 | 97 | 95 | 17:25:30.266 | | DMS: | **: *RECORD** | R7, TRACK 3, FWD, TIC *5421.86 +/- 2 | 2R5 | 4 | 1 | 3,899,876:68:0 | |
| 3263 | 97 | 95 | 17:25:37.600 | | DMS: | **: *RUNDOWN** | R7, TRACK 3, FWD, TIC *5423.58 +/- 2 | 2R5 | 4 | 1 | 3,899,876:79:0 | |
| **3264** | **97** | **95** | **17:25:49.600** | **G7JNPFB13001-** | | **-----START------** | | **2R5** | **4** | **1** | **: :** | |
| 3265 | 97 | 95 | 17:26:44.933 | 165FB4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,899,877:89:0 | |
| 3266 | 97 | 95 | 17:26:45.600 | 165FB4B | 7SCAN | NORM,79.844,27.2 | Check S/P Position | 2R5 | 4 | 1 | 3,899,877:90:0 | |
| 3267 | 97 | 95 | 17:30:37.600 | 175FB422A6A | 6DMSC | R7,3 | DMS Control | 2R5 | 4 | 1 | 3,899,881:74:0 | |
| 3268 | 97 | 95 | 17:30:39.600 | 117FB | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,899,881:77:0 | |
| 3269 | 97 | 95 | 17:30:44.266 | | DMS: | : *RUNUP | R7, TRACK *3, FWD, TIC 5423.64 +/- 2 | 2R5 | 4 | 1 | 3,899,881:84:0 | |
| 3270 | 97 | 95 | 17:30:45.600 | 175FB176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R5 | 4 | 1 | 3,899,881:86:0 | |
| 3271 | 97 | 95 | 17:30:45.666 | | DMS: | **: *RECORD** | R7, TRACK 3, FWD, TIC *5423.76 +/- 2 | 2R5 | 4 | 1 | 3,899,881:86:1 | |
| 3272 | 97 | 95 | 17:30:45.666 | | DMS: | : *AT_SPD | R7, TRACK 3, FWD, TIC 5423.76 +/- 2 | 2R5 | 4 | 1 | 3,899,881:86:1 | |
| 3273 | 97 | 95 | 17:30:48.933 | 117FB105A106A4A | **7STRP** | **0.0108,0.0,0,0,0** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,899,882:00:0 | |
| 3274 | 97 | 95 | 17:31:23.600 | 488BC6C | 6TMSED | FILL,GL7 | Sci, Eng, and D/L Chan | 2R5 | 4 | 1 | 3,899,882:52:0 | |
| **3275** | **97** | **95** | **17:32:28.311** | **G7JNPFB13001-** | **DESELC** | **300FE** | **JUPITER FEATURE TRACK 130 DEG PH** | **2R5** | **4** | **1** | **: :** | |
| 3276 | 97 | 95 | 17:32:28.933 | 117FB11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,899,883:59:0 | |
| 3277 | 97 | 95 | 17:32:30.266 | | DMS: | **: *RUNDOWN** | R7, TRACK 3, FWD, TIC *5448.27 +/- 2 | 2R5 | 4 | 1 | 3,899,883:61:0 | |
| 3278 | 97 | 95 | 17:32:30.266 | 175FB6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,899,883:61:0 | |
| 3279 | 97 | 95 | 17:32:30.266 | 175FB422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,899,883:61:0 | |
| **3280** | **97** | **95** | **17:32:54.266** | **G7JNPFB13001-** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** | |
| 3281 | 97 | 95 | 17:33:02.266 | 488BC6D | 6TMSED | NORM,GL7 | Sci, Eng, and D/L Chan | 2R5 | 4 | 1 | 3,899,884:18:0 | |
| **3282** | **97** | **95** | **17:35:46.933** | **33B4A** | **37MPT** | **1,129,129** | **Modify Parameter Table (affects scanning m** | **2R5** | **4** | **1** | **3,899,886:83:0** | |
| 3283 | 97 | 95 | 18:48:38.933 | 165FD4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,899,958:89:0 | |
| 3284 | 97 | 95 | 18:48:39.600 | 165FD4B | 7SCAN | NORM,79.674,28.4 | Check S/P Position | 2R5 | 4 | 1 | 3,899,958:90:0 | |
| **3285** | **97** | **95** | **18:48:44.266** | **G7JNTHRMNS01-** | | **-----START------** | | **2R5** | **4** | **1** | **: :** | |
| 3286 | 97 | 95 | 18:50:36.933 | 125FD11A | NIMSINIT | GE | ##### GROUP END INIT | 2R5 | 4 | 1 | 3,899,960:84:0 | |
| 3287 | 97 | 95 | 18:50:36.933 | 125FD | NIMSINIT | GS | ##### GROUP START INIT | 2R5 | 4 | 1 | 3,899,960:84:0 | |
| **3288** | **97** | **95** | **18:50:36.933** | **125FD4A** | **37IST** | **0,2,0,OFF,0,1,1** | **Gain State 4** | **4R5** | **4** | **1** | **3,899,960:84:0** | |
| 3289 | 97 | 95 | 18:51:37.600 | 127FD | NIMSTAB | GS | %%%%% GROUP START TAB | 4R5 | 4 | 1 | 3,899,961:84:0 | |
| **3290** | **97** | **95** | **18:51:37.600** | **127FD4A** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **4R3** | **4** | **0** | **3,899,961:84:0** | |
| **3291** | **97** | **95** | **18:51:38.266** | **127FD4B** | **37ETB** | **,CD,02,03,FF,1A,** | **Loads wavelength edit table** | **4R3** | **4** | **0** | **3,899,961:85:0** | |
| 3292 | 97 | 95 | 18:51:46.266 | 127FD11A | NIMSTAB | GE | %%%%% GROUP END TAB | 4R3 | 4 | 0 | 3,899,962:06:0 | |
| 3293 | 97 | 95 | 18:52:31.600 | 175FD422A6A | 6DMSC | R7,3 | DMS Control | 4R3 | 4 | 0 | 3,899,962:74:0 | |
| 3294 | 97 | 95 | 18:52:33.600 | 117FD | **CSMOS** | GS | ***** GROUP START CSMOS | 4R3 | 4 | 0 | 3,899,962:77:0 | |
| 3295 | 97 | 95 | 18:52:38.266 | | DMS: | : *RUNUP | R7, TRACK *3, FWD, TIC 5448.33 +/- 2 | 4R3 | 4 | 0 | 3,899,962:84:0 | |
| 3296 | 97 | 95 | 18:52:39.600 | 175FD176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 4R3 | 4 | 0 | 3,899,962:86:0 | |
| 3297 | 97 | 95 | 18:52:39.666 | | DMS: | **: *RECORD** | R7, TRACK 3, FWD, TIC *5448.45 +/- 2 | 4R3 | 4 | 0 | 3,899,962:86:1 | |
| 3298 | 97 | 95 | 18:52:39.666 | | DMS: | : *AT_SPD | R7, TRACK 3, FWD, TIC 5448.45 +/- 2 | 4R3 | 4 | 0 | 3,899,962:86:1 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3299 | 97 | 95 | 18:52:42.933 | 117FD105A106A4A | **7STRP** | **0.00285,0.0,0,0,** | **Slew =,0.03** | 4R3 | 4 | 0 | 3,899,963:00:0 | |
| **3300** | **97** | **95** | **18:52:42.975** | **G7JNTHRMNS01-** | **NIMPBK** | **301DJ** | **JUPITER THERMAL NORTH SOUTH STRI** | **4R3** | **4** | **0** | **: :** | |
| 3301 | 97 | 95 | 18:54:19.600 | 117FD105A106A4B | **7STRP** | **-0.0031,0.008,0,** | **Slew =12.01** | 4R3 | 4 | 0 | 3,899,964:54:0 | |
| 3302 | 97 | 95 | 18:54:31.600 | 117FD105A106A4C | **7STRP** | **0.00285,0.0,0,0,** | **Slew =,0.03** | 4R3 | 4 | 0 | 3,899,964:72:0 | |
| 3303 | 97 | 95 | 18:56:08.266 | 117FD105A106A4D | **7STRP** | **-0.0031,0.008,0,** | **Slew =12.01** | 4R3 | 4 | 0 | 3,899,966:35:0 | |
| 3304 | 97 | 95 | 18:56:20.266 | 117FD105A106A4E | **7STRP** | **0.00285,0.0,0,0,** | **Slew =,0.03** | 4R3 | 4 | 0 | 3,899,966:53:0 | |
| 3305 | 97 | 95 | 18:57:56.933 | 117FD105A106A4F | **7STRP** | **-0.0031,0.008,0,** | **Slew =12.01** | 4R3 | 4 | 0 | 3,899,968:16:0 | |
| 3306 | 97 | 95 | 18:58:08.933 | 117FD105A106A4G | **7STRP** | **0.00285,0.0,0,0,** | **Slew =,0.03** | 4R3 | 4 | 0 | 3,899,968:34:0 | |
| **3307** | **97** | **95** | **18:58:50.308** | **G7JNTHRMNS01-** | **DESELC** | **300DJ** | **JUPITER THERMAL NORTH SOUTH STRI** | **4R3** | **4** | **0** | **: :** | |
| **3308** | **97** | **95** | **18:59:00.308** | **G7JNTHRMNS01-** | **NIMPBK** | **301FJ** | **JUPITER THERMAL NORTH SOUTH STRI** | **4R3** | **4** | **0** | **: :** | |
| 3309 | 97 | 95 | 18:59:45.600 | 117FD105A106A4H | **7STRP** | **-0.0031,0.008,0,** | **Slew =12.01** | 4R3 | 4 | 0 | 3,899,969:88:0 | |
| 3310 | 97 | 95 | 18:59:57.600 | 117FD105A106A4I | **7STRP** | **0.00285,0.0,0,0,** | **Slew =,0.03** | 4R3 | 4 | 0 | 3,899,970:15:0 | |
| 3311 | 97 | 95 | 19:01:34.266 | 117FD105A106A4J | **7STRP** | **-0.0031,0.008,0,** | **Slew =12.01** | 4R3 | 4 | 0 | 3,899,971:69:0 | |
| 3312 | 97 | 95 | 19:01:46.266 | 117FD105A106A4K | **7STRP** | **0.00285,0.0,0,0,** | **Slew =,0.03** | 4R3 | 4 | 0 | 3,899,971:87:0 | |
| 3313 | 97 | 95 | 19:03:22.933 | 117FD105A106A4L | **7STRP** | **-0.0031,0.008,0,** | **Slew =12.01** | 4R3 | 4 | 0 | 3,899,973:50:0 | |
| 3314 | 97 | 95 | 19:03:34.933 | 117FD105A106A4M | **7STRP** | **0.00285,0.0,0,0,** | **Slew =,0.03** | 4R3 | 4 | 0 | 3,899,973:68:0 | |
| **3315** | **97** | **95** | **19:03:50.975** | **G7JNTHRMNS01-** | **NIMPBK** | **301DK** | **JUPITER THERMAL NORTH SOUTH STRI** | **4R3** | **4** | **0** | **: :** | |
| **3316** | **97** | **95** | **19:04:00.308** | **G7JNTHRMNS01-** | **DESELC** | **300FJ** | **JUPITER THERMAL NORTH SOUTH STRI** | **4R3** | **4** | **0** | **: :** | |
| 3317 | 97 | 95 | 19:05:11.600 | 117FD105A106A4N | **7STRP** | **-0.0031,0.008,0,** | **Slew =12.01** | 4R3 | 4 | 0 | 3,899,975:31:0 | |
| 3318 | 97 | 95 | 19:05:23.600 | 117FD105A106A4O | **7STRP** | **0.00285,0.0,0,0,** | **Slew =,0.03** | 4R3 | 4 | 0 | 3,899,975:49:0 | |
| 3319 | 97 | 95 | 19:07:00.266 | 117FD105A106A4P | **7STRP** | **-0.0031,0.008,0,** | **Slew =12.01** | 4R3 | 4 | 0 | 3,899,977:12:0 | |
| 3320 | 97 | 95 | 19:07:12.266 | 117FD105A106A4Q | **7STRP** | **0.00285,0.0,0,0,** | **Slew =,0.03** | 4R3 | 4 | 0 | 3,899,977:30:0 | |
| 3321 | 97 | 95 | 19:08:48.933 | 117FD105A106A4R | **7STRP** | **-0.0031,0.008,0,** | **Slew =12.01** | 4R3 | 4 | 0 | 3,899,978:84:0 | |
| 3322 | 97 | 95 | 19:09:00.933 | 117FD105A106A4S | **7STRP** | **0.00285,0.0,0,0,** | **Slew =,0.03** | 4R3 | 4 | 0 | 3,899,979:11:0 | |
| 3323 | 97 | 95 | 19:10:37.600 | 117FD105A106A4T | **7STRP** | **-0.0031,0.008,0,** | **Slew =12.01** | 4R3 | 4 | 0 | 3,899,980:65:0 | |
| 3324 | 97 | 95 | 19:10:49.600 | 117FD105A106A4U | **7STRP** | **0.00285,0.0,0,0,** | **Slew =,0.03** | 4R3 | 4 | 0 | 3,899,980:83:0 | |
| 3325 | 97 | 95 | 19:12:26.266 | 117FD105A106A4V | **7STRP** | **-0.0031,0.008,0,** | **Slew =12.01** | 4R3 | 4 | 0 | 3,899,982:46:0 | |
| 3326 | 97 | 95 | 19:12:38.266 | 117FD105A106A4W | **7STRP** | **0.00285,0.0,0,0,** | **Slew =,0.03** | 4R3 | 4 | 0 | 3,899,982:64:0 | |
| 3327 | 97 | 95 | 19:14:14.933 | 117FD105A106A4X | **7STRP** | **-0.0031,0.008,0,** | **Slew =12.01** | 4R3 | 4 | 0 | 3,899,984:27:0 | |
| 3328 | 97 | 95 | 19:14:26.933 | 117FD105A106A4Y | **7STRP** | **0.00285,0.0,0,0,** | **Slew =,0.03** | 4R3 | 4 | 0 | 3,899,984:45:0 | |
| 3329 | 97 | 95 | 19:16:03.600 | 117FD105A106A4Z | **7STRP** | **-0.0031,0.008,0,** | **Slew =12.01** | 4R3 | 4 | 0 | 3,899,986:08:0 | |
| 3330 | 97 | 95 | 19:16:15.600 | 117FD105A106A4AA | **7STRP** | **0.00285,0.0,0,0,** | **Slew =,0.03** | 4R3 | 4 | 0 | 3,899,986:26:0 | |
| **3331** | **97** | **95** | **19:16:54.307** | **G7JNTHRMNS01-** | **DESELC** | **300DK** | **JUPITER THERMAL NORTH SOUTH STRI** | **4R3** | **4** | **0** | **: :** | |
| 3332 | 97 | 95 | 19:17:52.266 | 117FD11A | **CSMOS** | GE | ***** GROUP END CSMOS | 4R3 | 4 | 0 | 3,899,987:80:0 | |
| 3333 | 97 | 95 | 19:18:03.600 | 488BC6E | 6TMSED | NORM,GL6 | Sci, Eng, and D/L Chan | 4R3 | 4 | 0 | 3,899,988:06:0 | |
| 3334 | 97 | 95 | 19:18:54.266 | 175FD422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4R3 | 4 | 0 | 3,899,988:82:0 | |
| 3335 | 97 | 95 | 19:18:54.266 | 175FD6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 4R3 | 4 | 0 | 3,899,988:82:0 | |
| 3336 | 97 | 95 | 19:18:54.266 | | DMS: | **: *RUNDOWN** | R7, TRACK 3, FWD, TIC *5817.50 +/- 2 | 4R3 | 4 | 0 | 3,899,988:82:0 | |
| **3337** | **97** | **95** | **19:20:04.932** | **G7JNTHRMNS01-** | | **-----STOP-------** | | **4R3** | **4** | **0** | **: :** | |
| **3338** | **97** | **95** | **19:26:58.400** | **G7JNAWGWIN03** | | **-----STOP-------** | | **4R3** | **4** | **0** | **: :** | |
| **3339** | **97** | **95** | **19:28:48.400** | **G7JNAWGWIN04** | | **-----START------** | | **4R3** | **4** | **0** | **: :** | |
| 3340 | 97 | 95 | 22:19:58.266 | 165HK4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,900,167:89:0 | |
| 3341 | 97 | 95 | 22:19:58.933 | 165HK4B | 7SCAN | NORM,86.226,25.7 | Check S/P Position | 4R3 | 4 | 0 | 3,900,167:90:0 | |
| 3342 | 97 | 95 | 22:23:52.933 | 117HK | **CSMOS** | GS | ***** GROUP START CSMOS | 4R3 | 4 | 0 | 3,900,171:77:0 | |
| 3343 | 97 | 95 | 22:24:02.266 | 117HK105A106A4A | 7STRP | -0.012601,0.0007 | Slew =,0.35 | 4R3 | 4 | 0 | 3,900,172:00:0 | |
| 3344 | 97 | 95 | 22:24:02.266 | 176HK6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 4R3 | 4 | 0 | 3,900,172:00:0 | |
| 3345 | 97 | 95 | 22:24:41.600 | 117HK105A106A4B | 7STRP | 0.012901,-0.0019 | Slew =12.01 | 4R3 | 4 | 0 | 3,900,172:59:0 | |
| 3346 | 97 | 95 | 22:24:46.933 | 117HK105A106A4C | 7STRP | -0.012601,0.0007 | Slew =,0.35 | 4R3 | 4 | 0 | 3,900,172:67:0 | |
| 3347 | 97 | 95 | 22:25:26.266 | 117HK105A106A4D | 7STRP | 0.012901,-0.0019 | Slew =12.01 | 4R3 | 4 | 0 | 3,900,173:35:0 | |
| 3348 | 97 | 95 | 22:25:31.600 | 117HK105A106A4E | 7STRP | -0.012601,0.0007 | Slew =,0.35 | 4R3 | 4 | 0 | 3,900,173:43:0 | |
| 3349 | 97 | 95 | 22:26:10.933 | 117HK105A106A4F | 7STRP | 0.012901,-0.0019 | Slew =12.01 | 4R3 | 4 | 0 | 3,900,174:11:0 | |
| 3350 | 97 | 95 | 22:26:16.266 | 117HK105A106A4G | 7STRP | -0.012601,0.0007 | Slew =,0.35 | 4R3 | 4 | 0 | 3,900,174:19:0 | |
| 3351 | 97 | 95 | 22:26:55.600 | 117HK105A106A4H | 7STRP | 0.012901,-0.0019 | Slew =12.01 | 4R3 | 4 | 0 | 3,900,174:78:0 | |
| 3352 | 97 | 95 | 22:27:00.933 | 117HK105A106A4I | 7STRP | -0.012601,0.0007 | Slew =,0.35 | 4R3 | 4 | 0 | 3,900,174:86:0 | |
| 3353 | 97 | 95 | 22:27:40.266 | 117HK105A106A4J | 7STRP | 0.012901,-0.0019 | Slew =12.01 | 4R3 | 4 | 0 | 3,900,175:54:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3354 | 97 | 95 | 22:27:45.600 | 117HK105A106A4K | 7STRP | -0.012601,0.0007 | Slew =,0.35 | 4R3 | 4 | 0 | 3,900,175 | 62:0 |
| 3355 | 97 | 95 | 22:28:24.933 | 117HK105A106A4L | 7STRP | 0.012901,-0.0019 | Slew =12.01 | 4R3 | 4 | 0 | 3,900,176 | 30:0 |
| 3356 | 97 | 95 | 22:28:30.266 | 117HK105A106A4M | 7STRP | -0.012601,0.0007 | Slew =,0.35 | 4R3 | 4 | 0 | 3,900,176 | 38:0 |
| 3357 | 97 | 95 | 22:29:09.600 | 117HK105A106A4N | 7STRP | 0.012901,-0.0019 | Slew =12.01 | 4R3 | 4 | 0 | 3,900,177 | 06:0 |
| 3358 | 97 | 95 | 22:29:14.933 | 117HK105A106A4O | 7STRP | -0.012601,0.0007 | Slew =,0.35 | 4R3 | 4 | 0 | 3,900,177 | 14:0 |
| 3359 | 97 | 95 | 22:29:54.266 | 117HK105A106A4P | 7STRP | 0.012901,-0.0019 | Slew =12.01 | 4R3 | 4 | 0 | 3,900,177 | 73:0 |
| 3360 | 97 | 95 | 22:29:59.600 | 117HK105A106A4Q | 7STRP | -0.012601,0.0007 | Slew =,0.35 | 4R3 | 4 | 0 | 3,900,177 | 81:0 |
| 3361 | 97 | 95 | 22:30:38.933 | 117HK105A106A4R | 7STRP | 0.012901,-0.0019 | Slew =12.01 | 4R3 | 4 | 0 | 3,900,178 | 49:0 |
| 3362 | 97 | 95 | 22:30:44.266 | 117HK105A106A4S | 7STRP | -0.012601,0.0007 | Slew =,0.35 | 4R3 | 4 | 0 | 3,900,178 | 57:0 |
| 3363 | 97 | 95 | 22:31:23.600 | 117HK105A106A4T | 7STRP | 0.012901,-0.0019 | Slew =12.01 | 4R3 | 4 | 0 | 3,900,179 | 25:0 |
| 3364 | 97 | 95 | 22:31:28.933 | 117HK105A106A4U | 7STRP | -0.012601,0.0007 | Slew =,0.35 | 4R3 | 4 | 0 | 3,900,179 | 33:0 |
| 3365 | 97 | 95 | 22:32:08.266 | 117HK105A106A4V | 7STRP | 0.012901,-0.0019 | Slew =12.01 | 4R3 | 4 | 0 | 3,900,180 | 01:0 |
| 3366 | 97 | 95 | 22:32:13.600 | 117HK105A106A4W | 7STRP | -0.012601,0.0007 | Slew =,0.35 | 4R3 | 4 | 0 | 3,900,180 | 09:0 |
| 3367 | 97 | 95 | 22:32:52.933 | 117HK105A106A4X | 7STRP | 0.012901,-0.0019 | Slew =12.01 | 4R3 | 4 | 0 | 3,900,180 | 68:0 |
| 3368 | 97 | 95 | 22:32:58.266 | 117HK105A106A4Y | 7STRP | -0.012601,0.0007 | Slew =,0.35 | 4R3 | 4 | 0 | 3,900,180 | 76:0 |
| 3369 | 97 | 95 | 22:33:37.600 | 117HK105A106A4Z | 7STRP | 0.012901,-0.0019 | Slew =12.01 | 4R3 | 4 | 0 | 3,900,181 | 44:0 |
| 3370 | 97 | 95 | 22:33:42.933 | 117HK105A106A4AA | 7STRP | -0.012601,0.0007 | Slew =,0.35 | 4R3 | 4 | 0 | 3,900,181 | 52:0 |
| 3371 | 97 | 95 | 22:34:22.266 | 117HK105A106A4AB | 7STRP | 0.012901,-0.0019 | Slew =12.01 | 4R3 | 4 | 0 | 3,900,182 | 20:0 |
| 3372 | 97 | 95 | 22:34:27.600 | 117HK105A106A4AC | 7STRP | -0.012601,0.0007 | Slew =,0.35 | 4R3 | 4 | 0 | 3,900,182 | 28:0 |
| 3373 | 97 | 95 | 22:35:06.933 | 117HK105A106A4AD | 7STRP | 0.012901,-0.0019 | Slew =12.01 | 4R3 | 4 | 0 | 3,900,182 | 87:0 |
| 3374 | 97 | 95 | 22:35:12.266 | 117HK105A106A4AE | 7STRP | -0.012601,0.0007 | Slew =,0.35 | 4R3 | 4 | 0 | 3,900,183 | 04:0 |
| 3375 | 97 | 95 | 22:35:48.933 | | DMS: | : *RUNUP | R7, TRACK *3, FWD, TIC 5817.56 +/- 2 | 4R3 | 4 | 0 | 3,900,183 | 59:0 |
| 3376 | 97 | 95 | 22:35:50.333 | | DMS: | : *AT_SPD | R7, TRACK 3, FWD, TIC *5817.68 +/- 2 | 4R3 | 4 | 0 | 3,900,183 | 61:1 |
| 3377 | 97 | 95 | 22:35:51.600 | 117HK105A106A4AF | 7STRP | 0.012901,-0.0019 | Slew =12.01 | 4R3 | 4 | 0 | 3,900,183 | 63:0 |
| 3378 | 97 | 95 | 22:35:56.933 | 117HK105A106A4AG | 7STRP | -0.012601,0.0007 | Slew =,0.35 | 4R3 | 4 | 0 | 3,900,183 | 71:0 |
| 3379 | 97 | 95 | 22:36:04.933 | | DMS: | **: *RECORD** | R7, TRACK 3, FWD, TIC *5821.10 +/- 2 | 4R3 | 4 | 0 | 3,900,183 | 83:0 |
| 3380 | 97 | 95 | 22:36:24.933 | | DMS: | **: *RUNDOWN** | R7, TRACK 3, FWD, TIC *5825.79 +/- 2 | 4R3 | 4 | 0 | 3,900,184 | 22:0 |
| 3381 | 97 | 95 | 22:36:36.266 | 117HK105A106A4AH | 7STRP | 0.012901,-0.0019 | Slew =12.01 | 4R3 | 4 | 0 | 3,900,184 | 39:0 |
| 3382 | 97 | 95 | 22:36:41.600 | 117HK105A106A4AI | 7STRP | -0.012601,0.0007 | Slew =,0.35 | 4R3 | 4 | 0 | 3,900,184 | 47:0 |
| 3383 | 97 | 95 | 22:37:20.933 | 117HK105A106A4AJ | 7STRP | 0.012901,-0.0019 | Slew =12.01 | 4R3 | 4 | 0 | 3,900,185 | 15:0 |
| 3384 | 97 | 95 | 22:37:26.266 | 117HK105A106A4AK | 7STRP | -0.012601,0.0007 | Slew =,0.35 | 4R3 | 4 | 0 | 3,900,185 | 23:0 |
| 3385 | 97 | 95 | 22:38:05.600 | 117HK105A106A4AL | 7STRP | 0.012901,-0.0019 | Slew =12.01 | 4R3 | 4 | 0 | 3,900,185 | 82:0 |
| 3386 | 97 | 95 | 22:38:10.933 | 117HK105A106A4AM | 7STRP | -0.012601,0.0007 | Slew =,0.35 | 4R3 | 4 | 0 | 3,900,185 | 90:0 |
| 3387 | 97 | 95 | 22:38:50.266 | 117HK105A106A4AN | 7STRP | 0.012901,-0.0019 | Slew =12.01 | 4R3 | 4 | 0 | 3,900,186 | 58:0 |
| 3388 | 97 | 95 | 22:38:55.600 | 117HK105A106A4AO | 7STRP | -0.012601,0.0007 | Slew =,0.35 | 4R3 | 4 | 0 | 3,900,186 | 66:0 |
| 3389 | 97 | 95 | 22:39:34.933 | 117HK105A106A4AP | 7STRP | 0.012901,-0.0019 | Slew =12.01 | 4R3 | 4 | 0 | 3,900,187 | 34:0 |
| 3390 | 97 | 95 | 22:39:40.266 | 117HK105A106A4AQ | 7STRP | -0.012601,0.0007 | Slew =,0.35 | 4R3 | 4 | 0 | 3,900,187 | 42:0 |
| 3391 | 97 | 95 | 22:40:19.600 | 117HK105A106A4AR | 7STRP | 0.012901,-0.0019 | Slew =12.01 | 4R3 | 4 | 0 | 3,900,188 | 10:0 |
| 3392 | 97 | 95 | 22:40:24.933 | 117HK105A106A4AS | 7STRP | -0.012601,0.0007 | Slew =,0.35 | 4R3 | 4 | 0 | 3,900,188 | 18:0 |
| 3393 | 97 | 95 | 22:41:04.266 | 117HK105A106A4AT | 7STRP | 0.012901,-0.0019 | Slew =12.01 | 4R3 | 4 | 0 | 3,900,188 | 77:0 |
| 3394 | 97 | 95 | 22:41:09.600 | 117HK105A106A4AU | 7STRP | -0.012601,0.0007 | Slew =,0.35 | 4R3 | 4 | 0 | 3,900,188 | 85:0 |
| 3395 | 97 | 95 | 22:41:48.933 | 117HK105A106A4AV | 7STRP | 0.012901,-0.0019 | Slew =12.01 | 4R3 | 4 | 0 | 3,900,189 | 53:0 |
| 3396 | 97 | 95 | 22:41:54.266 | 117HK105A106A4AW | 7STRP | -0.012601,0.0007 | Slew =,0.35 | 4R3 | 4 | 0 | 3,900,189 | 61:0 |
| 3397 | 97 | 95 | 22:42:33.600 | 117HK105A106A4AX | 7STRP | 0.012901,-0.0019 | Slew =12.01 | 4R3 | 4 | 0 | 3,900,190 | 29:0 |
| 3398 | 97 | 95 | 22:42:38.933 | 117HK105A106A4AY | 7STRP | -0.012601,0.0007 | Slew =,0.35 | 4R3 | 4 | 0 | 3,900,190 | 37:0 |
| 3399 | 97 | 95 | 22:43:18.266 | 117HK105A106A4AZ | 7STRP | 0.012901,-0.0019 | Slew =12.01 | 4R3 | 4 | 0 | 3,900,191 | 05:0 |
| 3400 | 97 | 95 | 22:43:23.600 | 117HK105A106A4BA | 7STRP | -0.012601,0.0007 | Slew =,0.35 | 4R3 | 4 | 0 | 3,900,191 | 13:0 |
| 3401 | 97 | 95 | 22:44:02.933 | 117HK11A | **CSMOS** | GE | ***** GROUP END CSMOS | 4R3 | 4 | 0 | 3,900,191 | 72:0 |
| 3402 | 97 | 95 | 22:44:15.600 | 176HK6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 4R3 | 4 | 0 | 3,900,192 | 00:0 |
| 3403 | 97 | 95 | 22:44:24.266 | | DMS: | : *RUNUP | R7, TRACK *3, FWD, TIC 5825.85 +/- 2 | 4R3 | 4 | 0 | 3,900,192 | 13:0 |
| 3404 | 97 | 95 | 22:44:25.666 | | DMS: | : *AT_SPD | R7, TRACK 3, FWD, TIC *5825.97 +/- 2 | 4R3 | 4 | 0 | 3,900,192 | 15:1 |
| 3405 | 97 | 95 | 22:44:27.600 | | DMS: | **: *RECORD** | R7, TRACK 3, FWD, TIC *5826.42 +/- 2 | 4R3 | 4 | 0 | 3,900,192 | 18:0 |
| 3406 | 97 | 95 | 22:44:42.933 | | DMS: | **: *RUNDOWN** | R7, TRACK 3, FWD, TIC *5830.01 +/- 2 | 4R3 | 4 | 0 | 3,900,192 | 41:0 |
| 3407 | 97 | 95 | 22:54:15.600 | 465KH6A | 6DTRN | CMD,6DTRN,465KH6 | DMS TRACK TURNAROUND | 4R3 | 4 | 0 | 3,900,201 | 81:0 |
| 3408 | 97 | 95 | 23:30:00.266 | 488BD6A | 6TMSED | NORM,EL6 | Sci, Eng, and D/L Chan | 4R3 | 4 | 0 | 3,900,237 | 22:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3409 | 97 | 95 | 23:30:00.933 | 282NR432A431A6A | 6RCDSL | DDSNCG,PLSDSL,EP | Record Deselect (DDS o | 4R3 | 4 | 0 | 3,900,237:23:0 |
| 3410 | 97 | 95 | 23:30:01.600 | 282NR432A6A | 6RTSL1 | | R/T Select of DDS and | 4R3 | 4 | 0 | 3,900,237:24:0 |
| **3411** | **97** | **96** | **00:24:25.733** | **G7HNDARK__04-** | | **-----START------** | | **4R3** | **4** | **0** | **: :** |
| 3412 | 97 | 96 | 00:26:21.600 | 165FE4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4R3 | 4 | 0 | 3,900,292:89:0 |
| 3413 | 97 | 96 | 00:26:22.266 | 165FE4B | 7SCAN | NORM,307.929996, | Check S/P Position | 4R3 | 4 | 0 | 3,900,292:90:0 |
| **3414** | **97** | **96** | **00:28:19.600** | **125FE4A** | **37IST** | **0,2,0,OFF,0,1,2** | **Gain State 3** | **3R3** | **4** | **0** | **3,900,294:84:0** |
| 3415 | 97 | 96 | 00:28:19.600 | 125FE | NIMSINIT | GS | ##### GROUP START INIT | 3R3 | 4 | 0 | 3,900,294:84:0 |
| 3416 | 97 | 96 | 00:28:19.600 | 125FE11A | NIMSINIT | GE | ##### GROUP END INIT | 3R3 | 4 | 0 | 3,900,294:84:0 |
| 3417 | 97 | 96 | 00:29:12.266 | 175FE422A6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 3R3 | 4 | 0 | 3,900,295:72:0 |
| 3418 | 97 | 96 | 00:29:20.133 | | DMS: | : *RUNUP | R7, TRACK *4, *REV, TIC *6026.79 +/- | 3R3 | 4 | 0 | 3,900,295:83:8 |
| 3419 | 97 | 96 | 00:29:20.266 | 127FE | NIMSTAB | GS | %%%%% GROUP START TAB | 3R3 | 4 | 0 | 3,900,295:84:0 |
| **3420** | **97** | **96** | **00:29:20.933** | **127FE4A** | **37ETB** | **07,C7,05,FF,FF,3** | **Loads wavelength edit table** | **3R3** | **4** | **0** | **3,900,295:85:0** |
| 3421 | 97 | 96 | 00:29:21.533 | | DMS: | : *AT_SPD | R7, TRACK 4, REV, TIC 6026.67 +/- | 3R3 | 4 | 0 | 3,900,295:85:9 |
| 3422 | 97 | 96 | 00:29:21.533 | | DMS: | **: *RECORD** | R7, TRACK 4, REV, TIC *6026.67 +/- | 3R3 | 4 | 0 | 3,900,295:85:9 |
| 3423 | 97 | 96 | 00:29:21.600 | 175FE176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 3R3 | 4 | 0 | 3,900,295:86:0 |
| 3424 | 97 | 96 | 00:29:28.933 | 127FE11A | NIMSTAB | GE | %%%%% GROUP END TAB | 3R3 | 4 | 0 | 3,900,296:06:0 |
| **3425** | **97** | **96** | **00:30:22.963** | **G7HNDARK__04-** | **NIMPBK** | **301FK** | **DARK OBSERVATION** | **3R3** | **4** | **0** | **: :** |
| **3426** | **97** | **96** | **00:31:27.630** | **G7HNDARK__04-** | **DESELC** | **300FK** | **DARK OBSERVATION** | **3R3** | **4** | **0** | **: :** |
| 3427 | 97 | 96 | 00:31:37.600 | 175FE6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 3R3 | 4 | 0 | 3,900,298:17:0 |
| 3428 | 97 | 96 | 00:31:37.600 | 175FE422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 3R3 | 4 | 0 | 3,900,298:17:0 |
| 3429 | 97 | 96 | 00:31:37.600 | | DMS: | **: *RUNDOWN** | R7, TRACK 4, REV, TIC *5994.78 +/- | 3R3 | 4 | 0 | 3,900,298:17:0 |
| **3430** | **97** | **96** | **00:32:31.066** | **G7HNDARK__04-** | | **-----STOP-------** | | **3R3** | **4** | **0** | **: :** |
| 3431 | 97 | 96 | 01:42:03.600 | 488BD6B | 6TMSED | NORM,EL4 | Sci, Eng, and D/L Chan | 3R3 | 4 | 0 | 3,900,367:77:0 |
| 3432 | 97 | 96 | 02:56:43.600 | 488BD6C | 6TMSED | NORM,EL3 | Sci, Eng, and D/L Chan | 3R3 | 4 | 0 | 3,900,441:63:0 |
| **3433** | **97** | **96** | **02:59:07.733** | **G7JNFEA14201-** | | **-----START------** | | **3R3** | **4** | **0** | **: :** |
| 3434 | 97 | 96 | 03:00:02.933 | 165FF4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 3R3 | 4 | 0 | 3,900,444:89:0 |
| 3435 | 97 | 96 | 03:00:03.600 | 165FF4B | 7SCAN | NORM,91.797,26.3 | Check S/P Position | 3R3 | 4 | 0 | 3,900,444:90:0 |
| 3436 | 97 | 96 | 03:02:00.933 | 125FF | NIMSINIT | GS | ##### GROUP START INIT | 3R3 | 4 | 0 | 3,900,446:84:0 |
| **3437** | **97** | **96** | **03:02:00.933** | **125FF4A** | **37IST** | **0,2,0,OFF,0,1,0** | **Gain State 2** | **2R3** | **4** | **0** | **3,900,446:84:0** |
| 3438 | 97 | 96 | 03:02:00.933 | 125FF11A | NIMSINIT | GE | ##### GROUP END INIT | 2R3 | 4 | 0 | 3,900,446:84:0 |
| **3439** | **97** | **96** | **03:03:01.600** | **127FF4A** | **37IOP** | **5,1** | **Short Map, Grating Start Position =01** | **2R5** | **4** | **1** | **3,900,447:84:0** |
| 3440 | 97 | 96 | 03:03:01.600 | 127FF | NIMSTAB | GS | %%%%% GROUP START TAB | 2R5 | 4 | 1 | 3,900,447:84:0 |
| **3441** | **97** | **96** | **03:03:02.266** | **127FF4B** | **37ETB** | | **Loads wavelength edit table** | **2R5** | **4** | **1** | **3,900,447:85:0** |
| 3442 | 97 | 96 | 03:03:10.266 | 127FF11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R5 | 4 | 1 | 3,900,448:06:0 |
| 3443 | 97 | 96 | 03:03:54.266 | 175FF422A6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 2R5 | 4 | 1 | 3,900,448:72:0 |
| 3444 | 97 | 96 | 03:03:57.600 | 117FF | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,900,448:77:0 |
| 3445 | 97 | 96 | 03:04:02.133 | | DMS: | : *RUNUP | R7, TRACK *4, *REV, TIC *5996.14 +/- | 2R5 | 4 | 1 | 3,900,448:83:8 |
| 3446 | 97 | 96 | 03:04:03.533 | | DMS: | **: *RECORD** | R7, TRACK 4, REV, TIC *5996.02 +/- | 2R5 | 4 | 1 | 3,900,448:85:9 |
| 3447 | 97 | 96 | 03:04:03.533 | | DMS: | : *AT_SPD | R7, TRACK 4, REV, TIC 5996.02 +/- | 2R5 | 4 | 1 | 3,900,448:85:9 |
| 3448 | 97 | 96 | 03:04:03.600 | 175FF176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R5 | 4 | 1 | 3,900,448:86:0 |
| 3449 | 97 | 96 | 03:04:06.933 | 117FF105A106A4A | **7STRP** | **0.0108,0.0,0,0,0** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,900,449:00:0 |
| **3450** | **97** | **96** | **03:04:06.957** | **G7JNFEA14201-** | **NIMPBK** | **301FL** | **JUPITER FEATURE TRACK 142 DEG PH** | **2R5** | **4** | **1** | **: :** |
| 3451 | 97 | 96 | 03:05:46.933 | 117FF11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,900,450:59:0 |
| 3452 | 97 | 96 | 03:05:58.266 | 175FF422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,900,450:76:0 |
| 3453 | 97 | 96 | 03:05:58.266 | | DMS: | **: *RUNDOWN** | R7, TRACK 4, REV, TIC *5969.12 +/- | 2R5 | 4 | 1 | 3,900,450:76:0 |
| 3454 | 97 | 96 | 03:05:58.266 | 175FF6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,900,450:76:0 |
| **3455** | **97** | **96** | **03:06:12.400** | **G7JNFEA14201-** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** |
| **3456** | **97** | **96** | **03:11:15.733** | **G7JNPFC14201-** | | **-----START------** | | **2R5** | **4** | **1** | **: :** |
| 3457 | 97 | 96 | 03:12:10.933 | 165FG4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,900,456:89:0 |
| 3458 | 97 | 96 | 03:12:11.600 | 165FG4B | 7SCAN | NORM,91.964,26.5 | Check S/P Position | 2R5 | 4 | 1 | 3,900,456:90:0 |
| 3459 | 97 | 96 | 03:16:02.266 | 175FG422A6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 2R5 | 4 | 1 | 3,900,460:72:0 |
| 3460 | 97 | 96 | 03:16:05.600 | 117FG | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,900,460:77:0 |
| 3461 | 97 | 96 | 03:16:10.133 | | DMS: | : *RUNUP | R7, TRACK *4, *REV, TIC *5970.48 +/- | 2R5 | 4 | 1 | 3,900,460:83:8 |
| 3462 | 97 | 96 | 03:16:11.533 | | DMS: | **: *RECORD** | R7, TRACK 4, REV, TIC *5970.36 +/- | 2R5 | 4 | 1 | 3,900,460:85:9 |
| 3463 | 97 | 96 | 03:16:11.533 | | DMS: | : *AT_SPD | R7, TRACK 4, REV, TIC 5970.36 +/- | 2R5 | 4 | 1 | 3,900,460:85:9 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3464 | 97 | 96 | 03:16:11.600 | 175FG176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R5 | 4 | 1 | 3,900,460:86:0 | |
| 3465 | 97 | 96 | 03:16:14.933 | 117FG105A106A4A | **7STRP** | **0.0108,0.0,0,0,0** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,900,461:00:0 | |
| 3466 | 97 | 96 | 03:17:54.933 | 117FG11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,900,462:59:0 | |
| 3467 | 97 | 96 | 03:18:06.266 | 175FG422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,900,462:76:0 | |
| 3468 | 97 | 96 | 03:18:06.266 | 175FG6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,900,462:76:0 | |
| 3469 | 97 | 96 | 03:18:06.266 | | DMS: | **: *RUNDOWN** | R7, TRACK 4, REV, TIC *5943.47 +/- | 2R5 | 4 | 1 | 3,900,462:76:0 | |
| **3470** | **97** | **96** | **03:18:20.400** | **G7JNPFC14201-** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** | |
| 3471 | 97 | 96 | 03:19:32.933 | 488BD6D | 6TMSED | FILL,EL3 | Sci, Eng, and D/L Chan | 2R5 | 4 | 1 | 3,900,464:24:0 | |
| 3472 | 97 | 96 | 03:26:35.600 | 488BD6E | 6TMSED | FILL,EL1 | Sci, Eng, and D/L Chan | 2R5 | 4 | 1 | 3,900,471:21:0 | |
| **3473** | **97** | **96** | **03:28:27.066** | **G7JNPFB14201-** | | **-----START------** | | **2R5** | **4** | **1** | **: :** | |
| 3474 | 97 | 96 | 03:29:22.266 | 165FH4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,900,473:89:0 | |
| 3475 | 97 | 96 | 03:29:22.933 | 165FH4B | 7SCAN | NORM,91.818,27.3 | Check S/P Position | 2R5 | 4 | 1 | 3,900,473:90:0 | |
| 3476 | 97 | 96 | 03:33:13.600 | 175FH422A6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 2R5 | 4 | 1 | 3,900,477:72:0 | |
| 3477 | 97 | 96 | 03:33:16.933 | 117FH | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,900,477:77:0 | |
| 3478 | 97 | 96 | 03:33:21.466 | | DMS: | : *RUNUP | R7, TRACK *4, *REV, TIC *5944.82 +/- | 2R5 | 4 | 1 | 3,900,477:83:8 | |
| 3479 | 97 | 96 | 03:33:22.866 | | DMS: | : *AT_SPD | R7, TRACK 4, REV, TIC 5944.70 +/- | 2R5 | 4 | 1 | 3,900,477:85:9 | |
| 3480 | 97 | 96 | 03:33:22.866 | | DMS: | **: *RECORD** | R7, TRACK 4, REV, TIC *5944.70 +/- | 2R5 | 4 | 1 | 3,900,477:85:9 | |
| 3481 | 97 | 96 | 03:33:22.933 | 175FH176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R5 | 4 | 1 | 3,900,477:86:0 | |
| 3482 | 97 | 96 | 03:33:26.266 | 117FH105A106A4A | **7STRP** | **0.0108,0.0,0,0,0** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,900,478:00:0 | |
| 3483 | 97 | 96 | 03:35:06.266 | 117FH11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,900,479:59:0 | |
| 3484 | 97 | 96 | 03:35:17.600 | 175FH6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,900,479:76:0 | |
| 3485 | 97 | 96 | 03:35:17.600 | 175FH422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,900,479:76:0 | |
| 3486 | 97 | 96 | 03:35:17.600 | | DMS: | **: *RUNDOWN** | R7, TRACK 4, REV, TIC *5917.81 +/- | 2R5 | 4 | 1 | 3,900,479:76:0 | |
| **3487** | **97** | **96** | **03:35:31.733** | **G7JNPFB14201-** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** | |
| 3488 | 97 | 96 | 04:10:42.266 | 488BE6A | 6TMSED | NORM,EL1 | Sci, Eng, and D/L Chan | 2R5 | 4 | 1 | 3,900,514:78:0 | |
| 3489 | 97 | 96 | 04:24:11.600 | 488BE6B | 6TMSED | NORM,EL3 | Sci, Eng, and D/L Chan | 2R5 | 4 | 1 | 3,900,528:18:0 | |
| 3490 | 97 | 96 | 04:50:35.600 | 488BE6C | 6TMSED | FILL,EL3 | Sci, Eng, and D/L Chan | 2R5 | 4 | 1 | 3,900,554:28:0 | |
| 3491 | 97 | 96 | 05:00:00.266 | 488BE6D | 6TMSED | FILL,DL3 | Sci, Eng, and D/L Chan | 2R5 | 4 | 1 | 3,900,563:56:0 | |
| 3492 | 97 | 96 | 05:47:39.600 | 488BE6E | 6TMSED | NORM,DL3 | Sci, Eng, and D/L Chan | 2R5 | 4 | 1 | 3,900,610:68:0 | |
| 3493 | 97 | 96 | 06:16:12.266 | 165GS4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,900,638:89:0 | |
| 3494 | 97 | 96 | 06:16:12.933 | 165GS4B | 7SCAN | NORM,102.382,25. | Check S/P Position | 2R5 | 4 | 1 | 3,900,638:90:0 | |
| 3495 | 97 | 96 | 06:20:06.933 | 117GS | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,900,642:77:0 | |
| 3496 | 97 | 96 | 06:20:16.266 | 117GS105A106A4A | 7STRP | 0.004,0.0,0,0,0, | Slew =,0.32 | 2R5 | 4 | 1 | 3,900,643:00:0 | |
| 3497 | 97 | 96 | 06:20:16.266 | 176GS6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 2R5 | 4 | 1 | 3,900,643:00:0 | |
| 3498 | 97 | 96 | 06:20:33.600 | 117GS11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,900,643:26:0 | |
| 3499 | 97 | 96 | 06:20:49.600 | 176GS6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,900,643:50:0 | |
| 3500 | 97 | 96 | 06:20:59.466 | | DMS: | : *RUNUP | R7, TRACK *4, *REV, TIC *5919.17 +/- | 2R5 | 4 | 1 | 3,900,643:64:8 | |
| 3501 | 97 | 96 | 06:21:00.866 | | DMS: | : *AT_SPD | R7, TRACK 4, REV, TIC *5919.05 +/- | 2R5 | 4 | 1 | 3,900,643:66:9 | |
| 3502 | 97 | 96 | 06:21:01.600 | | DMS: | **: *RECORD** | R7, TRACK 4, REV, TIC *5918.87 +/- | 2R5 | 4 | 1 | 3,900,643:68:0 | |
| 3503 | 97 | 96 | 06:21:08.933 | | DMS: | **: *RUNDOWN** | R7, TRACK 4, REV, TIC *5917.16 +/- | 2R5 | 4 | 1 | 3,900,643:79:0 | |
| 3504 | 97 | 96 | 10:01:40.933 | 165GC4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,900,861:89:0 | |
| 3505 | 97 | 96 | 10:01:41.600 | 165GC4B | 7SCAN | NORM,102.073999, | Check S/P Position | 2R5 | 4 | 1 | 3,900,861:90:0 | |
| 3506 | 97 | 96 | 10:05:35.600 | 117GC | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,900,865:77:0 | |
| 3507 | 97 | 96 | 10:05:44.933 | 176GC6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 2R5 | 4 | 1 | 3,900,866:00:0 | |
| 3508 | 97 | 96 | 10:05:44.933 | 117GC105A106A4A | 7STRP | 0.004,0.0,0,0,0, | Slew =,0.32 | 2R5 | 4 | 1 | 3,900,866:00:0 | |
| 3509 | 97 | 96 | 10:06:02.266 | 117GC11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,900,866:26:0 | |
| 3510 | 97 | 96 | 10:06:18.266 | 176GC6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,900,866:50:0 | |
| 3511 | 97 | 96 | 10:06:28.133 | | DMS: | : *RUNUP | R7, TRACK *4, *REV, TIC *5918.51 +/- | 2R5 | 4 | 1 | 3,900,866:64:8 | |
| 3512 | 97 | 96 | 10:06:29.533 | | DMS: | : *AT_SPD | R7, TRACK 4, REV, TIC *5918.39 +/- | 2R5 | 4 | 1 | 3,900,866:66:9 | |
| 3513 | 97 | 96 | 10:06:30.266 | | DMS: | **: *RECORD** | R7, TRACK 4, REV, TIC *5918.22 +/- | 2R5 | 4 | 1 | 3,900,866:68:0 | |
| 3514 | 97 | 96 | 10:06:37.600 | | DMS: | **: *RUNDOWN** | R7, TRACK 4, REV, TIC *5916.50 +/- | 2R5 | 4 | 1 | 3,900,866:79:0 | |
| 3515 | 97 | 96 | 10:41:47.600 | 488BF6A | 6TMSED | NORM,DL2 | Sci, Eng, and D/L Chan | 2R5 | 4 | 1 | 3,900,901:59:0 | |
| 3516 | 97 | 96 | 11:09:31.600 | 488BF6B | 6TMSED | NORM,DL3 | Sci, Eng, and D/L Chan | 2R5 | 4 | 1 | 3,900,929:07:0 | |
| 3517 | 97 | 96 | 11:35:07.600 | 488BF6C | 6TMSED | NORM,DL4 | Sci, Eng, and D/L Chan | 2R5 | 4 | 1 | 3,900,954:36:0 | |
| 3518 | 97 | 96 | 11:53:54.933 | 165HZ4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,900,972:89:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3519 | 97 | 96 | 11:53:55.600 | 165HZ4B | 7SCAN | NORM,74.422,25.5 | Check S/P Position | 2R5 | 4 | 1 | 3,900,972:90:0 |
| **3520** | **97** | **96** | **11:56:01.733** | **G7NNHEALTH07-** | | **-----START------** | | **2R5** | **4** | **1** | **: :** |
| 3521 | 97 | 96 | 11:57:49.600 | 117HZ | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,900,976:77:0 |
| 3522 | 97 | 96 | 11:57:54.266 | 127KI | NIMSTAB | GS | %%%%% GROUP START TAB | 2R5 | 4 | 1 | 3,900,976:84:0 |
| **3523** | **97** | **96** | **11:57:54.266** | **127KI4A** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **2R3** | **4** | **0** | **3,900,976:84:0** |
| **3524** | **97** | **96** | **11:57:54.933** | **127KI4B** | **37ETB** | **07,C7,02,80,44,3** | **Loads wavelength edit table** | **2R3** | **4** | **0** | **3,900,976:85:0** |
| 3525 | 97 | 96 | 11:57:58.933 | 176HZ6A | 6TMREC | **BPT** | 7.68 KBPS PPR BURST TO TAPE Record Mode C | 2R3 | 4 | 0 | 3,900,977:00:0 |
| 3526 | 97 | 96 | 11:57:58.933 | 117HZ105A106A4A | 7STRP | 0.004,0.0,0,0,0, | Slew =,0.32 | 2R3 | 4 | 0 | 3,900,977:00:0 |
| 3527 | 97 | 96 | 11:58:02.933 | 127KI11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R3 | 4 | 0 | 3,900,977:06:0 |
| 3528 | 97 | 96 | 11:58:16.266 | 117HZ11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R3 | 4 | 0 | 3,900,977:26:0 |
| **3529** | **97** | **96** | **11:58:18.933** | **432ER6A** | **6RTSL2** | **NIMSEL,AACNCG,RT** | **NIMS R/T SELECT** | **2R3** | **4** | **0** | **3,900,977:30:0** |
| 3530 | 97 | 96 | 11:58:32.266 | 176HZ6B | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R3 | 4 | 0 | 3,900,977:50:0 |
| 3531 | 97 | 96 | 11:58:42.133 | | DMS: | : *RUNUP | R7, TRACK *4, *REV, TIC *5917.85 +/- | 2R3 | 4 | 0 | 3,900,977:64:8 |
| 3532 | 97 | 96 | 11:58:43.533 | | DMS: | : *AT_SPD | R7, TRACK 4, REV, TIC *5917.73 +/- | 2R3 | 4 | 0 | 3,900,977:66:9 |
| 3533 | 97 | 96 | 11:58:44.266 | | DMS: | **: *RECORD** | R7, TRACK 4, REV, TIC *5917.56 +/- | 2R3 | 4 | 0 | 3,900,977:68:0 |
| 3534 | 97 | 96 | 11:58:51.600 | | DMS: | **: *RUNDOWN** | R7, TRACK 4, REV, TIC *5915.84 +/- | 2R3 | 4 | 0 | 3,900,977:79:0 |
| **3535** | **97** | **96** | **11:59:18.266** | **432ES6A** | **6RTDS2** | **NIMDSL,AACNCG,RT** | **NIMS R/T DESELECT** | **2R3** | **4** | **0** | **3,900,978:28:0** |
| **3536** | **97** | **96** | **12:01:05.066** | **G7NNHEALTH07-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** |
| 3537 | 97 | 96 | 12:27:38.933 | 488BF6D | 6TMSED | FILL,DL4 | Sci, Eng, and D/L Chan | 2R3 | 4 | 0 | 3,901,006:31:0 |
| 3538 | 97 | 96 | 12:56:18.266 | 488BF6E | 6TMSED | NORM,DL4 | Sci, Eng, and D/L Chan | 2R3 | 4 | 0 | 3,901,034:62:0 |
| **3539** | **97** | **96** | **13:04:47.066** | **G7JNPFB15001-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** |
| 3540 | 97 | 96 | 13:05:42.266 | 165FI4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,901,043:89:0 |
| 3541 | 97 | 96 | 13:05:42.933 | 165FI4B | 7SCAN | NORM,100.221,26. | Check S/P Position | 2R3 | 4 | 0 | 3,901,043:90:0 |
| **3542** | **97** | **96** | **13:08:40.933** | **127LH4A** | **37IOP** | **5,1** | **Short Map, Grating Start Position =01** | **2R5** | **4** | **1** | **3,901,046:84:0** |
| 3543 | 97 | 96 | 13:08:40.933 | 127LH | NIMSTAB | GS | %%%%% GROUP START TAB | 2R5 | 4 | 1 | 3,901,046:84:0 |
| **3544** | **97** | **96** | **13:08:41.600** | **127LH4B** | **37ETB** | | **Loads wavelength edit table** | **2R5** | **4** | **1** | **3,901,046:85:0** |
| 3545 | 97 | 96 | 13:08:49.600 | 127LH11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R5 | 4 | 1 | 3,901,047:06:0 |
| 3546 | 97 | 96 | 13:09:33.600 | 175FI422A6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 2R5 | 4 | 1 | 3,901,047:72:0 |
| 3547 | 97 | 96 | 13:09:36.933 | 117FI | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,901,047:77:0 |
| 3548 | 97 | 96 | 13:09:41.466 | | DMS: | : *RUNUP | R7, TRACK *4, *REV, TIC *5917.20 +/- | 2R5 | 4 | 1 | 3,901,047:83:8 |
| 3549 | 97 | 96 | 13:09:42.866 | | DMS: | **: *RECORD** | R7, TRACK 4, REV, TIC *5917.08 +/- | 2R5 | 4 | 1 | 3,901,047:85:9 |
| 3550 | 97 | 96 | 13:09:42.866 | | DMS: | : *AT_SPD | R7, TRACK 4, REV, TIC 5917.08 +/- | 2R5 | 4 | 1 | 3,901,047:85:9 |
| 3551 | 97 | 96 | 13:09:42.933 | 175FI176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R5 | 4 | 1 | 3,901,047:86:0 |
| 3552 | 97 | 96 | 13:09:46.266 | 117FI105A106A4A | **7STRP** | **0.0108,0.0,0,0,0** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,901,048:00:0 |
| 3553 | 97 | 96 | 13:11:26.266 | 117FI11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,901,049:59:0 |
| 3554 | 97 | 96 | 13:11:37.600 | 175FI422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,901,049:76:0 |
| 3555 | 97 | 96 | 13:11:37.600 | 175FI6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,901,049:76:0 |
| 3556 | 97 | 96 | 13:11:37.600 | | DMS: | **: *RUNDOWN** | R7, TRACK 4, REV, TIC *5890.19 +/- | 2R5 | 4 | 1 | 3,901,049:76:0 |
| **3557** | **97** | **96** | **13:11:51.733** | **G7JNPFB15001-** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** |
| **3558** | **97** | **96** | **13:12:39.066** | **G7JNPFC15001-** | | **-----START------** | | **2R5** | **4** | **1** | **: :** |
| 3559 | 97 | 96 | 13:12:46.933 | 165FJ4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,901,050:89:0 |
| 3560 | 97 | 96 | 13:12:47.600 | 165FJ4B | 7SCAN | NORM,100.263,26. | Check S/P Position | 2R5 | 4 | 1 | 3,901,050:90:0 |
| 3561 | 97 | 96 | 13:16:38.266 | 175FJ422A6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 2R5 | 4 | 1 | 3,901,054:72:0 |
| 3562 | 97 | 96 | 13:16:41.600 | 117FJ | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,901,054:77:0 |
| 3563 | 97 | 96 | 13:16:46.133 | | DMS: | : *RUNUP | R7, TRACK *4, *REV, TIC *5891.54 +/- | 2R5 | 4 | 1 | 3,901,054:83:8 |
| 3564 | 97 | 96 | 13:16:47.533 | | DMS: | **: *RECORD** | R7, TRACK 4, REV, TIC *5891.42 +/- | 2R5 | 4 | 1 | 3,901,054:85:9 |
| 3565 | 97 | 96 | 13:16:47.533 | | DMS: | : *AT_SPD | R7, TRACK 4, REV, TIC 5891.42 +/- | 2R5 | 4 | 1 | 3,901,054:85:9 |
| 3566 | 97 | 96 | 13:16:47.600 | 175FJ176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R5 | 4 | 1 | 3,901,054:86:0 |
| 3567 | 97 | 96 | 13:16:50.933 | 117FJ105A106A4A | **7STRP** | **0.0108,0.0,0,0,0** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,901,055:00:0 |
| 3568 | 97 | 96 | 13:18:30.933 | 117FJ11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,901,056:59:0 |
| 3569 | 97 | 96 | 13:18:42.266 | 175FJ422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,901,056:76:0 |
| 3570 | 97 | 96 | 13:18:42.266 | 175FJ6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,901,056:76:0 |
| 3571 | 97 | 96 | 13:18:42.266 | | DMS: | **: *RUNDOWN** | R7, TRACK 4, REV, TIC *5864.53 +/- | 2R5 | 4 | 1 | 3,901,056:76:0 |
| **3572** | **97** | **96** | **13:18:56.400** | **G7JNPFC15001-** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** |
| **3573** | **97** | **96** | **13:27:01.733** | **G7JNFEA15003-** | | **-----START------** | | **2R5** | **4** | **1** | **: :** |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3574 | 97 | 96 | 13:27:56.933 | 165FK4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,901,065:89:0 |
| 3575 | 97 | 96 | 13:27:57.600 | 165FK4B | 7SCAN | NORM,100.148,26. | Check S/P Position | 2R5 | 4 | 1 | 3,901,065:90:0 |
| 3576 | 97 | 96 | 13:31:48.266 | 175FK422A6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 2R5 | 4 | 1 | 3,901,069:72:0 |
| 3577 | 97 | 96 | 13:31:51.600 | 117FK | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,901,069:77:0 |
| 3578 | 97 | 96 | 13:31:56.133 | | DMS: | : *RUNUP | R7, TRACK *4, *REV, TIC *5865.89 +/- | 2R5 | 4 | 1 | 3,901,069:83:8 |
| 3579 | 97 | 96 | 13:31:57.533 | | DMS: | : *AT_SPD | R7, TRACK 4, REV, TIC 5865.77 +/- | 2R5 | 4 | 1 | 3,901,069:85:9 |
| 3580 | 97 | 96 | 13:31:57.533 | | DMS: | **: *RECORD** | R7, TRACK 4, REV, TIC *5865.77 +/- | 2R5 | 4 | 1 | 3,901,069:85:9 |
| 3581 | 97 | 96 | 13:31:57.600 | 175FK176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R5 | 4 | 1 | 3,901,069:86:0 |
| 3582 | 97 | 96 | 13:32:00.933 | 117FK105A106A4A | **7STRP** | **0.0108,0.0,0,0,0** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,901,070:00:0 |
| **3583** | **97** | **96** | **13:33:38.268** | **G7JNFEA15003-** | **DESELC** | **300FL** | **JUPITER FEATURE TRACK 150 DEG PH** | **2R5** | **4** | **1** | **: :** |
| 3584 | 97 | 96 | 13:33:40.933 | 117FK11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,901,071:59:0 |
| 3585 | 97 | 96 | 13:33:48.266 | 175FK6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,901,071:70:0 |
| 3586 | 97 | 96 | 13:33:48.266 | 175FK422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,901,071:70:0 |
| 3587 | 97 | 96 | 13:33:48.266 | | DMS: | **: *RUNDOWN** | R7, TRACK 4, REV, TIC *5839.81 +/- | 2R5 | 4 | 1 | 3,901,071:70:0 |
| **3588** | **97** | **96** | **13:34:06.400** | **G7JNFEA15003-** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** |
| **3589** | **97** | **96** | **15:14:12.400** | **G7NNHEALTH08-** | | **-----START------** | | **2R5** | **4** | **1** | **: :** |
| **3590** | **97** | **96** | **15:16:04.933** | **127KJ4A** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **2R3** | **4** | **0** | **3,901,172:84:0** |
| 3591 | 97 | 96 | 15:16:04.933 | 127KJ | NIMSTAB | GS | %%%%% GROUP START TAB | 2R3 | 4 | 0 | 3,901,172:84:0 |
| **3592** | **97** | **96** | **15:16:05.600** | **127KJ4B** | **37ETB** | **07,C7,02,80,44,3** | **Loads wavelength edit table** | **2R3** | **4** | **0** | **3,901,172:85:0** |
| 3593 | 97 | 96 | 15:16:13.600 | 127KJ11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R3 | 4 | 0 | 3,901,173:06:0 |
| **3594** | **97** | **96** | **15:17:30.266** | **432ET6A** | **6RTSL2** | **NIMSEL,AACNCG,RT** | **NIMS R/T SELECT** | **2R3** | **4** | **0** | **3,901,174:30:0** |
| **3595** | **97** | **96** | **15:18:29.600** | **432EU6A** | **6RTDS2** | **NIMDSL,AACNCG,RT** | **NIMS R/T DESELECT** | **2R3** | **4** | **0** | **3,901,175:28:0** |
| **3596** | **97** | **96** | **15:19:15.733** | **G7NNHEALTH08-** | | **-----STOP-------** | | **2R3** | **4** | **0** | **: :** |
| **3597** | **97** | **96** | **15:29:22.400** | **G7JNFEZ15701-** | | **-----START------** | | **2R3** | **4** | **0** | **: :** |
| 3598 | 97 | 96 | 15:30:17.600 | 165FL4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R3 | 4 | 0 | 3,901,186:89:0 |
| 3599 | 97 | 96 | 15:30:18.266 | 165FL4B | 7SCAN | NORM,101.879,25. | Check S/P Position | 2R3 | 4 | 0 | 3,901,186:90:0 |
| **3600** | **97** | **96** | **15:33:16.266** | **127LI4A** | **37IOP** | **5,1** | **Short Map, Grating Start Position =01** | **2R5** | **4** | **1** | **3,901,189:84:0** |
| 3601 | 97 | 96 | 15:33:16.266 | 127LI | NIMSTAB | GS | %%%%% GROUP START TAB | 2R5 | 4 | 1 | 3,901,189:84:0 |
| **3602** | **97** | **96** | **15:33:16.933** | **127LI4B** | **37ETB** | | **Loads wavelength edit table** | **2R5** | **4** | **1** | **3,901,189:85:0** |
| 3603 | 97 | 96 | 15:33:24.933 | 127LI11A | NIMSTAB | GE | %%%%% GROUP END TAB | 2R5 | 4 | 1 | 3,901,190:06:0 |
| 3604 | 97 | 96 | 15:34:08.933 | 175FL422A6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 2R5 | 4 | 1 | 3,901,190:72:0 |
| 3605 | 97 | 96 | 15:34:12.266 | 117FL | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,901,190:77:0 |
| 3606 | 97 | 96 | 15:34:16.800 | | DMS: | : *RUNUP | R7, TRACK *4, *REV, TIC *5841.17 +/- | 2R5 | 4 | 1 | 3,901,190:83:8 |
| 3607 | 97 | 96 | 15:34:18.200 | | DMS: | **: *RECORD** | R7, TRACK 4, REV, TIC *5841.05 +/- | 2R5 | 4 | 1 | 3,901,190:85:9 |
| 3608 | 97 | 96 | 15:34:18.200 | | DMS: | : *AT_SPD | R7, TRACK 4, REV, TIC 5841.05 +/- | 2R5 | 4 | 1 | 3,901,190:85:9 |
| 3609 | 97 | 96 | 15:34:18.266 | 175FL176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R5 | 4 | 1 | 3,901,190:86:0 |
| 3610 | 97 | 96 | 15:34:21.600 | 117FL105A106A4A | **7STRP** | **0.0108,0.0,0,0,0** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,901,191:00:0 |
| 3611 | 97 | 96 | 15:36:01.600 | 117FL11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,901,192:59:0 |
| 3612 | 97 | 96 | 15:36:12.933 | 175FL422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,901,192:76:0 |
| 3613 | 97 | 96 | 15:36:12.933 | | DMS: | **: *RUNDOWN** | R7, TRACK 4, REV, TIC *5814.16 +/- | 2R5 | 4 | 1 | 3,901,192:76:0 |
| 3614 | 97 | 96 | 15:36:12.933 | 175FL6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,901,192:76:0 |
| **3615** | **97** | **96** | **15:36:27.066** | **G7JNFEZ15701-** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** |
| **3616** | **97** | **96** | **15:41:30.400** | **G7JNFEZ15702-** | | **-----START------** | | **2R5** | **4** | **1** | **: :** |
| 3617 | 97 | 96 | 15:42:25.600 | 165FM4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,901,198:89:0 |
| 3618 | 97 | 96 | 15:42:26.266 | 165FM4B | 7SCAN | NORM,102.179,25. | Check S/P Position | 2R5 | 4 | 1 | 3,901,198:90:0 |
| 3619 | 97 | 96 | 15:44:43.600 | 488BG6A | 6TMSED | NORM,DL6 | Sci, Eng, and D/L Chan | 2R5 | 4 | 1 | 3,901,201:23:0 |
| 3620 | 97 | 96 | 15:46:16.933 | 175FM422A6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 2R5 | 4 | 1 | 3,901,202:72:0 |
| 3621 | 97 | 96 | 15:46:20.266 | 117FM | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,901,202:77:0 |
| 3622 | 97 | 96 | 15:46:24.800 | | DMS: | : *RUNUP | R7, TRACK *4, *REV, TIC *5815.51 +/- | 2R5 | 4 | 1 | 3,901,202:83:8 |
| 3623 | 97 | 96 | 15:46:26.200 | | DMS: | : *AT_SPD | R7, TRACK 4, REV, TIC 5815.39 +/- | 2R5 | 4 | 1 | 3,901,202:85:9 |
| 3624 | 97 | 96 | 15:46:26.200 | | DMS: | **: *RECORD** | R7, TRACK 4, REV, TIC *5815.39 +/- | 2R5 | 4 | 1 | 3,901,202:85:9 |
| 3625 | 97 | 96 | 15:46:26.266 | 175FM176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R5 | 4 | 1 | 3,901,202:86:0 |
| **3626** | **97** | **96** | **15:46:29.596** | **G7JNFEZ15702-** | **NIMPBK** | **301FY** | **JUPITER FEATURE TRACK 157 DEG PH** | **2R5** | **4** | **1** | **: :** |
| 3627 | 97 | 96 | 15:46:29.600 | 117FM105A106A4A | **7STRP** | **0.0108,0.0,0,0,0** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,901,203:00:0 |
| **3628** | **97** | **96** | **15:48:09.596** | **G7JNFEZ15702-** | **DESELC** | **300FY** | **JUPITER FEATURE TRACK 157 DEG PH** | **2R5** | **4** | **1** | **: :** |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3629 | 97 | 96 | 15:48:09.600 | 117FM11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,901,204:59:0 | |
| 3630 | 97 | 96 | 15:48:20.933 | 175FM6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,901,204:76:0 | |
| 3631 | 97 | 96 | 15:48:20.933 | 175FM422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,901,204:76:0 | |
| 3632 | 97 | 96 | 15:48:20.933 | | DMS: | **: *RUNDOWN** | R7, TRACK 4, REV, TIC *5788.50 +/- | 2R5 | 4 | 1 | 3,901,204:76:0 | |
| **3633** | **97** | **96** | **15:48:35.066** | **G7JNFEZ15702-** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** | |
| **3634** | **97** | **96** | **15:50:36.400** | **G7JNFEZ15703-** | | **-----START------** | | **2R5** | **4** | **1** | **: :** | |
| 3635 | 97 | 96 | 15:51:31.600 | 165FN4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2R5 | 4 | 1 | 3,901,207:89:0 | |
| 3636 | 97 | 96 | 15:51:32.266 | 165FN4B | 7SCAN | NORM,102.221999, | Check S/P Position | 2R5 | 4 | 1 | 3,901,207:90:0 | |
| 3637 | 97 | 96 | 15:55:22.933 | 175FN422A6A | 6DMSC | R7,0 | DMS Control Tape runup 7.68kps | 2R5 | 4 | 1 | 3,901,211:72:0 | |
| 3638 | 97 | 96 | 15:55:26.266 | 117FN | **CSMOS** | GS | ***** GROUP START CSMOS | 2R5 | 4 | 1 | 3,901,211:77:0 | |
| 3639 | 97 | 96 | 15:55:30.800 | | DMS: | : *RUNUP | R7, TRACK *4, *REV, TIC *5789.85 +/- | 2R5 | 4 | 1 | 3,901,211:83:8 | |
| 3640 | 97 | 96 | 15:55:32.200 | | DMS: | **: *RECORD** | R7, TRACK 4, REV, TIC *5789.73 +/- | 2R5 | 4 | 1 | 3,901,211:85:9 | |
| 3641 | 97 | 96 | 15:55:32.200 | | DMS: | : *AT_SPD | R7, TRACK 4, REV, TIC 5789.73 +/- | 2R5 | 4 | 1 | 3,901,211:85:9 | |
| 3642 | 97 | 96 | 15:55:32.266 | 175FN176A6A | 6TMREC | **LPU** | 7.68 KBPS NIMS-UVS-PPR RECORD Record Mode | 2R5 | 4 | 1 | 3,901,211:86:0 | |
| 3643 | 97 | 96 | 15:55:35.600 | 117FN105A106A4A | **7STRP** | **0.0108,0.0,0,0,0** | **Slew =,0.11** | 2R5 | 4 | 1 | 3,901,212:00:0 | |
| 3644 | 97 | 96 | 15:57:15.600 | 117FN11A | **CSMOS** | GE | ***** GROUP END CSMOS | 2R5 | 4 | 1 | 3,901,213:59:0 | |
| 3645 | 97 | 96 | 15:57:16.933 | | DMS: | **: *RUNDOWN** | R7, TRACK 4, REV, TIC *5765.19 +/- | 2R5 | 4 | 1 | 3,901,213:61:0 | |
| 3646 | 97 | 96 | 15:57:16.933 | 175FN6A | 6TMREC | **NRC** | NO RECORD Record Mode Change | 2R5 | 4 | 1 | 3,901,213:61:0 | |
| 3647 | 97 | 96 | 15:57:16.933 | 175FN422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 2R5 | 4 | 1 | 3,901,213:61:0 | |
| **3648** | **97** | **96** | **15:57:41.066** | **G7JNFEZ15703-** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** | |
| **3649** | **97** | **96** | **15:58:58.400** | **G7JNAWGWIN04** | | **-----STOP-------** | | **2R5** | **4** | **1** | **: :** | |
| **3650** | **97** | **96** | **16:00:00.000** | **20A3EW** | **37A** | **Final Condition** | **NIMS Power ON** | **2R5** | **4** | **0** | **3,901,216:32:6** | |
| **3651** | **97** | **96** | **16:00:00.000** | **20A3FF** | **40T2R** | **Final Condition** | **PCT Heater 2 OFF** | **2R5** | **4** | **0** | **3,901,216:32:6** | |
| **3652** | **97** | **96** | **16:00:00.000** | **20A3FE** | **40T1PR** | **Final Condition** | **PCT Heater 1 OFF (primary relay)** | **2R5** | **4** | **0** | **3,901,216:32:6** | |
| **3653** | **97** | **96** | **16:00:00.000** | **20A3FD** | **40HRPR** | **Final Condition** | **RCT Heater OFF (primary relay)** | **2R5** | **4** | **0** | **3,901,216:32:6** | |
| **3654** | **97** | **96** | **16:00:00.000** | **20A3FB** | **37F2PR** | **Final Condition** | **Shield Flash Heater OFF (primary relay)** | **2R5** | **4** | **0** | **3,901,216:32:6** | |
| **3655** | **97** | **96** | **16:00:00.000** | **20A3FA** | **37F1PR** | **Final Condition** | **Radiator Flash Heater OFF (primary relay)** | **2R5** | **4** | **0** | **3,901,216:32:6** | |
| **3656** | **97** | **96** | **16:00:00.000** | **20A3EZ** | **37C2PR** | **Final Condition** | **Optics Heater 2 OFF (primary relay)** | **2R5** | **4** | **0** | **3,901,216:32:6** | |
| **3657** | **97** | **96** | **16:00:00.000** | **20A3EY** | **37C1PR** | **Final Condition** | **Optics Heater 1 OFF (primary relay)** | **2R5** | **4** | **0** | **3,901,216:32:6** | |
| **3658** | **97** | **96** | **16:00:00.000** | **20A3EX** | **37HR** | **Final Condition** | **Replacement Heaters OFF** | **2R5** | **4** | **0** | **3,901,216:32:6** | |
| 3659 | 97 | 96 | 16:00:00.266 | | DMS: | : READY | RDY, TRACK 4, REV, TIC 5765.13 +/- | 2R5 | 4 | 0 | 3,901,216:33:0 | |

**Sequence: G07B-ARF** **Created: 5/15/97** **Begin: 97-096/16:00:00 Finish: 97-124/16:00:00**

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | | Description | GCM | GO | GS | RIM MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | **97** | **96** | **16:00:00.000** | **20A3FB** | **37F2PR** | **Initial Condition** | | **Shield Flash Heater OFF (primary relay)** | **2R5** | **4** | **0** | **3,901,216:32:6** |
| **2** | **97** | **96** | **16:00:00.000** | **20A3EW** | **37A** | **Initial Condition** | | **NIMS Power ON** | **2R5** | **4** | **0** | **3,901,216:32:6** |
| **3** | **97** | **96** | **16:00:00.000** | **20A3EX** | **37HR** | **Initial Condition** | | **Replacement Heaters OFF** | **2R5** | **4** | **0** | **3,901,216:32:6** |
| **4** | **97** | **96** | **16:00:00.000** | **20A3EY** | **37C1PR** | **Initial Condition** | | **Optics Heater 1 OFF (primary relay)** | **2R5** | **4** | **0** | **3,901,216:32:6** |
| **5** | **97** | **96** | **16:00:00.000** | **20A3EZ** | **37C2PR** | **Initial Condition** | | **Optics Heater 2 OFF (primary relay)** | **2R5** | **4** | **0** | **3,901,216:32:6** |
| **6** | **97** | **96** | **16:00:00.000** | **20A3FA** | **37F1PR** | **Initial Condition** | | **Radiator Flash Heater OFF (primary relay)** | **2R5** | **4** | **0** | **3,901,216:32:6** |
| **7** | **97** | **96** | **16:00:00.000** | **20A3FF** | **40T2R** | **Initial Condition** | | **PCT Heater 2 OFF** | **2R5** | **4** | **0** | **3,901,216:32:6** |
| **8** | **97** | **96** | **16:00:00.000** | **20A3FE** | **40T1PR** | **Initial Condition** | | **PCT Heater 1 OFF (primary relay)** | **2R5** | **4** | **0** | **3,901,216:32:6** |
| **9** | **97** | **96** | **16:00:00.000** | **20A3FD** | **40HRPR** | **Initial Condition** | | **RCT Heater OFF (primary relay)** | **2R5** | **4** | **0** | **3,901,216:32:6** |
| 10 | 97 | 96 | 16:00:00.266 | | DMS: | : READY | | RDY, TRACK 4, REV, TIC 5765.13 +/- | 2R5 | 4 | 0 | 3,901,216:33:0 |
| **11** | **97** | **96** | **16:01:38.266** | **432JB6B** | **6RTDS2** | **NIMDSL,AACNCG,RT** | | **NIMS R/T DESELECT** | **2R5** | **4** | **0** | **3,901,217:89:0** |
| 12 | 97 | 96 | 16:01:38.933 | 432JB431A6A | 6RCDSL | DDSNCG,PLSDSL,EP | | Record Deselect (DDS o | 2R5 | 4 | 0 | 3,901,217:90:0 |
| 13 | 97 | 96 | 16:01:39.600 | 432JB6C | 6RTSL1 | | | R/T Select of DDS and | 2R5 | 4 | 0 | 3,901,218:00:0 |
| **14** | **97** | **96** | **16:01:39.600** | **432JB6D** | **6RTSL2** | **NIMNCG,AACSEL,RT** | | **AACS SELECT** | **2R5** | **4** | **0** | **3,901,218:00:0** |
| 15 | 97 | 96 | 16:01:47.600 | 488A6A | 6TMSED | NORM,AL6 | | Sci, Eng, and D/L Chan | 2R5 | 4 | 0 | 3,901,218:12:0 |
| 16 | 97 | 96 | 16:01:47.600 | 418JA6A | 6BUFLO | | 2 | MUB Buffer low water m | 2R5 | 4 | 0 | 3,901,218:12:0 |
| 17 | 97 | 96 | 16:01:47.600 | 418JA6B | 6BUFHI | | 10 | MUB Buffer high water | 2R5 | 4 | 0 | 3,901,218:12:0 |
| **18** | **97** | **96** | **16:08:48.400** | **G7NNCHOPOF01-** | | **-----START------** | | | **2R5** | **4** | **0** | **: :** |
| **19** | **97** | **96** | **16:09:40.266** | **127FJ4A** | **37IOP** | **0,0** | | **Safe, Grating Start Position =00** | **2R0** | **4** | **0** | **3,901,225:84:0** |
| 20 | 97 | 96 | 16:09:40.266 | 127FJ | NIMSTAB | GS | | %%%%% GROUP START TAB | 2R0 | 4 | 0 | 3,901,225:84:0 |
| **21** | **97** | **96** | **16:09:40.933** | **127FJ4B** | **37ETB** | **04,C4,02,00,00** | | **Loads wavelength edit table** | **2R0** | **4** | **0** | **3,901,225:85:0** |
| 22 | 97 | 96 | 16:09:48.933 | 127FJ11A | NIMSTAB | GE | | %%%%% GROUP END TAB | 2R0 | 4 | 0 | 3,901,226:06:0 |
| 23 | 97 | 96 | 16:12:42.266 | 125FJ | NIMSINIT | GS | | ##### GROUP START INIT | 2R0 | 4 | 0 | 3,901,228:84:0 |
| **24** | **97** | **96** | **16:12:42.266** | **125FJ4A** | **37MB** | **0,0,0,0,0,0** | | **Selects mirror (spatial) edit table** | **2R0** | **4** | **0** | **3,901,228:84:0** |
| **25** | **97** | **96** | **16:13:42.933** | **125FJ4B** | **37IST** | **1,0,0,OFF,0,0,0** | | **Chopper ON, Sync, 63Hz (Ref)** | **260** | **4** | **0** | **3,901,229:84:0** |
| 26 | 97 | 96 | 16:14:43.600 | 125FJ11A | NIMSINIT | GE | | ##### GROUP END INIT | 260 | 4 | 0 | 3,901,230:84:0 |
| **27** | **97** | **96** | **16:14:43.600** | **125FJ4C** | **37IST** | **1,1,0,OFF,0,0,0** | | **Chopper OFF, N/A, 63Hz (Ref)** | **2O0** | **4** | **0** | **3,901,230:84:0** |
| **28** | **97** | **96** | **16:18:55.066** | **G7NNCHOPOF01-** | | **-----STOP-------** | | | **2O0** | **4** | **0** | **: :** |
| 29 | 97 | 96 | 16:45:00.266 | 444UA443A4A | **7MODE** | **CRU** | | AACS CRUISE MODE | 2O0 | 4 | 0 | 3,901,260:79:0 |
| 30 | 97 | 96 | 16:55:07.600 | 488A6B | 6TMSED | NORM,AL7 | | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,901,270:80:0 |
| 31 | 97 | 96 | 17:00:00.266 | 41WA99A | **POWER** | **PWR MODE change** | | Change to Maneuver/Playback Mode | 2O0 | 4 | 0 | 3,901,275:64:0 |
| **32** | **97** | **96** | **17:00:04.266** | **41WA3K** | **37F2PR** | | **1** | **Shield Flash Heater OFF (primary relay)** | **2O0** | **4** | **0** | **3,901,275:70:0** |
| **33** | **97** | **96** | **17:00:14.266** | **41WA3L** | **37F2PR** | | **2** | **Shield Flash Heater OFF (primary relay)** | **2O0** | **4** | **0** | **3,901,275:85:0** |
| **34** | **97** | **96** | **17:02:24.266** | **41WA3G** | **40T1P** | | **1** | **PCT Heater 1 ON (primary relay)** | **2O0** | **4** | **0** | **3,901,278:07:0** |
| **35** | **97** | **96** | **17:02:34.266** | **41WA3H** | **40T1P** | | **2** | **PCT Heater 1 ON (primary relay)** | **2O0** | **4** | **0** | **3,901,278:22:0** |
| **36** | **97** | **96** | **17:02:44.266** | **41WA3I** | **40T2** | | **1** | **PCT Heater 2 ON** | **2O0** | **4** | **0** | **3,901,278:37:0** |
| **37** | **97** | **96** | **17:02:54.266** | **41WA3J** | **40T2** | | **2** | **PCT Heater 2 ON** | **2O0** | **4** | **0** | **3,901,278:52:0** |
| 38 | 97 | 96 | 17:11:04.266 | 20WA4A | **7SAFE** | **STOP** | | S/P NO MOVEMENT | 2O0 | 4 | 0 | 3,901,286:59:0 |
| 39 | 97 | 96 | 17:11:54.266 | 20WA4B | 7SLEW | DIS,POS,0.0 | | Stator movement | 2O0 | 4 | 0 | 3,901,287:43:0 |
| 40 | 97 | 96 | 17:14:27.600 | 176SA6A | 6TMREC | **IPB** | | INITIATE PLAYBACK (PB CONTROL) Record Mod | 2O0 | 4 | 0 | 3,901,290:00:0 |
| 41 | 97 | 96 | 17:55:54.933 | 176BA6A | 6TMREC | **PPB** | | PAUSE PLAYBACK (PB CONTROL) Record Mode C | 2O0 | 4 | 0 | 3,901,331:00:0 |
| 42 | 97 | 96 | 17:58:55.600 | 165BK4A | 7TMOT | DIS,TMC | | Disable IVP - Target Motion | 2O0 | 4 | 0 | 3,901,333:89:0 |
| 43 | 97 | 96 | 17:58:56.266 | 165BK4B | 7SCAN | NORM,312.23,-17. | | Check S/P Position | 2O0 | 4 | 0 | 3,901,333:90:0 |
| 44 | 97 | 96 | 18:03:00.933 | 20UK4A | **7SAFE** | **STOP** | | S/P NO MOVEMENT | 2O0 | 4 | 0 | 3,901,338:02:0 |
| 45 | 97 | 96 | 18:03:50.933 | 20UK4B | 7SLEW | DIS,POS,0.0 | | Stator movement | 2O0 | 4 | 0 | 3,901,338:77:0 |
| 46 | 97 | 96 | 18:05:00.933 | 176BB6A | 6TMREC | **RPB** | | RESUME PLAYBACK (PB CONTROL) Record Mode | 2O0 | 4 | 0 | 3,901,340:00:0 |
| 47 | 97 | 96 | 23:23:23.533 | 488B6A | 6TMSED | NORM,AL6 | | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,901,654:80:0 |
| 48 | 97 | 97 | 00:00:00.200 | 481UG4A | 7VECT | | | Inert vect update UTC | 2O0 | 4 | 0 | 3,901,691:08:0 |
| 49 | 97 | 97 | 01:42:03.533 | 488B6B | 6TMSED | NORM,AL5 | | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,901,792:02:0 |
| 50 | 97 | 97 | 02:41:47.533 | 488B6C | 6TMSED | NORM,AL4 | | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,901,851:09:0 |
| 51 | 97 | 97 | 03:26:35.533 | 488B6D | 6TMSED | NORM,AL2 | | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,901,895:37:0 |
| 52 | 97 | 97 | 03:50:03.533 | 488B6E | 6TMSED | NORM,AL3 | | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,901,918:56:0 |
| 53 | 97 | 97 | 04:45:31.533 | 488C6A | 6TMSED | NORM,AL4 | | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,901,973:43:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 54 | 97 | 97 | 10:37:31.533 | 488C6B | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,902,321:55:0 | |
| 55 | 97 | 97 | 10:43:12.200 | 488C6C | 6TMSED | FILL,AL3 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,902,327:20:0 | |
| 56 | 97 | 97 | 10:52:27.533 | 488D6A | 6TMSED | FILL,AL2 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,902,336:34:0 | |
| 57 | 97 | 97 | 11:04:46.866 | 488D6B | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,902,348:51:0 | |
| 58 | 97 | 97 | 11:20:11.533 | 488D6C | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,902,363:73:0 | |
| 59 | 97 | 97 | 12:25:29.533 | 488D6D | 6TMSED | FILL,AL3 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,902,428:35:0 | |
| 60 | 97 | 97 | 12:51:55.533 | 488D6E | 6TMSED | FILL,AL4 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,902,454:48:0 | |
| 61 | 97 | 97 | 12:56:30.200 | 488E6A | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,902,459:05:0 | |
| 62 | 97 | 97 | 13:38:00.200 | 488E6B | 6TMSED | NORM,AH4 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,902,500:09:0 | |
| 63 | 97 | 97 | 13:54:04.866 | 176SB6A | 6TMREC | **PPB** | PAUSE PLAYBACK (PB CONTROL) Record Mode C | 2O0 | 4 | 0 | 3,902,516:00:0 | |
| 64 | 97 | 97 | 14:02:00.200 | 20UA4B | 7SLEW | DIS,POS,0.0 | Stator movement | 2O0 | 4 | 0 | 3,902,523:76:0 | |
| 65 | 97 | 97 | 14:03:00.200 | 20UA4D | **7MODE** | **SPNL** | AACS ALL-SPIN LOW | 2O0 | 4 | 0 | 3,902,524:75:0 | |
| 66 | 97 | 97 | 14:05:00.200 | 20UA4E | **7SAFE** | **UNSTOW** | S/P TO 153 deg cone | 2O0 | 4 | 0 | 3,902,526:73:0 | |
| 67 | 97 | 97 | 14:10:30.200 | 20UA4G | 7VENT | 0.611,1.333,8 | ALERT -- Thruster fire | 2O0 | 4 | 0 | 3,902,532:22:0 | |
| 68 | 97 | 97 | 14:10:30.866 | 20UA4H | 7VENT | 0.611,10.989,8 | ALERT -- Thruster fire | 2O0 | 4 | 0 | 3,902,532:23:0 | |
| 69 | 97 | 97 | 14:10:50.866 | 20UA4I | 7VENT | 0.611,1.333,6 | ALERT -- Thruster fire | 2O0 | 4 | 0 | 3,902,532:53:0 | |
| 70 | 97 | 97 | 14:10:51.533 | 20UA4J | 7VENT | 0.611,10.989,6 | ALERT -- Thruster fire | 2O0 | 4 | 0 | 3,902,532:54:0 | |
| 71 | 97 | 97 | 14:11:11.533 | 20UA4K | 7VENT | 0.611,1.333,4 | ALERT -- Thruster fire | 2O0 | 4 | 0 | 3,902,532:84:0 | |
| 72 | 97 | 97 | 14:11:12.200 | 20UA4L | 7VENT | 0.611,0.666,5 | ALERT -- Thruster fire | 2O0 | 4 | 0 | 3,902,532:85:0 | |
| 73 | 97 | 97 | 14:11:22.200 | 20UA4M | 7VENT | 0.611,1.333,4 | ALERT -- Thruster fire | 2O0 | 4 | 0 | 3,902,533:09:0 | |
| 74 | 97 | 97 | 14:11:22.866 | 20UA4N | 7VENT | 0.611,0.666,5 | ALERT -- Thruster fire | 2O0 | 4 | 0 | 3,902,533:10:0 | |
| 75 | 97 | 97 | 14:11:32.866 | 20UA4O | 7VENT | 1.211,1.333,10 | ALERT -- Thruster fire | 2O0 | 4 | 0 | 3,902,533:25:0 | |
| 76 | 97 | 97 | 14:11:33.533 | 20UA4P | 7VENT | 1.211,0.666,12 | ALERT -- Thruster fire | 2O0 | 4 | 0 | 3,902,533:26:0 | |
| 77 | 97 | 97 | 14:13:20.200 | 20UA4S | 7VENT | 0.611,1.333,7 | ALERT -- Thruster fire | 2O0 | 4 | 0 | 3,902,535:04:0 | |
| 78 | 97 | 97 | 14:13:20.866 | 20UA4T | 7VENT | 0.611,10.989,7 | ALERT -- Thruster fire | 2O0 | 4 | 0 | 3,902,535:05:0 | |
| 79 | 97 | 97 | 14:13:40.866 | 20UA4U | 7VENT | 0.611,1.333,1 | ALERT -- Thruster fire | 2O0 | 4 | 0 | 3,902,535:35:0 | |
| 80 | 97 | 97 | 14:13:41.533 | 20UA4V | 7VENT | 0.611,10.989,1 | ALERT -- Thruster fire | 2O0 | 4 | 0 | 3,902,535:36:0 | |
| 81 | 97 | 97 | 14:14:01.533 | 20UA4AC | 7VENT | 0.611,1.333,2 | ALERT -- Thruster fire | 2O0 | 4 | 0 | 3,902,535:66:0 | |
| 82 | 97 | 97 | 14:14:02.200 | 20UA4AD | 7VENT | 0.611,0.666,3 | ALERT -- Thruster fire | 2O0 | 4 | 0 | 3,902,535:67:0 | |
| 83 | 97 | 97 | 14:14:12.200 | 20UA4AE | 7VENT | 0.611,1.333,2 | ALERT -- Thruster fire | 2O0 | 4 | 0 | 3,902,535:82:0 | |
| 84 | 97 | 97 | 14:14:12.866 | 20UA4AF | 7VENT | 0.611,0.666,3 | ALERT -- Thruster fire | 2O0 | 4 | 0 | 3,902,535:83:0 | |
| 85 | 97 | 97 | 14:14:22.866 | 20UA4W | 7VENT | 1.211,1.333,9 | ALERT -- Thruster fire | 2O0 | 4 | 0 | 3,902,536:07:0 | |
| 86 | 97 | 97 | 14:14:23.533 | 20UA4X | 7VENT | 1.211,0.666,11 | ALERT -- Thruster fire | 2O0 | 4 | 0 | 3,902,536:08:0 | |
| 87 | 97 | 97 | 14:15:20.200 | 20UA4Z | **7MODE** | **CRU** | AACS CRUISE MODE | 2O0 | 4 | 0 | 3,902,537:02:0 | |
| 88 | 97 | 97 | 14:40:29.533 | 432OU431A6A | 6RCDSL | DDSNCG,PLSNCG,EP | Record Deselect (DDS o | 2O0 | 4 | 0 | 3,902,561:82:0 | |
| 89 | 97 | 97 | 14:40:30.200 | 432OU6A | 6RTSL1 | | R/T Select of DDS and | 2O0 | 4 | 0 | 3,902,561:83:0 | |
| 90 | 97 | 97 | 14:41:34.866 | 165BL4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 2O0 | 4 | 0 | 3,902,562:89:0 | |
| 91 | 97 | 97 | 14:41:35.533 | 165BL4B | 7SCAN | NORM,312.23,-17. | Check S/P Position | 2O0 | 4 | 0 | 3,902,562:90:0 | |
| 92 | 97 | 97 | 14:45:40.200 | 20UL4A | **7SAFE** | **STOP** | S/P NO MOVEMENT | 2O0 | 4 | 0 | 3,902,567:02:0 | |
| 93 | 97 | 97 | 14:46:30.200 | 20UL4B | 7SLEW | DIS,POS,0.0 | Stator movement | 2O0 | 4 | 0 | 3,902,567:77:0 | |
| 94 | 97 | 97 | 14:47:40.200 | 176BD6A | 6TMREC | **RPB** | RESUME PLAYBACK (PB CONTROL) Record Mode | 2O0 | 4 | 0 | 3,902,569:00:0 | |
| 95 | 97 | 97 | 15:40:27.533 | 488E6C | 6TMSED | NORM,AH6 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,902,621:19:0 | |
| 96 | 97 | 97 | 15:46:00.200 | 488E6D | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,902,626:63:0 | |
| 97 | 97 | 97 | 17:24:59.533 | 488E6E | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,902,724:54:0 | |
| 98 | 97 | 97 | 20:53:05.533 | 488F6A | 6TMSED | FILL,AL7 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,902,930:37:0 | |
| 99 | 97 | 97 | 21:12:38.866 | 488F6B | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,902,949:68:0 | |
| 100 | 97 | 97 | 22:32:11.533 | 488F6C | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,903,028:38:0 | |
| 101 | 97 | 98 | 01:37:47.533 | 488F6D | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,903,211:89:0 | |
| 102 | 97 | 98 | 02:37:31.533 | 488F6E | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,903,271:05:0 | |
| 103 | 97 | 98 | 03:20:05.533 | 488G6A | 6TMSED | FILL,AL4 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,903,313:14:0 | |
| 104 | 97 | 98 | 03:22:19.533 | 488G6B | 6TMSED | FILL,AL2 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,903,315:33:0 | |
| 105 | 97 | 98 | 03:49:50.200 | 488G6C | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,903,342:52:0 | |
| 106 | 97 | 98 | 04:24:11.533 | 488G6D | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,903,376:50:0 | |
| 107 | 97 | 98 | 04:33:45.533 | 418JB6A | 6BUFLO | 2 | MUB Buffer low water m | 2O0 | 4 | 0 | 3,903,386:01:0 | |
| 108 | 97 | 98 | 04:33:45.533 | 418JB6B | 6BUFHI | 7 | MUB Buffer high water | 2O0 | 4 | 0 | 3,903,386:01:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 109 | 97 | 98 | 04:34:45.533 | 176SF6A | 6TMREC | **PPB** | PAUSE PLAYBACK (PB CONTROL) Record Mode C | 2O0 | 4 | 0 | 3,903,387:00:0 |
| 110 | 97 | 98 | 04:41:20.200 | 20UB4B | **7SAFE** | **UNSTOW** | S/P TO 153 deg cone | 2O0 | 4 | 0 | 3,903,393:46:0 |
| 111 | 97 | 98 | 05:00:20.200 | 20UB4D | **7MODE** | **INT** | AACS INERTIAL MODE | 2O0 | 4 | 0 | 3,903,412:27:0 |
| 112 | 97 | 98 | 05:10:26.200 | 488G6E | 6TMSED | FILL,AL3 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,903,422:26:0 |
| 113 | 97 | 98 | 05:42:30.800 | 488H6A | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,903,454:01:0 |
| 114 | 97 | 98 | 07:41:21.466 | 488H6B | 6TMSED | FILL,AL3 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,903,571:50:0 |
| 115 | 97 | 98 | 07:48:59.466 | 488H6C | 6TMSED | FILL,AL1 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,903,579:09:0 |
| 116 | 97 | 98 | 08:01:04.133 | 20C6A | 6TMSED | NORM,AH1 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,903,591:04:0 |
| 117 | 97 | 98 | 08:10:00.133 | 474AA416A4B | **7MODE** | **INT** | AACS INERTIAL MODE | 2O0 | 4 | 0 | 3,903,599:80:0 |
| 118 | 97 | 98 | 08:12:00.133 | 474AA416A4D | **7SAFE** | **UNSTOW** | S/P TO 153 deg cone | 2O0 | 4 | 0 | 3,903,601:78:0 |
| 119 | 97 | 98 | 08:16:14.133 | 474AA416A4E | 7BURN | .483199,-68.9721 | ALERT -- Thruster fire | 2O0 | 4 | 0 | 3,903,606:04:0 |
| 120 | 97 | 98 | 09:27:34.133 | 474AA416A4L | **7MODE** | **CRU** | AACS CRUISE MODE | 2O0 | 4 | 0 | 3,903,676:54:0 |
| 121 | 97 | 98 | 10:07:00.133 | 20C6B | 6TMSED | FILL,AL1 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,903,715:54:0 |
| 122 | 97 | 98 | 11:31:00.133 | 20C6C | 6TMSED | NORM,AH1 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,903,798:61:0 |
| 123 | 97 | 98 | 17:00:00.133 | 444UB443A4A | **7MODE** | **CRU** | AACS CRUISE MODE | 2O0 | 4 | 0 | 3,904,124:05:0 |
| 124 | 97 | 98 | 17:01:31.466 | 488I6A | 6TMSED | FILL,AL6 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,904,125:51:0 |
| 125 | 97 | 98 | 17:04:02.800 | 488I6B | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,904,128:05:0 |
| 126 | 97 | 98 | 17:09:59.466 | 432OW431A6A | 6RCDSL | DDSNCG,PLSNCG,EP | Record Deselect (DDS o | 2O0 | 4 | 0 | 3,904,133:85:0 |
| 127 | 97 | 98 | 17:10:00.133 | 432OW6A | 6RTSL1 | | R/T Select of DDS and | 2O0 | 4 | 0 | 3,904,133:86:0 |
| 128 | 97 | 98 | 17:10:03.466 | 488I6C | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,904,134:00:0 |
| 129 | 97 | 98 | 17:10:04.133 | 20WC4A | **7SAFE** | **STOP** | S/P NO MOVEMENT | 2O0 | 4 | 0 | 3,904,134:01:0 |
| 130 | 97 | 98 | 17:10:54.133 | 20WC4B | 7SLEW | DIS,POS,0.0 | Stator movement | 2O0 | 4 | 0 | 3,904,134:76:0 |
| 131 | 97 | 98 | 17:11:26.800 | 488I6D | 6TMSED | FILL,AL7 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,904,135:34:0 |
| 132 | 97 | 98 | 17:12:04.800 | 176SG6A | 6TMREC | **RPB** | RESUME PLAYBACK (PB CONTROL) Record Mode | 2O0 | 4 | 0 | 3,904,136:00:0 |
| 133 | 97 | 98 | 17:16:11.466 | 41WB99A | **POWER** | **PWR MODE change** | Change to Calib/Decon Mode | 2O0 | 4 | 0 | 3,904,140:06:0 |
| **134** | **97** | **98** | **17:16:11.466** | **G7NNRCTRLT01-** | | **-----START------** | | **2O0** | **4** | **0** | **: :** |
| **135** | **97** | **98** | **17:16:15.466** | **41WB3G** | **37F2PR** | | **1 Shield Flash Heater OFF (primary relay)** | **2O0** | **4** | **0** | **3,904,140:12:0** |
| **136** | **97** | **98** | **17:16:25.466** | **41WB3H** | **37F2PR** | | **2 Shield Flash Heater OFF (primary relay)** | **2O0** | **4** | **0** | **3,904,140:27:0** |
| **137** | **97** | **98** | **17:16:35.466** | **41WB3I** | **40T1PR** | | **1 PCT Heater 1 OFF (primary relay)** | **2O0** | **4** | **0** | **3,904,140:42:0** |
| **138** | **97** | **98** | **17:16:45.466** | **41WB3J** | **40T1PR** | | **2 PCT Heater 1 OFF (primary relay)** | **2O0** | **4** | **0** | **3,904,140:57:0** |
| **139** | **97** | **98** | **17:16:55.466** | **41WB3K** | **40T2R** | | **1 PCT Heater 2 OFF** | **2O0** | **4** | **0** | **3,904,140:72:0** |
| **140** | **97** | **98** | **17:17:05.466** | **41WB3L** | **40T2R** | | **2 PCT Heater 2 OFF** | **2O0** | **4** | **0** | **3,904,140:87:0** |
| 141 | 97 | 98 | 17:27:14.800 | 176XU6A | 6TMREC | **PPB** | PAUSE PLAYBACK (PB CONTROL) Record Mode C | 2O0 | 4 | 0 | 3,904,151:00:0 |
| 142 | 97 | 98 | 17:30:20.800 | 20XE4A | **7SAFE** | **UNSTOW** | S/P TO 153 deg cone | 2O0 | 4 | 0 | 3,904,154:06:0 |
| 143 | 97 | 98 | 17:34:27.466 | 20UH4A | **7SAFE** | **STOP** | S/P NO MOVEMENT | 2O0 | 4 | 0 | 3,904,158:12:0 |
| 144 | 97 | 98 | 17:35:17.466 | 20UH4B | 7SLEW | DIS,POS,0.0 | Stator movement | 2O0 | 4 | 0 | 3,904,158:87:0 |
| 145 | 97 | 98 | 17:37:21.466 | 176XV6A | 6TMREC | **RPB** | RESUME PLAYBACK (PB CONTROL) Record Mode | 2O0 | 4 | 0 | 3,904,161:00:0 |
| **146** | **97** | **98** | **17:38:22.133** | **185XE10A3A** | **40HRP** | | **1 RCT Heater ON (primary relay)** | **2O0** | **4** | **0** | **3,904,162:00:0** |
| **147** | **97** | **98** | **17:38:27.466** | **185XE10B3A** | **40HRP** | | **2 RCT Heater ON (primary relay)** | **2O0** | **4** | **0** | **3,904,162:08:0** |
| 148 | 97 | 98 | 18:17:59.466 | 488I6E | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,904,201:17:0 |
| 149 | 97 | 98 | 19:32:59.466 | 488J6A | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,904,275:33:0 |
| 150 | 97 | 99 | 01:33:31.466 | 488K6A | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,904,631:85:0 |
| 151 | 97 | 99 | 02:33:15.466 | 488K6B | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,904,691:01:0 |
| 152 | 97 | 99 | 03:14:46.133 | 488K6C | 6TMSED | FILL,AL4 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,904,732:06:0 |
| 153 | 97 | 99 | 03:18:03.466 | 488K6D | 6TMSED | FILL,AL3 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,904,735:29:0 |
| 154 | 97 | 99 | 04:30:55.466 | 488K6E | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,904,807:35:0 |
| 155 | 97 | 99 | 05:00:21.466 | 488L6A | 6TMSED | FILL,AL3 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,904,836:45:0 |
| 156 | 97 | 99 | 05:32:25.466 | 488L6B | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 2O0 | 4 | 0 | 3,904,868:19:0 |
| 157 | 97 | 99 | 05:33:08.800 | 125XE | NIMSINIT | GS | ##### GROUP START INIT | 2O0 | 4 | 0 | 3,904,868:84:0 |
| **158** | **97** | **99** | **05:33:08.800** | **125XE4A** | **37IST** | **1,0,0,OFF,0,0,0** | **Chopper ON, Sync, 63Hz (Ref)** | **260** | **4** | **0** | **3,904,868:84:0** |
| **159** | **97** | **99** | **05:34:09.466** | **125XE4B** | **37IST** | **1,2,0,OFF,0,0,0** | **Chopper ON, Sync, Chopper (Ref)** | **2R0** | **4** | **0** | **3,904,869:84:0** |
| **160** | **97** | **99** | **05:35:10.133** | **125XE4C** | **37IST** | **0,2,0,OFF,0,1,3** | **Gain State 1** | **1R0** | **4** | **0** | **3,904,870:84:0** |
| 161 | 97 | 99 | 05:36:10.800 | 125XE11A | NIMSINIT | GE | ##### GROUP END INIT | 1R0 | 4 | 0 | 3,904,871:84:0 |
| **162** | **97** | **99** | **05:36:10.800** | **125XE4D** | **37MB** | **1B,1B,0,0,0,0** | **Selects mirror (spatial) edit table** | **1R0** | **4** | **0** | **3,904,871:84:0** |
| 163 | 97 | 99 | 05:38:12.133 | 127XE | NIMSTAB | GS | %%%%% GROUP START TAB | 1R0 | 4 | 0 | 3,904,873:84:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **164** | **97** | **99** | **05:38:12.133** | **127XE4A** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **1R3** | **4** | **0** | **3,904,873:84:0** | |
| **165** | **97** | **99** | **05:38:12.800** | **127XE4B** | **37ETB** | **0A,CA,18,03,FF,1** | **Loads wavelength edit table** | **1R3** | **4** | **0** | **3,904,873:85:0** | |
| 166 | 97 | 99 | 05:38:20.800 | 127XE11A | NIMSTAB | GE | %%%%% GROUP END TAB | 1R3 | 4 | 0 | 3,904,874:06:0 | |
| 167 | 97 | 99 | 05:42:19.466 | 176XE6A | 6TMREC | **PPB** | PAUSE PLAYBACK (PB CONTROL) Record Mode C | 1R3 | 4 | 0 | 3,904,878:00:0 | |
| 168 | 97 | 99 | 05:44:27.466 | 20UQ4A | 7SCAN | NORM,308.2,-19.4 | Check S/P Position | 1R3 | 4 | 0 | 3,904,880:10:0 | |
| 169 | 97 | 99 | 05:45:00.133 | 418JC6A | 6BUFLO | 2 | MUB Buffer low water m | 1R3 | 4 | 0 | 3,904,880:59:0 | |
| 170 | 97 | 99 | 05:45:00.133 | 418JC6B | 6BUFHI | 10 | MUB Buffer high water | 1R3 | 4 | 0 | 3,904,880:59:0 | |
| 171 | 97 | 99 | 05:48:23.466 | 192XE4A | **7CONE** | **17.0,119.7** | Check S/P Position | 1R3 | 4 | 0 | 3,904,884:00:0 | |
| **172** | **97** | **99** | **05:50:44.800** | **432XE6A** | **6RTSL2** | **NIMSEL,AACNCG,RT** | **NIMS R/T SELECT** | **1R3** | **4** | **0** | **3,904,886:30:0** | |
| **173** | **97** | **99** | **05:51:44.133** | **432XF6A** | **6RTDS2** | **NIMDSL,AACNCG,RT** | **NIMS R/T DESELECT** | **1R3** | **4** | **0** | **3,904,887:28:0** | |
| 174 | 97 | 99 | 05:54:27.466 | 192XE4B | **7CONE** | **17.0,0.0** | Check S/P Position | 1R3 | 4 | 0 | 3,904,890:00:0 | |
| **175** | **97** | **99** | **05:56:48.800** | **432XU6A** | **6RTSL2** | **NIMSEL,AACNCG,RT** | **NIMS R/T SELECT** | **1R3** | **4** | **0** | **3,904,892:30:0** | |
| **176** | **97** | **99** | **05:58:48.800** | **432XV6A** | **6RTDS2** | **NIMDSL,AACNCG,RT** | **NIMS R/T DESELECT** | **1R3** | **4** | **0** | **3,904,894:28:0** | |
| 177 | 97 | 99 | 06:00:31.466 | 192XE4C | **7CONE** | **17.0,119.7** | Check S/P Position | 1R3 | 4 | 0 | 3,904,896:00:0 | |
| **178** | **97** | **99** | **06:02:32.800** | **185XE10C3A** | **40HRPR** | **1** | **RCT Heater OFF (primary relay)** | **1R3** | **4** | **0** | **3,904,898:00:0** | |
| **179** | **97** | **99** | **06:02:38.133** | **185XE10D3A** | **40HRPR** | **2** | **RCT Heater OFF (primary relay)** | **1R3** | **4** | **0** | **3,904,898:08:0** | |
| **180** | **97** | **99** | **06:02:52.800** | **432XW6A** | **6RTSL2** | **NIMSEL,AACNCG,RT** | **NIMS R/T SELECT** | **1R3** | **4** | **0** | **3,904,898:30:0** | |
| **181** | **97** | **99** | **06:03:52.133** | **432XY6A** | **6RTDS2** | **NIMDSL,AACNCG,RT** | **NIMS R/T DESELECT** | **1R3** | **4** | **0** | **3,904,899:28:0** | |
| 182 | 97 | 99 | 06:06:35.466 | 192XE4D | **7CONE** | **17.0,153.0** | Check S/P Position | 1R3 | 4 | 0 | 3,904,902:00:0 | |
| 183 | 97 | 99 | 06:07:31.466 | 127XF | NIMSTAB | GS | %%%%% GROUP START TAB | 1R3 | 4 | 0 | 3,904,902:84:0 | |
| **184** | **97** | **99** | **06:07:31.466** | **127XF4A** | **37IOP** | **0,0** | **Safe, Grating Start Position =00** | **1R0** | **4** | **0** | **3,904,902:84:0** | |
| **185** | **97** | **99** | **06:07:32.133** | **127XF4B** | **37ETB** | **04,C4,02,00,00** | **Loads wavelength edit table** | **1R0** | **4** | **0** | **3,904,902:85:0** | |
| 186 | 97 | 99 | 06:07:40.133 | 127XF11A | NIMSTAB | GE | %%%%% GROUP END TAB | 1R0 | 4 | 0 | 3,904,903:06:0 | |
| **187** | **97** | **99** | **06:10:33.466** | **125XF4A** | **37MB** | **0,0,0,0,0,0** | **Selects mirror (spatial) edit table** | **1R0** | **4** | **0** | **3,904,905:84:0** | |
| 188 | 97 | 99 | 06:10:33.466 | 125XF | NIMSINIT | GS | ##### GROUP START INIT | 1R0 | 4 | 0 | 3,904,905:84:0 | |
| **189** | **97** | **99** | **06:11:34.133** | **125XF4B** | **37IST** | **1,0,0,OFF,0,0,0** | **Chopper ON, Sync, 63Hz (Ref)** | **160** | **4** | **0** | **3,904,906:84:0** | |
| **190** | **97** | **99** | **06:12:34.800** | **125XF4C** | **37IST** | **1,1,0,OFF,0,0,0** | **Chopper OFF, N/A, 63Hz (Ref)** | **1O0** | **4** | **0** | **3,904,907:84:0** | |
| 191 | 97 | 99 | 06:12:34.800 | 125XF11A | NIMSINIT | GE | ##### GROUP END INIT | 1O0 | 4 | 0 | 3,904,907:84:0 | |
| 192 | 97 | 99 | 06:18:47.466 | 41WC99A | **POWER** | **PWR MODE change** | Change to Maneuver/Playback Mode | 1O0 | 4 | 0 | 3,904,914:06:0 | |
| **193** | **97** | **99** | **06:18:51.466** | **41WC3K** | **37F2PR** | **1** | **Shield Flash Heater OFF (primary relay)** | **1O0** | **4** | **0** | **3,904,914:12:0** | |
| **194** | **97** | **99** | **06:19:01.466** | **41WC3L** | **37F2PR** | **2** | **Shield Flash Heater OFF (primary relay)** | **1O0** | **4** | **0** | **3,904,914:27:0** | |
| **195** | **97** | **99** | **06:21:11.466** | **41WC3G** | **40T1P** | **1** | **PCT Heater 1 ON (primary relay)** | **1O0** | **4** | **0** | **3,904,916:40:0** | |
| **196** | **97** | **99** | **06:21:21.466** | **41WC3H** | **40T1P** | **2** | **PCT Heater 1 ON (primary relay)** | **1O0** | **4** | **0** | **3,904,916:55:0** | |
| **197** | **97** | **99** | **06:21:31.466** | **41WC3I** | **40T2** | **1** | **PCT Heater 2 ON** | **1O0** | **4** | **0** | **3,904,916:70:0** | |
| **198** | **97** | **99** | **06:21:41.466** | **41WC3J** | **40T2** | **2** | **PCT Heater 2 ON** | **1O0** | **4** | **0** | **3,904,916:85:0** | |
| **199** | **97** | **99** | **06:31:56.132** | **G7NNRCTRLT01-** | | **-----STOP-------** | | **1O0** | **4** | **0** | **: :** | |
| 200 | 97 | 99 | 06:34:52.800 | 165BM4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 1O0 | 4 | 0 | 3,904,929:89:0 | |
| 201 | 97 | 99 | 06:34:53.466 | 165BM4B | 7SCAN | NORM,312.23,-17. | Check S/P Position | 1O0 | 4 | 0 | 3,904,929:90:0 | |
| 202 | 97 | 99 | 06:38:58.133 | 20UM4A | **7SAFE** | **STOP** | S/P NO MOVEMENT | 1O0 | 4 | 0 | 3,904,934:02:0 | |
| 203 | 97 | 99 | 06:39:26.800 | 432BB6A | 6RTSL1 | | R/T Select of DDS and | 1O0 | 4 | 0 | 3,904,934:45:0 | |
| 204 | 97 | 99 | 06:39:48.133 | 20UM4B | 7SLEW | DIS,POS,0.0 | Stator movement | 1O0 | 4 | 0 | 3,904,934:77:0 | |
| 205 | 97 | 99 | 06:40:58.133 | 176BF6A | 6TMREC | **RPB** | RESUME PLAYBACK (PB CONTROL) Record Mode | 1O0 | 4 | 0 | 3,904,936:00:0 | |
| 206 | 97 | 99 | 10:33:15.466 | 488L6C | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,905,165:67:0 | |
| 207 | 97 | 99 | 11:00:59.466 | 488M6A | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,905,193:15:0 | |
| 208 | 97 | 99 | 11:30:51.400 | 488M6B | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,905,222:64:0 | |
| 209 | 97 | 99 | 12:17:24.066 | 488M6C | 6TMSED | FILL,AL4 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,905,268:67:0 | |
| 210 | 97 | 99 | 12:46:03.400 | 488M6D | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,905,297:07:0 | |
| 211 | 97 | 99 | 15:36:11.400 | 488M6E | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,905,465:31:0 | |
| 212 | 97 | 99 | 17:14:19.400 | 488N6A | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,905,562:36:0 | |
| 213 | 97 | 99 | 19:32:59.400 | 488N6B | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,905,699:49:0 | |
| 214 | 97 | 100 | 01:33:31.400 | 488O6A | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,906,056:10:0 | |
| 215 | 97 | 100 | 02:26:51.400 | 488O6B | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,906,108:78:0 | |
| 216 | 97 | 100 | 03:11:39.400 | 488O6C | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,906,153:15:0 | |
| 217 | 97 | 100 | 03:45:47.400 | 488O6D | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,906,186:84:0 | |
| 218 | 97 | 100 | 04:49:47.400 | 488O6E | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,906,250:20:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 219 | 97 | 100 | 10:11:55.400 | 488P6A | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,906,568:74:0 | |
| 220 | 97 | 100 | 10:26:51.400 | 488P6B | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,906,583:53:0 | |
| 221 | 97 | 100 | 10:54:35.400 | 488P6C | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,906,611:01:0 | |
| 222 | 97 | 100 | 11:30:51.400 | 488P6D | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,906,646:80:0 | |
| 223 | 97 | 100 | 15:29:47.400 | 488P6E | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,906,883:17:0 | |
| 224 | 97 | 100 | 17:16:27.400 | 488Q6A | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,906,988:62:0 | |
| 225 | 97 | 100 | 19:32:59.333 | 488Q6B | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,907,123:65:0 | |
| 226 | 97 | 101 | 01:27:07.333 | 488R6A | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,907,473:87:0 | |
| 227 | 97 | 101 | 02:22:35.333 | 488R6B | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,907,528:74:0 | |
| 228 | 97 | 101 | 03:11:39.333 | 488R6C | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,907,577:31:0 | |
| 229 | 97 | 101 | 03:45:47.333 | 488R6D | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,907,611:09:0 | |
| 230 | 97 | 101 | 04:49:47.333 | 488R6E | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,907,674:36:0 | |
| 231 | 97 | 101 | 10:07:39.333 | 488S6A | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,907,988:70:0 | |
| 232 | 97 | 101 | 10:33:15.333 | 488S6B | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,908,014:08:0 | |
| 233 | 97 | 101 | 11:09:31.333 | 488S6C | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,908,049:87:0 | |
| 234 | 97 | 101 | 12:10:07.333 | 488S6D | 6TMSED | FILL,AL3 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,908,109:81:0 | |
| 235 | 97 | 101 | 12:42:11.333 | 488S6E | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,908,141:55:0 | |
| 236 | 97 | 101 | 13:00:27.333 | 488T6A | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,908,159:61:0 | |
| 237 | 97 | 101 | 15:29:47.333 | 488T6B | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,908,307:33:0 | |
| 238 | 97 | 101 | 17:10:03.333 | 488T6C | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,908,406:48:0 | |
| 239 | 97 | 101 | 19:28:43.333 | 488U6A | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,908,543:61:0 | |
| 240 | 97 | 101 | 20:41:19.333 | 488U6B | 6TMSED | FILL,AL6 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,908,615:43:0 | |
| 241 | 97 | 101 | 21:03:09.333 | 488U6C | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,908,637:06:0 | |
| 242 | 97 | 102 | 01:22:51.266 | 488U6D | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,908,893:83:0 | |
| 243 | 97 | 102 | 02:18:19.266 | 488V6A | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,908,948:70:0 | |
| 244 | 97 | 102 | 03:07:23.266 | 488V6B | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,908,997:27:0 | |
| 245 | 97 | 102 | 03:41:31.266 | 488V6C | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,909,031:05:0 | |
| 246 | 97 | 102 | 04:49:47.266 | 488V6D | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,909,098:52:0 | |
| 247 | 97 | 102 | 10:03:23.266 | 488W6A | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,909,408:66:0 | |
| 248 | 97 | 102 | 10:22:35.266 | 488W6B | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,909,427:65:0 | |
| 249 | 97 | 102 | 10:52:27.266 | 488W6C | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,909,457:23:0 | |
| 250 | 97 | 102 | 11:26:35.266 | 488W6D | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,909,491:01:0 | |
| 251 | 97 | 102 | 15:25:31.266 | 488W6E | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,909,727:29:0 | |
| 252 | 97 | 102 | 17:10:03.266 | 488X6A | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,909,830:64:0 | |
| 253 | 97 | 102 | 19:28:43.266 | 488X6B | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,909,967:77:0 | |
| 254 | 97 | 103 | 01:22:51.266 | 488Y6A | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,910,318:08:0 | |
| 255 | 97 | 103 | 02:11:55.266 | 488Y6B | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,910,366:56:0 | |
| 256 | 97 | 103 | 03:07:23.266 | 488Y6C | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,910,421:43:0 | |
| 257 | 97 | 103 | 03:41:31.266 | 488Y6D | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,910,455:21:0 | |
| 258 | 97 | 103 | 04:49:47.266 | 488Y6E | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,910,522:68:0 | |
| 259 | 97 | 103 | 09:56:59.200 | 488Z6A | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,910,826:52:0 | |
| 260 | 97 | 103 | 10:18:19.200 | 488Z6B | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,910,847:61:0 | |
| 261 | 97 | 103 | 10:46:03.200 | 488Z6C | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,910,875:09:0 | |
| 262 | 97 | 103 | 11:26:35.200 | 488Z6D | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,910,915:17:0 | |
| 263 | 97 | 103 | 15:25:31.200 | 488Z6E | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,911,151:45:0 | |
| 264 | 97 | 103 | 17:05:47.200 | 488AA6A | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,911,250:60:0 | |
| 265 | 97 | 103 | 19:22:19.200 | 488AA6B | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,911,385:63:0 | |
| 266 | 97 | 103 | 20:49:39.200 | 41WD99A | **POWER** | **PWR MODE change** | Change to Data Taking Mode | 1O0 | 4 | 0 | 3,911,472:06:0 | |
| **267** | **97** | **103** | **20:49:39.200** | **G7NNPCTRLT01-** | | **-----START------** | | **1O0** | **4** | **0** | **: :** | |
| **268** | **97** | **103** | **20:49:43.200** | **41WD3K** | **37F2PR** | **1** | **Shield Flash Heater OFF (primary relay)** | **1O0** | **4** | **0** | **3,911,472:12:0** | |
| **269** | **97** | **103** | **20:49:53.200** | **41WD3L** | **37F2PR** | **2** | **Shield Flash Heater OFF (primary relay)** | **1O0** | **4** | **0** | **3,911,472:27:0** | |
| **270** | **97** | **103** | **20:50:03.200** | **41WD3A** | **40T1PR** | **1** | **PCT Heater 1 OFF (primary relay)** | **1O0** | **4** | **0** | **3,911,472:42:0** | |
| **271** | **97** | **103** | **20:50:13.200** | **41WD3B** | **40T1PR** | **2** | **PCT Heater 1 OFF (primary relay)** | **1O0** | **4** | **0** | **3,911,472:57:0** | |
| **272** | **97** | **103** | **20:50:23.200** | **41WD3C** | **40T2R** | **1** | **PCT Heater 2 OFF** | **1O0** | **4** | **0** | **3,911,472:72:0** | |
| **273** | **97** | **103** | **20:50:33.200** | **41WD3D** | **40T2R** | **2** | **PCT Heater 2 OFF** | **1O0** | **4** | **0** | **3,911,472:87:0** | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 274 | 97 | 104 | 00:52:59.866 | 418JD6A | 6BUFLO | | 2 | MUB Buffer low water m | 1O0 | 4 | 0 | 3,911,712:67:0 | |
| 275 | 97 | 104 | 00:52:59.866 | 418JD6B | 6BUFHI | | 7 | MUB Buffer high water | 1O0 | 4 | 0 | 3,911,712:67:0 | |
| 276 | 97 | 104 | 01:18:35.200 | 488AB6A | 6TMSED | NORM,AL5 | | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,911,738:04:0 | |
| 277 | 97 | 104 | 02:07:39.200 | 488AB6B | 6TMSED | NORM,AL4 | | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,911,786:52:0 | |
| 278 | 97 | 104 | 02:53:35.200 | 176FA6A | 6TMREC | **PPB** | | PAUSE PLAYBACK (PB CONTROL) Record Mode C | 1O0 | 4 | 0 | 3,911,832:00:0 | |
| 279 | 97 | 104 | 02:56:43.866 | 444UC443A4A | **7SAFE** | **UNSTOW** | | S/P TO 153 deg cone | 1O0 | 4 | 0 | 3,911,835:10:0 | |
| 280 | 97 | 104 | 02:58:17.200 | 488AB6C | 6TMSED | FILL,AL4 | | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,911,836:59:0 | |
| 281 | 97 | 104 | 03:00:43.866 | 444UC443A4B | **7MODE** | **SPNL** | | AACS ALL-SPIN LOW | 1O0 | 4 | 0 | 3,911,839:06:0 | |
| 282 | 97 | 104 | 03:03:07.200 | 488AB6D | 6TMSED | FILL,AL2 | | Sci, Eng, and D/L Chan | 1O0 | 4 | 0 | 3,911,841:39:0 | |
| 283 | 97 | 104 | 03:09:43.866 | 444UC443A4C | **7CLK** | **17.45,0.0** | | Check S/P Position | 1O0 | 4 | 0 | 3,911,847:88:0 | |
| **284** | **97** | **104** | **03:12:43.200** | **125FT4A** | **37IST** | **1,0,0,OFF,0,0,0** | | **Chopper ON, Sync, 63Hz (Ref)** | **160** | **4** | **0** | **3,911,850:84:0** | |
| 285 | 97 | 104 | 03:12:43.200 | 125FT | NIMSINIT | GS | | ##### GROUP START INIT | 160 | 4 | 0 | 3,911,850:84:0 | |
| **286** | **97** | **104** | **03:13:43.866** | **125FT4B** | **37IST** | **1,2,0,OFF,0,1,1** | | **Chopper ON, Sync, Chopper (Ref)Gain State** | **4R0** | **4** | **0** | **3,911,851:84:0** | |
| **287** | **97** | **104** | **03:14:44.533** | **125FT4C** | **37MB** | **1B,1B,0,0,0,0** | | **Selects mirror (spatial) edit table** | **4R0** | **4** | **0** | **3,911,852:84:0** | |
| 288 | 97 | 104 | 03:14:44.533 | 125FT11A | NIMSINIT | GE | | ##### GROUP END INIT | 4R0 | 4 | 0 | 3,911,852:84:0 | |
| 289 | 97 | 104 | 03:17:46.533 | 127FT | NIMSTAB | GS | | %%%%% GROUP START TAB | 4R0 | 4 | 0 | 3,911,855:84:0 | |
| **290** | **97** | **104** | **03:17:46.533** | **127FT4A** | **37IOP** | **3,0** | | **Long Map, Grating Start Position =00** | **4R3** | **4** | **0** | **3,911,855:84:0** | |
| **291** | **97** | **104** | **03:17:47.200** | **127FT4B** | **37ETB** | **0A,CA,19,FF,C0,1** | | **Loads wavelength edit table** | **4R3** | **4** | **0** | **3,911,855:85:0** | |
| 292 | 97 | 104 | 03:17:55.200 | 127FT11A | NIMSTAB | GE | | %%%%% GROUP END TAB | 4R3 | 4 | 0 | 3,911,856:06:0 | |
| **293** | **97** | **104** | **03:18:11.200** | **432EA6A** | **6RTSL2** | **NIMSEL,AACNCG,RT** | | **NIMS R/T SELECT** | **4R3** | **4** | **0** | **3,911,856:30:0** | |
| **294** | **97** | **104** | **03:20:11.200** | **432EB6A** | **6RTDS2** | **NIMDSL,AACNCG,RT** | | **NIMS R/T DESELECT** | **4R3** | **4** | **0** | **3,911,858:28:0** | |
| 295 | 97 | 104 | 03:20:53.200 | 192EQ4A | **7CONE** | **17.0,54.88** | | Check S/P Position | 4R3 | 4 | 0 | 3,911,859:00:0 | |
| 296 | 97 | 104 | 03:20:53.866 | 192EQ4B | **7CLK** | **17.0,244.07** | | Check S/P Position | 4R3 | 4 | 0 | 3,911,859:01:0 | |
| **297** | **97** | **104** | **03:24:15.200** | **432EC6A** | **6RTSL2** | **NIMSEL,AACNCG,RT** | | **NIMS R/T SELECT** | **4R3** | **4** | **0** | **3,911,862:30:0** | |
| 298 | 97 | 104 | 03:25:25.866 | 488AB6E | 6TMSED | NORM,AL2 | | Sci, Eng, and D/L Chan | 4R3 | 4 | 0 | 3,911,863:45:0 | |
| **299** | **97** | **104** | **03:34:20.533** | **432ED6A** | **6RTDS2** | **NIMDSL,AACNCG,RT** | | **NIMS R/T DESELECT** | **4R3** | **4** | **0** | **3,911,872:28:0** | |
| **300** | **97** | **104** | **03:34:57.866** | **127FU4A** | **37IOP** | **0,0** | | **Safe, Grating Start Position =00** | **4R0** | **4** | **0** | **3,911,872:84:0** | |
| 301 | 97 | 104 | 03:34:57.866 | 127FU | NIMSTAB | GS | | %%%%% GROUP START TAB | 4R0 | 4 | 0 | 3,911,872:84:0 | |
| **302** | **97** | **104** | **03:34:58.533** | **127FU4B** | **37ETB** | **04,C4,02,00,00** | | **Loads wavelength edit table** | **4R0** | **4** | **0** | **3,911,872:85:0** | |
| 303 | 97 | 104 | 03:35:06.533 | 20FH4A | **7SAFE** | **UNSTOW** | | S/P TO 153 deg cone | 4R0 | 4 | 0 | 3,911,873:06:0 | |
| 304 | 97 | 104 | 03:35:06.533 | 127FU11A | NIMSTAB | GE | | %%%%% GROUP END TAB | 4R0 | 4 | 0 | 3,911,873:06:0 | |
| 305 | 97 | 104 | 03:36:59.200 | 125FV | NIMSINIT | GS | | ##### GROUP START INIT | 4R0 | 4 | 0 | 3,911,874:84:0 | |
| **306** | **97** | **104** | **03:36:59.200** | **125FV4A** | **37IST** | **1,0,0,OFF,0,0,0** | | **Chopper ON, Sync, 63Hz (Ref)** | **460** | **4** | **0** | **3,911,874:84:0** | |
| **307** | **97** | **104** | **03:37:59.866** | **125FV4B** | **37IST** | **1,1,0,OFF,0,0,0** | | **Chopper OFF, N/A, 63Hz (Ref)** | **4O0** | **4** | **0** | **3,911,875:84:0** | |
| 308 | 97 | 104 | 03:39:00.533 | 125FV11A | NIMSINIT | GE | | ##### GROUP END INIT | 4O0 | 4 | 0 | 3,911,876:84:0 | |
| **309** | **97** | **104** | **03:39:00.533** | **125FV4C** | **37MB** | **0,0,0,0,0,0** | | **Selects mirror (spatial) edit table** | **4O0** | **4** | **0** | **3,911,876:84:0** | |
| 310 | 97 | 104 | 03:40:12.533 | 444UD443A4A | **7SAFE** | **UNSTOW** | | S/P TO 153 deg cone | 4O0 | 4 | 0 | 3,911,878:10:0 | |
| 311 | 97 | 104 | 03:44:12.533 | 444UD443A4B | **7MODE** | **CRU** | | AACS CRUISE MODE | 4O0 | 4 | 0 | 3,911,882:06:0 | |
| 312 | 97 | 104 | 03:59:59.200 | 432OQ431A6A | 6RCDSL | DDSNCG,PLSNCG,EP | | Record Deselect (DDS o | 4O0 | 4 | 0 | 3,911,897:61:0 | |
| 313 | 97 | 104 | 03:59:59.866 | 432OQ6A | 6RTSL1 | | | R/T Select of DDS and | 4O0 | 4 | 0 | 3,911,897:62:0 | |
| 314 | 97 | 104 | 04:04:25.866 | 41WE99A | **POWER** | **PWR MODE change** | | Change to Maneuver/Playback Mode | 4O0 | 4 | 0 | 3,911,902:06:0 | |
| **315** | **97** | **104** | **04:04:29.866** | **41WE3K** | **37F2PR** | | **1** | **Shield Flash Heater OFF (primary relay)** | **4O0** | **4** | **0** | **3,911,902:12:0** | |
| **316** | **97** | **104** | **04:04:39.866** | **41WE3L** | **37F2PR** | | **2** | **Shield Flash Heater OFF (primary relay)** | **4O0** | **4** | **0** | **3,911,902:27:0** | |
| **317** | **97** | **104** | **04:06:49.866** | **41WE3G** | **40T1P** | | **1** | **PCT Heater 1 ON (primary relay)** | **4O0** | **4** | **0** | **3,911,904:40:0** | |
| **318** | **97** | **104** | **04:06:59.866** | **41WE3H** | **40T1P** | | **2** | **PCT Heater 1 ON (primary relay)** | **4O0** | **4** | **0** | **3,911,904:55:0** | |
| **319** | **97** | **104** | **04:07:09.866** | **41WE3I** | **40T2** | | **1** | **PCT Heater 2 ON** | **4O0** | **4** | **0** | **3,911,904:70:0** | |
| **320** | **97** | **104** | **04:07:19.866** | **41WE3J** | **40T2** | | **2** | **PCT Heater 2 ON** | **4O0** | **4** | **0** | **3,911,904:85:0** | |
| **321** | **97** | **104** | **04:08:28.533** | **G7NNPCTRLT01-** | | **-----STOP-------** | | | **4O0** | **4** | **0** | **: :** | |
| 322 | 97 | 104 | 04:15:39.200 | 488AC6A | 6TMSED | NORM,AL3 | | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,911,913:15:0 | |
| 323 | 97 | 104 | 04:18:29.866 | 165BS4A | 7TMOT | DIS,TMC | | Disable IVP - Target Motion | 4O0 | 4 | 0 | 3,911,915:89:0 | |
| 324 | 97 | 104 | 04:18:30.533 | 165BS4B | 7SCAN | NORM,312.23,-17. | | Check S/P Position | 4O0 | 4 | 0 | 3,911,915:90:0 | |
| 325 | 97 | 104 | 04:22:35.200 | 20UJ4A | **7SAFE** | **STOP** | | S/P NO MOVEMENT | 4O0 | 4 | 0 | 3,911,920:02:0 | |
| 326 | 97 | 104 | 04:23:25.200 | 20UJ4B | 7SLEW | DIS,POS,0.0 | | Stator movement | 4O0 | 4 | 0 | 3,911,920:77:0 | |
| 327 | 97 | 104 | 04:24:35.200 | 176BE6A | 6TMREC | **RPB** | | RESUME PLAYBACK (PB CONTROL) Record Mode | 4O0 | 4 | 0 | 3,911,922:00:0 | |
| 328 | 97 | 104 | 04:44:50.533 | 488AC6B | 6TMSED | FILL,AL3 | | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,911,942:03:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 329 | 97 | 104 | 05:16:54.533 | 488AC6C | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,911,973 | 68:0 |
| 330 | 97 | 104 | 10:14:03.200 | 488AC6D | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,912,267 | 57:0 |
| 331 | 97 | 104 | 10:35:23.200 | 488AD6A | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,912,288 | 66:0 |
| 332 | 97 | 104 | 11:20:11.200 | 488AD6B | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,912,333 | 03:0 |
| 333 | 97 | 104 | 11:56:53.133 | 488AD6C | 6TMSED | FILL,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,912,369 | 30:0 |
| 334 | 97 | 104 | 12:25:32.466 | 488AD6D | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,912,397 | 61:0 |
| 335 | 97 | 104 | 12:35:19.133 | 418JE6A | 6BUFLO | 2 | MUB Buffer low water m | 4O0 | 4 | 0 | 3,912,407 | 31:0 |
| 336 | 97 | 104 | 12:35:19.133 | 418JE6B | 6BUFHI | 10 | MUB Buffer high water | 4O0 | 4 | 0 | 3,912,407 | 31:0 |
| 337 | 97 | 104 | 15:21:15.133 | 488AD6E | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,912,571 | 41:0 |
| 338 | 97 | 104 | 17:01:31.133 | 488AE6A | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,912,670 | 56:0 |
| 339 | 97 | 104 | 19:18:03.133 | 488AE6B | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,912,805 | 59:0 |
| 340 | 97 | 105 | 01:12:11.133 | 488AF6A | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,913,155 | 81:0 |
| 341 | 97 | 105 | 02:07:39.133 | 488AF6B | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,913,210 | 68:0 |
| 342 | 97 | 105 | 02:58:51.133 | 488AF6C | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,913,261 | 35:0 |
| 343 | 97 | 105 | 03:30:51.133 | 488AF6D | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,913,293 | 03:0 |
| 344 | 97 | 105 | 04:41:15.133 | 488AF6E | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,913,362 | 60:0 |
| 345 | 97 | 105 | 09:52:43.133 | 488AG6A | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,913,670 | 64:0 |
| 346 | 97 | 105 | 10:14:03.133 | 488AG6B | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,913,691 | 73:0 |
| 347 | 97 | 105 | 10:43:55.133 | 488AG6C | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,913,721 | 31:0 |
| 348 | 97 | 105 | 11:15:55.133 | 488AG6D | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,913,752 | 90:0 |
| 349 | 97 | 105 | 15:21:15.133 | 488AG6E | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,913,995 | 57:0 |
| 350 | 97 | 105 | 17:01:31.133 | 488AH6A | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,914,094 | 72:0 |
| 351 | 97 | 105 | 19:13:47.066 | 488AH6B | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,914,225 | 55:0 |
| 352 | 97 | 106 | 01:12:11.066 | 488AI6A | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,914,580 | 06:0 |
| 353 | 97 | 106 | 02:03:23.066 | 488AI6B | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,914,630 | 64:0 |
| 354 | 97 | 106 | 02:58:51.066 | 488AI6C | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,914,685 | 51:0 |
| 355 | 97 | 106 | 03:28:43.066 | 488AI6D | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,914,715 | 09:0 |
| 356 | 97 | 106 | 04:30:35.066 | 488AI6E | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,914,776 | 26:0 |
| 357 | 97 | 106 | 09:59:07.066 | 488AJ6A | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,915,101 | 19:0 |
| 358 | 97 | 106 | 10:14:03.066 | 488AJ6B | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,915,115 | 89:0 |
| 359 | 97 | 106 | 10:56:43.066 | 488AJ6C | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,915,158 | 16:0 |
| 360 | 97 | 106 | 11:49:34.400 | 488AJ6D | 6TMSED | FILL,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,915,210 | 41:0 |
| 361 | 97 | 106 | 12:21:38.400 | 488AJ6E | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,915,242 | 15:0 |
| 362 | 97 | 106 | 12:30:35.066 | 488AK6A | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,915,251 | 01:0 |
| 363 | 97 | 106 | 15:16:59.066 | 488AK6B | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,915,415 | 53:0 |
| 364 | 97 | 106 | 16:55:07.066 | 488AK6C | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,915,512 | 58:0 |
| 365 | 97 | 106 | 19:13:47.066 | 488AL6A | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,915,649 | 71:0 |
| 366 | 97 | 106 | 20:25:46.400 | 488AL6B | 6TMSED | FILL,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,915,720 | 89:0 |
| 367 | 97 | 106 | 20:47:36.400 | 488AL6C | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,915,742 | 52:0 |
| 368 | 97 | 107 | 01:07:55.000 | 488AL6D | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,916,000 | 02:0 |
| 369 | 97 | 107 | 02:03:23.000 | 488AM6A | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,916,054 | 80:0 |
| 370 | 97 | 107 | 02:52:27.000 | 488AM6B | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,916,103 | 37:0 |
| 371 | 97 | 107 | 03:22:19.000 | 488AM6C | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,916,132 | 86:0 |
| 372 | 97 | 107 | 04:26:19.000 | 488AM6D | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,916,196 | 22:0 |
| 373 | 97 | 107 | 08:45:55.000 | 488AN6A | 6TMSED | FILL,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,916,452 | 90:0 |
| 374 | 97 | 107 | 08:52:59.000 | 488AN6B | 6TMSED | FILL,AL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,916,459 | 89:0 |
| 375 | 97 | 107 | 10:20:49.000 | 488AN6C | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,916,546 | 77:0 |
| 376 | 97 | 107 | 10:26:51.000 | 488AN6D | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,916,552 | 74:0 |
| 377 | 97 | 107 | 11:00:59.000 | 488AN6E | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,916,586 | 52:0 |
| 378 | 97 | 107 | 15:16:59.000 | 488AO6A | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,916,839 | 69:0 |
| 379 | 97 | 107 | 16:23:07.000 | 488AO6B | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,916,905 | 15:0 |
| 380 | 97 | 107 | 16:57:15.000 | 488AO6C | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,916,938 | 84:0 |
| 381 | 97 | 107 | 20:05:39.000 | 418JF6A | 6BUFLO | 2 | MUB Buffer low water m | 4O0 | 4 | 0 | 3,917,125 | 23:0 |
| 382 | 97 | 107 | 20:05:39.000 | 418JF6B | 6BUFHI | 4 | MUB Buffer high water | 4O0 | 4 | 0 | 3,917,125 | 23:0 |
| 383 | 97 | 107 | 21:25:16.333 | 176JA6A | 6TMREC | **PPB** | PAUSE PLAYBACK (PB CONTROL) Record Mode C | 4O0 | 4 | 0 | 3,917,204 | 00:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 384 | 97 | 107 | 21:50:13.666 | 488AP6A | 6TMSED | FILL,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,917,228 | 62:0 |
| 385 | 97 | 107 | 21:53:47.000 | 488AP6B | 6TMSED | FILL,AL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,917,232 | 18:0 |
| 386 | 97 | 108 | 01:00:04.333 | 20UI4A | **7SAFE** | **STOP** | S/P NO MOVEMENT | 4O0 | 4 | 0 | 3,917,416 | 40:0 |
| 387 | 97 | 108 | 01:00:54.333 | 20UI4B | 7SLEW | DIS,POS,0.0 | Stator movement | 4O0 | 4 | 0 | 3,917,417 | 24:0 |
| 388 | 97 | 108 | 01:02:39.666 | 418JG6A | 6BUFLO | 2 | MUB Buffer low water m | 4O0 | 4 | 0 | 3,917,419 | 00:0 |
| 389 | 97 | 108 | 01:02:39.666 | 418JG6B | 6BUFHI | 10 | MUB Buffer high water | 4O0 | 4 | 0 | 3,917,419 | 00:0 |
| 390 | 97 | 108 | 01:02:46.333 | 176JB6A | 6TMREC | **RPB** | RESUME PLAYBACK (PB CONTROL) Record Mode | 4O0 | 4 | 0 | 3,917,419 | 10:0 |
| 391 | 97 | 108 | 03:10:53.666 | 488AP6C | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,917,545 | 75:0 |
| 392 | 97 | 108 | 03:52:11.000 | 488AQ6A | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,917,586 | 60:0 |
| 393 | 97 | 108 | 04:29:22.333 | 488AQ6B | 6TMSED | FILL,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,917,623 | 40:0 |
| 394 | 97 | 108 | 05:01:26.333 | 488AQ6C | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,917,655 | 14:0 |
| 395 | 97 | 108 | 08:00:12.933 | 432MF431A6A | 6RCDSL | DDSDSL,PLSNCG,EP | Record Deselect (DDS o | 4O0 | 4 | 0 | 3,917,831 | 88:0 |
| 396 | 97 | 108 | 08:00:13.600 | 432MF6A | 6RTSL1 | | R/T Select of DDS and | 4O0 | 4 | 0 | 3,917,831 | 89:0 |
| 397 | 97 | 108 | 10:03:22.933 | 488AR6A | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,917,953 | 71:0 |
| 398 | 97 | 108 | 10:31:06.933 | 488AR6B | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,917,981 | 19:0 |
| 399 | 97 | 108 | 10:56:42.933 | 488AR6C | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,918,006 | 48:0 |
| 400 | 97 | 108 | 11:46:24.933 | 488AR6D | 6TMSED | FILL,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,918,055 | 62:0 |
| 401 | 97 | 108 | 12:15:04.266 | 488AR6E | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,918,084 | 02:0 |
| 402 | 97 | 108 | 15:10:34.933 | 488AS6A | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,918,257 | 55:0 |
| 403 | 97 | 108 | 16:31:38.933 | 488AS6B | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,918,337 | 71:0 |
| 404 | 97 | 108 | 17:53:00.266 | 488AS6C | 6TMSED | NORM,AH7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,918,418 | 22:0 |
| 405 | 97 | 108 | 17:54:46.933 | 176SJ6A | 6TMREC | **PPB** | PAUSE PLAYBACK (PB CONTROL) Record Mode C | 4O0 | 4 | 0 | 3,918,420 | 00:0 |
| 406 | 97 | 108 | 18:25:02.266 | 490UA412A4B | **7MODE** | **INT** | AACS INERTIAL MODE | 4O0 | 4 | 0 | 3,918,449 | 84:0 |
| 407 | 97 | 108 | 18:30:00.266 | 490UA412A4D | **7SAFE** | **UNSTOW** | S/P TO 153 deg cone | 4O0 | 4 | 0 | 3,918,454 | 76:0 |
| 408 | 97 | 108 | 18:34:10.266 | 490UA412A4E | 7VECT | RTH | Inert vect update UTC | 4O0 | 4 | 0 | 3,918,458 | 87:0 |
| 409 | 97 | 108 | 18:34:14.266 | 490UA412A4F | 7TURN | 2,RTH | ALERT Thruster | 4O0 | 4 | 0 | 3,918,459 | 02:0 |
| 410 | 97 | 108 | 18:38:02.266 | 490UA412A406A4A | 7STAR | 1,3000,95.710999 | Star catalog update | 4O0 | 4 | 0 | 3,918,462 | 71:0 |
| 411 | 97 | 108 | 18:38:04.266 | 490UA412A406A4B | 7STAR | 2,121,222.03 | Star catalog update | 4O0 | 4 | 0 | 3,918,462 | 74:0 |
| 412 | 97 | 108 | 18:38:06.266 | 490UA412A406A4C | 7STAR | 31,253,185.95 | Star catalog update | 4O0 | 4 | 0 | 3,918,462 | 77:0 |
| 413 | 97 | 108 | 18:38:08.266 | 490UA412A406A4D | 7STAR | 4,0,0.0,0.0 | Star catalog update | 4O0 | 4 | 0 | 3,918,462 | 80:0 |
| 414 | 97 | 108 | 18:38:10.266 | 490UA412A406A4E | 7STAR | 5,0,0.0,0.0 | Star catalog update | 4O0 | 4 | 0 | 3,918,462 | 83:0 |
| 415 | 97 | 108 | 18:38:12.266 | 490UA412A406A4F | 7STAR | 6,0,0.0,0.0 | Star catalog update | 4O0 | 4 | 0 | 3,918,462 | 86:0 |
| 416 | 97 | 108 | 19:46:12.933 | 490UA412A4L | **7MODE** | **CRU** | AACS CRUISE MODE | 4O0 | 4 | 0 | 3,918,530 | 19:0 |
| 417 | 97 | 108 | 20:01:59.600 | 432OS431A6A | 6RCDSL | DDSNCG,PLSNCG,EP | Record Deselect (DDS o | 4O0 | 4 | 0 | 3,918,545 | 74:0 |
| 418 | 97 | 108 | 20:02:00.266 | 432OS6A | 6RTSL1 | | R/T Select of DDS and | 4O0 | 4 | 0 | 3,918,545 | 75:0 |
| 419 | 97 | 108 | 20:30:00.266 | 488AS6D | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,918,573 | 47:0 |
| 420 | 97 | 108 | 20:31:04.266 | 20WE4A | **7SAFE** | **STOP** | S/P NO MOVEMENT | 4O0 | 4 | 0 | 3,918,574 | 52:0 |
| 421 | 97 | 108 | 20:31:54.266 | 20WE4B | 7SLEW | DIS,POS,0.0 | Stator movement | 4O0 | 4 | 0 | 3,918,575 | 36:0 |
| 422 | 97 | 108 | 20:34:32.266 | 176SK6A | 6TMREC | **RPB** | RESUME PLAYBACK (PB CONTROL) Record Mode | 4O0 | 4 | 0 | 3,918,578 | 00:0 |
| 423 | 97 | 108 | 22:57:46.933 | 488AT6A | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,918,719 | 61:0 |
| 424 | 97 | 108 | 23:55:44.933 | 176BG6A | 6TMREC | **PPB** | PAUSE PLAYBACK (PB CONTROL) Record Mode C | 4O0 | 4 | 0 | 3,918,777 | 00:0 |
| 425 | 97 | 108 | 23:58:45.600 | 165BN4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4O0 | 4 | 0 | 3,918,779 | 89:0 |
| 426 | 97 | 108 | 23:58:46.266 | 165BN4B | 7SCAN | NORM,317.743999, | Check S/P Position | 4O0 | 4 | 0 | 3,918,779 | 90:0 |
| 427 | 97 | 109 | 00:02:50.933 | 20UN4A | **7SAFE** | **STOP** | S/P NO MOVEMENT | 4O0 | 4 | 0 | 3,918,784 | 02:0 |
| 428 | 97 | 109 | 00:03:19.600 | 432BF6A | 6RTSL1 | | R/T Select of DDS and | 4O0 | 4 | 0 | 3,918,784 | 45:0 |
| 429 | 97 | 109 | 00:03:40.933 | 20UN4B | 7SLEW | DIS,POS,0.0 | Stator movement | 4O0 | 4 | 0 | 3,918,784 | 77:0 |
| 430 | 97 | 109 | 00:04:50.933 | 176BH6A | 6TMREC | **RPB** | RESUME PLAYBACK (PB CONTROL) Record Mode | 4O0 | 4 | 0 | 3,918,786 | 00:0 |
| 431 | 97 | 109 | 01:03:38.933 | 488AT6B | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,918,844 | 14:0 |
| 432 | 97 | 109 | 02:07:38.933 | 488AT6C | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,918,907 | 41:0 |
| 433 | 97 | 109 | 02:48:10.933 | 488AT6D | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,918,947 | 49:0 |
| 434 | 97 | 109 | 03:18:02.933 | 488AT6E | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,918,977 | 07:0 |
| 435 | 97 | 109 | 04:00:42.933 | 488AU6A | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,919,019 | 25:0 |
| 436 | 97 | 109 | 10:01:35.600 | 488AV6A | 6TMSED | FILL,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,919,376 | 17:0 |
| 437 | 97 | 109 | 10:07:38.933 | 488AV6B | 6TMSED | FILL,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,919,382 | 16:0 |
| 438 | 97 | 109 | 10:32:03.600 | 488AV6C | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,919,406 | 29:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 439 | 97 | 109 | 10:46:02.933 | 488AV6D | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,919,420:14:0 | |
| 440 | 97 | 109 | 15:02:02.866 | 488AV6E | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,919,673:31:0 | |
| 441 | 97 | 109 | 16:01:46.866 | 488AW6A | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,919,732:38:0 | |
| 442 | 97 | 109 | 16:12:38.866 | 488AW6B | 6TMSED | FILL,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,919,743:15:0 | |
| 443 | 97 | 109 | 16:50:50.866 | 488AW6C | 6TMSED | FILL,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,919,780:86:0 | |
| 444 | 97 | 109 | 17:18:44.866 | 488AW6D | 6TMSED | NORM,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,919,808:49:0 | |
| 445 | 97 | 109 | 18:33:14.866 | 488AW6E | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,919,882:20:0 | |
| 446 | 97 | 109 | 23:44:42.866 | 488AX6A | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,920,190:24:0 | |
| 447 | 97 | 110 | 00:59:22.866 | 488AX6B | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,920,264:10:0 | |
| 448 | 97 | 110 | 02:09:46.866 | 488AX6C | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,920,333:67:0 | |
| 449 | 97 | 110 | 02:39:02.866 | 488AX6D | 6TMSED | FILL,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,920,362:62:0 | |
| 450 | 97 | 110 | 02:43:54.866 | 488AX6E | 6TMSED | FILL,AL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,920,367:45:0 | |
| 451 | 97 | 110 | 03:06:08.866 | 488AY6A | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,920,389:44:0 | |
| 452 | 97 | 110 | 03:30:50.866 | 488AY6B | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,920,413:83:0 | |
| 453 | 97 | 110 | 04:24:07.533 | 488AY6C | 6TMSED | FILL,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,920,466:55:0 | |
| 454 | 97 | 110 | 04:56:11.533 | 488AY6D | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,920,498:29:0 | |
| 455 | 97 | 110 | 05:32:26.866 | 488AY6E | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,920,534:16:0 | |
| 456 | 97 | 110 | 08:38:02.866 | 488AZ6A | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,920,717:67:0 | |
| 457 | 97 | 110 | 09:59:56.866 | 488AZ6B | 6TMSED | FILL,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,920,798:67:0 | |
| 458 | 97 | 110 | 10:09:46.866 | 488AZ6C | 6TMSED | FILL,AL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,920,808:42:0 | |
| 459 | 97 | 110 | 10:21:10.866 | 488AZ6D | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,920,819:67:0 | |
| 460 | 97 | 110 | 10:26:50.866 | 488AZ6E | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,920,825:31:0 | |
| 461 | 97 | 110 | 11:26:34.866 | 488BA6A | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,920,884:38:0 | |
| 462 | 97 | 110 | 11:36:10.200 | 488BA6B | 6TMSED | FILL,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,920,893:82:0 | |
| 463 | 97 | 110 | 12:09:49.533 | 488BA6C | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,920,927:17:0 | |
| 464 | 97 | 110 | 15:02:02.866 | 488BA6D | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,921,097:47:0 | |
| 465 | 97 | 110 | 16:31:38.866 | 488BA6E | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,921,186:12:0 | |
| 466 | 97 | 110 | 17:24:40.200 | 488BB6A | 6TMSED | FILL,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,921,238:52:0 | |
| 467 | 97 | 110 | 17:27:06.866 | 488BB6B | 6TMSED | FILL,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,921,240:90:0 | |
| 468 | 97 | 110 | 17:28:46.866 | 488BB6C | 6TMSED | NORM,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,921,242:58:0 | |
| 469 | 97 | 110 | 18:24:42.800 | 488BB6D | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,921,297:87:0 | |
| 470 | 97 | 110 | 20:11:39.466 | 488BB6E | 6TMSED | FILL,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,921,403:66:0 | |
| 471 | 97 | 110 | 20:31:12.800 | 488BC6A | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,921,423:06:0 | |
| 472 | 97 | 111 | 00:08:10.800 | 488BC6B | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,921,637:59:0 | |
| 473 | 97 | 111 | 00:52:58.800 | 488BC6C | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,921,681:87:0 | |
| 474 | 97 | 111 | 02:09:46.800 | 488BC6D | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,921,757:83:0 | |
| 475 | 97 | 111 | 02:39:38.800 | 488BD6A | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,921,787:41:0 | |
| 476 | 97 | 111 | 02:56:42.800 | 488BD6B | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,921,804:30:0 | |
| 477 | 97 | 111 | 03:37:14.800 | 488BD6C | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,921,844:38:0 | |
| 478 | 97 | 111 | 09:53:00.133 | 488BE6A | 6TMSED | NORM,AH4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,922,216:04:0 | |
| 479 | 97 | 111 | 09:54:58.800 | 176SL6A | 6TMREC | **PPB** | PAUSE PLAYBACK (PB CONTROL) Record Mode C | 4O0 | 4 | 0 | 3,922,218:00:0 | |
| 480 | 97 | 111 | 09:59:06.800 | 488BE6B | 6TMSED | NORM,AH3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,922,222:08:0 | |
| 481 | 97 | 111 | 10:31:06.800 | 488BE6C | 6TMSED | NORM,AH4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,922,253:67:0 | |
| 482 | 97 | 111 | 12:30:00.133 | 474AB416A4B | **7MODE** | **INT** | AACS INERTIAL MODE | 4O0 | 4 | 0 | 3,922,371:29:0 | |
| 483 | 97 | 111 | 12:32:00.133 | 474AB416A4D | **7SAFE** | **UNSTOW** | S/P TO 153 deg cone | 4O0 | 4 | 0 | 3,922,373:27:0 | |
| 484 | 97 | 111 | 12:36:14.133 | 474AB416A4E | 7BURN | SZ,84.1333,-63.9 | ALERT -- Thruster fire | 4O0 | 4 | 0 | 3,922,377:44:0 | |
| 485 | 97 | 111 | 12:57:51.466 | 474AB416A4G | 7BURN | T,84.1333,-63.97 | ALERT -- Thruster fire | 4O0 | 4 | 0 | 3,922,398:79:0 | |
| 486 | 97 | 111 | 14:05:27.466 | 474AB416A4N | **7MODE** | **CRU** | AACS CRUISE MODE | 4O0 | 4 | 0 | 3,922,465:66:0 | |
| 487 | 97 | 111 | 15:00:00.133 | 488BE6D | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,922,519:61:0 | |
| 488 | 97 | 111 | 15:02:02.800 | 488BE6E | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,922,521:63:0 | |
| 489 | 97 | 111 | 15:09:59.466 | 432ON431A6A | 6RCDSL | DDSNCG,PLSNCG,EP | Record Deselect (DDS o | 4O0 | 4 | 0 | 3,922,529:50:0 | |
| 490 | 97 | 111 | 15:10:00.133 | 432ON6A | 6RTSL1 | | R/T Select of DDS and | 4O0 | 4 | 0 | 3,922,529:51:0 | |
| 491 | 97 | 111 | 15:16:04.133 | 20WF4A | **7SAFE** | **STOP** | S/P NO MOVEMENT | 4O0 | 4 | 0 | 3,922,535:51:0 | |
| 492 | 97 | 111 | 15:16:54.133 | 20WF4B | 7SLEW | DIS,POS,0.0 | Stator movement | 4O0 | 4 | 0 | 3,922,536:35:0 | |
| 493 | 97 | 111 | 15:19:32.800 | 176SM6A | 6TMREC | **RPB** | RESUME PLAYBACK (PB CONTROL) Record Mode | 4O0 | 4 | 0 | 3,922,539:00:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 494 | 97 | 111 | 15:27:38.800 | 488BF6A | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,922,547:01:0 | |
| **495** | **97** | **111** | **15:59:58.133** | **432JC6B** | **6RTDS2** | **NIMNCG,AACDSL,RT** | **AACS DESELECT** | **4O0** | **4** | **0** | **3,922,578:89:0** | |
| 496 | 97 | 111 | 16:39:52.800 | 488BF6B | 6TMSED | FILL,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,922,618:41:0 | |
| 497 | 97 | 111 | 16:42:18.800 | 488BF6C | 6TMSED | FILL,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,922,620:78:0 | |
| 498 | 97 | 111 | 16:43:58.800 | 488BF6D | 6TMSED | NORM,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,922,622:46:0 | |
| 499 | 97 | 111 | 18:58:50.800 | 488BF6E | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,922,755:81:0 | |
| 500 | 97 | 111 | 21:34:40.133 | 176SN6A | 6TMREC | **PPB** | PAUSE PLAYBACK (PB CONTROL) Record Mode C | 4O0 | 4 | 0 | 3,922,910:00:0 | |
| 501 | 97 | 111 | 21:38:50.800 | 488BG6A | 6TMSED | NORM,BA6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,922,914:12:0 | |
| 502 | 97 | 111 | 21:43:00.133 | 20UE4F | **7SAFE** | **UNSTOW** | S/P TO 153 deg cone | 4O0 | 4 | 0 | 3,922,918:22:0 | |
| 503 | 97 | 111 | 21:47:00.133 | 20UE4G | 7STAT | 17.45,0.0,90.0 | Stator inertial point | 4O0 | 4 | 0 | 3,922,922:18:0 | |
| 504 | 97 | 112 | 00:41:04.066 | 20WH4A | **7SAFE** | **STOP** | S/P NO MOVEMENT | 4O0 | 4 | 0 | 3,923,094:32:0 | |
| 505 | 97 | 112 | 00:41:54.066 | 20WH4B | 7SLEW | DIS,POS,0.0 | Stator movement | 4O0 | 4 | 0 | 3,923,095:16:0 | |
| 506 | 97 | 112 | 00:45:00.066 | 488BG6B | 6TMSED | NORM,BL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,923,098:22:0 | |
| 507 | 97 | 112 | 00:46:00.066 | 488BG6C | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,923,099:21:0 | |
| 508 | 97 | 112 | 00:49:48.733 | 176SP6A | 6TMREC | **RPB** | RESUME PLAYBACK (PB CONTROL) Record Mode | 4O0 | 4 | 0 | 3,923,103:00:0 | |
| 509 | 97 | 112 | 00:52:58.733 | 488BG6D | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,923,106:12:0 | |
| 510 | 97 | 112 | 02:09:46.733 | 488BG6E | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,923,182:08:0 | |
| 511 | 97 | 112 | 02:39:38.733 | 488BH6A | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,923,211:57:0 | |
| 512 | 97 | 112 | 03:11:38.733 | 488BH6B | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,923,243:25:0 | |
| 513 | 97 | 112 | 04:13:52.733 | 488BH6C | 6TMSED | FILL,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,923,304:75:0 | |
| 514 | 97 | 112 | 04:41:14.733 | 488BH6D | 6TMSED | FILL,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,923,331:81:0 | |
| 515 | 97 | 112 | 04:45:04.066 | 488BH6E | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,923,335:61:0 | |
| 516 | 97 | 112 | 09:18:34.733 | 488BI6A | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,923,606:16:0 | |
| 517 | 97 | 112 | 10:22:34.733 | 488BI6B | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,923,669:43:0 | |
| 518 | 97 | 112 | 11:30:54.066 | 488BI6C | 6TMSED | FILL,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,923,737:04:0 | |
| 519 | 97 | 112 | 11:56:08.066 | 176BI6A | 6TMREC | **PPB** | PAUSE PLAYBACK (PB CONTROL) Record Mode C | 4O0 | 4 | 0 | 3,923,762:00:0 | |
| 520 | 97 | 112 | 11:59:08.733 | 165BO4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4O0 | 4 | 0 | 3,923,764:89:0 | |
| 521 | 97 | 112 | 11:59:09.400 | 165BO4B | 7SCAN | NORM,317.743999, | Check S/P Position | 4O0 | 4 | 0 | 3,923,764:90:0 | |
| 522 | 97 | 112 | 11:59:33.400 | 488BI6D | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,923,765:35:0 | |
| 523 | 97 | 112 | 12:03:13.400 | 20UO4A | **7SAFE** | **STOP** | S/P NO MOVEMENT | 4O0 | 4 | 0 | 3,923,769:01:0 | |
| 524 | 97 | 112 | 12:03:42.733 | 432BH6A | 6RTSL1 | | R/T Select of DDS and | 4O0 | 4 | 0 | 3,923,769:45:0 | |
| 525 | 97 | 112 | 12:04:03.400 | 20UO4B | 7SLEW | DIS,POS,0.0 | Stator movement | 4O0 | 4 | 0 | 3,923,769:76:0 | |
| 526 | 97 | 112 | 12:05:14.066 | 176BJ6A | 6TMREC | **RPB** | RESUME PLAYBACK (PB CONTROL) Record Mode | 4O0 | 4 | 0 | 3,923,771:00:0 | |
| 527 | 97 | 112 | 13:17:30.733 | 488BI6E | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,923,842:44:0 | |
| 528 | 97 | 112 | 14:57:46.733 | 488BJ6A | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,923,941:59:0 | |
| 529 | 97 | 112 | 15:12:42.733 | 488BJ6B | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,923,956:38:0 | |
| 530 | 97 | 112 | 16:33:28.733 | 488BJ6C | 6TMSED | FILL,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,924,036:27:0 | |
| 531 | 97 | 112 | 16:35:54.733 | 488BJ6D | 6TMSED | FILL,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,924,038:64:0 | |
| 532 | 97 | 112 | 16:37:34.733 | 488BJ6E | 6TMSED | NORM,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,924,040:32:0 | |
| 533 | 97 | 112 | 18:54:34.733 | 488BK6A | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,924,175:77:0 | |
| 534 | 97 | 113 | 00:40:10.733 | 488BK6B | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,924,517:59:0 | |
| 535 | 97 | 113 | 00:59:22.733 | 488BL6A | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,924,536:58:0 | |
| 536 | 97 | 113 | 02:09:46.733 | 488BL6B | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,924,606:24:0 | |
| 537 | 97 | 113 | 02:33:14.733 | 488BL6C | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,924,629:43:0 | |
| 538 | 97 | 113 | 02:52:26.733 | 488BL6D | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,924,648:42:0 | |
| 539 | 97 | 113 | 03:15:54.733 | 488BL6E | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,924,671:61:0 | |
| 540 | 97 | 113 | 09:48:26.666 | 488BM6A | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,925,059:81:0 | |
| 541 | 97 | 113 | 10:16:10.666 | 488BM6B | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,925,087:29:0 | |
| 542 | 97 | 113 | 12:41:14.666 | 488BM6C | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,925,230:72:0 | |
| 543 | 97 | 113 | 13:23:00.000 | 488BM6D | 6TMSED | NORM,AH5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,925,272:08:0 | |
| 544 | 97 | 113 | 13:24:56.000 | 176ST6A | 6TMREC | **PPB** | PAUSE PLAYBACK (PB CONTROL) Record Mode C | 4O0 | 4 | 0 | 3,925,274:00:0 | |
| 545 | 97 | 113 | 13:32:00.000 | 20UD4B | 7SLEW | DIS,POS,0.0 | Stator movement | 4O0 | 4 | 0 | 3,925,280:90:0 | |
| 546 | 97 | 113 | 13:33:00.000 | 20UD4D | **7MODE** | **SPNL** | AACS ALL-SPIN LOW | 4O0 | 4 | 0 | 3,925,281:89:0 | |
| 547 | 97 | 113 | 13:35:00.000 | 20UD4E | **7SAFE** | **UNSTOW** | S/P TO 153 deg cone | 4O0 | 4 | 0 | 3,925,283:87:0 | |
| 548 | 97 | 113 | 13:40:30.000 | 20UD4G | 7VENT | 0.611,1.333,8 | ALERT -- Thruster fire | 4O0 | 4 | 0 | 3,925,289:36:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 549 | 97 | 113 | 13:40:30.666 | 20UD4H | 7VENT | 0.611,10.989,8 | ALERT -- Thruster fire | 4O0 | 4 | 0 | 3,925,289:37:0 | |
| 550 | 97 | 113 | 13:40:50.666 | 20UD4I | 7VENT | 0.611,1.333,6 | ALERT -- Thruster fire | 4O0 | 4 | 0 | 3,925,289:67:0 | |
| 551 | 97 | 113 | 13:40:51.333 | 20UD4J | 7VENT | 0.611,10.989,6 | ALERT -- Thruster fire | 4O0 | 4 | 0 | 3,925,289:68:0 | |
| 552 | 97 | 113 | 13:41:11.333 | 20UD4K | 7VENT | 0.611,1.333,4 | ALERT -- Thruster fire | 4O0 | 4 | 0 | 3,925,290:07:0 | |
| 553 | 97 | 113 | 13:41:12.000 | 20UD4L | 7VENT | 0.611,0.666,5 | ALERT -- Thruster fire | 4O0 | 4 | 0 | 3,925,290:08:0 | |
| 554 | 97 | 113 | 13:41:22.000 | 20UD4M | 7VENT | 0.611,1.333,4 | ALERT -- Thruster fire | 4O0 | 4 | 0 | 3,925,290:23:0 | |
| 555 | 97 | 113 | 13:41:22.666 | 20UD4N | 7VENT | 0.611,0.666,5 | ALERT -- Thruster fire | 4O0 | 4 | 0 | 3,925,290:24:0 | |
| 556 | 97 | 113 | 13:41:32.666 | 20UD4O | 7VENT | 1.211,1.333,10 | ALERT -- Thruster fire | 4O0 | 4 | 0 | 3,925,290:39:0 | |
| 557 | 97 | 113 | 13:41:33.333 | 20UD4P | 7VENT | 1.211,0.666,12 | ALERT -- Thruster fire | 4O0 | 4 | 0 | 3,925,290:40:0 | |
| 558 | 97 | 113 | 13:43:20.000 | 20UD4S | 7VENT | 0.611,1.333,7 | ALERT -- Thruster fire | 4O0 | 4 | 0 | 3,925,292:18:0 | |
| 559 | 97 | 113 | 13:43:20.666 | 20UD4T | 7VENT | 0.611,10.989,7 | ALERT -- Thruster fire | 4O0 | 4 | 0 | 3,925,292:19:0 | |
| 560 | 97 | 113 | 13:43:40.666 | 20UD4U | 7VENT | 0.611,1.333,1 | ALERT -- Thruster fire | 4O0 | 4 | 0 | 3,925,292:49:0 | |
| 561 | 97 | 113 | 13:43:41.333 | 20UD4V | 7VENT | 0.611,10.989,1 | ALERT -- Thruster fire | 4O0 | 4 | 0 | 3,925,292:50:0 | |
| 562 | 97 | 113 | 13:44:01.333 | 20UD4AC | 7VENT | 0.611,1.333,2 | ALERT -- Thruster fire | 4O0 | 4 | 0 | 3,925,292:80:0 | |
| 563 | 97 | 113 | 13:44:02.000 | 20UD4AD | 7VENT | 0.611,0.666,3 | ALERT -- Thruster fire | 4O0 | 4 | 0 | 3,925,292:81:0 | |
| 564 | 97 | 113 | 13:44:12.000 | 20UD4AE | 7VENT | 0.611,1.333,2 | ALERT -- Thruster fire | 4O0 | 4 | 0 | 3,925,293:05:0 | |
| 565 | 97 | 113 | 13:44:12.666 | 20UD4AF | 7VENT | 0.611,0.666,3 | ALERT -- Thruster fire | 4O0 | 4 | 0 | 3,925,293:06:0 | |
| 566 | 97 | 113 | 13:44:22.666 | 20UD4W | 7VENT | 1.211,1.333,9 | ALERT -- Thruster fire | 4O0 | 4 | 0 | 3,925,293:21:0 | |
| 567 | 97 | 113 | 13:44:23.333 | 20UD4X | 7VENT | 1.211,0.666,11 | ALERT -- Thruster fire | 4O0 | 4 | 0 | 3,925,293:22:0 | |
| 568 | 97 | 113 | 13:45:20.000 | 20UD4Z | **7MODE** | **CRU** | AACS CRUISE MODE | 4O0 | 4 | 0 | 3,925,294:16:0 | |
| 569 | 97 | 113 | 14:15:28.000 | 165BP4A | 7TMOT | DIS,TMC | Disable IVP - Target Motion | 4O0 | 4 | 0 | 3,925,323:89:0 | |
| 570 | 97 | 113 | 14:15:28.666 | 165BP4B | 7SCAN | NORM,317.743999, | Check S/P Position | 4O0 | 4 | 0 | 3,925,323:90:0 | |
| 571 | 97 | 113 | 14:19:32.666 | 20UF4A | **7SAFE** | **STOP** | S/P NO MOVEMENT | 4O0 | 4 | 0 | 3,925,328:01:0 | |
| 572 | 97 | 113 | 14:20:02.000 | 432BJ6A | 6RTSL1 | | R/T Select of DDS and | 4O0 | 4 | 0 | 3,925,328:45:0 | |
| 573 | 97 | 113 | 14:20:22.666 | 20UF4B | 7SLEW | DIS,POS,0.0 | Stator movement | 4O0 | 4 | 0 | 3,925,328:76:0 | |
| 574 | 97 | 113 | 14:21:33.333 | 176BL6A | 6TMREC | **RPB** | RESUME PLAYBACK (PB CONTROL) Record Mode | 4O0 | 4 | 0 | 3,925,330:00:0 | |
| 575 | 97 | 113 | 14:51:22.666 | 488BM6E | 6TMSED | NORM,AH6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,925,359:45:0 | |
| 576 | 97 | 113 | 15:02:02.666 | 488BN6A | 6TMSED | NORM,AH7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,925,370:04:0 | |
| 577 | 97 | 113 | 15:31:00.000 | 488BN6B | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,925,398:62:0 | |
| 578 | 97 | 113 | 16:35:36.666 | 488BN6C | 6TMSED | FILL,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,925,462:53:0 | |
| 579 | 97 | 113 | 16:38:02.666 | 488BN6D | 6TMSED | FILL,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,925,464:90:0 | |
| 580 | 97 | 113 | 16:39:42.666 | 488BN6E | 6TMSED | NORM,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,925,466:58:0 | |
| 581 | 97 | 113 | 18:48:10.666 | 488BO6A | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,925,593:63:0 | |
| 582 | 97 | 114 | 00:44:26.666 | 488BO6B | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,925,946:04:0 | |
| 583 | 97 | 114 | 01:03:38.666 | 488BP6A | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,925,965:03:0 | |
| 584 | 97 | 114 | 02:09:46.666 | 488BP6B | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,926,030:40:0 | |
| 585 | 97 | 114 | 02:33:14.666 | 488BP6C | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,926,053:59:0 | |
| 586 | 97 | 114 | 03:03:06.666 | 488BP6D | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,926,083:17:0 | |
| 587 | 97 | 114 | 04:02:50.666 | 488BP6E | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,926,142:24:0 | |
| 588 | 97 | 114 | 04:10:41.333 | 488BQ6A | 6TMSED | FILL,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,926,150:02:0 | |
| 589 | 97 | 114 | 04:39:20.666 | 488BQ6B | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,926,178:33:0 | |
| 590 | 97 | 114 | 08:52:02.666 | 488BQ6C | 6TMSED | FILL,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,926,428:26:0 | |
| 591 | 97 | 114 | 08:59:22.666 | 488BQ6D | 6TMSED | FILL,AL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,926,435:49:0 | |
| 592 | 97 | 114 | 09:56:42.666 | 488BQ6E | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,926,492:22:0 | |
| 593 | 97 | 114 | 10:01:14.666 | 488BR6A | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,926,496:66:0 | |
| 594 | 97 | 114 | 10:23:34.666 | 488BR6B | 6TMSED | FILL,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,926,518:74:0 | |
| 595 | 97 | 114 | 10:50:18.666 | 488BR6C | 6TMSED | FILL,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,926,545:23:0 | |
| 596 | 97 | 114 | 10:54:38.666 | 488BR6D | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,926,549:49:0 | |
| 597 | 97 | 114 | 11:25:38.000 | 488BR6E | 6TMSED | FILL,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,926,580:17:0 | |
| 598 | 97 | 114 | 11:54:17.333 | 488BS6A | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,926,608:48:0 | |
| 599 | 97 | 114 | 14:51:22.600 | 488BS6B | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,926,783:61:0 | |
| 600 | 97 | 114 | 15:27:38.600 | 488BS6C | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,926,819:49:0 | |
| 601 | 97 | 114 | 16:29:12.600 | 488BS6D | 6TMSED | FILL,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,926,880:39:0 | |
| 602 | 97 | 114 | 16:31:38.600 | 488BS6E | 6TMSED | FILL,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,926,882:76:0 | |
| 603 | 97 | 114 | 16:33:18.600 | 488BT6A | 6TMSED | NORM,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,926,884:44:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 604 | 97 | 114 | 18:50:18.600 | 488BT6B | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,927,019:89:0 | |
| 605 | 97 | 114 | 20:01:07.933 | 488BT6C | 6TMSED | FILL,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,927,090:02:0 | |
| 606 | 97 | 114 | 20:20:40.600 | 488BT6D | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,927,109:32:0 | |
| 607 | 97 | 115 | 00:44:26.600 | 488BU6A | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,927,370:20:0 | |
| 608 | 97 | 115 | 01:10:02.600 | 488BU6B | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,927,395:49:0 | |
| 609 | 97 | 115 | 02:09:46.600 | 488BU6C | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,927,454:56:0 | |
| 610 | 97 | 115 | 02:28:58.600 | 488BU6D | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,927,473:55:0 | |
| 611 | 97 | 115 | 02:48:10.600 | 488BU6E | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,927,492:54:0 | |
| 612 | 97 | 115 | 03:03:06.600 | 488BV6A | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,927,507:33:0 | |
| 613 | 97 | 115 | 09:39:54.600 | 488BW6A | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,927,899:73:0 | |
| 614 | 97 | 115 | 10:03:22.600 | 488BW6B | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,927,923:01:0 | |
| 615 | 97 | 115 | 11:56:26.600 | 488BW6C | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,928,034:76:0 | |
| 616 | 97 | 115 | 14:47:06.600 | 488BW6D | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,928,203:57:0 | |
| 617 | 97 | 115 | 16:29:12.600 | 488BX6A | 6TMSED | FILL,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,928,304:55:0 | |
| 618 | 97 | 115 | 16:31:38.600 | 488BX6B | 6TMSED | FILL,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,928,307:01:0 | |
| 619 | 97 | 115 | 16:33:18.600 | 488BX6C | 6TMSED | NORM,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,928,308:60:0 | |
| 620 | 97 | 115 | 18:43:54.533 | 488BX6D | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,928,437:75:0 | |
| 621 | 97 | 116 | 00:40:10.533 | 488BY6A | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,928,790:16:0 | |
| 622 | 97 | 116 | 01:14:18.533 | 488BY6B | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,928,823:85:0 | |
| 623 | 97 | 116 | 02:09:46.533 | 488BY6C | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,928,878:72:0 | |
| 624 | 97 | 116 | 02:24:42.533 | 488BY6D | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,928,893:51:0 | |
| 625 | 97 | 116 | 02:54:34.533 | 488BY6E | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,928,923:09:0 | |
| 626 | 97 | 116 | 03:37:14.533 | 488BZ6A | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,928,965:27:0 | |
| 627 | 97 | 116 | 04:00:24.533 | 488BZ6B | 6TMSED | FILL,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,928,988:19:0 | |
| 628 | 97 | 116 | 04:29:03.200 | 488BZ6C | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,929,016:49:0 | |
| 629 | 97 | 116 | 09:33:30.533 | 488BZ6D | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,929,317:59:0 | |
| 630 | 97 | 116 | 09:59:06.533 | 488CA6A | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,929,342:88:0 | |
| 631 | 97 | 116 | 11:15:22.533 | 488CA6B | 6TMSED | FILL,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,929,418:36:0 | |
| 632 | 97 | 116 | 11:41:30.533 | 488CA6C | 6TMSED | FILL,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,929,444:22:0 | |
| 633 | 97 | 116 | 11:43:17.866 | 488CA6D | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,929,446:01:0 | |
| 634 | 97 | 116 | 14:42:50.533 | 488CA6E | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,929,623:53:0 | |
| 635 | 97 | 116 | 16:24:56.533 | 488CB6A | 6TMSED | FILL,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,929,724:51:0 | |
| 636 | 97 | 116 | 16:27:22.533 | 488CB6B | 6TMSED | FILL,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,929,726:88:0 | |
| 637 | 97 | 116 | 16:29:02.533 | 488CB6C | 6TMSED | NORM,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,929,728:56:0 | |
| 638 | 97 | 116 | 18:43:54.533 | 488CB6D | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,929,862:00:0 | |
| 639 | 97 | 117 | 00:33:46.466 | 488CC6A | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,930,208:02:0 | |
| 640 | 97 | 117 | 01:14:18.466 | 488CC6B | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,930,248:10:0 | |
| 641 | 97 | 117 | 02:09:46.466 | 488CC6C | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,930,302:88:0 | |
| 642 | 97 | 117 | 02:24:42.466 | 488CC6D | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,930,317:67:0 | |
| 643 | 97 | 117 | 02:52:26.466 | 488CC6E | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,930,345:15:0 | |
| 644 | 97 | 117 | 09:35:38.466 | 488CD6A | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,930,743:85:0 | |
| 645 | 97 | 117 | 09:59:06.466 | 488CD6B | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,930,767:13:0 | |
| 646 | 97 | 117 | 11:26:34.466 | 488CD6C | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,930,853:59:0 | |
| 647 | 97 | 117 | 14:42:50.466 | 488CD6D | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,931,047:69:0 | |
| 648 | 97 | 117 | 16:20:40.466 | 488CE6A | 6TMSED | FILL,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,931,144:47:0 | |
| 649 | 97 | 117 | 16:23:06.466 | 488CE6B | 6TMSED | FILL,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,931,146:84:0 | |
| 650 | 97 | 117 | 16:24:46.466 | 488CE6C | 6TMSED | NORM,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,931,148:52:0 | |
| 651 | 97 | 117 | 18:39:38.466 | 488CE6D | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,931,281:87:0 | |
| 652 | 97 | 118 | 00:33:46.466 | 488CF6A | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,931,632:18:0 | |
| 653 | 97 | 118 | 01:14:18.466 | 488CF6B | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,931,672:26:0 | |
| 654 | 97 | 118 | 02:05:30.466 | 488CF6C | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,931,722:84:0 | |
| 655 | 97 | 118 | 02:20:26.466 | 488CF6D | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,931,737:63:0 | |
| 656 | 97 | 118 | 02:41:46.466 | 488CF6E | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,931,758:72:0 | |
| 657 | 97 | 118 | 06:12:58.466 | 488CG6A | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,931,967:61:0 | |
| 658 | 97 | 118 | 06:59:54.400 | 488CG6B | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,932,014:08:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 659 | 97 | 118 | 09:29:14.400 | 488CG6C | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,932,161:71:0 | |
| 660 | 97 | 118 | 09:52:42.400 | 488CG6D | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,932,184:90:0 | |
| 661 | 97 | 118 | 11:18:02.400 | 488CG6E | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,932,269:35:0 | |
| 662 | 97 | 118 | 14:38:34.400 | 488CH6A | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,932,467:65:0 | |
| 663 | 97 | 118 | 16:20:40.400 | 488CH6B | 6TMSED | FILL,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,932,568:63:0 | |
| 664 | 97 | 118 | 16:23:06.400 | 488CH6C | 6TMSED | FILL,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,932,571:09:0 | |
| 665 | 97 | 118 | 16:24:46.400 | 488CH6D | 6TMSED | NORM,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,932,572:68:0 | |
| 666 | 97 | 118 | 18:35:22.400 | 488CH6E | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,932,701:83:0 | |
| 667 | 97 | 119 | 00:29:30.400 | 488CI6A | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,933,052:14:0 | |
| 668 | 97 | 119 | 01:14:18.400 | 488CI6B | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,933,096:42:0 | |
| 669 | 97 | 119 | 02:05:30.400 | 488CI6C | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,933,147:09:0 | |
| 670 | 97 | 119 | 02:14:02.400 | 488CI6D | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,933,155:49:0 | |
| 671 | 97 | 119 | 02:37:30.400 | 488CI6E | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,933,178:68:0 | |
| 672 | 97 | 119 | 05:28:10.400 | 488CJ6A | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,933,347:49:0 | |
| 673 | 97 | 119 | 07:40:26.400 | 488CJ6B | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,933,478:32:0 | |
| 674 | 97 | 119 | 09:29:14.400 | 488CJ6C | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,933,585:87:0 | |
| 675 | 97 | 119 | 10:03:22.400 | 488CJ6D | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,933,619:65:0 | |
| 676 | 97 | 119 | 11:04:56.400 | 488CJ6E | 6TMSED | FILL,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,933,680:55:0 | |
| 677 | 97 | 119 | 11:33:35.733 | 488CK6A | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,933,708:86:0 | |
| 678 | 97 | 119 | 14:32:10.333 | 488CK6B | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,933,885:51:0 | |
| 679 | 97 | 119 | 14:42:50.333 | 488CK6C | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,933,896:10:0 | |
| 680 | 97 | 119 | 16:16:24.333 | 488CK6D | 6TMSED | FILL,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,933,988:59:0 | |
| 681 | 97 | 119 | 16:18:50.333 | 488CK6E | 6TMSED | FILL,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,933,991:05:0 | |
| 682 | 97 | 119 | 16:20:30.333 | 488CL6A | 6TMSED | NORM,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,933,992:64:0 | |
| 683 | 97 | 119 | 17:53:19.000 | 432BL6A | 6RTSL1 | | R/T Select of DDS and | 4O0 | 4 | 0 | 3,934,084:45:0 | |
| 684 | 97 | 119 | 18:35:22.333 | 488CL6B | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,934,126:08:0 | |
| 685 | 97 | 119 | 19:40:25.666 | 488CL6C | 6TMSED | FILL,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,934,190:39:0 | |
| 686 | 97 | 119 | 19:59:59.000 | 488CL6D | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,934,209:70:0 | |
| 687 | 97 | 120 | 00:25:14.333 | 488CM6A | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,934,472:10:0 | |
| 688 | 97 | 120 | 01:14:18.333 | 488CM6B | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,934,520:58:0 | |
| 689 | 97 | 120 | 02:05:30.333 | 488CM6C | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,934,571:25:0 | |
| 690 | 97 | 120 | 02:33:14.333 | 488CM6D | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,934,598:64:0 | |
| 691 | 97 | 120 | 05:08:58.333 | 488CM6E | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,934,752:66:0 | |
| 692 | 97 | 120 | 07:55:22.333 | 488CN6A | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,934,917:27:0 | |
| 693 | 97 | 120 | 09:24:58.333 | 488CN6B | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,935,005:83:0 | |
| 694 | 97 | 120 | 09:56:58.333 | 488CN6C | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,935,037:51:0 | |
| 695 | 97 | 120 | 10:59:47.000 | 488CN6D | 6TMSED | FILL,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,935,099:62:0 | |
| 696 | 97 | 120 | 11:28:26.333 | 488CN6E | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,935,128:02:0 | |
| 697 | 97 | 120 | 14:32:10.333 | 488CO6A | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,935,309:67:0 | |
| 698 | 97 | 120 | 14:38:34.333 | 488CO6B | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,935,316:06:0 | |
| **699** | **97** | **120** | **15:43:19.666** | **31M3A** | **37AR** | **1** | **NIMS Power OFF** | | | | **3,935,380:10:0** | |
| **700** | **97** | **120** | **15:43:27.666** | **31M3B** | **37AR** | **2** | **NIMS Power OFF** | | | | **3,935,380:22:0** | |
| **701** | **97** | **120** | **15:48:27.666** | **31M3C** | **37A** | **1** | **NIMS Power ON** | **260** | **4** | **0** | **3,935,385:17:0** | |
| **702** | **97** | **120** | **15:48:35.666** | **31M3D** | **37A** | **2** | **NIMS Power ON** | **260** | **4** | **0** | **3,935,385:29:0** | |
| **703** | **97** | **120** | **15:53:36.333** | **31A5A** | **37PL** | | **Program Load (halts microprocessor & unwri** | **260** | **4** | **0** | **3,935,390:25:0** | |
| **704** | **97** | **120** | **15:54:37.000** | **31A5B** | **37MRL** | | **Memory Realocate (software operates from R** | **260** | **4** | **0** | **3,935,391:25:0** | |
| **705** | **97** | **120** | **15:55:37.666** | **31A6A,** | **6MCOPY** | **NIMS** | **NIMS,1000,LLM1A,7300,77F7** | **260** | **4** | **0** | **3,935,392:25:0** | |
| **706** | **97** | **120** | **15:56:38.333** | **31A6B,** | **6MCOPY** | **NIMS** | **NIMS,1598,LLM1A,77F8,781D** | **260** | **4** | **0** | **3,935,393:25:0** | |
| **707** | **97** | **120** | **15:57:59.000** | **31A6C,** | **6CKSUM** | **NIMS** | **NIMS,1000,14B3** | **260** | **4** | **0** | **3,935,394:55:0** | |
| 708 | 97 | 120 | 15:58:19.000 | 31A6D, | 6MROH | | 12 read from LLM1A12,2282,0,A2 | 260 | 4 | 0 | 3,935,394:85:0 | |
| 709 | 97 | 120 | 16:10:00.333 | 488CO6C | 6TMSED | FILL,AL7 | Sci, Eng, and D/L Chan | 260 | 4 | 0 | 3,935,406:45:0 | |
| 710 | 97 | 120 | 16:12:26.333 | 488CO6D | 6TMSED | FILL,AL8 | Sci, Eng, and D/L Chan | 260 | 4 | 0 | 3,935,408:82:0 | |
| 711 | 97 | 120 | 16:14:06.333 | 488CO6E | 6TMSED | NORM,AL8 | Sci, Eng, and D/L Chan | 260 | 4 | 0 | 3,935,410:50:0 | |
| **712** | **97** | **120** | **16:19:53.666** | **31A5C** | **37IRT** | | **Instrument Reset (goes into POR state)** | **260** | **4** | **0** | **3,935,416:25:0** | |
| **713** | **97** | **120** | **16:26:39.000** | **31N5A** | **37MN** | | **Memory Normal (software operates from ROM)** | **260** | **4** | **0** | **3,935,422:87:0** | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 714 | 97 | 120 | 18:31:06.333 | 488CP6A | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 260 | 4 | 0 | 3,935,546 | 04:0 |
| 715 | 97 | 120 | 19:04:56.266 | 488CP6B | 6TMSED | FILL,AL7 | Sci, Eng, and D/L Chan | 260 | 4 | 0 | 3,935,579 | 46:0 |
| 716 | 97 | 120 | 19:07:22.266 | 488CP6C | 6TMSED | FILL,AL8 | Sci, Eng, and D/L Chan | 260 | 4 | 0 | 3,935,581 | 83:0 |
| 717 | 97 | 120 | 19:09:02.266 | 488CP6D | 6TMSED | NORM,AL8 | Sci, Eng, and D/L Chan | 260 | 4 | 0 | 3,935,583 | 51:0 |
| 718 | 97 | 120 | 19:40:58.266 | 488CP6E | 6TMSED | FILL,AL8 | Sci, Eng, and D/L Chan | 260 | 4 | 0 | 3,935,615 | 13:0 |
| 719 | 97 | 120 | 19:59:22.933 | 488CQ6A | 6TMSED | NORM,AL8 | Sci, Eng, and D/L Chan | 260 | 4 | 0 | 3,935,633 | 32:0 |
| 720 | 97 | 120 | 21:26:02.266 | 488CQ6B | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 260 | 4 | 0 | 3,935,719 | 05:0 |
| 721 | 97 | 121 | 00:25:14.266 | 488CQ6C | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 260 | 4 | 0 | 3,935,896 | 26:0 |
| **722** | **97** | **121** | **00:54:21.733** | **G7NNOPCAL_01-** | | **-----START------** | | **260** | **4** | **0** | **:** | **:** |
| 723 | 97 | 121 | 00:58:14.266 | 125DN | NIMSINIT | GS | ##### GROUP START INIT | 260 | 4 | 0 | 3,935,928 | 84:0 |
| **724** | **97** | **121** | **00:58:14.266** | **125DN4A** | **37IST** | **1,0,0,OFF,0,0,0** | **Chopper ON, Sync, 63Hz (Ref)** | **260** | **4** | **0** | **3,935,928** | **84:0** |
| **725** | **97** | **121** | **00:59:14.933** | **125DN4B** | **37IST** | **1,2,0,OFF,0,0,0** | **Chopper ON, Sync, Chopper (Ref)** | **2R0** | **4** | **0** | **3,935,929** | **84:0** |
| 726 | 97 | 121 | 00:59:14.933 | 125DN11A | NIMSINIT | GE | ##### GROUP END INIT | 2R0 | 4 | 0 | 3,935,929 | 84:0 |
| **727** | **97** | **121** | **01:03:17.600** | **125DA4A** | **37IST** | **0,0,0,OFF,0,1,1** | **Gain State 4** | **4R0** | **4** | **0** | **3,935,933** | **84:0** |
| 728 | 97 | 121 | 01:03:17.600 | 125DA | NIMSINIT | GS | ##### GROUP START INIT | 4R0 | 4 | 0 | 3,935,933 | 84:0 |
| 729 | 97 | 121 | 01:04:18.266 | 125DA11A | NIMSINIT | GE | ##### GROUP END INIT | 4R0 | 4 | 0 | 3,935,934 | 84:0 |
| **730** | **97** | **121** | **01:04:18.266** | **125DA4B** | **37MB** | **1B,1B,0,0,0,0** | **Selects mirror (spatial) edit table** | **4R0** | **4** | **0** | **3,935,934** | **84:0** |
| 731 | 97 | 121 | 01:07:20.266 | 127DA | NIMSTAB | GS | %%%%% GROUP START TAB | 4R0 | 4 | 0 | 3,935,937 | 84:0 |
| **732** | **97** | **121** | **01:07:20.266** | **127DA4A** | **37IOP** | **3,0** | **Long Map, Grating Start Position =00** | **4R3** | **4** | **0** | **3,935,937** | **84:0** |
| **733** | **97** | **121** | **01:07:20.933** | **127DA4B** | **37ETB** | **07,C7,31,87,00,0** | **Loads wavelength edit table** | **4R3** | **4** | **0** | **3,935,937** | **85:0** |
| 734 | 97 | 121 | 01:07:30.266 | 127DA11A | NIMSTAB | GE | %%%%% GROUP END TAB | 4R3 | 4 | 0 | 3,935,938 | 08:0 |
| **735** | **97** | **121** | **01:08:21.600** | **33D4A** | **37ETB** | **07,C7,31,E7,00,0** | **Loads wavelength edit table** | **4R3** | **4** | **0** | **3,935,938** | **85:0** |
| **736** | **97** | **121** | **01:08:45.600** | **432DA6A** | **6RTSL2** | **NIMSEL,AACNCG,RT** | **NIMS R/T SELECT** | **4R3** | **4** | **0** | **3,935,939** | **30:0** |
| 737 | 97 | 121 | 01:09:21.600 | 125DI11A | NIMSINIT | GE | ##### GROUP END INIT | 4R3 | 4 | 0 | 3,935,939 | 84:0 |
| **738** | **97** | **121** | **01:09:21.600** | **125DI4A** | **37IST** | **0,2,1,OFF,1,0,1** | **OPCAL** | **4R3** | **4** | **0** | **3,935,939** | **84:0** |
| 739 | 97 | 121 | 01:09:21.600 | 125DI | NIMSINIT | GS | ##### GROUP START INIT | 4R3 | 4 | 0 | 3,935,939 | 84:0 |
| **740** | **97** | **121** | **01:11:22.933** | **125DJ4A** | **37IST** | **0,2,1,OFF,1,0,1** | **OPCAL** | **4R3** | **4** | **0** | **3,935,941** | **84:0** |
| 741 | 97 | 121 | 01:11:22.933 | 125DJ11A | NIMSINIT | GE | ##### GROUP END INIT | 4R3 | 4 | 0 | 3,935,941 | 84:0 |
| 742 | 97 | 121 | 01:11:22.933 | 125DJ | NIMSINIT | GS | ##### GROUP START INIT | 4R3 | 4 | 0 | 3,935,941 | 84:0 |
| **743** | **97** | **121** | **01:11:46.266** | **432DI6A** | **6RTDS2** | **NIMDSL,AACNCG,RT** | **NIMS R/T DESELECT** | **4R3** | **4** | **0** | **3,935,942** | **28:0** |
| 744 | 97 | 121 | 01:12:23.600 | 125EU | NIMSINIT | GS | ##### GROUP START INIT | 4R3 | 4 | 0 | 3,935,942 | 84:0 |
| 745 | 97 | 121 | 01:12:23.600 | 125EU11A | NIMSINIT | GE | ##### GROUP END INIT | 4R3 | 4 | 0 | 3,935,942 | 84:0 |
| **746** | **97** | **121** | **01:12:23.600** | **125EU4A** | **37MB** | **0,0,0,0,0,0** | **Selects mirror (spatial) edit table** | **4R3** | **4** | **0** | **3,935,942** | **84:0** |
| 747 | 97 | 121 | 01:13:24.266 | 127DX | NIMSTAB | GS | %%%%% GROUP START TAB | 4R3 | 4 | 0 | 3,935,943 | 84:0 |
| **748** | **97** | **121** | **01:13:24.266** | **127DX4A** | **37IOP** | **0,0** | **Safe, Grating Start Position =00** | **4R0** | **4** | **0** | **3,935,943** | **84:0** |
| **749** | **97** | **121** | **01:13:24.933** | **127DX4B** | **37ETB** | **04,C4,02,00,00** | **Loads wavelength edit table** | **4R0** | **4** | **0** | **3,935,943** | **85:0** |
| 750 | 97 | 121 | 01:13:34.266 | 127DX11A | NIMSTAB | GE | %%%%% GROUP END TAB | 4R0 | 4 | 0 | 3,935,944 | 08:0 |
| 751 | 97 | 121 | 01:14:18.266 | 488CQ6D | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4R0 | 4 | 0 | 3,935,944 | 74:0 |
| **752** | **97** | **121** | **01:14:24.933** | **125FZ4A** | **37IST** | **1,0,0,OFF,0,0,0** | **Chopper ON, Sync, 63Hz (Ref)** | **460** | **4** | **0** | **3,935,944** | **84:0** |
| 753 | 97 | 121 | 01:14:24.933 | 125FZ | NIMSINIT | GS | ##### GROUP START INIT | 460 | 4 | 0 | 3,935,944 | 84:0 |
| 754 | 97 | 121 | 01:15:25.600 | 125FZ11A | NIMSINIT | GE | ##### GROUP END INIT | 460 | 4 | 0 | 3,935,945 | 84:0 |
| **755** | **97** | **121** | **01:15:25.600** | **125FZ4B** | **37IST** | **1,1,0,OFF,0,0,0** | **Chopper OFF, N/A, 63Hz (Ref)** | **4O0** | **4** | **0** | **3,935,945** | **84:0** |
| **756** | **97** | **121** | **01:16:36.400** | **G7NNOPCAL_01-** | | **-----STOP-------** | | **4O0** | **4** | **0** | **:** | **:** |
| 757 | 97 | 121 | 02:01:14.266 | 488CR6A | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,935,991 | 21:0 |
| 758 | 97 | 121 | 02:05:13.600 | 488CR6B | 6TMSED | FILL,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,935,995 | 16:0 |
| 759 | 97 | 121 | 02:09:46.266 | 488CR6C | 6TMSED | FILL,AL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,935,999 | 61:0 |
| 760 | 97 | 121 | 02:32:39.600 | 488CR6D | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,936,022 | 28:0 |
| 761 | 97 | 121 | 02:37:30.266 | 488CR6E | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,936,027 | 09:0 |
| 762 | 97 | 121 | 02:58:50.266 | 488CS6A | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,936,048 | 18:0 |
| 763 | 97 | 121 | 03:49:40.933 | 488CS6B | 6TMSED | FILL,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,936,098 | 44:0 |
| 764 | 97 | 121 | 04:18:20.266 | 488CS6C | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,936,126 | 75:0 |
| 765 | 97 | 121 | 09:23:42.933 | 488CT6A | 6TMSED | FILL,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,936,428 | 77:0 |
| 766 | 97 | 121 | 09:33:30.266 | 488CT6B | 6TMSED | FILL,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,936,438 | 48:0 |
| 767 | 97 | 121 | 14:30:37.600 | 488CT6C | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,936,732 | 35:0 |
| 768 | 97 | 121 | 15:08:26.266 | 488CT6D | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,936,769 | 71:0 |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 769 | 97 | 121 | 16:08:10.266 | 488CU6A | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,936,828:78:0 | |
| 770 | 97 | 121 | 18:20:08.266 | 488CU6B | 6TMSED | FILL,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,936,959:34:0 | |
| 771 | 97 | 121 | 18:22:34.266 | 488CU6C | 6TMSED | FILL,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,936,961:71:0 | |
| 772 | 97 | 121 | 18:24:14.266 | 488CU6D | 6TMSED | NORM,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,936,963:39:0 | |
| 773 | 97 | 121 | 22:04:26.266 | 488CU6E | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,937,181:19:0 | |
| 774 | 97 | 122 | 00:00:00.266 | 481UH4A | 7VECT | | Inert vect update UTC | 4O0 | 4 | 0 | 3,937,295:46:0 | |
| 775 | 97 | 122 | 00:20:58.266 | 488CV6A | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,937,316:22:0 | |
| 776 | 97 | 122 | 01:16:26.200 | 488CV6B | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,937,371:09:0 | |
| 777 | 97 | 122 | 02:00:00.200 | 481AI4A | 7VECT | | Inert vect update UTC | 4O0 | 4 | 0 | 3,937,414:17:0 | |
| 778 | 97 | 122 | 02:01:14.200 | 488CV6C | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,937,415:37:0 | |
| 779 | 97 | 122 | 02:22:34.200 | 488CV6D | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,937,436:46:0 | |
| 780 | 97 | 122 | 02:48:10.200 | 488CV6E | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,937,461:75:0 | |
| 781 | 97 | 122 | 03:39:32.200 | 488CW6A | 6TMSED | FILL,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,937,512:57:0 | |
| 782 | 97 | 122 | 04:08:11.533 | 488CW6B | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,937,540:88:0 | |
| 783 | 97 | 122 | 09:20:42.200 | 488CW6C | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,937,850:04:0 | |
| 784 | 97 | 122 | 09:48:26.200 | 488CX6A | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,937,877:43:0 | |
| 785 | 97 | 122 | 10:54:29.533 | 488CX6B | 6TMSED | FILL,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,937,942:73:0 | |
| 786 | 97 | 122 | 11:23:08.200 | 488CX6C | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,937,971:12:0 | |
| 787 | 97 | 122 | 14:23:38.200 | 488CX6D | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,938,149:59:0 | |
| 788 | 97 | 122 | 14:27:54.200 | 488CX6E | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,938,153:79:0 | |
| 789 | 97 | 122 | 16:05:44.200 | 488CY6A | 6TMSED | FILL,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,938,250:57:0 | |
| 790 | 97 | 122 | 16:08:10.200 | 488CY6B | 6TMSED | FILL,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,938,253:03:0 | |
| 791 | 97 | 122 | 16:09:50.200 | 488CY6C | 6TMSED | NORM,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,938,254:62:0 | |
| 792 | 97 | 122 | 18:00:21.533 | 432JD431A6A | 6RCDSL | DDSNCG,PLSDSL,EP | Record Deselect (DDS o | 4O0 | 4 | 0 | 3,938,363:90:0 | |
| **793** | **97** | **122** | **18:00:22.200** | **432JD6B** | **6RTSL2** | **NIMNCG,AACSEL,RT** | **AACS SELECT** | **4O0** | **4** | **0** | **3,938,364:00:0** | |
| 794 | 97 | 122 | 18:00:22.200 | 432JD6A | 6RTSL1 | | R/T Select of DDS and | 4O0 | 4 | 0 | 3,938,364:00:0 | |
| 795 | 97 | 122 | 19:30:40.200 | 488CY6D | 6TMSED | FILL,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,938,453:28:0 | |
| 796 | 97 | 122 | 19:49:04.866 | 488CY6E | 6TMSED | NORM,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,938,471:47:0 | |
| 797 | 97 | 122 | 22:21:30.200 | 488CZ6A | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,938,622:24:0 | |
| 798 | 97 | 123 | 00:14:34.200 | 488CZ6B | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,938,734:08:0 | |
| 799 | 97 | 123 | 01:16:26.200 | 488CZ6C | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,938,795:25:0 | |
| 800 | 97 | 123 | 01:54:50.200 | 488CZ6D | 6TMSED | NORM,AL2 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,938,833:23:0 | |
| 801 | 97 | 123 | 02:18:18.200 | 488CZ6E | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,938,856:42:0 | |
| 802 | 97 | 123 | 02:43:54.200 | 488DA6A | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,938,881:71:0 | |
| 803 | 97 | 123 | 03:34:23.533 | 488DA6B | 6TMSED | FILL,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,938,931:65:0 | |
| 804 | 97 | 123 | 04:03:02.200 | 488DA6C | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,938,960:04:0 | |
| 805 | 97 | 123 | 10:33:14.133 | 488DB6A | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,939,345:87:0 | |
| 806 | 97 | 123 | 11:17:06.800 | 488DB6B | 6TMSED | FILL,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,939,389:32:0 | |
| 807 | 97 | 123 | 11:41:12.800 | 488DB6C | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,939,413:17:0 | |
| 808 | 97 | 123 | 14:12:58.133 | 488DB6D | 6TMSED | NORM,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,939,563:25:0 | |
| 809 | 97 | 123 | 15:25:12.133 | 488DB6E | 6TMSED | FILL,AL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,939,634:65:0 | |
| 810 | 97 | 123 | 15:27:38.133 | 488DC6A | 6TMSED | FILL,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,939,637:11:0 | |
| 811 | 97 | 123 | 15:29:18.133 | 488DC6B | 6TMSED | NORM,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,939,638:70:0 | |
| 812 | 97 | 123 | 15:46:18.133 | 488DC6C | 6TMSED | FILL,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,939,655:53:0 | |
| 813 | 97 | 123 | 16:51:42.800 | 488DC6D | 6TMSED | NORM,AL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,939,720:25:0 | |
| 814 | 97 | 123 | 17:59:10.800 | 176SS6A | 6TMREC | **TPB** | TERMINATE PLAYBACK (PB CONTROL) Record Mo | 4O0 | 4 | 0 | 3,939,787:00:0 | |
| 815 | 97 | 123 | 18:02:00.133 | 488DC6E | 6TMSED | NORM,IL8 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,939,789:72:0 | |
| 816 | 97 | 123 | 18:07:16.133 | | DMS: | : *US-RUNUP | P7, TRACK *1, *FWD, TIC 5765.13 +/- | 4O0 | 4 | 0 | 3,939,795:00:0 | |
| 817 | 97 | 123 | 18:07:16.133 | | DMS: | : *SLEW-TIC | P7, TRACK *2, REV, TIC 5765.13 +/- | 4O0 | 4 | 0 | 3,939,795:00:0 | |
| 818 | 97 | 123 | 18:07:16.133 | 465WA6A | 6DMST | 5000 | DMS Slew to TIC | 4O0 | 4 | 0 | 3,939,795:00:0 | |
| 819 | 97 | 123 | 18:07:17.533 | | DMS: | : *US_AT_SP | P7, TRACK 1, FWD, TIC *5765.25 +/- | 4O0 | 4 | 0 | 3,939,795:02:1 | |
| 820 | 97 | 123 | 18:07:22.800 | | DMS: | : *US_RD | P7, TRACK 1, FWD, TIC *5766.48 +/- | 4O0 | 4 | 0 | 3,939,795:10:0 | |
| 821 | 97 | 123 | 18:07:24.000 | | DMS: | : *RUNUP | P7, TRACK *2, *REV, TIC *5766.54 +/- | 4O0 | 4 | 0 | 3,939,795:11:8 | |
| 822 | 97 | 123 | 18:07:25.400 | | DMS: | : *AT_SPD | P7, TRACK 2, REV, TIC *5766.42 +/- | 4O0 | 4 | 0 | 3,939,795:13:9 | |
| 823 | 97 | 123 | 19:01:54.266 | | DMS: | **: *RUNDOWN** | P7, TRACK 2, REV, TIC *5000.06 +/- | 4O0 | 4 | 0 | 3,939,849:03:2 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 824 | 97 | 123 | 19:01:55.466 | | DMS: | : *READY | RDY, TRACK 2, REV, TIC *5000.00 +/- | 4O0 | 4 | 0 | 3,939,849:05:0 | |
| 825 | 97 | 123 | 22:25:46.133 | 488DD6A | 6TMSED | NORM,IL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,940,050:60:0 | |
| 826 | 97 | 124 | 00:00:57.466 | 465WB6A | 6DMSC | P100,4 | DMS Control Tape P/B 100.8kbps | 4O0 | 4 | 0 | 3,940,144:73:0 | |
| 827 | 97 | 124 | 00:00:57.466 | | DMS: | : *US-RUNUP | P7, TRACK *1, *FWD, TIC 5000.00 +/- | 4O0 | 4 | 0 | 3,940,144:73:0 | |
| 828 | 97 | 124 | 00:00:58.866 | | DMS: | : *US_AT_SP | P7, TRACK 1, FWD, TIC *5000.12 +/- | 4O0 | 4 | 0 | 3,940,144:75:1 | |
| 829 | 97 | 124 | 00:01:04.133 | | DMS: | : *US_RD | P7, TRACK 1, FWD, TIC *5001.35 +/- | 4O0 | 4 | 0 | 3,940,144:83:0 | |
| 830 | 97 | 124 | 00:01:05.333 | | DMS: | : *RUNUP | P100, TRACK *4, *REV, TIC *5001.41 +/- | 4O0 | 4 | 0 | 3,940,144:84:8 | |
| 831 | 97 | 124 | 00:01:09.200 | | DMS: | : *P_SLEW | P100, TRACK 4, REV, TIC *4995.91 +/- | 4O0 | 4 | 0 | 3,940,144:90:6 | |
| 832 | 97 | 124 | 00:01:09.200 | | DMS: | : *AT_SPD | P100, TRACK 4, REV, TIC 4995.91 +/- | 4O0 | 4 | 0 | 3,940,144:90:6 | |
| 833 | 97 | 124 | 00:10:18.133 | 488DD6B | 6TMSED | NORM,IL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,940,154:04:0 | |
| 834 | 97 | 124 | 00:15:00.133 | 488DD6C | 6TMSED | NORM,AL6 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,940,158:63:0 | |
| 835 | 97 | 124 | 00:26:49.466 | | DMS: | **: *RUNDOWN** | P100, TRACK 4, REV, TIC * 257.79 +/- | 4O0 | 4 | 0 | 3,940,170:35:0 | |
| 836 | 97 | 124 | 00:26:49.466 | 465WB6B | 6DMSC | RDY,4 | DMS Control Tape stop | 4O0 | 4 | 0 | 3,940,170:35:0 | |
| 837 | 97 | 124 | 00:26:50.666 | | DMS: | : *READY | RDY, TRACK 4, REV, TIC * 256.99 +/- | 4O0 | 4 | 0 | 3,940,170:36:8 | |
| 838 | 97 | 124 | 01:00:02.800 | 20BA4A | **7SAFE** | **UNSTOW** | S/P TO 153 deg cone | 4O0 | 4 | 0 | 3,940,203:22:0 | |
| 839 | 97 | 124 | 01:10:02.133 | 488DD6D | 6TMSED | NORM,AL5 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,940,213:11:0 | |
| 840 | 97 | 124 | 01:54:50.133 | 488DD6E | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,940,257:39:0 | |
| 841 | 97 | 124 | 01:57:02.800 | 488DE6A | 6TMSED | FILL,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,940,259:56:0 | |
| 842 | 97 | 124 | 02:14:07.466 | 488DE6B | 6TMSED | NORM,AL3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,940,276:46:0 | |
| 843 | 97 | 124 | 02:19:00.133 | 488DE6C | 6TMSED | NORM,AH3 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,940,281:30:0 | |
| 844 | 97 | 124 | 02:25:38.133 | | DMS: | : *DMS-TURN | P7, TRACK 4, REV, TIC 256.99 +/- | 4O0 | 4 | 0 | 3,940,287:81:0 | |
| 845 | 97 | 124 | 02:25:38.133 | 465WC6A | 6DTRN | CMD,6DTRN,465WC6 | DMS TRACK TURNAROUND | 4O0 | 4 | 0 | 3,940,287:81:0 | |
| 846 | 97 | 124 | 02:25:38.133 | | DMS: | : *US-RUNUP | P7, TRACK *1, *FWD, TIC 256.99 +/- | 4O0 | 4 | 0 | 3,940,287:81:0 | |
| 847 | 97 | 124 | 02:25:39.533 | | DMS: | : *US_AT_SP | P7, TRACK 1, FWD, TIC * 257.11 +/- | 4O0 | 4 | 0 | 3,940,287:83:1 | |
| 848 | 97 | 124 | 02:25:44.800 | | DMS: | : *US_RD | P7, TRACK 1, FWD, TIC * 258.34 +/- | 4O0 | 4 | 0 | 3,940,288:00:0 | |
| 849 | 97 | 124 | 02:25:46.000 | | DMS: | : *RUNUP | P7, TRACK *4, *REV, TIC * 258.40 +/- | 4O0 | 4 | 0 | 3,940,288:01:8 | |
| 850 | 97 | 124 | 02:25:47.400 | | DMS: | : *AT_SPD | P7, TRACK 4, REV, TIC * 258.28 +/- | 4O0 | 4 | 0 | 3,940,288:03:9 | |
| 851 | 97 | 124 | 02:29:58.733 | | DMS: | : *REVERSE | P7, TRACK 4, REV, TIC * 199.37 +/- | 4O0 | 4 | 0 | 3,940,292:16:9 | |
| 852 | 97 | 124 | 02:29:59.933 | | DMS: | : *RUNUP | P7, TRACK 1, FWD, TIC 199.31 +/- | 4O0 | 4 | 0 | 3,940,292:18:7 | |
| 853 | 97 | 124 | 02:29:59.933 | | DMS: | : *TURNARND | P7, TRACK *1, *FWD, TIC * 199.31 +/- | 4O0 | 4 | 0 | 3,940,292:18:7 | |
| 854 | 97 | 124 | 02:30:01.333 | | DMS: | : *AT_SPD | P7, TRACK 1, FWD, TIC * 199.43 +/- | 4O0 | 4 | 0 | 3,940,292:20:8 | |
| 855 | 97 | 124 | 02:30:13.333 | | DMS: | : *AUTOSTOP | P7, TRACK 1, FWD, TIC * 201.56 +/- | 4O0 | 4 | 0 | 3,940,292:38:8 | |
| 856 | 97 | 124 | 02:30:14.533 | | DMS: | : *READY | RDY, TRACK 1, FWD, TIC * 201.62 +/- | 4O0 | 4 | 0 | 3,940,292:40:6 | |
| 857 | 97 | 124 | 02:35:40.800 | 465WD6A | 6DMSC | P100,1 | DMS Control Tape P/B 100.8kbps | 4O0 | 4 | 0 | 3,940,297:75:0 | |
| 858 | 97 | 124 | 02:35:40.800 | | DMS: | : *E4-DELAY | RDY, TRACK 1, FWD, TIC 201.62 +/- | 4O0 | 4 | 0 | 3,940,297:75:0 | |
| 859 | 97 | 124 | 02:35:47.466 | | DMS: | : *RUNUP | P100, TRACK 1, FWD, TIC 201.62 +/- | 4O0 | 4 | 0 | 3,940,297:85:0 | |
| 860 | 97 | 124 | 02:35:51.333 | | DMS: | : *AT_SPD | P100, TRACK 1, FWD, TIC 207.12 +/- | 4O0 | 4 | 0 | 3,940,297:90:8 | |
| 861 | 97 | 124 | 02:35:51.333 | | DMS: | : *P_SLEW | P100, TRACK 1, FWD, TIC * 207.12 +/- | 4O0 | 4 | 0 | 3,940,297:90:8 | |
| 862 | 97 | 124 | 02:37:30.133 | 488DE6D | 6TMSED | NORM,AH4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,940,299:57:0 | |
| 863 | 97 | 124 | 03:07:34.800 | 465WD6B | 6DMSC | RDY,1 | DMS Control Tape stop | 4O0 | 4 | 0 | 3,940,329:34:0 | |
| 864 | 97 | 124 | 03:07:34.800 | | DMS: | **: *RUNDOWN** | P100, TRACK 1, FWD, TIC *6062.51 +/- | 4O0 | 4 | 0 | 3,940,329:34:0 | |
| 865 | 97 | 124 | 03:07:36.000 | | DMS: | : *READY | RDY, TRACK 1, FWD, TIC *6063.31 +/- | 4O0 | 4 | 0 | 3,940,329:35:8 | |
| 866 | 97 | 124 | 03:23:10.800 | 465WE6A | 6DMSC | P100,2 | DMS Control Tape P/B 100.8kbps | 4O0 | 4 | 0 | 3,940,344:73:0 | |
| 867 | 97 | 124 | 03:23:10.800 | | DMS: | : *US-RUNUP | P7, TRACK 1, FWD, TIC 6063.31 +/- | 4O0 | 4 | 0 | 3,940,344:73:0 | |
| 868 | 97 | 124 | 03:23:12.200 | | DMS: | : *US_AT_SP | P7, TRACK 1, FWD, TIC *6063.43 +/- | 4O0 | 4 | 0 | 3,940,344:75:1 | |
| 869 | 97 | 124 | 03:23:17.466 | | DMS: | : *US_RD | P7, TRACK 1, FWD, TIC *6064.67 +/- | 4O0 | 4 | 0 | 3,940,344:83:0 | |
| 870 | 97 | 124 | 03:23:18.666 | | DMS: | : *RUNUP | P100, TRACK *2, *REV, TIC *6064.73 +/- | 4O0 | 4 | 0 | 3,940,344:84:8 | |
| 871 | 97 | 124 | 03:23:22.533 | | DMS: | : *AT_SPD | P100, TRACK 2, REV, TIC 6059.23 +/- | 4O0 | 4 | 0 | 3,940,344:90:6 | |
| 872 | 97 | 124 | 03:23:22.533 | | DMS: | : *P_SLEW | P100, TRACK 2, REV, TIC *6059.23 +/- | 4O0 | 4 | 0 | 3,940,344:90:6 | |
| 873 | 97 | 124 | 03:34:13.466 | 488DE6E | 6TMSED | FILL,AH4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,940,355:66:0 | |
| 874 | 97 | 124 | 03:55:18.800 | 465WF6A | 6DMSC | P100,3 | DMS Control Tape P/B 100.8kbps | 4O0 | 4 | 0 | 3,940,376:53:0 | |
| 875 | 97 | 124 | 03:55:18.800 | | DMS: | **: *RUNDOWN** | P100, TRACK 2, REV, TIC * 164.46 +/- | 4O0 | 4 | 0 | 3,940,376:53:0 | |
| 876 | 97 | 124 | 03:55:20.000 | | DMS: | : *RUNUP | P100, TRACK *3, *FWD, TIC * 163.66 +/- | 4O0 | 4 | 0 | 3,940,376:54:8 | |
| 877 | 97 | 124 | 03:55:23.866 | | DMS: | : *AT_SPD | P100, TRACK 3, FWD, TIC 169.16 +/- | 4O0 | 4 | 0 | 3,940,376:60:6 | |
| 878 | 97 | 124 | 03:55:23.866 | | DMS: | : *P_SLEW | P100, TRACK 3, FWD, TIC * 169.16 +/- | 4O0 | 4 | 0 | 3,940,376:60:6 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 879 | 97 | 124 | 04:02:52.133 | 488DF6A | 6TMSED | NORM,AH4 | | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,940,384:05:0 | |
| 880 | 97 | 124 | 04:27:19.466 | | DMS: | **: *RUNDOWN** | | P100, TRACK 3, FWD, TIC *6061.88 +/- | 4O0 | 4 | 0 | 3,940,408:22:0 | |
| 881 | 97 | 124 | 04:27:19.466 | 465WF6B | 6DMSC | RDY,3 | | DMS Control Tape stop | 4O0 | 4 | 0 | 3,940,408:22:0 | |
| 882 | 97 | 124 | 04:27:20.666 | | DMS: | : *READY | | RDY, TRACK 3, FWD, TIC *6062.68 +/- | 4O0 | 4 | 0 | 3,940,408:23:8 | |
| 883 | 97 | 124 | 04:42:02.800 | | DMS: | : *US-RUNUP | | P7, TRACK *1, FWD, TIC 6062.68 +/- | 4O0 | 4 | 0 | 3,940,422:73:0 | |
| 884 | 97 | 124 | 04:42:02.800 | 465WG6A | 6DMSC | P100,4 | | DMS Control Tape P/B 100.8kbps | 4O0 | 4 | 0 | 3,940,422:73:0 | |
| 885 | 97 | 124 | 04:42:04.200 | | DMS: | : *US_AT_SP | | P7, TRACK 1, FWD, TIC *6062.80 +/- | 4O0 | 4 | 0 | 3,940,422:75:1 | |
| 886 | 97 | 124 | 04:42:09.466 | | DMS: | : *US_RD | | P7, TRACK 1, FWD, TIC *6064.03 +/- | 4O0 | 4 | 0 | 3,940,422:83:0 | |
| 887 | 97 | 124 | 04:42:10.666 | | DMS: | : *RUNUP | | P100, TRACK *4, *REV, TIC *6064.09 +/- | 4O0 | 4 | 0 | 3,940,422:84:8 | |
| 888 | 97 | 124 | 04:42:14.533 | | DMS: | : *AT_SPD | | P100, TRACK 4, REV, TIC 6058.59 +/- | 4O0 | 4 | 0 | 3,940,422:90:6 | |
| 889 | 97 | 124 | 04:42:14.533 | | DMS: | : *P_SLEW | | P100, TRACK 4, REV, TIC *6058.59 +/- | 4O0 | 4 | 0 | 3,940,422:90:6 | |
| 890 | 97 | 124 | 05:14:10.133 | 465WH6A | 6DMSC | P100,3 | | DMS Control Tape P/B 100.8kbps | 4O0 | 4 | 0 | 3,940,454:52:0 | |
| 891 | 97 | 124 | 05:14:10.133 | | DMS: | **: *RUNDOWN** | | P100, TRACK 4, REV, TIC * 165.88 +/- | 4O0 | 4 | 0 | 3,940,454:52:0 | |
| 892 | 97 | 124 | 05:14:11.333 | | DMS: | : *RUNUP | | P100, TRACK *3, *FWD, TIC * 165.08 +/- | 4O0 | 4 | 0 | 3,940,454:53:8 | |
| 893 | 97 | 124 | 05:14:15.200 | | DMS: | : *P_SLEW | | P100, TRACK 3, FWD, TIC * 170.58 +/- | 4O0 | 4 | 0 | 3,940,454:59:6 | |
| 894 | 97 | 124 | 05:14:15.200 | | DMS: | : *AT_SPD | | P100, TRACK 3, FWD, TIC 170.58 +/- | 4O0 | 4 | 0 | 3,940,454:59:6 | |
| 895 | 97 | 124 | 05:15:16.133 | | DMS: | **: *RUNDOWN** | | P100, TRACK 3, FWD, TIC * 358.02 +/- | 4O0 | 4 | 0 | 3,940,455:60:0 | |
| 896 | 97 | 124 | 05:15:16.133 | 465WH6B | 6DMSC | RDY,3 | | DMS Control Tape stop | 4O0 | 4 | 0 | 3,940,455:60:0 | |
| 897 | 97 | 124 | 05:15:17.333 | | DMS: | : *READY | | RDY, TRACK 3, FWD, TIC * 358.82 +/- | 4O0 | 4 | 0 | 3,940,455:61:8 | |
| 898 | 97 | 124 | 05:29:46.133 | | DMS: | : READY | | RDY, TRACK *4, *REV, TIC 358.82 +/- | 4O0 | 4 | 0 | 3,940,470:00:0 | |
| 899 | 97 | 124 | 05:29:46.133 | 465WI6A | 6DMSC | RDY,4 | | DMS Control Tape stop | 4O0 | 4 | 0 | 3,940,470:00:0 | |
| 900 | 97 | 124 | 05:30:40.133 | | DMS: | : *US-RUNUP | | P7, TRACK *1, *FWD, TIC 358.82 +/- | 4O0 | 4 | 0 | 3,940,470:81:0 | |
| 901 | 97 | 124 | 05:30:40.133 | | DMS: | : *DMS-TURN | | P7, TRACK 4, REV, TIC 358.82 +/- | 4O0 | 4 | 0 | 3,940,470:81:0 | |
| 902 | 97 | 124 | 05:30:40.133 | 465WJ6A | 6DTRN | CMD,6DTRN,465WJ6 | | DMS TRACK TURNAROUND | 4O0 | 4 | 0 | 3,940,470:81:0 | |
| 903 | 97 | 124 | 05:30:41.533 | | DMS: | : *US_AT_SP | | P7, TRACK 1, FWD, TIC * 358.94 +/- | 4O0 | 4 | 0 | 3,940,470:83:1 | |
| 904 | 97 | 124 | 05:30:46.800 | | DMS: | : *US_RD | | P7, TRACK 1, FWD, TIC * 360.17 +/- | 4O0 | 4 | 0 | 3,940,471:00:0 | |
| 905 | 97 | 124 | 05:30:48.000 | | DMS: | : *RUNUP | | P7, TRACK *4, *REV, TIC * 360.23 +/- | 4O0 | 4 | 0 | 3,940,471:01:8 | |
| 906 | 97 | 124 | 05:30:49.400 | | DMS: | : *AT_SPD | | P7, TRACK 4, REV, TIC * 360.11 +/- | 4O0 | 4 | 0 | 3,940,471:03:9 | |
| 907 | 97 | 124 | 05:42:15.200 | | DMS: | : *REVERSE | | P7, TRACK 4, REV, TIC * 199.37 +/- | 4O0 | 4 | 0 | 3,940,482:31:6 | |
| 908 | 97 | 124 | 05:42:16.400 | | DMS: | : *RUNUP | | P7, TRACK 1, FWD, TIC 199.31 +/- | 4O0 | 4 | 0 | 3,940,482:33:4 | |
| 909 | 97 | 124 | 05:42:16.400 | | DMS: | : *TURNARND | | P7, TRACK *1, *FWD, TIC * 199.31 +/- | 4O0 | 4 | 0 | 3,940,482:33:4 | |
| 910 | 97 | 124 | 05:42:17.800 | | DMS: | : *AT_SPD | | P7, TRACK 1, FWD, TIC * 199.43 +/- | 4O0 | 4 | 0 | 3,940,482:35:5 | |
| 911 | 97 | 124 | 05:42:29.800 | | DMS: | : *AUTOSTOP | | P7, TRACK 1, FWD, TIC * 201.56 +/- | 4O0 | 4 | 0 | 3,940,482:53:5 | |
| 912 | 97 | 124 | 05:42:31.000 | | DMS: | : *READY | | RDY, TRACK 1, FWD, TIC * 201.62 +/- | 4O0 | 4 | 0 | 3,940,482:55:3 | |
| 913 | 97 | 124 | 05:55:00.133 | 488DF6B | 6TMSED | NORM,AL4 | | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,940,494:87:0 | |
| 914 | 97 | 124 | 06:14:15.466 | | DMS: | : *E4-DELAY | | RDY, TRACK 1, FWD, TIC 201.62 +/- | 4O0 | 4 | 0 | 3,940,514:00:0 | |
| 915 | 97 | 124 | 06:14:15.466 | | DMS: | : *SLEW-TIC | | P7, TRACK 1, FWD, TIC 201.62 +/- | 4O0 | 4 | 0 | 3,940,514:00:0 | |
| 916 | 97 | 124 | 06:14:15.466 | | DMS: | : *TURNARND | | P7, TRACK 1, FWD, TIC 201.62 +/- | 4O0 | 4 | 0 | 3,940,514:00:0 | |
| 917 | 97 | 124 | 06:14:15.466 | 465KX6A | 6DMST | | 1770 | DMS Slew to TIC | 4O0 | 4 | 0 | 3,940,514:00:0 | |
| 918 | 97 | 124 | 06:14:22.133 | | DMS: | : *RUNUP | | P7, TRACK 1, FWD, TIC 201.62 +/- | 4O0 | 4 | 0 | 3,940,514:10:0 | |
| 919 | 97 | 124 | 06:14:23.533 | | DMS: | : *AT_SPD | | P7, TRACK 1, FWD, TIC * 201.74 +/- | 4O0 | 4 | 0 | 3,940,514:12:1 | |
| 920 | 97 | 124 | 08:05:53.600 | | DMS: | **: *RUNDOWN** | | P7, TRACK 1, FWD, TIC *1769.94 +/- | 4O0 | 4 | 0 | 3,940,624:37:2 | |
| 921 | 97 | 124 | 08:05:54.800 | | DMS: | : *READY | | RDY, TRACK 1, FWD, TIC *1770.00 +/- | 4O0 | 4 | 0 | 3,940,624:39:0 | |
| 922 | 97 | 124 | 08:10:32.133 | | DMS: | : READY | | RDY, TRACK *4, *REV, TIC 1770.00 +/- | 4O0 | 4 | 0 | 3,940,629:00:0 | |
| 923 | 97 | 124 | 08:10:32.133 | 465KZ6A | 6DMSC | RDY,4 | | DMS Control Tape stop | 4O0 | 4 | 0 | 3,940,629:00:0 | |
| 924 | 97 | 124 | 09:10:02.133 | 488DF6C | 6TMSED | NORM,AL3 | | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,940,687:77:0 | |
| 925 | 97 | 124 | 09:37:46.133 | 488DF6D | 6TMSED | NORM,AL4 | | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,940,715:25:0 | |
| 926 | 97 | 124 | 09:47:40.133 | 41WF99A | **POWER** | **PWR MODE change** | | Change to Calib/Decon Mode | 4O0 | 4 | 0 | 3,940,725:06:0 | |
| **927** | **97** | **124** | **09:47:44.133** | **41WF3G** | **37F2PR** | | **1** | **Shield Flash Heater OFF (primary relay)** | **4O0** | **4** | **0** | **3,940,725:12:0** | |
| **928** | **97** | **124** | **09:47:54.133** | **41WF3H** | **37F2PR** | | **2** | **Shield Flash Heater OFF (primary relay)** | **4O0** | **4** | **0** | **3,940,725:27:0** | |
| **929** | **97** | **124** | **09:48:04.133** | **41WF3I** | **40T1PR** | | **1** | **PCT Heater 1 OFF (primary relay)** | **4O0** | **4** | **0** | **3,940,725:42:0** | |
| **930** | **97** | **124** | **09:48:14.133** | **41WF3J** | **40T1PR** | | **2** | **PCT Heater 1 OFF (primary relay)** | **4O0** | **4** | **0** | **3,940,725:57:0** | |
| **931** | **97** | **124** | **09:48:24.133** | **41WF3K** | **40T2R** | | **1** | **PCT Heater 2 OFF** | **4O0** | **4** | **0** | **3,940,725:72:0** | |
| **932** | **97** | **124** | **09:48:34.133** | **41WF3L** | **40T2R** | | **2** | **PCT Heater 2 OFF** | **4O0** | **4** | **0** | **3,940,725:87:0** | |
| 933 | 97 | 124 | 09:59:34.133 | 175ZQ422A6A | 6DMSC | R7,0 | | DMS Control Tape runup 7.68kps | 4O0 | 4 | 0 | 3,940,736:76:0 | |

| Line | YR | DOY | SCET - GMT | PSID | Command | Parameters | Description | GCM | GO | GS | RIM | MF I |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 934 | 97 | 124 | 09:59:34.133 | | DMS: | : *US-RUNUP | P7, TRACK *1, *FWD, TIC 1770.00 +/- | 4O0 | 4 | 0 | 3,940,736:76:0 | |
| 935 | 97 | 124 | 09:59:35.533 | | DMS: | : *US_AT_SP | P7, TRACK 1, FWD, TIC *1770.12 +/- | 4O0 | 4 | 0 | 3,940,736:78:1 | |
| 936 | 97 | 124 | 09:59:40.800 | | DMS: | : *US_RD | P7, TRACK 1, FWD, TIC *1771.35 +/- | 4O0 | 4 | 0 | 3,940,736:86:0 | |
| 937 | 97 | 124 | 09:59:42.000 | | DMS: | : *RUNUP | R7, TRACK *4, *REV, TIC *1771.41 +/- | 4O0 | 4 | 0 | 3,940,736:87:8 | |
| 938 | 97 | 124 | 09:59:43.400 | | DMS: | : *AT_SPD | R7, TRACK 4, REV, TIC 1771.29 +/- | 4O0 | 4 | 0 | 3,940,736:89:9 | |
| 939 | 97 | 124 | 09:59:43.400 | | DMS: | **: *RECORD** | R7, TRACK 4, REV, TIC *1771.29 +/- | 4O0 | 4 | 0 | 3,940,736:89:9 | |
| 940 | 97 | 124 | 09:59:43.466 | 175ZQ176A6A | 6TMREC | LPW | 7.68 KBPS LOW RATE SCI PWS RECORD Record | 4O0 | 4 | 0 | 3,940,736:90:0 | |
| 941 | 97 | 124 | 10:05:00.800 | 175ZQ422A6B | 6DMSC | RDY,0 | DMS Control Tape stop | 4O0 | 4 | 0 | 3,940,742:20:0 | |
| 942 | 97 | 124 | 10:05:00.800 | | DMS: | **: *RUNDOWN** | R7, TRACK 4, REV, TIC *1696.90 +/- | 4O0 | 4 | 0 | 3,940,742:20:0 | |
| 943 | 97 | 124 | 10:05:02.000 | | DMS: | : *READY | RDY, TRACK 4, REV, TIC *1696.84 +/- | 4O0 | 4 | 0 | 3,940,742:21:8 | |
| 944 | 97 | 124 | 10:07:53.466 | 41WG99A | **POWER** | **PWR MODE change** | Change to Data Taking Mode | 4O0 | 4 | 0 | 3,940,745:06:0 | |
| **945** | **97** | **124** | **10:07:57.466** | **41WG3K** | **37F2PR** | **1** | **Shield Flash Heater OFF (primary relay)** | **4O0** | **4** | **0** | **3,940,745:12:0** | |
| **946** | **97** | **124** | **10:08:07.466** | **41WG3L** | **37F2PR** | **2** | **Shield Flash Heater OFF (primary relay)** | **4O0** | **4** | **0** | **3,940,745:27:0** | |
| **947** | **97** | **124** | **10:08:17.466** | **41WG3A** | **40T1PR** | **1** | **PCT Heater 1 OFF (primary relay)** | **4O0** | **4** | **0** | **3,940,745:42:0** | |
| **948** | **97** | **124** | **10:08:27.466** | **41WG3B** | **40T1PR** | **2** | **PCT Heater 1 OFF (primary relay)** | **4O0** | **4** | **0** | **3,940,745:57:0** | |
| **949** | **97** | **124** | **10:08:37.466** | **41WG3C** | **40T2R** | **1** | **PCT Heater 2 OFF** | **4O0** | **4** | **0** | **3,940,745:72:0** | |
| **950** | **97** | **124** | **10:08:47.466** | **41WG3D** | **40T2R** | **2** | **PCT Heater 2 OFF** | **4O0** | **4** | **0** | **3,940,745:87:0** | |
| 951 | 97 | 124 | 10:44:10.133 | 488DG6A | 6TMSED | FILL,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,940,780:86:0 | |
| 952 | 97 | 124 | 11:12:49.466 | 488DG6B | 6TMSED | NORM,AL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,940,809:26:0 | |
| 953 | 97 | 124 | 11:45:00.133 | 488DG6C | 6TMSED | NORM,GL4 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,940,841:10:0 | |
| 954 | 97 | 124 | 14:19:22.066 | 488DG6D | 6TMSED | NORM,GL7 | Sci, Eng, and D/L Chan | 4O0 | 4 | 0 | 3,940,993:71:0 | |
| **955** | **97** | **124** | **16:00:00.000** | **20A3EW** | **37A** | **Final Condition** | **NIMS Power ON** | **4O0** | **4** | **0** | **3,941,093:27:9** | |
| **956** | **97** | **124** | **16:00:00.000** | **20A3EY** | **37C1PR** | **Final Condition** | **Optics Heater 1 OFF (primary relay)** | **4O0** | **4** | **0** | **3,941,093:27:9** | |
| **957** | **97** | **124** | **16:00:00.000** | **20A3FF** | **40T2R** | **Final Condition** | **PCT Heater 2 OFF** | **4O0** | **4** | **0** | **3,941,093:27:9** | |
| **958** | **97** | **124** | **16:00:00.000** | **20A3EX** | **37HR** | **Final Condition** | **Replacement Heaters OFF** | **4O0** | **4** | **0** | **3,941,093:27:9** | |
| **959** | **97** | **124** | **16:00:00.000** | **20A3FD** | **40HRPR** | **Final Condition** | **RCT Heater OFF (primary relay)** | **4O0** | **4** | **0** | **3,941,093:27:9** | |
| **960** | **97** | **124** | **16:00:00.000** | **20A3FE** | **40T1PR** | **Final Condition** | **PCT Heater 1 OFF (primary relay)** | **4O0** | **4** | **0** | **3,941,093:27:9** | |
| **961** | **97** | **124** | **16:00:00.000** | **20A3FB** | **37F2PR** | **Final Condition** | **Shield Flash Heater OFF (primary relay)** | **4O0** | **4** | **0** | **3,941,093:27:9** | |
| **962** | **97** | **124** | **16:00:00.000** | **20A3FA** | **37F1PR** | **Final Condition** | **Radiator Flash Heater OFF (primary relay)** | **4O0** | **4** | **0** | **3,941,093:27:9** | |
| **963** | **97** | **124** | **16:00:00.000** | **20A3EZ** | **37C2PR** | **Final Condition** | **Optics Heater 2 OFF (primary relay)** | **4O0** | **4** | **0** | **3,941,093:27:9** | |
| 964 | 97 | 124 | 16:00:00.066 | | DMS: | : READY | RDY, TRACK 4, REV, TIC 1696.84 +/- | 4O0 | 4 | 0 | 3,941,093:28:0 | |

# G7NNSTRCAL01

```
OAPEL:  G7NNSTRCAL01              ALIAS:  G7NNSTRCAL01
EXT:    A                         PSID:   DB
SCLK1:  03895309:00:0             SCLK2:  03895309:55:0
SCET1:    97-092/12:27:00.481     SCET2:    97-092/12:27:37.147
TARGET: CAL                       PARTITION: 1

MODE:      7                      GAIN:      4
CHOP:      1                      GRAT_OFF:  4
PTAB_A:    1 1 0 0 012            PTAB_B:    1 1 0 0 012
ECAL:      0                      OPCAL:     0
R/T:       0                      RECORD:    1

MB_DOWN:   00000                  MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                    EST_COMPV: 0.3
RATE_CON1: 00000                  RATE_CON2: 65525
NWAVETOT:   17                    TLMFMT:    MPW

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0713017001          07  13  017  001
WTGRP_SIZ: 13
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 1FFFF | 1,1111,1111,1111,1111 |
| 1 | 1FFFF | 1,1111,1111,1111,1111 |
| 2 | 1FFFF | 1,1111,1111,1111,1111 |
| 3 | 1FFFF | 1,1111,1111,1111,1111 |
| 4 | 1FFFF | 1,1111,1111,1111,1111 |
| 5 | 1FFFF | 1,1111,1111,1111,1111 |
| 6 | 1FFFF | 1,1111,1111,1111,1111 |
| 7 | 1FFFF | 1,1111,1111,1111,1111 |
| 8 | 1FFFF | 1,1111,1111,1111,1111 |
| 9 | 1FFFF | 1,1111,1111,1111,1111 |
| 10 | 1FFFF | 1,1111,1111,1111,1111 |
| 11 | 1FFFF | 1,1111,1111,1111,1111 |
| 12 | 00000 | 0,0000,0000,0000,0000 |

# G7JNAURMAP01

OAPEL: G7JNAURMAP01 ALIAS: G7JNAURMAP01
EXT: R PSID: DC
SCLK1: 03895575:00:0 SCLK2: 03895578:90:0
SCET1: 1997-092/16:55:57.800 SCET2: 1997-092/16:59:59.800
TARGET: JUPITER PARTITION: 1

MODE: 3 GAIN: 2
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 1 RECORD: 0

MB_DOWN: 11110 MB_UP: 01111
COMP_FLAG: 0
EST_COMP: 0.0 EST_COMPV: 0.0
RATE_CON1: 00000 RATE_CON2: 00000
NWAVETOT: 408 TLMFMT: RT

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0302408000 03 02 408 000
WTGRP_SIZ: 2

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 1FFFF | 1,1111,1111,1111,1111 |
| 1 | 1FFFF | 1,1111,1111,1111,1111 |
| 2 | 1FFFF | 1,1111,1111,1111,1111 |
| 3 | 1FFFF | 1,1111,1111,1111,1111 |
| 4 | 1FFFF | 1,1111,1111,1111,1111 |
| 5 | 1FFFF | 1,1111,1111,1111,1111 |
| 6 | 1FFFF | 1,1111,1111,1111,1111 |
| 7 | 1FFFF | 1,1111,1111,1111,1111 |
| 8 | 1FFFF | 1,1111,1111,1111,1111 |
| 9 | 1FFFF | 1,1111,1111,1111,1111 |
| 10 | 1FFFF | 1,1111,1111,1111,1111 |
| 11 | 1FFFF | 1,1111,1111,1111,1111 |
| 12 | 1FFFF | 1,1111,1111,1111,1111 |
| 13 | 1FFFF | 1,1111,1111,1111,1111 |
| 14 | 1FFFF | 1,1111,1111,1111,1111 |
| 15 | 1FFFF | 1,1111,1111,1111,1111 |
| 16 | 1FFFF | 1,1111,1111,1111,1111 |
| 17 | 1FFFF | 1,1111,1111,1111,1111 |
| 18 | 1FFFF | 1,1111,1111,1111,1111 |
| 19 | 1FFFF | 1,1111,1111,1111,1111 |
| 20 | 1FFFF | 1,1111,1111,1111,1111 |
| 21 | 1FFFF | 1,1111,1111,1111,1111 |
| 22 | 1FFFF | 1,1111,1111,1111,1111 |
| 23 | 1FFFF | 1,1111,1111,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7JNAURMAP01

OAPEL: G7JNAURMAP01 ALIAS: G7JNAURMAP01
EXT: S PSID: DC
SCLK1: 03895579:00:0 SCLK2: 03895581:12:0
SCET1: 1997-092/17:00:00.466 SCET2: 1997-092/17:02:09.800
TARGET: JUPITER PARTITION: 1

MODE: 3 GAIN: 2
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 1 RECORD: 0

MB_DOWN: 11101 MB_UP: 10111
COMP_FLAG: 0
EST_COMP: 0.0 EST_COMPV: 0.0
RATE_CON1: 00000 RATE_CON2: 00000
NWAVETOT: 408 TLMFMT: RT

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0302408000 03 02 408 000
WTGRP_SIZ: 2

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 1FFFF | 1,1111,1111,1111,1111 |
| 1 | 1FFFF | 1,1111,1111,1111,1111 |
| 2 | 1FFFF | 1,1111,1111,1111,1111 |
| 3 | 1FFFF | 1,1111,1111,1111,1111 |
| 4 | 1FFFF | 1,1111,1111,1111,1111 |
| 5 | 1FFFF | 1,1111,1111,1111,1111 |
| 6 | 1FFFF | 1,1111,1111,1111,1111 |
| 7 | 1FFFF | 1,1111,1111,1111,1111 |
| 8 | 1FFFF | 1,1111,1111,1111,1111 |
| 9 | 1FFFF | 1,1111,1111,1111,1111 |
| 10 | 1FFFF | 1,1111,1111,1111,1111 |
| 11 | 1FFFF | 1,1111,1111,1111,1111 |
| 12 | 1FFFF | 1,1111,1111,1111,1111 |
| 13 | 1FFFF | 1,1111,1111,1111,1111 |
| 14 | 1FFFF | 1,1111,1111,1111,1111 |
| 15 | 1FFFF | 1,1111,1111,1111,1111 |
| 16 | 1FFFF | 1,1111,1111,1111,1111 |
| 17 | 1FFFF | 1,1111,1111,1111,1111 |
| 18 | 1FFFF | 1,1111,1111,1111,1111 |
| 19 | 1FFFF | 1,1111,1111,1111,1111 |
| 20 | 1FFFF | 1,1111,1111,1111,1111 |
| 21 | 1FFFF | 1,1111,1111,1111,1111 |
| 22 | 1FFFF | 1,1111,1111,1111,1111 |
| 23 | 1FFFF | 1,1111,1111,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7JNAURMAP01

OAPEL: G7JNAURMAP01 ALIAS: G7JNAURMAP01
EXT: T PSID: DC
SCLK1: 03895637:00:0 SCLK2: 03895640:90:0
SCET1: 1997-092/17:58:39.133 SCET2: 1997-092/18:02:41.133
TARGET: JUPITER PARTITION: 1

MODE: 3 GAIN: 2
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 1 RECORD: 0

MB_DOWN: 01111 MB_UP: 11110
COMP_FLAG: 0
EST_COMP: 0.0 EST_COMPV: 0.0
RATE_CON1: 00000 RATE_CON2: 00000
NWAVETOT: 408 TLMFMT: RT

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0302408000 03 02 408 000
WTGRP_SIZ: 2

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 1FFFF | 1,1111,1111,1111,1111 |
| 1 | 1FFFF | 1,1111,1111,1111,1111 |
| 2 | 1FFFF | 1,1111,1111,1111,1111 |
| 3 | 1FFFF | 1,1111,1111,1111,1111 |
| 4 | 1FFFF | 1,1111,1111,1111,1111 |
| 5 | 1FFFF | 1,1111,1111,1111,1111 |
| 6 | 1FFFF | 1,1111,1111,1111,1111 |
| 7 | 1FFFF | 1,1111,1111,1111,1111 |
| 8 | 1FFFF | 1,1111,1111,1111,1111 |
| 9 | 1FFFF | 1,1111,1111,1111,1111 |
| 10 | 1FFFF | 1,1111,1111,1111,1111 |
| 11 | 1FFFF | 1,1111,1111,1111,1111 |
| 12 | 1FFFF | 1,1111,1111,1111,1111 |
| 13 | 1FFFF | 1,1111,1111,1111,1111 |
| 14 | 1FFFF | 1,1111,1111,1111,1111 |
| 15 | 1FFFF | 1,1111,1111,1111,1111 |
| 16 | 1FFFF | 1,1111,1111,1111,1111 |
| 17 | 1FFFF | 1,1111,1111,1111,1111 |
| 18 | 1FFFF | 1,1111,1111,1111,1111 |
| 19 | 1FFFF | 1,1111,1111,1111,1111 |
| 20 | 1FFFF | 1,1111,1111,1111,1111 |
| 21 | 1FFFF | 1,1111,1111,1111,1111 |
| 22 | 1FFFF | 1,1111,1111,1111,1111 |
| 23 | 1FFFF | 1,1111,1111,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7JNAURMAP01

OAPEL: G7JNAURMAP01 ALIAS: G7JNAURMAP01
EXT: U PSID: DC
SCLK1: 03895641:00:0 SCLK2: 03895642:12:0
SCET1: 1997-092/18:02:41.800 SCET2: 1997-092/18:03:50.466
TARGET: JUPITER PARTITION: 1

MODE: 3 GAIN: 2
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 1 RECORD: 0

MB_DOWN: 10111 MB_UP: 11101
COMP_FLAG: 0
EST_COMP: 0.0 EST_COMPV: 0.0
RATE_CON1: 00000 RATE_CON2: 00000
NWAVETOT: 408 TLMFMT: RT

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0302408000 03 02 408 000
WTGRP_SIZ: 2

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 1FFFF | 1,1111,1111,1111,1111 |
| 1 | 1FFFF | 1,1111,1111,1111,1111 |
| 2 | 1FFFF | 1,1111,1111,1111,1111 |
| 3 | 1FFFF | 1,1111,1111,1111,1111 |
| 4 | 1FFFF | 1,1111,1111,1111,1111 |
| 5 | 1FFFF | 1,1111,1111,1111,1111 |
| 6 | 1FFFF | 1,1111,1111,1111,1111 |
| 7 | 1FFFF | 1,1111,1111,1111,1111 |
| 8 | 1FFFF | 1,1111,1111,1111,1111 |
| 9 | 1FFFF | 1,1111,1111,1111,1111 |
| 10 | 1FFFF | 1,1111,1111,1111,1111 |
| 11 | 1FFFF | 1,1111,1111,1111,1111 |
| 12 | 1FFFF | 1,1111,1111,1111,1111 |
| 13 | 1FFFF | 1,1111,1111,1111,1111 |
| 14 | 1FFFF | 1,1111,1111,1111,1111 |
| 15 | 1FFFF | 1,1111,1111,1111,1111 |
| 16 | 1FFFF | 1,1111,1111,1111,1111 |
| 17 | 1FFFF | 1,1111,1111,1111,1111 |
| 18 | 1FFFF | 1,1111,1111,1111,1111 |
| 19 | 1FFFF | 1,1111,1111,1111,1111 |
| 20 | 1FFFF | 1,1111,1111,1111,1111 |
| 21 | 1FFFF | 1,1111,1111,1111,1111 |
| 22 | 1FFFF | 1,1111,1111,1111,1111 |
| 23 | 1FFFF | 1,1111,1111,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7JNAURMAP01

OAPEL: G7JNAURMAP01 ALIAS: G7JNAURMAP01
EXT: V PSID: DC
SCLK1: 03895665:00:0 SCLK2: 03895668:90:0
SCET1: 1997-092/18:26:57.800 SCET2: 1997-092/18:30:59.800
TARGET: JUPITER PARTITION: 1

MODE: 3 GAIN: 2
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 1 RECORD: 0

MB_DOWN: 11110 MB_UP: 01111
COMP_FLAG: 0
EST_COMP: 0.0 EST_COMPV: 0.0
RATE_CON1: 00000 RATE_CON2: 00000
NWAVETOT: 408 TLMFMT: RT

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0302408000 03 02 408 000
WTGRP_SIZ: 2

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 1FFFF | 1,1111,1111,1111,1111 |
| 1 | 1FFFF | 1,1111,1111,1111,1111 |
| 2 | 1FFFF | 1,1111,1111,1111,1111 |
| 3 | 1FFFF | 1,1111,1111,1111,1111 |
| 4 | 1FFFF | 1,1111,1111,1111,1111 |
| 5 | 1FFFF | 1,1111,1111,1111,1111 |
| 6 | 1FFFF | 1,1111,1111,1111,1111 |
| 7 | 1FFFF | 1,1111,1111,1111,1111 |
| 8 | 1FFFF | 1,1111,1111,1111,1111 |
| 9 | 1FFFF | 1,1111,1111,1111,1111 |
| 10 | 1FFFF | 1,1111,1111,1111,1111 |
| 11 | 1FFFF | 1,1111,1111,1111,1111 |
| 12 | 1FFFF | 1,1111,1111,1111,1111 |
| 13 | 1FFFF | 1,1111,1111,1111,1111 |
| 14 | 1FFFF | 1,1111,1111,1111,1111 |
| 15 | 1FFFF | 1,1111,1111,1111,1111 |
| 16 | 1FFFF | 1,1111,1111,1111,1111 |
| 17 | 1FFFF | 1,1111,1111,1111,1111 |
| 18 | 1FFFF | 1,1111,1111,1111,1111 |
| 19 | 1FFFF | 1,1111,1111,1111,1111 |
| 20 | 1FFFF | 1,1111,1111,1111,1111 |
| 21 | 1FFFF | 1,1111,1111,1111,1111 |
| 22 | 1FFFF | 1,1111,1111,1111,1111 |
| 23 | 1FFFF | 1,1111,1111,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7JNAURMAP01

OAPEL: G7JNAURMAP01 ALIAS: G7JNAURMAP01
EXT: W PSID: DC
SCLK1: 03895669:00:0 SCLK2: 03895670:12:0
SCET1: 1997-092/18:31:00.466 SCET2: 1997-092/18:32:10.133
TARGET: JUPITER PARTITION: 1

MODE: 3 GAIN: 2
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 1 RECORD: 0

MB_DOWN: 11101 MB_UP: 10111
COMP_FLAG: 0
EST_COMP: 0.0 EST_COMPV: 0.0
RATE_CON1: 00000 RATE_CON2: 00000
NWAVETOT: 408 TLMFMT: RT

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0302408000 03 02 408 000
WTGRP_SIZ: 2

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 1FFFF | 1,1111,1111,1111,1111 |
| 1 | 1FFFF | 1,1111,1111,1111,1111 |
| 2 | 1FFFF | 1,1111,1111,1111,1111 |
| 3 | 1FFFF | 1,1111,1111,1111,1111 |
| 4 | 1FFFF | 1,1111,1111,1111,1111 |
| 5 | 1FFFF | 1,1111,1111,1111,1111 |
| 6 | 1FFFF | 1,1111,1111,1111,1111 |
| 7 | 1FFFF | 1,1111,1111,1111,1111 |
| 8 | 1FFFF | 1,1111,1111,1111,1111 |
| 9 | 1FFFF | 1,1111,1111,1111,1111 |
| 10 | 1FFFF | 1,1111,1111,1111,1111 |
| 11 | 1FFFF | 1,1111,1111,1111,1111 |
| 12 | 1FFFF | 1,1111,1111,1111,1111 |
| 13 | 1FFFF | 1,1111,1111,1111,1111 |
| 14 | 1FFFF | 1,1111,1111,1111,1111 |
| 15 | 1FFFF | 1,1111,1111,1111,1111 |
| 16 | 1FFFF | 1,1111,1111,1111,1111 |
| 17 | 1FFFF | 1,1111,1111,1111,1111 |
| 18 | 1FFFF | 1,1111,1111,1111,1111 |
| 19 | 1FFFF | 1,1111,1111,1111,1111 |
| 20 | 1FFFF | 1,1111,1111,1111,1111 |
| 21 | 1FFFF | 1,1111,1111,1111,1111 |
| 22 | 1FFFF | 1,1111,1111,1111,1111 |
| 23 | 1FFFF | 1,1111,1111,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7CNGLOBAL01

OAPEL: G7CNGLOBAL01 ALIAS: G7CNGLOBAL01
EXT: A PSID: DD
SCLK1: 03895685:86:0 SCLK2: 03895688:89:0
SCET1: 97-092/18:48:09.133 SCET2: 97-092/18:51:13.133
TARGET: CALLISTO PARTITION: 1

MODE: 3 GAIN: 4
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 0 RECORD: 1

MB_DOWN: 00000 MB_UP: 00000
COMP_FLAG: 1
EST_COMP: 2.0 EST_COMPV: 0.3
RATE_CON1: 00000 RATE_CON2: 65525
NWAVETOT: 360 TLMFMT: MPW

THRESHOLD_SEL: 2
THRESHOLD_VALUES: 030, 030, 030, 000, 030, 029, 028, 028, 029
028, 032, 034, 031, 031, 032, 030, 029

WETGID: 0326360001 03 26 360 001
WTGRP_SIZ: 26

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 1BDFF | 1,1011,1101,1111,1111 |
| 1 | 1BDFF | 1,1011,1101,1111,1111 |
| 2 | 1BDFF | 1,1011,1101,1111,1111 |
| 3 | 1BDFF | 1,1011,1101,1111,1111 |
| 4 | 1BDFF | 1,1011,1101,1111,1111 |
| 5 | 1BDFF | 1,1011,1101,1111,1111 |
| 6 | 1BDFF | 1,1011,1101,1111,1111 |
| 7 | 1BDFF | 1,1011,1101,1111,1111 |
| 8 | 1BDFF | 1,1011,1101,1111,1111 |
| 9 | 1BDFF | 1,1011,1101,1111,1111 |
| 10 | 1BDFF | 1,1011,1101,1111,1111 |
| 11 | 1BDFF | 1,1011,1101,1111,1111 |
| 12 | 1BDFF | 1,1011,1101,1111,1111 |
| 13 | 1BDFF | 1,1011,1101,1111,1111 |
| 14 | 1BDFF | 1,1011,1101,1111,1111 |
| 15 | 1BDFF | 1,1011,1101,1111,1111 |
| 16 | 1BDFF | 1,1011,1101,1111,1111 |
| 17 | 1BDFF | 1,1011,1101,1111,1111 |
| 18 | 1BDFF | 1,1011,1101,1111,1111 |
| 19 | 1BDFF | 1,1011,1101,1111,1111 |
| 20 | 1BDFF | 1,1011,1101,1111,1111 |
| 21 | 1BDFF | 1,1011,1101,1111,1111 |
| 22 | 1BDFF | 1,1011,1101,1111,1111 |
| 23 | 1BDFF | 1,1011,1101,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7HNDARK__01

OAPEL: G7HNDARK__01 ALIAS: G7HNDARK__01
EXT: A PSID: DA
SCLK1: 03896271:90:0 SCLK2: 03896272:89:0
SCET1: 97-093/04:40:42.445 SCET2: 97-093/04:41:42.445
TARGET: SKY PARTITION: 1

MODE: 3 GAIN: 4
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 0 RECORD: 1

MB_DOWN: 00000 MB_UP: 00000
COMP_FLAG: 1
EST_COMP: 2.0 EST_COMPV: 0.3
RATE_CON1: 00000 RATE_CON2: 65525
NWAVETOT: 32 TLMFMT: LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0326032001 03 26 032 001
WTGRP_SIZ: 26

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 1FDFF | 1,1111,1101,1111,1111 |
| 1 | 1FDFF | 1,1111,1101,1111,1111 |
| 2 | 00000 | 0,0000,0000,0000,0000 |
| 3 | 00000 | 0,0000,0000,0000,0000 |
| 4 | 00000 | 0,0000,0000,0000,0000 |
| 5 | 00000 | 0,0000,0000,0000,0000 |
| 6 | 00000 | 0,0000,0000,0000,0000 |
| 7 | 00000 | 0,0000,0000,0000,0000 |
| 8 | 00000 | 0,0000,0000,0000,0000 |
| 9 | 00000 | 0,0000,0000,0000,0000 |
| 10 | 00000 | 0,0000,0000,0000,0000 |
| 11 | 00000 | 0,0000,0000,0000,0000 |
| 12 | 00000 | 0,0000,0000,0000,0000 |
| 13 | 00000 | 0,0000,0000,0000,0000 |
| 14 | 00000 | 0,0000,0000,0000,0000 |
| 15 | 00000 | 0,0000,0000,0000,0000 |
| 16 | 00000 | 0,0000,0000,0000,0000 |
| 17 | 00000 | 0,0000,0000,0000,0000 |
| 18 | 00000 | 0,0000,0000,0000,0000 |
| 19 | 00000 | 0,0000,0000,0000,0000 |
| 20 | 00000 | 0,0000,0000,0000,0000 |
| 21 | 00000 | 0,0000,0000,0000,0000 |
| 22 | 00000 | 0,0000,0000,0000,0000 |
| 23 | 00000 | 0,0000,0000,0000,0000 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7INCHEMIS01

OAPEL: G7INCHEMIS01 ALIAS: G7INCHEMIS01
EXT: A PSID: DE
SCLK1: 03896303:00:0 SCLK2: 03896305:14:0
SCET1: 97-093/05:12:03.111 SCET2: 97-093/05:14:13.777
TARGET: IO PARTITION: 1

MODE: 3 GAIN: 2
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 0 RECORD: 1

MB_DOWN: 00000 MB_UP: 00000
COMP_FLAG: 1
EST_COMP: 2.0 EST_COMPV: 0.3
RATE_CON1: 00000 RATE_CON2: 65525
NWAVETOT: 102 TLMFMT: LPU

THRESHOLD_SEL: 2
THRESHOLD_VALUES: 030, 030, 030, 000, 030, 029, 028, 028, 029
028, 032, 034, 031, 031, 032, 030, 029

WETGID: 0326102001 03 26 102 001
WTGRP_SIZ: 26

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00000 | 0,0000,0000,0000,0000 |
| 1 | 1FDFF | 1,1111,1101,1111,1111 |
| 2 | 00000 | 0,0000,0000,0000,0000 |
| 3 | 00000 | 0,0000,0000,0000,0000 |
| 4 | 00100 | 0,0000,0001,0000,0000 |
| 5 | 1FDFF | 1,1111,1101,1111,1111 |
| 6 | 00000 | 0,0000,0000,0000,0000 |
| 7 | 00000 | 0,0000,0000,0000,0000 |
| 8 | 00100 | 0,0000,0001,0000,0000 |
| 9 | 1FDFF | 1,1111,1101,1111,1111 |
| 10 | 00100 | 0,0000,0001,0000,0000 |
| 11 | 00000 | 0,0000,0000,0000,0000 |
| 12 | 00000 | 0,0000,0000,0000,0000 |
| 13 | 1FDFF | 1,1111,1101,1111,1111 |
| 14 | 00100 | 0,0000,0001,0000,0000 |
| 15 | 00000 | 0,0000,0000,0000,0000 |
| 16 | 00100 | 0,0000,0001,0000,0000 |
| 17 | 1FDFF | 1,1111,1101,1111,1111 |
| 18 | 00100 | 0,0000,0001,0000,0000 |
| 19 | 00000 | 0,0000,0000,0000,0000 |
| 20 | 00000 | 0,0000,0000,0000,0000 |
| 21 | 1FDFF | 1,1111,1101,1111,1111 |
| 22 | 00000 | 0,0000,0000,0000,0000 |
| 23 | 00000 | 0,0000,0000,0000,0000 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7INCHEMIS02

OAPEL: G7INCHEMIS02 ALIAS: G7INCHEMIS02
EXT: A PSID: DG
SCLK1: 03896543:00:0 SCLK2: 03896545:34:0
SCET1: 97-093/09:14:43.102 SCET2: 97-093/09:17:07.102
TARGET: IO PARTITION: 1

MODE: 3 GAIN: 2
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 0 RECORD: 1

MB_DOWN: 00000 MB_UP: 00000
COMP_FLAG: 1
EST_COMP: 2.0 EST_COMPV: 0.3
RATE_CON1: 00000 RATE_CON2: 65525
NWAVETOT: 216 TLMFMT: LPU

THRESHOLD_SEL: 2
THRESHOLD_VALUES: 030, 030, 030, 000, 030, 029, 028, 028, 029
028, 032, 034, 031, 031, 032, 030, 029

WETGID: 0326216001 03 26 216 001
WTGRP_SIZ: 26

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00580 | 0,0000,0101,1000,0000 |
| 1 | 1BDFF | 1,1011,1101,1111,1111 |
| 2 | 00580 | 0,0000,0101,1000,0000 |
| 3 | 1BDFF | 1,1011,1101,1111,1111 |
| 4 | 00580 | 0,0000,0101,1000,0000 |
| 5 | 1BDFF | 1,1011,1101,1111,1111 |
| 6 | 00580 | 0,0000,0101,1000,0000 |
| 7 | 1BDFF | 1,1011,1101,1111,1111 |
| 8 | 00580 | 0,0000,0101,1000,0000 |
| 9 | 1BDFF | 1,1011,1101,1111,1111 |
| 10 | 00580 | 0,0000,0101,1000,0000 |
| 11 | 1BDFF | 1,1011,1101,1111,1111 |
| 12 | 00580 | 0,0000,0101,1000,0000 |
| 13 | 1BDFF | 1,1011,1101,1111,1111 |
| 14 | 00580 | 0,0000,0101,1000,0000 |
| 15 | 1BDFF | 1,1011,1101,1111,1111 |
| 16 | 00580 | 0,0000,0101,1000,0000 |
| 17 | 1BDFF | 1,1011,1101,1111,1111 |
| 18 | 00580 | 0,0000,0101,1000,0000 |
| 19 | 1BDFF | 1,1011,1101,1111,1111 |
| 20 | 00580 | 0,0000,0101,1000,0000 |
| 21 | 1BDFF | 1,1011,1101,1111,1111 |
| 22 | 00580 | 0,0000,0101,1000,0000 |
| 23 | 1BDFF | 1,1011,1101,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7NNHEALTH01

```
OAPEL:  G7NNHEALTH01            ALIAS:  G7NNHEALTH01
EXT:    R                       PSID:   KC
SCLK1:  03897045:00:0           SCLK2:  03897045:12:0
SCET1:  1997-093/17:42:37.733   SCET2:  1997-093/17:42:45.733
TARGET: CAL                     PARTITION: 1

MODE:      3                    GAIN:      2
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 0 124          PTAB_B:    1 1 0 0 124
ECAL:      0                    OPCAL:     0
R/T:       1                    RECORD:    0

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 0
EST_COMP:  0.0                  EST_COMPV: 0.0
RATE_CON1: 00000                RATE_CON2: 00000
NWAVETOT:  003                  TLMFMT:    RT

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0302003000          03  02  003  000
WTGRP_SIZ:  2
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 08044 | 0,1000,0000,0100,0100 |
| 1 | 00000 | 0,0000,0000,0000,0000 |
| 2 | 00000 | 0,0000,0000,0000,0000 |
| 3 | 00000 | 0,0000,0000,0000,0000 |
| 4 | 00000 | 0,0000,0000,0000,0000 |
| 5 | 00000 | 0,0000,0000,0000,0000 |
| 6 | 00000 | 0,0000,0000,0000,0000 |
| 7 | 00000 | 0,0000,0000,0000,0000 |
| 8 | 00000 | 0,0000,0000,0000,0000 |
| 9 | 00000 | 0,0000,0000,0000,0000 |
| 10 | 00000 | 0,0000,0000,0000,0000 |
| 11 | 00000 | 0,0000,0000,0000,0000 |
| 12 | 00000 | 0,0000,0000,0000,0000 |
| 13 | 00000 | 0,0000,0000,0000,0000 |
| 14 | 00000 | 0,0000,0000,0000,0000 |
| 15 | 00000 | 0,0000,0000,0000,0000 |
| 16 | 00000 | 0,0000,0000,0000,0000 |
| 17 | 00000 | 0,0000,0000,0000,0000 |
| 18 | 00000 | 0,0000,0000,0000,0000 |
| 19 | 00000 | 0,0000,0000,0000,0000 |
| 20 | 00000 | 0,0000,0000,0000,0000 |
| 21 | 00000 | 0,0000,0000,0000,0000 |
| 22 | 00000 | 0,0000,0000,0000,0000 |
| 23 | 00000 | 0,0000,0000,0000,0000 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7NNHEALTH02

```
OAPEL:  G7NNHEALTH02            ALIAS:  G7NNHEALTH02
EXT:    R                       PSID:   KD
SCLK1:  03897076:00:0           SCLK2:  03897076:12:0
SCET1:  1997-093/18:13:38.400   SCET2:  1997-093/18:13:46.400
TARGET: CAL                     PARTITION: 1

MODE:      3                    GAIN:      2
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 0 124          PTAB_B:    1 1 0 0 124
ECAL:      0                    OPCAL:     0
R/T:       1                    RECORD:    0

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 0
EST_COMP:  0.0                  EST_COMPV: 0.0
RATE_CON1: 00000                RATE_CON2: 00000
NWAVETOT:  003                  TLMFMT:    RT

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0302003000          03  02  003  000
WTGRP_SIZ:  2
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 08044 | 0,1000,0000,0100,0100 |
| 1 | 00000 | 0,0000,0000,0000,0000 |
| 2 | 00000 | 0,0000,0000,0000,0000 |
| 3 | 00000 | 0,0000,0000,0000,0000 |
| 4 | 00000 | 0,0000,0000,0000,0000 |
| 5 | 00000 | 0,0000,0000,0000,0000 |
| 6 | 00000 | 0,0000,0000,0000,0000 |
| 7 | 00000 | 0,0000,0000,0000,0000 |
| 8 | 00000 | 0,0000,0000,0000,0000 |
| 9 | 00000 | 0,0000,0000,0000,0000 |
| 10 | 00000 | 0,0000,0000,0000,0000 |
| 11 | 00000 | 0,0000,0000,0000,0000 |
| 12 | 00000 | 0,0000,0000,0000,0000 |
| 13 | 00000 | 0,0000,0000,0000,0000 |
| 14 | 00000 | 0,0000,0000,0000,0000 |
| 15 | 00000 | 0,0000,0000,0000,0000 |
| 16 | 00000 | 0,0000,0000,0000,0000 |
| 17 | 00000 | 0,0000,0000,0000,0000 |
| 18 | 00000 | 0,0000,0000,0000,0000 |
| 19 | 00000 | 0,0000,0000,0000,0000 |
| 20 | 00000 | 0,0000,0000,0000,0000 |
| 21 | 00000 | 0,0000,0000,0000,0000 |
| 22 | 00000 | 0,0000,0000,0000,0000 |
| 23 | 00000 | 0,0000,0000,0000,0000 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7INHRSPEC01

OAPEL: G7INHRSPEC01 ALIAS: G7INHRSPEC01
EXT: A PSID: DW
SCLK1: 03897244:00:0 SCLK2: 03897246:85:0
SCET1: 97-093/21:03:30.409 SCET2: 97-093/21:06:28.409
TARGET: IO PARTITION: 1

MODE: 3 GAIN: 2
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 0 RECORD: 1

MB_DOWN: 00000 MB_UP: 00000
COMP_FLAG: 1
EST_COMP: 2.0 EST_COMPV: 0.3
RATE_CON1: 00000 RATE_CON2: 65525
NWAVETOT: 360 TLMFMT: MPW

THRESHOLD_SEL: 2
THRESHOLD_VALUES: 030, 030, 030, 000, 030, 029, 028, 028, 029
028, 032, 034, 031, 031, 032, 030, 029

WETGID: 0326360001 03 26 360 001
WTGRP_SIZ: 26

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 1BDFF | 1,1011,1101,1111,1111 |
| 1 | 1BDFF | 1,1011,1101,1111,1111 |
| 2 | 1BDFF | 1,1011,1101,1111,1111 |
| 3 | 1BDFF | 1,1011,1101,1111,1111 |
| 4 | 1BDFF | 1,1011,1101,1111,1111 |
| 5 | 1BDFF | 1,1011,1101,1111,1111 |
| 6 | 1BDFF | 1,1011,1101,1111,1111 |
| 7 | 1BDFF | 1,1011,1101,1111,1111 |
| 8 | 1BDFF | 1,1011,1101,1111,1111 |
| 9 | 1BDFF | 1,1011,1101,1111,1111 |
| 10 | 1BDFF | 1,1011,1101,1111,1111 |
| 11 | 1BDFF | 1,1011,1101,1111,1111 |
| 12 | 1BDFF | 1,1011,1101,1111,1111 |
| 13 | 1BDFF | 1,1011,1101,1111,1111 |
| 14 | 1BDFF | 1,1011,1101,1111,1111 |
| 15 | 1BDFF | 1,1011,1101,1111,1111 |
| 16 | 1BDFF | 1,1011,1101,1111,1111 |
| 17 | 1BDFF | 1,1011,1101,1111,1111 |
| 18 | 1BDFF | 1,1011,1101,1111,1111 |
| 19 | 1BDFF | 1,1011,1101,1111,1111 |
| 20 | 1BDFF | 1,1011,1101,1111,1111 |
| 21 | 1BDFF | 1,1011,1101,1111,1111 |
| 22 | 1BDFF | 1,1011,1101,1111,1111 |
| 23 | 1BDFF | 1,1011,1101,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7JNPFC04101

OAPEL: G7JNPFC04101 ALIAS: G7JNPFC04101
EXT: A PSID: DK
SCLK1: 03897276:00:0 SCLK2: 03897277:58:0
SCET1: 97-093/21:35:51.742 SCET2: 97-093/21:37:31.075
TARGET: JUPITER PARTITION: 1

MODE: 5 GAIN: 2
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 1 4 6 PTAB_B: 1 1 0 1 4 6
ECAL: 0 OPCAL: 0
R/T: 0 RECORD: 1

MB_DOWN: 00000 MB_UP: 00000
COMP_FLAG: 1
EST_COMP: 2.0 EST_COMPV: 0.3
RATE_CON1: 00000 RATE_CON2: 65525
NWAVETOT: 25 TLMFMT: LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0507025001 05 07 025 001
WTGRP_SIZ: 7

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00400 | 0,0000,0100,0000,0000 |
| 1 | 11D81 | 1,0001,1101,1000,0001 |
| 2 | 19900 | 1,1001,1001,0000,0000 |
| 3 | 01902 | 0,0001,1001,0000,0010 |
| 4 | 0B810 | 0,1011,1000,0001,0000 |
| 5 | 00C01 | 0,0000,1100,0000,0001 |
| 6 | 00000 | 0,0000,0000,0000,0000 |

# G7JNFEAP4101

```
OAPEL:  G7JNFEAP4101              ALIAS:  G7JNFEAP4101
EXT:    A                         PSID:   DM
SCLK1:  03897294:00:0             SCLK2:  03897298:83:0
SCET1:    97-093/21:54:03.741     SCET2:    97-093/21:59:01.741
TARGET: JUPITER                   PARTITION: 1

MODE:      5                      GAIN:      2
CHOP:      1                      GRAT_OFF:  4
PTAB_A:    1 1 0 1 4 6            PTAB_B:    1 1 0 1 4 6
ECAL:      0                      OPCAL:     0
R/T:       0                      RECORD:    1

MB_DOWN:   00000                  MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                    EST_COMPV: 0.3
RATE_CON1: 00000                  RATE_CON2: 65525
NWAVETOT:   25                    TLMFMT:    LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0507025001          05  07  025  001
WTGRP_SIZ:  7
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00400 | 0,0000,0100,0000,0000 |
| 1 | 11D81 | 1,0001,1101,1000,0001 |
| 2 | 19900 | 1,1001,1001,0000,0000 |
| 3 | 01902 | 0,0001,1001,0000,0010 |
| 4 | 0B810 | 0,1011,1000,0001,0000 |
| 5 | 00C01 | 0,0000,1100,0000,0001 |
| 6 | 00000 | 0,0000,0000,0000,0000 |

# G7JNRTHOTS01

OAPEL: G7JNRTHOTS01 ALIAS: G7JNRTHOTS01
EXT: R PSID: LN
SCLK1: 03897302:00:0 SCLK2: 03897302:12:0
SCET1: 1997-093/22:02:09.066 SCET2: 1997-093/22:02:17.066
TARGET: JUPITER PARTITION: 1

MODE: 3 GAIN: 2
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 1 RECORD: 0

MB_DOWN: 11011 MB_UP: 11011
COMP_FLAG: 0
EST_COMP: 0.0 EST_COMPV: 0.0
RATE_CON1: 00000 RATE_CON2: 00000
NWAVETOT: 408 TLMFMT: RT

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0302408000 03 02 408 000
WTGRP_SIZ: 2

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 1FFFF | 1,1111,1111,1111,1111 |
| 1 | 1FFFF | 1,1111,1111,1111,1111 |
| 2 | 1FFFF | 1,1111,1111,1111,1111 |
| 3 | 1FFFF | 1,1111,1111,1111,1111 |
| 4 | 1FFFF | 1,1111,1111,1111,1111 |
| 5 | 1FFFF | 1,1111,1111,1111,1111 |
| 6 | 1FFFF | 1,1111,1111,1111,1111 |
| 7 | 1FFFF | 1,1111,1111,1111,1111 |
| 8 | 1FFFF | 1,1111,1111,1111,1111 |
| 9 | 1FFFF | 1,1111,1111,1111,1111 |
| 10 | 1FFFF | 1,1111,1111,1111,1111 |
| 11 | 1FFFF | 1,1111,1111,1111,1111 |
| 12 | 1FFFF | 1,1111,1111,1111,1111 |
| 13 | 1FFFF | 1,1111,1111,1111,1111 |
| 14 | 1FFFF | 1,1111,1111,1111,1111 |
| 15 | 1FFFF | 1,1111,1111,1111,1111 |
| 16 | 1FFFF | 1,1111,1111,1111,1111 |
| 17 | 1FFFF | 1,1111,1111,1111,1111 |
| 18 | 1FFFF | 1,1111,1111,1111,1111 |
| 19 | 1FFFF | 1,1111,1111,1111,1111 |
| 20 | 1FFFF | 1,1111,1111,1111,1111 |
| 21 | 1FFFF | 1,1111,1111,1111,1111 |
| 22 | 1FFFF | 1,1111,1111,1111,1111 |
| 23 | 1FFFF | 1,1111,1111,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7JNFEASUB01

OAPEL: G7JNFEASUB01 ALIAS: G7JNFEASUB01
EXT: A PSID: DO
SCLK1: 03897354:00:0 SCLK2: 03897359:25:0
SCET1: 97-093/22:54:43.739 SCET2: 97-093/23:00:03.739
TARGET: JUPITER PARTITION: 1

MODE: 3 GAIN: 2
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 0 RECORD: 1

MB_DOWN: 00000 MB_UP: 00000
COMP_FLAG: 1
EST_COMP: 2.0 EST_COMPV: 0.3
RATE_CON1: 00000 RATE_CON2: 65525
NWAVETOT: 80 TLMFMT: LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0326080001 03 26 080 001
WTGRP_SIZ: 26

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 11400 | 1,0001,0100,0000,0000 |
| 1 | 11400 | 1,0001,0100,0000,0000 |
| 2 | 11400 | 1,0001,0100,0000,0000 |
| 3 | 11400 | 1,0001,0100,0000,0000 |
| 4 | 11400 | 1,0001,0100,0000,0000 |
| 5 | 11400 | 1,0001,0100,0000,0000 |
| 6 | 11400 | 1,0001,0100,0000,0000 |
| 7 | 19400 | 1,1001,0100,0000,0000 |
| 8 | 1A400 | 1,1010,0100,0000,0000 |
| 9 | 1A400 | 1,1010,0100,0000,0000 |
| 10 | 0A400 | 0,1010,0100,0000,0000 |
| 11 | 0A400 | 0,1010,0100,0000,0000 |
| 12 | 0A400 | 0,1010,0100,0000,0000 |
| 13 | 0AC00 | 0,1010,1100,0000,0000 |
| 14 | 0A800 | 0,1010,1000,0000,0000 |
| 15 | 0A800 | 0,1010,1000,0000,0000 |
| 16 | 1A800 | 1,1010,1000,0000,0000 |
| 17 | 1A800 | 1,1010,1000,0000,0000 |
| 18 | 1A800 | 1,1010,1000,0000,0000 |
| 19 | 1A800 | 1,1010,1000,0000,0000 |
| 20 | 12800 | 1,0010,1000,0000,0000 |
| 21 | 12800 | 1,0010,1000,0000,0000 |
| 22 | 12800 | 1,0010,1000,0000,0000 |
| 23 | 12800 | 1,0010,1000,0000,0000 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7JNFEAP4102

```
OAPEL:  G7JNFEAP4102            ALIAS:  G7JNFEAP4102
EXT:    A                       PSID:   DP
SCLK1:  03897368:00:0           SCLK2:  03897372:85:0
SCET1:    97-093/23:08:53.071   SCET2:    97-093/23:13:52.404
TARGET: JUPITER                 PARTITION: 1

MODE:      5                    GAIN:      2
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 1 4 6          PTAB_B:    1 1 0 1 4 6
ECAL:      0                    OPCAL:     0
R/T:       0                    RECORD:    1

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                  EST_COMPV: 0.3
RATE_CON1: 00000                RATE_CON2: 65525
NWAVETOT:    4                  TLMFMT:    LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0507004001          05  07  004  001
WTGRP_SIZ:  7
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00000 | 0,0000,0000,0000,0000 |
| 1 | 01900 | 0,0001,1001,0000,0000 |
| 2 | 10000 | 1,0000,0000,0000,0000 |
| 3 | 00000 | 0,0000,0000,0000,0000 |
| 4 | 00000 | 0,0000,0000,0000,0000 |
| 5 | 00000 | 0,0000,0000,0000,0000 |
| 6 | 00000 | 0,0000,0000,0000,0000 |

# G7JNPFTB4101

```
OAPEL:  G7JNPFTB4101            ALIAS:  G7JNPFTB4101
EXT:    A                       PSID:   DQ
SCLK1:  03897377:00:0           SCLK2:  03897380:46:0
SCET1:    97-093/23:17:59.071   SCET2:    97-093/23:21:31.738
TARGET: JUPITER                 PARTITION: 1

MODE:      5                    GAIN:      2
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 1 4 6          PTAB_B:    1 1 0 1 4 6
ECAL:      0                    OPCAL:     0
R/T:       0                    RECORD:    1

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                  EST_COMPV: 0.3
RATE_CON1: 00000                RATE_CON2: 65525
NWAVETOT:   25                  TLMFMT:    LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0507025001          05  07  025  001
WTGRP_SIZ:  7
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00400 | 0,0000,0100,0000,0000 |
| 1 | 11D81 | 1,0001,1101,1000,0001 |
| 2 | 19900 | 1,1001,1001,0000,0000 |
| 3 | 01902 | 0,0001,1001,0000,0010 |
| 4 | 0B810 | 0,1011,1000,0001,0000 |
| 5 | 00C01 | 0,0000,1100,0000,0001 |
| 6 | 00000 | 0,0000,0000,0000,0000 |

# G7JNRTHOTS02

OAPEL: G7JNRTHOTS02 ALIAS: G7JNRTHOTS02
EXT: R PSID: LV
SCLK1: 03897383:00:0 SCLK2: 03897383:12:0
SCET1: 1997-093/23:24:03.066 SCET2: 1997-093/23:24:11.066
TARGET: JUPITER PARTITION: 1

MODE: 3 GAIN: 2
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 1 RECORD: 0

MB_DOWN: 11011 MB_UP: 11011
COMP_FLAG: 0
EST_COMP: 0.0 EST_COMPV: 0.0
RATE_CON1: 00000 RATE_CON2: 00000
NWAVETOT: 408 TLMFMT: RT

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0302408000 03 02 408 000
WTGRP_SIZ: 2

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 1FFFF | 1,1111,1111,1111,1111 |
| 1 | 1FFFF | 1,1111,1111,1111,1111 |
| 2 | 1FFFF | 1,1111,1111,1111,1111 |
| 3 | 1FFFF | 1,1111,1111,1111,1111 |
| 4 | 1FFFF | 1,1111,1111,1111,1111 |
| 5 | 1FFFF | 1,1111,1111,1111,1111 |
| 6 | 1FFFF | 1,1111,1111,1111,1111 |
| 7 | 1FFFF | 1,1111,1111,1111,1111 |
| 8 | 1FFFF | 1,1111,1111,1111,1111 |
| 9 | 1FFFF | 1,1111,1111,1111,1111 |
| 10 | 1FFFF | 1,1111,1111,1111,1111 |
| 11 | 1FFFF | 1,1111,1111,1111,1111 |
| 12 | 1FFFF | 1,1111,1111,1111,1111 |
| 13 | 1FFFF | 1,1111,1111,1111,1111 |
| 14 | 1FFFF | 1,1111,1111,1111,1111 |
| 15 | 1FFFF | 1,1111,1111,1111,1111 |
| 16 | 1FFFF | 1,1111,1111,1111,1111 |
| 17 | 1FFFF | 1,1111,1111,1111,1111 |
| 18 | 1FFFF | 1,1111,1111,1111,1111 |
| 19 | 1FFFF | 1,1111,1111,1111,1111 |
| 20 | 1FFFF | 1,1111,1111,1111,1111 |
| 21 | 1FFFF | 1,1111,1111,1111,1111 |
| 22 | 1FFFF | 1,1111,1111,1111,1111 |
| 23 | 1FFFF | 1,1111,1111,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7JNPFTB4102

```
OAPEL:  G7JNPFTB4102            ALIAS:  G7JNPFTB4102
EXT:    A                       PSID:   DR
SCLK1:  03897443:00:0           SCLK2:  03897446:46:0
SCET1:    97-094/00:24:43.068   SCET2:    97-094/00:28:15.735
TARGET: JUPITER                 PARTITION: 1

MODE:      5                    GAIN:      2
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 1 4 6          PTAB_B:    1 1 0 1 4 6
ECAL:      0                    OPCAL:     0
R/T:       0                    RECORD:    1

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                  EST_COMPV: 0.3
RATE_CON1: 00000                RATE_CON2: 65525
NWAVETOT:    4                  TLMFMT:    LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0507004001          05  07  004  001
WTGRP_SIZ:  7
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00000 | 0,0000,0000,0000,0000 |
| 1 | 01900 | 0,0001,1001,0000,0000 |
| 2 | 10000 | 1,0000,0000,0000,0000 |
| 3 | 00000 | 0,0000,0000,0000,0000 |
| 4 | 00000 | 0,0000,0000,0000,0000 |
| 5 | 00000 | 0,0000,0000,0000,0000 |
| 6 | 00000 | 0,0000,0000,0000,0000 |

# G7JNPFTD4101

```
OAPEL:  G7JNPFTD4101              ALIAS:  G7JNPFTD4101
EXT:    A                         PSID:   DT
SCLK1:  03897463:00:0             SCLK2:  03897466:46:0
SCET1:    97-094/00:44:56.400     SCET2:    97-094/00:48:29.068
TARGET: JUPITER                   PARTITION: 1

MODE:      5                      GAIN:      2
CHOP:      1                      GRAT_OFF:  4
PTAB_A:    1 1 0 1 4 6            PTAB_B:    1 1 0 1 4 6
ECAL:      0                      OPCAL:     0
R/T:       0                      RECORD:    1

MB_DOWN:   00000                  MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                    EST_COMPV: 0.3
RATE_CON1: 00000                  RATE_CON2: 65525
NWAVETOT:   25                    TLMFMT:    LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0507025001          05  07  025  001
WTGRP_SIZ:  7
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00400 | 0,0000,0100,0000,0000 |
| 1 | 11D81 | 1,0001,1101,1000,0001 |
| 2 | 19900 | 1,1001,1001,0000,0000 |
| 3 | 01902 | 0,0001,1001,0000,0010 |
| 4 | 0B810 | 0,1011,1000,0001,0000 |
| 5 | 00C01 | 0,0000,1100,0000,0001 |
| 6 | 00000 | 0,0000,0000,0000,0000 |

# G7JNRTHOTS03

OAPEL: G7JNRTHOTS03 ALIAS: G7JNRTHOTS03
EXT: R PSID: LS
SCLK1: 03897471:00:0 SCLK2: 03897471:12:0
SCET1: 1997-094/00:53:01.733 SCET2: 1997-094/00:53:09.733
TARGET: JUPITER PARTITION: 1

MODE: 3 GAIN: 2
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 1 RECORD: 0

MB_DOWN: 11011 MB_UP: 11011
COMP_FLAG: 0
EST_COMP: 0.0 EST_COMPV: 0.0
RATE_CON1: 00000 RATE_CON2: 00000
NWAVETOT: 408 TLMFMT: RT

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0302408000 03 02 408 000
WTGRP_SIZ: 2

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 1FFFF | 1,1111,1111,1111,1111 |
| 1 | 1FFFF | 1,1111,1111,1111,1111 |
| 2 | 1FFFF | 1,1111,1111,1111,1111 |
| 3 | 1FFFF | 1,1111,1111,1111,1111 |
| 4 | 1FFFF | 1,1111,1111,1111,1111 |
| 5 | 1FFFF | 1,1111,1111,1111,1111 |
| 6 | 1FFFF | 1,1111,1111,1111,1111 |
| 7 | 1FFFF | 1,1111,1111,1111,1111 |
| 8 | 1FFFF | 1,1111,1111,1111,1111 |
| 9 | 1FFFF | 1,1111,1111,1111,1111 |
| 10 | 1FFFF | 1,1111,1111,1111,1111 |
| 11 | 1FFFF | 1,1111,1111,1111,1111 |
| 12 | 1FFFF | 1,1111,1111,1111,1111 |
| 13 | 1FFFF | 1,1111,1111,1111,1111 |
| 14 | 1FFFF | 1,1111,1111,1111,1111 |
| 15 | 1FFFF | 1,1111,1111,1111,1111 |
| 16 | 1FFFF | 1,1111,1111,1111,1111 |
| 17 | 1FFFF | 1,1111,1111,1111,1111 |
| 18 | 1FFFF | 1,1111,1111,1111,1111 |
| 19 | 1FFFF | 1,1111,1111,1111,1111 |
| 20 | 1FFFF | 1,1111,1111,1111,1111 |
| 21 | 1FFFF | 1,1111,1111,1111,1111 |
| 22 | 1FFFF | 1,1111,1111,1111,1111 |
| 23 | 1FFFF | 1,1111,1111,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7INVOLCAN05

OAPEL: G7INVOLCAN05 ALIAS: G7INVOLCAN05
EXT: A PSID: EA
SCLK1: 03897481:00:0 SCLK2: 03897481:90:0
SCET1: 97-094/01:03:08.400 SCET2: 97-094/01:04:08.400
TARGET: IO PARTITION: 1

MODE: 3 GAIN: 4
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 0 RECORD: 1

MB_DOWN: 00000 MB_UP: 00000
COMP_FLAG: 1
EST_COMP: 2.0 EST_COMPV: 0.3
RATE_CON1: 00000 RATE_CON2: 65525
NWAVETOT: 408 TLMFMT: MPW

THRESHOLD_SEL: 2
THRESHOLD_VALUES: 030, 030, 030, 000, 030, 029, 028, 028, 029
028, 032, 034, 031, 031, 032, 030, 029

WETGID: 0326408001 03 26 408 001
WTGRP_SIZ: 26

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 1FFFF | 1,1111,1111,1111,1111 |
| 1 | 1FFFF | 1,1111,1111,1111,1111 |
| 2 | 1FFFF | 1,1111,1111,1111,1111 |
| 3 | 1FFFF | 1,1111,1111,1111,1111 |
| 4 | 1FFFF | 1,1111,1111,1111,1111 |
| 5 | 1FFFF | 1,1111,1111,1111,1111 |
| 6 | 1FFFF | 1,1111,1111,1111,1111 |
| 7 | 1FFFF | 1,1111,1111,1111,1111 |
| 8 | 1FFFF | 1,1111,1111,1111,1111 |
| 9 | 1FFFF | 1,1111,1111,1111,1111 |
| 10 | 1FFFF | 1,1111,1111,1111,1111 |
| 11 | 1FFFF | 1,1111,1111,1111,1111 |
| 12 | 1FFFF | 1,1111,1111,1111,1111 |
| 13 | 1FFFF | 1,1111,1111,1111,1111 |
| 14 | 1FFFF | 1,1111,1111,1111,1111 |
| 15 | 1FFFF | 1,1111,1111,1111,1111 |
| 16 | 1FFFF | 1,1111,1111,1111,1111 |
| 17 | 1FFFF | 1,1111,1111,1111,1111 |
| 18 | 1FFFF | 1,1111,1111,1111,1111 |
| 19 | 1FFFF | 1,1111,1111,1111,1111 |
| 20 | 1FFFF | 1,1111,1111,1111,1111 |
| 21 | 1FFFF | 1,1111,1111,1111,1111 |
| 22 | 1FFFF | 1,1111,1111,1111,1111 |
| 23 | 1FFFF | 1,1111,1111,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7HNDARK__02

OAPEL: G7HNDARK__02 ALIAS: G7HNDARK__02
EXT: A PSID: DS
SCLK1: 03897493:00:0 SCLK2: 03897493:90:0
SCET1: 97-094/01:15:16.400 SCET2: 97-094/01:16:16.400
TARGET: SKY PARTITION: 1

MODE: 3 GAIN: 2
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 0 RECORD: 1

MB_DOWN: 00000 MB_UP: 00000
COMP_FLAG: 1
EST_COMP: 2.0 EST_COMPV: 0.3
RATE_CON1: 00000 RATE_CON2: 65525
NWAVETOT: 32 TLMFMT: LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0326032001 03 26 032 001
WTGRP_SIZ: 26

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 1FDFF | 1,1111,1101,1111,1111 |
| 1 | 1FDFF | 1,1111,1101,1111,1111 |
| 2 | 00000 | 0,0000,0000,0000,0000 |
| 3 | 00000 | 0,0000,0000,0000,0000 |
| 4 | 00000 | 0,0000,0000,0000,0000 |
| 5 | 00000 | 0,0000,0000,0000,0000 |
| 6 | 00000 | 0,0000,0000,0000,0000 |
| 7 | 00000 | 0,0000,0000,0000,0000 |
| 8 | 00000 | 0,0000,0000,0000,0000 |
| 9 | 00000 | 0,0000,0000,0000,0000 |
| 10 | 00000 | 0,0000,0000,0000,0000 |
| 11 | 00000 | 0,0000,0000,0000,0000 |
| 12 | 00000 | 0,0000,0000,0000,0000 |
| 13 | 00000 | 0,0000,0000,0000,0000 |
| 14 | 00000 | 0,0000,0000,0000,0000 |
| 15 | 00000 | 0,0000,0000,0000,0000 |
| 16 | 00000 | 0,0000,0000,0000,0000 |
| 17 | 00000 | 0,0000,0000,0000,0000 |
| 18 | 00000 | 0,0000,0000,0000,0000 |
| 19 | 00000 | 0,0000,0000,0000,0000 |
| 20 | 00000 | 0,0000,0000,0000,0000 |
| 21 | 00000 | 0,0000,0000,0000,0000 |
| 22 | 00000 | 0,0000,0000,0000,0000 |
| 23 | 00000 | 0,0000,0000,0000,0000 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7INCHEMIS04

OAPEL: G7INCHEMIS04 ALIAS: G7INCHEMIS04
EXT: A PSID: EB
SCLK1: 03897499:00:0 SCLK2: 03897502:41:0
SCET1: 97-094/01:21:20.399 SCET2: 97-094/01:24:50.399
TARGET: IO PARTITION: 1

MODE: 3 GAIN: 2
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 0 RECORD: 1

MB_DOWN: 00000 MB_UP: 00000
COMP_FLAG: 1
EST_COMP: 2.0 EST_COMPV: 0.3
RATE_CON1: 00000 RATE_CON2: 65525
NWAVETOT: 216 TLMFMT: LPU

THRESHOLD_SEL: 2
THRESHOLD_VALUES: 030, 030, 030, 000, 030, 029, 028, 028, 029
028, 032, 034, 031, 031, 032, 030, 029

WETGID: 0326216001 03 26 216 001
WTGRP_SIZ: 26

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00580 | 0,0000,0101,1000,0000 |
| 1 | 1BDFF | 1,1011,1101,1111,1111 |
| 2 | 00580 | 0,0000,0101,1000,0000 |
| 3 | 1BDFF | 1,1011,1101,1111,1111 |
| 4 | 00580 | 0,0000,0101,1000,0000 |
| 5 | 1BDFF | 1,1011,1101,1111,1111 |
| 6 | 00580 | 0,0000,0101,1000,0000 |
| 7 | 1BDFF | 1,1011,1101,1111,1111 |
| 8 | 00580 | 0,0000,0101,1000,0000 |
| 9 | 1BDFF | 1,1011,1101,1111,1111 |
| 10 | 00580 | 0,0000,0101,1000,0000 |
| 11 | 1BDFF | 1,1011,1101,1111,1111 |
| 12 | 00580 | 0,0000,0101,1000,0000 |
| 13 | 1BDFF | 1,1011,1101,1111,1111 |
| 14 | 00580 | 0,0000,0101,1000,0000 |
| 15 | 1BDFF | 1,1011,1101,1111,1111 |
| 16 | 00580 | 0,0000,0101,1000,0000 |
| 17 | 1BDFF | 1,1011,1101,1111,1111 |
| 18 | 00580 | 0,0000,0101,1000,0000 |
| 19 | 1BDFF | 1,1011,1101,1111,1111 |
| 20 | 00580 | 0,0000,0101,1000,0000 |
| 21 | 1BDFF | 1,1011,1101,1111,1111 |
| 22 | 00580 | 0,0000,0101,1000,0000 |
| 23 | 1BDFF | 1,1011,1101,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7ENFLEXUS01

```
OAPEL:  G7ENFLEXUS01            ALIAS:  G7ENFLEXUS01
EXT:    A                       PSID:   DX
SCLK1:  03897540:35:0           SCLK2:  03897541:04:0
SCET1:    97-094/02:03:11.732   SCET2:    97-094/02:03:51.732
TARGET: EUROPA                  PARTITION: 1

MODE:      3                    GAIN:      3
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 0 124          PTAB_B:    1 1 0 0 124
ECAL:      0                    OPCAL:     0
R/T:       0                    RECORD:    1

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                  EST_COMPV: 0.3
RATE_CON1: 00000                RATE_CON2: 65525
NWAVETOT:  228                  TLMFMT:    LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0326228001          03  26  228  001
WTGRP_SIZ: 26
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 01C00 | 0,0001,1100,0000,0000 |
| 1 | 1FDFF | 1,1111,1101,1111,1111 |
| 2 | 01C00 | 0,0001,1100,0000,0000 |
| 3 | 1FDFF | 1,1111,1101,1111,1111 |
| 4 | 01C00 | 0,0001,1100,0000,0000 |
| 5 | 1FDFF | 1,1111,1101,1111,1111 |
| 6 | 01C00 | 0,0001,1100,0000,0000 |
| 7 | 1FDFF | 1,1111,1101,1111,1111 |
| 8 | 01C00 | 0,0001,1100,0000,0000 |
| 9 | 1FDFF | 1,1111,1101,1111,1111 |
| 10 | 01C00 | 0,0001,1100,0000,0000 |
| 11 | 1FDFF | 1,1111,1101,1111,1111 |
| 12 | 01C00 | 0,0001,1100,0000,0000 |
| 13 | 1FDFF | 1,1111,1101,1111,1111 |
| 14 | 01C00 | 0,0001,1100,0000,0000 |
| 15 | 1FDFF | 1,1111,1101,1111,1111 |
| 16 | 01C00 | 0,0001,1100,0000,0000 |
| 17 | 1FDFF | 1,1111,1101,1111,1111 |
| 18 | 01C00 | 0,0001,1100,0000,0000 |
| 19 | 1FDFF | 1,1111,1101,1111,1111 |
| 20 | 01C00 | 0,0001,1100,0000,0000 |
| 21 | 1FDFF | 1,1111,1101,1111,1111 |
| 22 | 01C00 | 0,0001,1100,0000,0000 |
| 23 | 1FDFF | 1,1111,1101,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7ENFLEXUS01

```
OAPEL:  G7ENFLEXUS01              ALIAS:  G7ENFLEXUS01
EXT:    B                         PSID:   DX
SCLK1:  03897552:06:0             SCLK2:  03897556:12:0
SCET1:    97-094/02:15:00.397     SCET2:    97-094/02:19:07.064
TARGET: EUROPA                    PARTITION: 1

MODE:      3                      GAIN:      4
CHOP:      1                      GRAT_OFF:  4
PTAB_A:    1 1 0 0 124            PTAB_B:    1 1 0 0 124
ECAL:      0                      OPCAL:     0
R/T:       0                      RECORD:    1

MB_DOWN:   00000                  MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                    EST_COMPV: 0.3
RATE_CON1: 00000                  RATE_CON2: 65525
NWAVETOT:  108                    TLMFMT:    LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0326108001          03  26  108  001
WTGRP_SIZ: 26
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00000 | 0,0000,0000,0000,0000 |
| 1 | 001FF | 0,0000,0001,1111,1111 |
| 2 | 00000 | 0,0000,0000,0000,0000 |
| 3 | 001FF | 0,0000,0001,1111,1111 |
| 4 | 00000 | 0,0000,0000,0000,0000 |
| 5 | 001FF | 0,0000,0001,1111,1111 |
| 6 | 00000 | 0,0000,0000,0000,0000 |
| 7 | 001FF | 0,0000,0001,1111,1111 |
| 8 | 00000 | 0,0000,0000,0000,0000 |
| 9 | 001FF | 0,0000,0001,1111,1111 |
| 10 | 00000 | 0,0000,0000,0000,0000 |
| 11 | 001FF | 0,0000,0001,1111,1111 |
| 12 | 00000 | 0,0000,0000,0000,0000 |
| 13 | 001FF | 0,0000,0001,1111,1111 |
| 14 | 00000 | 0,0000,0000,0000,0000 |
| 15 | 001FF | 0,0000,0001,1111,1111 |
| 16 | 00000 | 0,0000,0000,0000,0000 |
| 17 | 001FF | 0,0000,0001,1111,1111 |
| 18 | 00000 | 0,0000,0000,0000,0000 |
| 19 | 001FF | 0,0000,0001,1111,1111 |
| 20 | 00000 | 0,0000,0000,0000,0000 |
| 21 | 001FF | 0,0000,0001,1111,1111 |
| 22 | 00000 | 0,0000,0000,0000,0000 |
| 23 | 001FF | 0,0000,0001,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7ENFLEXUS01

```
OAPEL:  G7ENFLEXUS01            ALIAS:  G7ENFLEXUS01
EXT:    C                       PSID:   DX
SCLK1:  03897556:13:0           SCLK2:  03897557:06:0
SCET1:    97-094/02:19:07.730   SCET2:    97-094/02:20:03.731
TARGET: EUROPA                  PARTITION: 1

MODE:      3                    GAIN:      4
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 0 124          PTAB_B:    1 1 0 0 124
ECAL:      0                    OPCAL:     0
R/T:       0                    RECORD:    1

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                  EST_COMPV: 0.3
RATE_CON1: 00000                RATE_CON2: 65525
NWAVETOT:  228                  TLMFMT:    LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0326228001          03  26  228  001
WTGRP_SIZ: 26
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 01C00 | 0,0001,1100,0000,0000 |
| 1 | 1FDFF | 1,1111,1101,1111,1111 |
| 2 | 01C00 | 0,0001,1100,0000,0000 |
| 3 | 1FDFF | 1,1111,1101,1111,1111 |
| 4 | 01C00 | 0,0001,1100,0000,0000 |
| 5 | 1FDFF | 1,1111,1101,1111,1111 |
| 6 | 01C00 | 0,0001,1100,0000,0000 |
| 7 | 1FDFF | 1,1111,1101,1111,1111 |
| 8 | 01C00 | 0,0001,1100,0000,0000 |
| 9 | 1FDFF | 1,1111,1101,1111,1111 |
| 10 | 01C00 | 0,0001,1100,0000,0000 |
| 11 | 1FDFF | 1,1111,1101,1111,1111 |
| 12 | 01C00 | 0,0001,1100,0000,0000 |
| 13 | 1FDFF | 1,1111,1101,1111,1111 |
| 14 | 01C00 | 0,0001,1100,0000,0000 |
| 15 | 1FDFF | 1,1111,1101,1111,1111 |
| 16 | 01C00 | 0,0001,1100,0000,0000 |
| 17 | 1FDFF | 1,1111,1101,1111,1111 |
| 18 | 01C00 | 0,0001,1100,0000,0000 |
| 19 | 1FDFF | 1,1111,1101,1111,1111 |
| 20 | 01C00 | 0,0001,1100,0000,0000 |
| 21 | 1FDFF | 1,1111,1101,1111,1111 |
| 22 | 01C00 | 0,0001,1100,0000,0000 |
| 23 | 1FDFF | 1,1111,1101,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7INCHEMIS05

OAPEL: G7INCHEMIS05 ALIAS: G7INCHEMIS05
EXT: A PSID: EF
SCLK1: 03897704:90:0 SCLK2: 03897708:90:0
SCET1: 97-094/04:49:37.726 SCET2: 97-094/04:53:40.391
TARGET: IO PARTITION: 1

MODE: 3 GAIN: 2
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 0 RECORD: 1

MB_DOWN: 00000 MB_UP: 00000
COMP_FLAG: 1
EST_COMP: 2.0 EST_COMPV: 0.3
RATE_CON1: 00000 RATE_CON2: 65525
NWAVETOT: 216 TLMFMT: LPU

THRESHOLD_SEL: 2
THRESHOLD_VALUES: 030, 030, 030, 000, 030, 029, 028, 028, 029
028, 032, 034, 031, 031, 032, 030, 029

WETGID: 0326216001 03 26 216 001
WTGRP_SIZ: 26

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00580 | 0,0000,0101,1000,0000 |
| 1 | 1BDFF | 1,1011,1101,1111,1111 |
| 2 | 00580 | 0,0000,0101,1000,0000 |
| 3 | 1BDFF | 1,1011,1101,1111,1111 |
| 4 | 00580 | 0,0000,0101,1000,0000 |
| 5 | 1BDFF | 1,1011,1101,1111,1111 |
| 6 | 00580 | 0,0000,0101,1000,0000 |
| 7 | 1BDFF | 1,1011,1101,1111,1111 |
| 8 | 00580 | 0,0000,0101,1000,0000 |
| 9 | 1BDFF | 1,1011,1101,1111,1111 |
| 10 | 00580 | 0,0000,0101,1000,0000 |
| 11 | 1BDFF | 1,1011,1101,1111,1111 |
| 12 | 00580 | 0,0000,0101,1000,0000 |
| 13 | 1BDFF | 1,1011,1101,1111,1111 |
| 14 | 00580 | 0,0000,0101,1000,0000 |
| 15 | 1BDFF | 1,1011,1101,1111,1111 |
| 16 | 00580 | 0,0000,0101,1000,0000 |
| 17 | 1BDFF | 1,1011,1101,1111,1111 |
| 18 | 00580 | 0,0000,0101,1000,0000 |
| 19 | 1BDFF | 1,1011,1101,1111,1111 |
| 20 | 00580 | 0,0000,0101,1000,0000 |
| 21 | 1BDFF | 1,1011,1101,1111,1111 |
| 22 | 00580 | 0,0000,0101,1000,0000 |
| 23 | 1BDFF | 1,1011,1101,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7JNFEX00203

```
OAPEL:  G7JNFEX00203              ALIAS:  G7JNFEX00203
EXT:    A                         PSID:   EG
SCLK1:  03897735:90:0             SCLK2:  03897737:58:0
SCET1:    97-094/05:20:58.390     SCET2:    97-094/05:22:38.390
TARGET: JUPITER                   PARTITION: 1

MODE:      5                      GAIN:      2
CHOP:      1                      GRAT_OFF:  4
PTAB_A:    1 1 0 1 4 6            PTAB_B:    1 1 0 1 4 6
ECAL:      0                      OPCAL:     0
R/T:       0                      RECORD:    1

MB_DOWN:   00000                  MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                    EST_COMPV: 0.3
RATE_CON1: 00000                  RATE_CON2: 65525
NWAVETOT:   15                    TLMFMT:    LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0507015001          05  07  015  001
WTGRP_SIZ:  7
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00000 | 0,0000,0000,0000,0000 |
| 1 | 11500 | 1,0001,0101,0000,0000 |
| 2 | 1A000 | 1,1010,0000,0000,0000 |
| 3 | 00800 | 0,0000,1000,0000,0000 |
| 4 | 0B810 | 0,1011,1000,0001,0000 |
| 5 | 00C00 | 0,0000,1100,0000,0000 |
| 6 | 00000 | 0,0000,0000,0000,0000 |

# G7ENTYREMA01

```
OAPEL:  G7ENTYREMA01              ALIAS:  G7ENTYREMA01
EXT:    A                         PSID:   EH
SCLK1:  03897769:44:0             SCLK2:  03897782:77:0
SCET1:    97-094/05:54:50.389     SCET2:    97-094/06:08:21.056
TARGET: EUROPA                    PARTITION: 1

MODE:      3                      GAIN:      2
CHOP:      1                      GRAT_OFF:  4
PTAB_A:    1 1 0 0 124            PTAB_B:    1 1 0 0 124
ECAL:      0                      OPCAL:     0
R/T:       0                      RECORD:    1

MB_DOWN:   00000                  MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                    EST_COMPV: 0.3
RATE_CON1: 00000                  RATE_CON2: 65525
NWAVETOT:  360                    TLMFMT:    MPW

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0326360001          03  26  360  001
WTGRP_SIZ: 26
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 1BDFF | 1,1011,1101,1111,1111 |
| 1 | 1BDFF | 1,1011,1101,1111,1111 |
| 2 | 1BDFF | 1,1011,1101,1111,1111 |
| 3 | 1BDFF | 1,1011,1101,1111,1111 |
| 4 | 1BDFF | 1,1011,1101,1111,1111 |
| 5 | 1BDFF | 1,1011,1101,1111,1111 |
| 6 | 1BDFF | 1,1011,1101,1111,1111 |
| 7 | 1BDFF | 1,1011,1101,1111,1111 |
| 8 | 1BDFF | 1,1011,1101,1111,1111 |
| 9 | 1BDFF | 1,1011,1101,1111,1111 |
| 10 | 1BDFF | 1,1011,1101,1111,1111 |
| 11 | 1BDFF | 1,1011,1101,1111,1111 |
| 12 | 1BDFF | 1,1011,1101,1111,1111 |
| 13 | 1BDFF | 1,1011,1101,1111,1111 |
| 14 | 1BDFF | 1,1011,1101,1111,1111 |
| 15 | 1BDFF | 1,1011,1101,1111,1111 |
| 16 | 1BDFF | 1,1011,1101,1111,1111 |
| 17 | 1BDFF | 1,1011,1101,1111,1111 |
| 18 | 1BDFF | 1,1011,1101,1111,1111 |
| 19 | 1BDFF | 1,1011,1101,1111,1111 |
| 20 | 1BDFF | 1,1011,1101,1111,1111 |
| 21 | 1BDFF | 1,1011,1101,1111,1111 |
| 22 | 1BDFF | 1,1011,1101,1111,1111 |
| 23 | 1BDFF | 1,1011,1101,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7NNHEALTH03

```
OAPEL:  G7NNHEALTH03            ALIAS:  G7NNHEALTH03
EXT:    R                       PSID:   KE
SCLK1:  03898063:00:0           SCLK2:  03898063:12:0
SCET1:  1997-094/10:51:36.400   SCET2:  1997-094/10:51:44.400
TARGET: CAL                     PARTITION: 1

MODE:      3                    GAIN:      2
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 0 124          PTAB_B:    1 1 0 0 124
ECAL:      0                    OPCAL:     0
R/T:       1                    RECORD:    0

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 0
EST_COMP:  0.0                  EST_COMPV: 0.0
RATE_CON1: 00000                RATE_CON2: 00000
NWAVETOT:  003                  TLMFMT:    RT

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0302003000          03  02  003  000
WTGRP_SIZ:  2
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 08044 | 0,1000,0000,0100,0100 |
| 1 | 00000 | 0,0000,0000,0000,0000 |
| 2 | 00000 | 0,0000,0000,0000,0000 |
| 3 | 00000 | 0,0000,0000,0000,0000 |
| 4 | 00000 | 0,0000,0000,0000,0000 |
| 5 | 00000 | 0,0000,0000,0000,0000 |
| 6 | 00000 | 0,0000,0000,0000,0000 |
| 7 | 00000 | 0,0000,0000,0000,0000 |
| 8 | 00000 | 0,0000,0000,0000,0000 |
| 9 | 00000 | 0,0000,0000,0000,0000 |
| 10 | 00000 | 0,0000,0000,0000,0000 |
| 11 | 00000 | 0,0000,0000,0000,0000 |
| 12 | 00000 | 0,0000,0000,0000,0000 |
| 13 | 00000 | 0,0000,0000,0000,0000 |
| 14 | 00000 | 0,0000,0000,0000,0000 |
| 15 | 00000 | 0,0000,0000,0000,0000 |
| 16 | 00000 | 0,0000,0000,0000,0000 |
| 17 | 00000 | 0,0000,0000,0000,0000 |
| 18 | 00000 | 0,0000,0000,0000,0000 |
| 19 | 00000 | 0,0000,0000,0000,0000 |
| 20 | 00000 | 0,0000,0000,0000,0000 |
| 21 | 00000 | 0,0000,0000,0000,0000 |
| 22 | 00000 | 0,0000,0000,0000,0000 |
| 23 | 00000 | 0,0000,0000,0000,0000 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7JNHOTMAP01

```
OAPEL:  G7JNHOTMAP01            ALIAS:  G7JNHOTMAP01
EXT:    A                       PSID:   FR
SCLK1:  03898081:00:0           SCLK2:  03898092:00:0
SCET1:    97-094/11:09:48.379   SCET2:    97-094/11:20:55.711
TARGET: JUPITER                 PARTITION: 1

MODE:      3                    GAIN:      2
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 0 124          PTAB_B:    1 1 0 0 124
ECAL:      0                    OPCAL:     0
R/T:       0                    RECORD:    1

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                  EST_COMPV: 0.3
RATE_CON1: 00000                RATE_CON2: 65525
NWAVETOT:   72                  TLMFMT:    LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0326072001          03  26  072  001
WTGRP_SIZ: 26
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00007 | 0,0000,0000,0000,0111 |
| 1 | 00007 | 0,0000,0000,0000,0111 |
| 2 | 00007 | 0,0000,0000,0000,0111 |
| 3 | 00007 | 0,0000,0000,0000,0111 |
| 4 | 00007 | 0,0000,0000,0000,0111 |
| 5 | 00007 | 0,0000,0000,0000,0111 |
| 6 | 00007 | 0,0000,0000,0000,0111 |
| 7 | 00007 | 0,0000,0000,0000,0111 |
| 8 | 00007 | 0,0000,0000,0000,0111 |
| 9 | 00007 | 0,0000,0000,0000,0111 |
| 10 | 00007 | 0,0000,0000,0000,0111 |
| 11 | 00007 | 0,0000,0000,0000,0111 |
| 12 | 00007 | 0,0000,0000,0000,0111 |
| 13 | 00007 | 0,0000,0000,0000,0111 |
| 14 | 00007 | 0,0000,0000,0000,0111 |
| 15 | 00007 | 0,0000,0000,0000,0111 |
| 16 | 00007 | 0,0000,0000,0000,0111 |
| 17 | 00007 | 0,0000,0000,0000,0111 |
| 18 | 00007 | 0,0000,0000,0000,0111 |
| 19 | 00007 | 0,0000,0000,0000,0111 |
| 20 | 00007 | 0,0000,0000,0000,0111 |
| 21 | 00007 | 0,0000,0000,0000,0111 |
| 22 | 00007 | 0,0000,0000,0000,0111 |
| 23 | 00007 | 0,0000,0000,0000,0111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7JNFEAP6601

```
OAPEL:  G7JNFEAP6601            ALIAS:  G7JNFEAP6601
EXT:    A                       PSID:   EJ
SCLK1:  03898617:31:0           SCLK2:  03898619:59:0
SCET1:    97-094/20:12:06.359   SCET2:    97-094/20:14:26.358
TARGET: JUPITER                 PARTITION: 1

MODE:      5                    GAIN:      2
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 1 4 6          PTAB_B:    1 1 0 1 4 6
ECAL:      0                    OPCAL:     0
R/T:       0                    RECORD:    1

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                  EST_COMPV: 0.3
RATE_CON1: 00000                RATE_CON2: 65525
NWAVETOT:   25                  TLMFMT:    LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0507025001          05  07  025  001
WTGRP_SIZ:  7
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00400 | 0,0000,0100,0000,0000 |
| 1 | 11D81 | 1,0001,1101,1000,0001 |
| 2 | 19900 | 1,1001,1001,0000,0000 |
| 3 | 01902 | 0,0001,1001,0000,0010 |
| 4 | 0B810 | 0,1011,1000,0001,0000 |
| 5 | 00C01 | 0,0000,1100,0000,0001 |
| 6 | 00000 | 0,0000,0000,0000,0000 |

# G7JNPFTB6601

```
OAPEL:  G7JNPFTB6601            ALIAS:  G7JNPFTB6601
EXT:    A                       PSID:   EK
SCLK1:  03898627:79:0           SCLK2:  03898629:46:0
SCET1:    97-094/20:22:45.024   SCET2:    97-094/20:24:24.358
TARGET: JUPITER                 PARTITION: 1

MODE:      5                    GAIN:      2
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 1 4 6          PTAB_B:    1 1 0 1 4 6
ECAL:      0                    OPCAL:     0
R/T:       0                    RECORD:    1

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                  EST_COMPV: 0.3
RATE_CON1: 00000                RATE_CON2: 65525
NWAVETOT:   25                  TLMFMT:    LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0507025001          05  07  025  001
WTGRP_SIZ:  7
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00400 | 0,0000,0100,0000,0000 |
| 1 | 11D81 | 1,0001,1101,1000,0001 |
| 2 | 19900 | 1,1001,1001,0000,0000 |
| 3 | 01902 | 0,0001,1001,0000,0010 |
| 4 | 0B810 | 0,1011,1000,0001,0000 |
| 5 | 00C01 | 0,0000,1100,0000,0001 |
| 6 | 00000 | 0,0000,0000,0000,0000 |

# G7NNHEALTH04

```
OAPEL:  G7NNHEALTH04            ALIAS:  G7NNHEALTH04
EXT:    R                       PSID:   KF
SCLK1:  03898632:00:0           SCLK2:  03898632:12:0
SCET1:  1997-094/20:26:55.666   SCET2:  1997-094/20:27:03.666
TARGET: CAL                     PARTITION: 1

MODE:      3                    GAIN:      2
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 0 124          PTAB_B:    1 1 0 0 124
ECAL:      0                    OPCAL:     0
R/T:       1                    RECORD:    0

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 0
EST_COMP:  0.0                  EST_COMPV: 0.0
RATE_CON1: 00000                RATE_CON2: 00000
NWAVETOT:  003                  TLMFMT:    RT

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0302003000          03  02  003  000
WTGRP_SIZ:  2
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 08044 | 0,1000,0000,0100,0100 |
| 1 | 00000 | 0,0000,0000,0000,0000 |
| 2 | 00000 | 0,0000,0000,0000,0000 |
| 3 | 00000 | 0,0000,0000,0000,0000 |
| 4 | 00000 | 0,0000,0000,0000,0000 |
| 5 | 00000 | 0,0000,0000,0000,0000 |
| 6 | 00000 | 0,0000,0000,0000,0000 |
| 7 | 00000 | 0,0000,0000,0000,0000 |
| 8 | 00000 | 0,0000,0000,0000,0000 |
| 9 | 00000 | 0,0000,0000,0000,0000 |
| 10 | 00000 | 0,0000,0000,0000,0000 |
| 11 | 00000 | 0,0000,0000,0000,0000 |
| 12 | 00000 | 0,0000,0000,0000,0000 |
| 13 | 00000 | 0,0000,0000,0000,0000 |
| 14 | 00000 | 0,0000,0000,0000,0000 |
| 15 | 00000 | 0,0000,0000,0000,0000 |
| 16 | 00000 | 0,0000,0000,0000,0000 |
| 17 | 00000 | 0,0000,0000,0000,0000 |
| 18 | 00000 | 0,0000,0000,0000,0000 |
| 19 | 00000 | 0,0000,0000,0000,0000 |
| 20 | 00000 | 0,0000,0000,0000,0000 |
| 21 | 00000 | 0,0000,0000,0000,0000 |
| 22 | 00000 | 0,0000,0000,0000,0000 |
| 23 | 00000 | 0,0000,0000,0000,0000 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7JNFEAP6602

```
OAPEL:  G7JNFEAP6602            ALIAS:  G7JNFEAP6602
EXT:    A                       PSID:   EL
SCLK1:  03898680:00:0           SCLK2:  03898684:82:0
SCET1:    97-094/21:15:27.689   SCET2:    97-094/21:20:25.022
TARGET: JUPITER                 PARTITION: 1

MODE:      5                    GAIN:      2
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 1 4 6          PTAB_B:    1 1 0 1 4 6
ECAL:      0                    OPCAL:     0
R/T:       0                    RECORD:    1

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                  EST_COMPV: 0.3
RATE_CON1: 00000                RATE_CON2: 65525
NWAVETOT:   25                  TLMFMT:    LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0507025001          05  07  025  001
WTGRP_SIZ:  7
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00400 | 0,0000,0100,0000,0000 |
| 1 | 11D81 | 1,0001,1101,1000,0001 |
| 2 | 19900 | 1,1001,1001,0000,0000 |
| 3 | 01902 | 0,0001,1001,0000,0010 |
| 4 | 0B810 | 0,1011,1000,0001,0000 |
| 5 | 00C01 | 0,0000,1100,0000,0001 |
| 6 | 00000 | 0,0000,0000,0000,0000 |

# G7JNPFTB6602

OAPEL: G7JNPFTB6602 ALIAS: G7JNPFTB6602
EXT: A PSID: EM
SCLK1: 03898690:00:0 SCLK2: 03898693:47:0
SCET1: 97-094/21:25:34.356 SCET2: 97-094/21:29:07.689
TARGET: JUPITER PARTITION: 1

MODE: 5 GAIN: 2
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 1 4 6 PTAB_B: 1 1 0 1 4 6
ECAL: 0 OPCAL: 0
R/T: 0 RECORD: 1

MB_DOWN: 00000 MB_UP: 00000
COMP_FLAG: 1
EST_COMP: 2.0 EST_COMPV: 0.3
RATE_CON1: 00000 RATE_CON2: 65525
NWAVETOT: 25 TLMFMT: LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0507025001 05 07 025 001
WTGRP_SIZ: 7

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00400 | 0,0000,0100,0000,0000 |
| 1 | 11D81 | 1,0001,1101,1000,0001 |
| 2 | 19900 | 1,1001,1001,0000,0000 |
| 3 | 01902 | 0,0001,1001,0000,0010 |
| 4 | 0B810 | 0,1011,1000,0001,0000 |
| 5 | 00C01 | 0,0000,1100,0000,0001 |
| 6 | 00000 | 0,0000,0000,0000,0000 |

# G7JNPFC06601

```
OAPEL:  G7JNPFC06601            ALIAS:  G7JNPFC06601
EXT:    A                       PSID:   EN
SCLK1:  03898698:00:0           SCLK2:  03898702:86:0
SCET1:    97-094/21:33:39.689   SCET2:    97-094/21:38:39.688
TARGET: JUPITER                 PARTITION: 1

MODE:      5                    GAIN:      2
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 1 4 6          PTAB_B:    1 1 0 1 4 6
ECAL:      0                    OPCAL:     0
R/T:       0                    RECORD:    1

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                  EST_COMPV: 0.3
RATE_CON1: 00000                RATE_CON2: 65525
NWAVETOT:   25                  TLMFMT:    LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0507025001          05  07  025  001
WTGRP_SIZ:  7
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00400 | 0,0000,0100,0000,0000 |
| 1 | 11D81 | 1,0001,1101,1000,0001 |
| 2 | 19900 | 1,1001,1001,0000,0000 |
| 3 | 01902 | 0,0001,1001,0000,0010 |
| 4 | 0B810 | 0,1011,1000,0001,0000 |
| 5 | 00C01 | 0,0000,1100,0000,0001 |
| 6 | 00000 | 0,0000,0000,0000,0000 |

# G7JNFEA53M01

```
OAPEL:  G7JNFEA53M01            ALIAS:  G7JNFEA53M01
EXT:    A                       PSID:   EO
SCLK1:  03898731:00:0           SCLK2:  03898736:25:0
SCET1:    97-094/22:07:01.687   SCET2:    97-094/22:12:21.687
TARGET: JUPITER                 PARTITION: 1

MODE:      3                    GAIN:      4
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 0 124          PTAB_B:    1 1 0 0 124
ECAL:      0                    OPCAL:     0
R/T:       0                    RECORD:    1

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                  EST_COMPV: 0.3
RATE_CON1: 00000                RATE_CON2: 65525
NWAVETOT:   83                  TLMFMT:    LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0326083001          03  26  083  001
WTGRP_SIZ: 26
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 01003 | 0,0001,0000,0000,0011 |
| 1 | 01003 | 0,0001,0000,0000,0011 |
| 2 | 01003 | 0,0001,0000,0000,0011 |
| 3 | 01103 | 0,0001,0001,0000,0011 |
| 4 | 00103 | 0,0000,0001,0000,0011 |
| 5 | 01107 | 0,0001,0001,0000,0111 |
| 6 | 00107 | 0,0000,0001,0000,0111 |
| 7 | 00107 | 0,0000,0001,0000,0111 |
| 8 | 00107 | 0,0000,0001,0000,0111 |
| 9 | 00107 | 0,0000,0001,0000,0111 |
| 10 | 00107 | 0,0000,0001,0000,0111 |
| 11 | 00107 | 0,0000,0001,0000,0111 |
| 12 | 00107 | 0,0000,0001,0000,0111 |
| 13 | 00107 | 0,0000,0001,0000,0111 |
| 14 | 00007 | 0,0000,0000,0000,0111 |
| 15 | 00007 | 0,0000,0000,0000,0111 |
| 16 | 00007 | 0,0000,0000,0000,0111 |
| 17 | 00007 | 0,0000,0000,0000,0111 |
| 18 | 00007 | 0,0000,0000,0000,0111 |
| 19 | 00007 | 0,0000,0000,0000,0111 |
| 20 | 00007 | 0,0000,0000,0000,0111 |
| 21 | 00007 | 0,0000,0000,0000,0111 |
| 22 | 00007 | 0,0000,0000,0000,0111 |
| 23 | 00007 | 0,0000,0000,0000,0111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7JNFEA5UM01

OAPEL: G7JNFEA5UM01 ALIAS: G7JNFEA5UM01
EXT: A PSID: EP
SCLK1: 03898781:00:0 SCLK2: 03898785:86:0
SCET1: 97-094/22:57:35.018 SCET2: 97-094/23:02:35.018
TARGET: JUPITER PARTITION: 1

MODE: 3 GAIN: 4
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 0 RECORD: 1

MB_DOWN: 00000 MB_UP: 00000
COMP_FLAG: 1
EST_COMP: 2.0 EST_COMPV: 0.3
RATE_CON1: 00000 RATE_CON2: 65525
NWAVETOT: 80 TLMFMT: MPW

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0326080001 03 26 080 001
WTGRP_SIZ: 26

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00007 | 0,0000,0000,0000,0111 |
| 1 | 00007 | 0,0000,0000,0000,0111 |
| 2 | 00007 | 0,0000,0000,0000,0111 |
| 3 | 00007 | 0,0000,0000,0000,0111 |
| 4 | 00007 | 0,0000,0000,0000,0111 |
| 5 | 00007 | 0,0000,0000,0000,0111 |
| 6 | 00007 | 0,0000,0000,0000,0111 |
| 7 | 00007 | 0,0000,0000,0000,0111 |
| 8 | 00007 | 0,0000,0000,0000,0111 |
| 9 | 00007 | 0,0000,0000,0000,0111 |
| 10 | 00007 | 0,0000,0000,0000,0111 |
| 11 | 00007 | 0,0000,0000,0000,0111 |
| 12 | 00007 | 0,0000,0000,0000,0111 |
| 13 | 00007 | 0,0000,0000,0000,0111 |
| 14 | 00007 | 0,0000,0000,0000,0111 |
| 15 | 00007 | 0,0000,0000,0000,0111 |
| 16 | 0000F | 0,0000,0000,0000,1111 |
| 17 | 0000F | 0,0000,0000,0000,1111 |
| 18 | 0000F | 0,0000,0000,0000,1111 |
| 19 | 0000F | 0,0000,0000,0000,1111 |
| 20 | 0000F | 0,0000,0000,0000,1111 |
| 21 | 0000F | 0,0000,0000,0000,1111 |
| 22 | 0000F | 0,0000,0000,0000,1111 |
| 23 | 0000F | 0,0000,0000,0000,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7NNHEALTH05

```
OAPEL:  G7NNHEALTH05            ALIAS:  G7NNHEALTH05
EXT:    R                       PSID:   KG
SCLK1:  03898801:00:0           SCLK2:  03898801:12:0
SCET1:  1997-094/23:17:48.333   SCET2:  1997-094/23:17:56.333
TARGET: CAL                     PARTITION: 1

MODE:      3                    GAIN:      2
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 0 124          PTAB_B:    1 1 0 0 124
ECAL:      0                    OPCAL:     0
R/T:       1                    RECORD:    0

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 0
EST_COMP:  0.0                  EST_COMPV: 0.0
RATE_CON1: 00000                RATE_CON2: 00000
NWAVETOT:  003                  TLMFMT:    RT

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0302003000          03  02  003  000
WTGRP_SIZ:  2
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 08044 | 0,1000,0000,0100,0100 |
| 1 | 00000 | 0,0000,0000,0000,0000 |
| 2 | 00000 | 0,0000,0000,0000,0000 |
| 3 | 00000 | 0,0000,0000,0000,0000 |
| 4 | 00000 | 0,0000,0000,0000,0000 |
| 5 | 00000 | 0,0000,0000,0000,0000 |
| 6 | 00000 | 0,0000,0000,0000,0000 |
| 7 | 00000 | 0,0000,0000,0000,0000 |
| 8 | 00000 | 0,0000,0000,0000,0000 |
| 9 | 00000 | 0,0000,0000,0000,0000 |
| 10 | 00000 | 0,0000,0000,0000,0000 |
| 11 | 00000 | 0,0000,0000,0000,0000 |
| 12 | 00000 | 0,0000,0000,0000,0000 |
| 13 | 00000 | 0,0000,0000,0000,0000 |
| 14 | 00000 | 0,0000,0000,0000,0000 |
| 15 | 00000 | 0,0000,0000,0000,0000 |
| 16 | 00000 | 0,0000,0000,0000,0000 |
| 17 | 00000 | 0,0000,0000,0000,0000 |
| 18 | 00000 | 0,0000,0000,0000,0000 |
| 19 | 00000 | 0,0000,0000,0000,0000 |
| 20 | 00000 | 0,0000,0000,0000,0000 |
| 21 | 00000 | 0,0000,0000,0000,0000 |
| 22 | 00000 | 0,0000,0000,0000,0000 |
| 23 | 00000 | 0,0000,0000,0000,0000 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7GNGLOBAL01

```
OAPEL:  G7GNGLOBAL01            ALIAS:  G7GNGLOBAL01
EXT:    A                       PSID:   ES
SCLK1:  03898870:00:0           SCLK2:  03898875:20:0
SCET1:    97-095/00:27:34.349   SCET2:    97-095/00:32:51.015
TARGET: GANYMEDE                PARTITION: 1

MODE:      3                    GAIN:      3
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 0 124          PTAB_B:    1 1 0 0 124
ECAL:      0                    OPCAL:     0
R/T:       0                    RECORD:    1

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                  EST_COMPV: 0.3
RATE_CON1: 00000                RATE_CON2: 65525
NWAVETOT:  192                  TLMFMT:    LPU

THRESHOLD_SEL: 2
THRESHOLD_VALUES:  030, 030, 030, 000, 030, 029, 028, 028, 029
                   028, 032, 034, 031, 031, 032, 030, 029

WETGID:    0326192001          03  26  192  001
WTGRP_SIZ: 26
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00400 | 0,0000,0100,0000,0000 |
| 1 | 1BDFF | 1,1011,1101,1111,1111 |
| 2 | 00400 | 0,0000,0100,0000,0000 |
| 3 | 1BDFF | 1,1011,1101,1111,1111 |
| 4 | 00400 | 0,0000,0100,0000,0000 |
| 5 | 1BDFF | 1,1011,1101,1111,1111 |
| 6 | 00400 | 0,0000,0100,0000,0000 |
| 7 | 1BDFF | 1,1011,1101,1111,1111 |
| 8 | 00400 | 0,0000,0100,0000,0000 |
| 9 | 1BDFF | 1,1011,1101,1111,1111 |
| 10 | 00400 | 0,0000,0100,0000,0000 |
| 11 | 1BDFF | 1,1011,1101,1111,1111 |
| 12 | 00400 | 0,0000,0100,0000,0000 |
| 13 | 1BDFF | 1,1011,1101,1111,1111 |
| 14 | 00400 | 0,0000,0100,0000,0000 |
| 15 | 1BDFF | 1,1011,1101,1111,1111 |
| 16 | 00400 | 0,0000,0100,0000,0000 |
| 17 | 1BDFF | 1,1011,1101,1111,1111 |
| 18 | 00400 | 0,0000,0100,0000,0000 |
| 19 | 1BDFF | 1,1011,1101,1111,1111 |
| 20 | 00400 | 0,0000,0100,0000,0000 |
| 21 | 1BDFF | 1,1011,1101,1111,1111 |
| 22 | 00400 | 0,0000,0100,0000,0000 |
| 23 | 1BDFF | 1,1011,1101,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7GNGLOBAL01

```
OAPEL:  G7GNGLOBAL01            ALIAS:  G7GNGLOBAL01
EXT:    B                       PSID:   ES
SCLK1:  03898881:61:0           SCLK2:  03898889:03:0
SCET1:    97-095/00:39:22.349   SCET2:    97-095/00:46:49.014
TARGET: GANYMEDE                PARTITION: 1

MODE:      3                    GAIN:      3
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 0 124          PTAB_B:    1 1 0 0 124
ECAL:      0                    OPCAL:     0
R/T:       0                    RECORD:    1

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                  EST_COMPV: 0.3
RATE_CON1: 00000                RATE_CON2: 65525
NWAVETOT:  192                  TLMFMT:    LPU

THRESHOLD_SEL: 2
THRESHOLD_VALUES:  030, 030, 030, 000, 030, 029, 028, 028, 029
                   028, 032, 034, 031, 031, 032, 030, 029

WETGID:    0326192001          03  26  192  001
WTGRP_SIZ: 26
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00400 | 0,0000,0100,0000,0000 |
| 1 | 1BDFF | 1,1011,1101,1111,1111 |
| 2 | 00400 | 0,0000,0100,0000,0000 |
| 3 | 1BDFF | 1,1011,1101,1111,1111 |
| 4 | 00400 | 0,0000,0100,0000,0000 |
| 5 | 1BDFF | 1,1011,1101,1111,1111 |
| 6 | 00400 | 0,0000,0100,0000,0000 |
| 7 | 1BDFF | 1,1011,1101,1111,1111 |
| 8 | 00400 | 0,0000,0100,0000,0000 |
| 9 | 1BDFF | 1,1011,1101,1111,1111 |
| 10 | 00400 | 0,0000,0100,0000,0000 |
| 11 | 1BDFF | 1,1011,1101,1111,1111 |
| 12 | 00400 | 0,0000,0100,0000,0000 |
| 13 | 1BDFF | 1,1011,1101,1111,1111 |
| 14 | 00400 | 0,0000,0100,0000,0000 |
| 15 | 1BDFF | 1,1011,1101,1111,1111 |
| 16 | 00400 | 0,0000,0100,0000,0000 |
| 17 | 1BDFF | 1,1011,1101,1111,1111 |
| 18 | 00400 | 0,0000,0100,0000,0000 |
| 19 | 1BDFF | 1,1011,1101,1111,1111 |
| 20 | 00400 | 0,0000,0100,0000,0000 |
| 21 | 1BDFF | 1,1011,1101,1111,1111 |
| 22 | 00400 | 0,0000,0100,0000,0000 |
| 23 | 1BDFF | 1,1011,1101,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7GNGLOBAL01

```
OAPEL:  G7GNGLOBAL01            ALIAS:  G7GNGLOBAL01
EXT:    C                       PSID:   ES
SCLK1:  03898893:31:0           SCLK2:  03898897:60:0
SCET1:    97-095/00:51:10.348   SCET2:    97-095/00:55:32.348
TARGET: GANYMEDE                PARTITION: 1

MODE:      3                    GAIN:      3
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 0 124          PTAB_B:    1 1 0 0 124
ECAL:      0                    OPCAL:     0
R/T:       0                    RECORD:    1

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                  EST_COMPV: 0.3
RATE_CON1: 00000                RATE_CON2: 65525
NWAVETOT:  192                  TLMFMT:    LPU

THRESHOLD_SEL: 2
THRESHOLD_VALUES:  030, 030, 030, 000, 030, 029, 028, 028, 029
                   028, 032, 034, 031, 031, 032, 030, 029

WETGID:    0326192001          03  26  192  001
WTGRP_SIZ: 26
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00400 | 0,0000,0100,0000,0000 |
| 1 | 1BDFF | 1,1011,1101,1111,1111 |
| 2 | 00400 | 0,0000,0100,0000,0000 |
| 3 | 1BDFF | 1,1011,1101,1111,1111 |
| 4 | 00400 | 0,0000,0100,0000,0000 |
| 5 | 1BDFF | 1,1011,1101,1111,1111 |
| 6 | 00400 | 0,0000,0100,0000,0000 |
| 7 | 1BDFF | 1,1011,1101,1111,1111 |
| 8 | 00400 | 0,0000,0100,0000,0000 |
| 9 | 1BDFF | 1,1011,1101,1111,1111 |
| 10 | 00400 | 0,0000,0100,0000,0000 |
| 11 | 1BDFF | 1,1011,1101,1111,1111 |
| 12 | 00400 | 0,0000,0100,0000,0000 |
| 13 | 1BDFF | 1,1011,1101,1111,1111 |
| 14 | 00400 | 0,0000,0100,0000,0000 |
| 15 | 1BDFF | 1,1011,1101,1111,1111 |
| 16 | 00400 | 0,0000,0100,0000,0000 |
| 17 | 1BDFF | 1,1011,1101,1111,1111 |
| 18 | 00400 | 0,0000,0100,0000,0000 |
| 19 | 1BDFF | 1,1011,1101,1111,1111 |
| 20 | 00400 | 0,0000,0100,0000,0000 |
| 21 | 1BDFF | 1,1011,1101,1111,1111 |
| 22 | 00400 | 0,0000,0100,0000,0000 |
| 23 | 1BDFF | 1,1011,1101,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7GNGLOBAL01

```
OAPEL:  G7GNGLOBAL01            ALIAS:  G7GNGLOBAL01
EXT:    D                       PSID:   ES
SCLK1:  03898870:26:0           SCLK2:  03898875:20:0
SCET1:    97-095/00:27:52.016   SCET2:    97-095/00:32:51.015
TARGET: GANYMEDE                PARTITION: 1

MODE:      3                    GAIN:      3
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 0 124          PTAB_B:    1 1 0 0 124
ECAL:      0                    OPCAL:     0
R/T:       0                    RECORD:    1

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                  EST_COMPV: 0.3
RATE_CON1: 00000                RATE_CON2: 65525
NWAVETOT:  192                  TLMFMT:    LPU

THRESHOLD_SEL: 2
THRESHOLD_VALUES:  030, 030, 030, 000, 030, 029, 028, 028, 029
                   028, 032, 034, 031, 031, 032, 030, 029

WETGID:    0326192001          03  26  192  001
WTGRP_SIZ: 26
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00400 | 0,0000,0100,0000,0000 |
| 1 | 1BDFF | 1,1011,1101,1111,1111 |
| 2 | 00400 | 0,0000,0100,0000,0000 |
| 3 | 1BDFF | 1,1011,1101,1111,1111 |
| 4 | 00400 | 0,0000,0100,0000,0000 |
| 5 | 1BDFF | 1,1011,1101,1111,1111 |
| 6 | 00400 | 0,0000,0100,0000,0000 |
| 7 | 1BDFF | 1,1011,1101,1111,1111 |
| 8 | 00400 | 0,0000,0100,0000,0000 |
| 9 | 1BDFF | 1,1011,1101,1111,1111 |
| 10 | 00400 | 0,0000,0100,0000,0000 |
| 11 | 1BDFF | 1,1011,1101,1111,1111 |
| 12 | 00400 | 0,0000,0100,0000,0000 |
| 13 | 1BDFF | 1,1011,1101,1111,1111 |
| 14 | 00400 | 0,0000,0100,0000,0000 |
| 15 | 1BDFF | 1,1011,1101,1111,1111 |
| 16 | 00400 | 0,0000,0100,0000,0000 |
| 17 | 1BDFF | 1,1011,1101,1111,1111 |
| 18 | 00400 | 0,0000,0100,0000,0000 |
| 19 | 1BDFF | 1,1011,1101,1111,1111 |
| 20 | 00400 | 0,0000,0100,0000,0000 |
| 21 | 1BDFF | 1,1011,1101,1111,1111 |
| 22 | 00400 | 0,0000,0100,0000,0000 |
| 23 | 1BDFF | 1,1011,1101,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7GNGLOBAL01

```
OAPEL:  G7GNGLOBAL01            ALIAS:  G7GNGLOBAL01
EXT:    E                       PSID:   ES
SCLK1:  03898881:78:0           SCLK2:  03898889:03:0
SCET1:    97-095/00:39:33.682   SCET2:    97-095/00:46:49.014
TARGET: GANYMEDE                PARTITION: 1

MODE:      3                    GAIN:      3
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 0 124          PTAB_B:    1 1 0 0 124
ECAL:      0                    OPCAL:     0
R/T:       0                    RECORD:    1

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                  EST_COMPV: 0.3
RATE_CON1: 00000                RATE_CON2: 65525
NWAVETOT:  192                  TLMFMT:    LPU

THRESHOLD_SEL: 2
THRESHOLD_VALUES:  030, 030, 030, 000, 030, 029, 028, 028, 029
                   028, 032, 034, 031, 031, 032, 030, 029

WETGID:    0326192001          03  26  192  001
WTGRP_SIZ: 26
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00400 | 0,0000,0100,0000,0000 |
| 1 | 1BDFF | 1,1011,1101,1111,1111 |
| 2 | 00400 | 0,0000,0100,0000,0000 |
| 3 | 1BDFF | 1,1011,1101,1111,1111 |
| 4 | 00400 | 0,0000,0100,0000,0000 |
| 5 | 1BDFF | 1,1011,1101,1111,1111 |
| 6 | 00400 | 0,0000,0100,0000,0000 |
| 7 | 1BDFF | 1,1011,1101,1111,1111 |
| 8 | 00400 | 0,0000,0100,0000,0000 |
| 9 | 1BDFF | 1,1011,1101,1111,1111 |
| 10 | 00400 | 0,0000,0100,0000,0000 |
| 11 | 1BDFF | 1,1011,1101,1111,1111 |
| 12 | 00400 | 0,0000,0100,0000,0000 |
| 13 | 1BDFF | 1,1011,1101,1111,1111 |
| 14 | 00400 | 0,0000,0100,0000,0000 |
| 15 | 1BDFF | 1,1011,1101,1111,1111 |
| 16 | 00400 | 0,0000,0100,0000,0000 |
| 17 | 1BDFF | 1,1011,1101,1111,1111 |
| 18 | 00400 | 0,0000,0100,0000,0000 |
| 19 | 1BDFF | 1,1011,1101,1111,1111 |
| 20 | 00400 | 0,0000,0100,0000,0000 |
| 21 | 1BDFF | 1,1011,1101,1111,1111 |
| 22 | 00400 | 0,0000,0100,0000,0000 |
| 23 | 1BDFF | 1,1011,1101,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7GNGLOBAL01

OAPEL: G7GNGLOBAL01 ALIAS: G7GNGLOBAL01
EXT: F PSID: ES
SCLK1: 03898893:52:0 SCLK2: 03898897:60:0
SCET1: 97-095/00:51:24.348 SCET2: 97-095/00:55:32.348
TARGET: GANYMEDE PARTITION: 1

MODE: 3 GAIN: 3
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 0 RECORD: 1

MB_DOWN: 00000 MB_UP: 00000
COMP_FLAG: 1
EST_COMP: 2.0 EST_COMPV: 0.3
RATE_CON1: 00000 RATE_CON2: 65525
NWAVETOT: 192 TLMFMT: LPU

THRESHOLD_SEL: 2
THRESHOLD_VALUES: 030, 030, 030, 000, 030, 029, 028, 028, 029
028, 032, 034, 031, 031, 032, 030, 029

WETGID: 0326192001 03 26 192 001
WTGRP_SIZ: 26

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00400 | 0,0000,0100,0000,0000 |
| 1 | 1BDFF | 1,1011,1101,1111,1111 |
| 2 | 00400 | 0,0000,0100,0000,0000 |
| 3 | 1BDFF | 1,1011,1101,1111,1111 |
| 4 | 00400 | 0,0000,0100,0000,0000 |
| 5 | 1BDFF | 1,1011,1101,1111,1111 |
| 6 | 00400 | 0,0000,0100,0000,0000 |
| 7 | 1BDFF | 1,1011,1101,1111,1111 |
| 8 | 00400 | 0,0000,0100,0000,0000 |
| 9 | 1BDFF | 1,1011,1101,1111,1111 |
| 10 | 00400 | 0,0000,0100,0000,0000 |
| 11 | 1BDFF | 1,1011,1101,1111,1111 |
| 12 | 00400 | 0,0000,0100,0000,0000 |
| 13 | 1BDFF | 1,1011,1101,1111,1111 |
| 14 | 00400 | 0,0000,0100,0000,0000 |
| 15 | 1BDFF | 1,1011,1101,1111,1111 |
| 16 | 00400 | 0,0000,0100,0000,0000 |
| 17 | 1BDFF | 1,1011,1101,1111,1111 |
| 18 | 00400 | 0,0000,0100,0000,0000 |
| 19 | 1BDFF | 1,1011,1101,1111,1111 |
| 20 | 00400 | 0,0000,0100,0000,0000 |
| 21 | 1BDFF | 1,1011,1101,1111,1111 |
| 22 | 00400 | 0,0000,0100,0000,0000 |
| 23 | 1BDFF | 1,1011,1101,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7JNFEX10803

OAPEL: G7JNFEX10803 ALIAS: G7JNFEX10803
EXT: A PSID: EV
SCLK1: 03899049:00:0 SCLK2: 03899050:59:0
SCET1: 97-095/03:28:33.675 SCET2: 97-095/03:30:13.675
TARGET: JUPITER PARTITION: 1

MODE: 5 GAIN: 2
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 1 4 6 PTAB_B: 1 1 0 1 4 6
ECAL: 0 OPCAL: 0
R/T: 0 RECORD: 1

MB_DOWN: 00000 MB_UP: 00000
COMP_FLAG: 1
EST_COMP: 2.0 EST_COMPV: 0.3
RATE_CON1: 00000 RATE_CON2: 65525
NWAVETOT: 19 TLMFMT: LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0507019001 05 07 019 001
WTGRP_SIZ: 7

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00400 | 0,0000,0100,0000,0000 |
| 1 | 11501 | 1,0001,0101,0000,0001 |
| 2 | 1A000 | 1,1010,0000,0000,0000 |
| 3 | 00802 | 0,0000,1000,0000,0010 |
| 4 | 0B810 | 0,1011,1000,0001,0000 |
| 5 | 00C01 | 0,0000,1100,0000,0001 |
| 6 | 00000 | 0,0000,0000,0000,0000 |

# G7NNHEALTH06

```
OAPEL:  G7NNHEALTH06            ALIAS:  G7NNHEALTH06
EXT:    R                       PSID:   KH
SCLK1:  03899092:00:0           SCLK2:  03899092:12:0
SCET1:  1997-095/04:12:02.333   SCET2:  1997-095/04:12:10.333
TARGET: CAL                     PARTITION: 1

MODE:      3                    GAIN:      2
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 0 124          PTAB_B:    1 1 0 0 124
ECAL:      0                    OPCAL:     0
R/T:       1                    RECORD:    0

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 0
EST_COMP:  0.0                  EST_COMPV: 0.0
RATE_CON1: 00000                RATE_CON2: 00000
NWAVETOT:  003                  TLMFMT:    RT

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0302003000          03  02  003  000
WTGRP_SIZ:  2
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 08044 | 0,1000,0000,0100,0100 |
| 1 | 00000 | 0,0000,0000,0000,0000 |
| 2 | 00000 | 0,0000,0000,0000,0000 |
| 3 | 00000 | 0,0000,0000,0000,0000 |
| 4 | 00000 | 0,0000,0000,0000,0000 |
| 5 | 00000 | 0,0000,0000,0000,0000 |
| 6 | 00000 | 0,0000,0000,0000,0000 |
| 7 | 00000 | 0,0000,0000,0000,0000 |
| 8 | 00000 | 0,0000,0000,0000,0000 |
| 9 | 00000 | 0,0000,0000,0000,0000 |
| 10 | 00000 | 0,0000,0000,0000,0000 |
| 11 | 00000 | 0,0000,0000,0000,0000 |
| 12 | 00000 | 0,0000,0000,0000,0000 |
| 13 | 00000 | 0,0000,0000,0000,0000 |
| 14 | 00000 | 0,0000,0000,0000,0000 |
| 15 | 00000 | 0,0000,0000,0000,0000 |
| 16 | 00000 | 0,0000,0000,0000,0000 |
| 17 | 00000 | 0,0000,0000,0000,0000 |
| 18 | 00000 | 0,0000,0000,0000,0000 |
| 19 | 00000 | 0,0000,0000,0000,0000 |
| 20 | 00000 | 0,0000,0000,0000,0000 |
| 21 | 00000 | 0,0000,0000,0000,0000 |
| 22 | 00000 | 0,0000,0000,0000,0000 |
| 23 | 00000 | 0,0000,0000,0000,0000 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7GNNHILAT01

OAPEL: G7GNNHILAT01 ALIAS: G7GNNHILAT01
EXT: A PSID: FV
SCLK1: 03899120:00:0 SCLK2: 03899122:00:0
SCET1: 97-095/04:40:21.007 SCET2: 97-095/04:42:22.341
TARGET: GANYMEDE PARTITION: 1

MODE: 3 GAIN: 3
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 0 RECORD: 1

MB_DOWN: 00000 MB_UP: 00000
COMP_FLAG: 1
EST_COMP: 2.0 EST_COMPV: 0.3
RATE_CON1: 00000 RATE_CON2: 65525
NWAVETOT: 192 TLMFMT: LPU

THRESHOLD_SEL: 2
THRESHOLD_VALUES: 030, 030, 030, 000, 030, 029, 028, 028, 029
028, 032, 034, 031, 031, 032, 030, 029

WETGID: 0326192001 03 26 192 001
WTGRP_SIZ: 26

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00800 | 0,0000,1000,0000,0000 |
| 1 | 1BDFF | 1,1011,1101,1111,1111 |
| 2 | 00800 | 0,0000,1000,0000,0000 |
| 3 | 1BDFF | 1,1011,1101,1111,1111 |
| 4 | 00800 | 0,0000,1000,0000,0000 |
| 5 | 1BDFF | 1,1011,1101,1111,1111 |
| 6 | 00800 | 0,0000,1000,0000,0000 |
| 7 | 1BDFF | 1,1011,1101,1111,1111 |
| 8 | 00800 | 0,0000,1000,0000,0000 |
| 9 | 1BDFF | 1,1011,1101,1111,1111 |
| 10 | 00800 | 0,0000,1000,0000,0000 |
| 11 | 1BDFF | 1,1011,1101,1111,1111 |
| 12 | 00800 | 0,0000,1000,0000,0000 |
| 13 | 1BDFF | 1,1011,1101,1111,1111 |
| 14 | 00800 | 0,0000,1000,0000,0000 |
| 15 | 1BDFF | 1,1011,1101,1111,1111 |
| 16 | 00800 | 0,0000,1000,0000,0000 |
| 17 | 1BDFF | 1,1011,1101,1111,1111 |
| 18 | 00800 | 0,0000,1000,0000,0000 |
| 19 | 1BDFF | 1,1011,1101,1111,1111 |
| 20 | 00800 | 0,0000,1000,0000,0000 |
| 21 | 1BDFF | 1,1011,1101,1111,1111 |
| 22 | 00800 | 0,0000,1000,0000,0000 |
| 23 | 1BDFF | 1,1011,1101,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7GNNHILAT01

OAPEL: G7GNNHILAT01 ALIAS: G7GNNHILAT01
EXT: B PSID: FV
SCLK1: 03899122:16:0 SCLK2: 03899135:70:0
SCET1: 97-095/04:42:33.007 SCET2: 97-095/04:56:17.672
TARGET: GANYMEDE PARTITION: 1

MODE: 3 GAIN: 3
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 0 RECORD: 1

MB_DOWN: 00000 MB_UP: 00000
COMP_FLAG: 1
EST_COMP: 2.0 EST_COMPV: 0.3
RATE_CON1: 00000 RATE_CON2: 65525
NWAVETOT: 192 TLMFMT: LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0326192001 03 26 192 001
WTGRP_SIZ: 26

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00800 | 0,0000,1000,0000,0000 |
| 1 | 1BDFF | 1,1011,1101,1111,1111 |
| 2 | 00800 | 0,0000,1000,0000,0000 |
| 3 | 1BDFF | 1,1011,1101,1111,1111 |
| 4 | 00800 | 0,0000,1000,0000,0000 |
| 5 | 1BDFF | 1,1011,1101,1111,1111 |
| 6 | 00800 | 0,0000,1000,0000,0000 |
| 7 | 1BDFF | 1,1011,1101,1111,1111 |
| 8 | 00800 | 0,0000,1000,0000,0000 |
| 9 | 1BDFF | 1,1011,1101,1111,1111 |
| 10 | 00800 | 0,0000,1000,0000,0000 |
| 11 | 1BDFF | 1,1011,1101,1111,1111 |
| 12 | 00800 | 0,0000,1000,0000,0000 |
| 13 | 1BDFF | 1,1011,1101,1111,1111 |
| 14 | 00800 | 0,0000,1000,0000,0000 |
| 15 | 1BDFF | 1,1011,1101,1111,1111 |
| 16 | 00800 | 0,0000,1000,0000,0000 |
| 17 | 1BDFF | 1,1011,1101,1111,1111 |
| 18 | 00800 | 0,0000,1000,0000,0000 |
| 19 | 1BDFF | 1,1011,1101,1111,1111 |
| 20 | 00800 | 0,0000,1000,0000,0000 |
| 21 | 1BDFF | 1,1011,1101,1111,1111 |
| 22 | 00800 | 0,0000,1000,0000,0000 |
| 23 | 1BDFF | 1,1011,1101,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7INTHRMAL06

```
OAPEL:  G7INTHRMAL06              ALIAS:  G7INTHRMAL06
EXT:    A                         PSID:   EW
SCLK1:  03899149:00:0             SCLK2:  03899152:01:0
SCET1:    97-095/05:09:40.339     SCET2:    97-095/05:12:43.006
TARGET: IO                        PARTITION: 1

MODE:      3                      GAIN:      4
CHOP:      1                      GRAT_OFF:  4
PTAB_A:    1 1 0 0 124            PTAB_B:    1 1 0 0 124
ECAL:      0                      OPCAL:     0
R/T:       0                      RECORD:    1

MB_DOWN:   00000                  MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                    EST_COMPV: 0.3
RATE_CON1: 00000                  RATE_CON2: 65525
NWAVETOT:  192                    TLMFMT:    LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0326192001          03  26  192  001
WTGRP_SIZ: 26
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00100 | 0,0000,0001,0000,0000 |
| 1 | 1BDFF | 1,1011,1101,1111,1111 |
| 2 | 00100 | 0,0000,0001,0000,0000 |
| 3 | 1BDFF | 1,1011,1101,1111,1111 |
| 4 | 00100 | 0,0000,0001,0000,0000 |
| 5 | 1BDFF | 1,1011,1101,1111,1111 |
| 6 | 00100 | 0,0000,0001,0000,0000 |
| 7 | 1BDFF | 1,1011,1101,1111,1111 |
| 8 | 00100 | 0,0000,0001,0000,0000 |
| 9 | 1BDFF | 1,1011,1101,1111,1111 |
| 10 | 00100 | 0,0000,0001,0000,0000 |
| 11 | 1BDFF | 1,1011,1101,1111,1111 |
| 12 | 00100 | 0,0000,0001,0000,0000 |
| 13 | 1BDFF | 1,1011,1101,1111,1111 |
| 14 | 00100 | 0,0000,0001,0000,0000 |
| 15 | 1BDFF | 1,1011,1101,1111,1111 |
| 16 | 00100 | 0,0000,0001,0000,0000 |
| 17 | 1BDFF | 1,1011,1101,1111,1111 |
| 18 | 00100 | 0,0000,0001,0000,0000 |
| 19 | 1BDFF | 1,1011,1101,1111,1111 |
| 20 | 00100 | 0,0000,0001,0000,0000 |
| 21 | 1BDFF | 1,1011,1101,1111,1111 |
| 22 | 00100 | 0,0000,0001,0000,0000 |
| 23 | 1BDFF | 1,1011,1101,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7GNBRITRL01

OAPEL: G7GNBRITRL01 ALIAS: G7GNBRITRL01
EXT: A PSID: EX
SCLK1: 03899219:00:0 SCLK2: 03899223:63:0
SCET1: 97-095/06:20:27.003 SCET2: 97-095/06:25:11.669
TARGET: GANYMEDE PARTITION: 1

MODE: 3 GAIN: 3
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 0 RECORD: 1

MB_DOWN: 00000 MB_UP: 00000
COMP_FLAG: 1
EST_COMP: 2.0 EST_COMPV: 0.3
RATE_CON1: 00000 RATE_CON2: 65525
NWAVETOT: 360 TLMFMT: MPW

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0326360001 03 26 360 001
WTGRP_SIZ: 26

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 1BDFF | 1,1011,1101,1111,1111 |
| 1 | 1BDFF | 1,1011,1101,1111,1111 |
| 2 | 1BDFF | 1,1011,1101,1111,1111 |
| 3 | 1BDFF | 1,1011,1101,1111,1111 |
| 4 | 1BDFF | 1,1011,1101,1111,1111 |
| 5 | 1BDFF | 1,1011,1101,1111,1111 |
| 6 | 1BDFF | 1,1011,1101,1111,1111 |
| 7 | 1BDFF | 1,1011,1101,1111,1111 |
| 8 | 1BDFF | 1,1011,1101,1111,1111 |
| 9 | 1BDFF | 1,1011,1101,1111,1111 |
| 10 | 1BDFF | 1,1011,1101,1111,1111 |
| 11 | 1BDFF | 1,1011,1101,1111,1111 |
| 12 | 1BDFF | 1,1011,1101,1111,1111 |
| 13 | 1BDFF | 1,1011,1101,1111,1111 |
| 14 | 1BDFF | 1,1011,1101,1111,1111 |
| 15 | 1BDFF | 1,1011,1101,1111,1111 |
| 16 | 1BDFF | 1,1011,1101,1111,1111 |
| 17 | 1BDFF | 1,1011,1101,1111,1111 |
| 18 | 1BDFF | 1,1011,1101,1111,1111 |
| 19 | 1BDFF | 1,1011,1101,1111,1111 |
| 20 | 1BDFF | 1,1011,1101,1111,1111 |
| 21 | 1BDFF | 1,1011,1101,1111,1111 |
| 22 | 1BDFF | 1,1011,1101,1111,1111 |
| 23 | 1BDFF | 1,1011,1101,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7GNKITTU_01

OAPEL: G7GNKITTU_01 ALIAS: G7GNKITTU_01
EXT: A PSID: EY
SCLK1: 03899241:01:0 SCLK2: 03899252:51:0
SCET1: 97-095/06:42:42.335 SCET2: 97-095/06:54:23.002
TARGET: GANYMEDE PARTITION: 1

MODE: 3 GAIN: 3
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 0 RECORD: 1

MB_DOWN: 00000 MB_UP: 00000
COMP_FLAG: 1
EST_COMP: 2.0 EST_COMPV: 0.3
RATE_CON1: 00000 RATE_CON2: 65525
NWAVETOT: 360 TLMFMT: MPW

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0326360001 03 26 360 001
WTGRP_SIZ: 26

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 1BDFF | 1,1011,1101,1111,1111 |
| 1 | 1BDFF | 1,1011,1101,1111,1111 |
| 2 | 1BDFF | 1,1011,1101,1111,1111 |
| 3 | 1BDFF | 1,1011,1101,1111,1111 |
| 4 | 1BDFF | 1,1011,1101,1111,1111 |
| 5 | 1BDFF | 1,1011,1101,1111,1111 |
| 6 | 1BDFF | 1,1011,1101,1111,1111 |
| 7 | 1BDFF | 1,1011,1101,1111,1111 |
| 8 | 1BDFF | 1,1011,1101,1111,1111 |
| 9 | 1BDFF | 1,1011,1101,1111,1111 |
| 10 | 1BDFF | 1,1011,1101,1111,1111 |
| 11 | 1BDFF | 1,1011,1101,1111,1111 |
| 12 | 1BDFF | 1,1011,1101,1111,1111 |
| 13 | 1BDFF | 1,1011,1101,1111,1111 |
| 14 | 1BDFF | 1,1011,1101,1111,1111 |
| 15 | 1BDFF | 1,1011,1101,1111,1111 |
| 16 | 1BDFF | 1,1011,1101,1111,1111 |
| 17 | 1BDFF | 1,1011,1101,1111,1111 |
| 18 | 1BDFF | 1,1011,1101,1111,1111 |
| 19 | 1BDFF | 1,1011,1101,1111,1111 |
| 20 | 1BDFF | 1,1011,1101,1111,1111 |
| 21 | 1BDFF | 1,1011,1101,1111,1111 |
| 22 | 1BDFF | 1,1011,1101,1111,1111 |
| 23 | 1BDFF | 1,1011,1101,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7GNGLOBAL02

```
OAPEL:  G7GNGLOBAL02            ALIAS:  G7GNGLOBAL02
EXT:    A                       PSID:   FC
SCLK1:  03899697:90:0           SCLK2:  03899705:06:0
SCET1:    97-095/14:24:46.318   SCET2:    97-095/14:31:55.651
TARGET: GANYMEDE                PARTITION: 1

MODE:      3                    GAIN:      3
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 0 124          PTAB_B:    1 1 0 0 124
ECAL:      0                    OPCAL:     0
R/T:       0                    RECORD:    1

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                  EST_COMPV: 0.3
RATE_CON1: 00000                RATE_CON2: 65525
NWAVETOT:  360                  TLMFMT:    MPW

THRESHOLD_SEL: 2
THRESHOLD_VALUES:  030, 030, 030, 000, 030, 029, 028, 028, 029
                   028, 032, 034, 031, 031, 032, 030, 029

WETGID:    0326360001          03  26  360  001
WTGRP_SIZ: 26
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 1BDFF | 1,1011,1101,1111,1111 |
| 1 | 1BDFF | 1,1011,1101,1111,1111 |
| 2 | 1BDFF | 1,1011,1101,1111,1111 |
| 3 | 1BDFF | 1,1011,1101,1111,1111 |
| 4 | 1BDFF | 1,1011,1101,1111,1111 |
| 5 | 1BDFF | 1,1011,1101,1111,1111 |
| 6 | 1BDFF | 1,1011,1101,1111,1111 |
| 7 | 1BDFF | 1,1011,1101,1111,1111 |
| 8 | 1BDFF | 1,1011,1101,1111,1111 |
| 9 | 1BDFF | 1,1011,1101,1111,1111 |
| 10 | 1BDFF | 1,1011,1101,1111,1111 |
| 11 | 1BDFF | 1,1011,1101,1111,1111 |
| 12 | 1BDFF | 1,1011,1101,1111,1111 |
| 13 | 1BDFF | 1,1011,1101,1111,1111 |
| 14 | 1BDFF | 1,1011,1101,1111,1111 |
| 15 | 1BDFF | 1,1011,1101,1111,1111 |
| 16 | 1BDFF | 1,1011,1101,1111,1111 |
| 17 | 1BDFF | 1,1011,1101,1111,1111 |
| 18 | 1BDFF | 1,1011,1101,1111,1111 |
| 19 | 1BDFF | 1,1011,1101,1111,1111 |
| 20 | 1BDFF | 1,1011,1101,1111,1111 |
| 21 | 1BDFF | 1,1011,1101,1111,1111 |
| 22 | 1BDFF | 1,1011,1101,1111,1111 |
| 23 | 1BDFF | 1,1011,1101,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7JNFEA13001

```
OAPEL:  G7JNFEA13001            ALIAS:  G7JNFEA13001
EXT:    A                       PSID:   EZ
SCLK1:  03899831:90:0           SCLK2:  03899833:57:0
SCET1:    97-095/16:40:15.646   SCET2:    97-095/16:41:54.980
TARGET: JUPITER                 PARTITION: 1

MODE:      5                    GAIN:      2
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 1 4 6          PTAB_B:    1 1 0 1 4 6
ECAL:      0                    OPCAL:     0
R/T:       0                    RECORD:    1

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                  EST_COMPV: 0.3
RATE_CON1: 00000                RATE_CON2: 65525
NWAVETOT:    4                  TLMFMT:    LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0507004001          05  07  004  001
WTGRP_SIZ:  7
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00000 | 0,0000,0000,0000,0000 |
| 1 | 01900 | 0,0001,1001,0000,0000 |
| 2 | 10000 | 1,0000,0000,0000,0000 |
| 3 | 00000 | 0,0000,0000,0000,0000 |
| 4 | 00000 | 0,0000,0000,0000,0000 |
| 5 | 00000 | 0,0000,0000,0000,0000 |
| 6 | 00000 | 0,0000,0000,0000,0000 |

# G7JNFEA13002

OAPEL: G7JNFEA13002 ALIAS: G7JNFEA13002
EXT: A PSID: FA
SCLK1: 03899856:90:0 SCLK2: 03899858:61:0
SCET1: 97-095/17:05:32.312 SCET2: 97-095/17:07:13.666
TARGET: JUPITER PARTITION: 1

MODE: 5 GAIN: 2
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 1 4 6 PTAB_B: 1 1 0 1 4 6
ECAL: 0 OPCAL: 0
R/T: 0 RECORD: 1

MB_DOWN: 00000 MB_UP: 00000
COMP_FLAG: 1
EST_COMP: 2.0 EST_COMPV: 0.3
RATE_CON1: 00000 RATE_CON2: 65525
NWAVETOT: 15 TLMFMT: LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0507015001 05 07 015 001
WTGRP_SIZ: 7

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00400 | 0,0000,0100,0000,0000 |
| 1 | 11500 | 1,0001,0101,0000,0000 |
| 2 | 1A000 | 1,1010,0000,0000,0000 |
| 3 | 00800 | 0,0000,1000,0000,0000 |
| 4 | 09810 | 0,1001,1000,0001,0000 |
| 5 | 00C00 | 0,0000,1100,0000,0000 |
| 6 | 00000 | 0,0000,0000,0000,0000 |

# G7JNPFB13001

```
OAPEL:  G7JNPFB13001            ALIAS:  G7JNPFB13001
EXT:    A                       PSID:   FB
SCLK1:  03899881:86:1           SCLK2:  03899883:58:0
SCET1:    97-095/17:30:45.666   SCET2:    97-095/17:32:28.311
TARGET: JUPITER                 PARTITION: 1

MODE:      5                    GAIN:      2
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 1 4 6          PTAB_B:    1 1 0 1 4 6
ECAL:      0                    OPCAL:     0
R/T:       0                    RECORD:    1

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                  EST_COMPV: 0.3
RATE_CON1: 00000                RATE_CON2: 65525
NWAVETOT:   15                  TLMFMT:    LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0507015001          05  07  015  001
WTGRP_SIZ:  7
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00400 | 0,0000,0100,0000,0000 |
| 1 | 11500 | 1,0001,0101,0000,0000 |
| 2 | 1A000 | 1,1010,0000,0000,0000 |
| 3 | 00800 | 0,0000,1000,0000,0000 |
| 4 | 09810 | 0,1001,1000,0001,0000 |
| 5 | 00C00 | 0,0000,1100,0000,0000 |
| 6 | 00000 | 0,0000,0000,0000,0000 |

# G7JNTHRMNS01

OAPEL: G7JNTHRMNS01 ALIAS: G7JNTHRMNS01
EXT: A PSID: FD
SCLK1: 03899963:00:0 SCLK2: 03899973:90:0
SCET1: 97-095/18:52:42.975 SCET2: 97-095/19:03:49.642
TARGET: JUPITER PARTITION: 1

MODE: 3 GAIN: 4
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 0 RECORD: 1

MB_DOWN: 00000 MB_UP: 00000
COMP_FLAG: 1
EST_COMP: 2.0 EST_COMPV: 0.3
RATE_CON1: 00000 RATE_CON2: 65525
NWAVETOT: 80 TLMFMT: LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0326080001 03 26 080 001
WTGRP_SIZ: 26

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00007 | 0,0000,0000,0000,0111 |
| 1 | 00007 | 0,0000,0000,0000,0111 |
| 2 | 00007 | 0,0000,0000,0000,0111 |
| 3 | 00007 | 0,0000,0000,0000,0111 |
| 4 | 00007 | 0,0000,0000,0000,0111 |
| 5 | 00007 | 0,0000,0000,0000,0111 |
| 6 | 00007 | 0,0000,0000,0000,0111 |
| 7 | 00007 | 0,0000,0000,0000,0111 |
| 8 | 00007 | 0,0000,0000,0000,0111 |
| 9 | 00007 | 0,0000,0000,0000,0111 |
| 10 | 00007 | 0,0000,0000,0000,0111 |
| 11 | 00007 | 0,0000,0000,0000,0111 |
| 12 | 00007 | 0,0000,0000,0000,0111 |
| 13 | 00007 | 0,0000,0000,0000,0111 |
| 14 | 00007 | 0,0000,0000,0000,0111 |
| 15 | 00007 | 0,0000,0000,0000,0111 |
| 16 | 0000F | 0,0000,0000,0000,1111 |
| 17 | 0000F | 0,0000,0000,0000,1111 |
| 18 | 0000F | 0,0000,0000,0000,1111 |
| 19 | 0000F | 0,0000,0000,0000,1111 |
| 20 | 0000F | 0,0000,0000,0000,1111 |
| 21 | 0000F | 0,0000,0000,0000,1111 |
| 22 | 0000F | 0,0000,0000,0000,1111 |
| 23 | 0000F | 0,0000,0000,0000,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7JNTHRMNS01

```
OAPEL:  G7JNTHRMNS01            ALIAS:  G7JNTHRMNS01
EXT:    B                       PSID:   FD
SCLK1:  03899974:00:0           SCLK2:  03899986:84:0
SCET1:    97-095/19:03:50.308   SCET2:    97-095/19:16:54.307
TARGET: JUPITER                 PARTITION: 1

MODE:      3                    GAIN:      4
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 0 124          PTAB_B:    1 1 0 0 124
ECAL:      0                    OPCAL:     0
R/T:       0                    RECORD:    1

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                  EST_COMPV: 0.3
RATE_CON1: 00000                RATE_CON2: 65525
NWAVETOT:  253                  TLMFMT:    LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0326253001          03  26  253  001
WTGRP_SIZ: 26
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 003FF | 0,0000,0011,1111,1111 |
| 1 | 007FF | 0,0000,0111,1111,1111 |
| 2 | 007FF | 0,0000,0111,1111,1111 |
| 3 | 007FF | 0,0000,0111,1111,1111 |
| 4 | 007FF | 0,0000,0111,1111,1111 |
| 5 | 007FF | 0,0000,0111,1111,1111 |
| 6 | 007FF | 0,0000,0111,1111,1111 |
| 7 | 007FF | 0,0000,0111,1111,1111 |
| 8 | 007FF | 0,0000,0111,1111,1111 |
| 9 | 007FF | 0,0000,0111,1111,1111 |
| 10 | 007FF | 0,0000,0111,1111,1111 |
| 11 | 007FF | 0,0000,0111,1111,1111 |
| 12 | 007FF | 0,0000,0111,1111,1111 |
| 13 | 007FF | 0,0000,0111,1111,1111 |
| 14 | 003FF | 0,0000,0011,1111,1111 |
| 15 | 003FF | 0,0000,0011,1111,1111 |
| 16 | 003FF | 0,0000,0011,1111,1111 |
| 17 | 003FF | 0,0000,0011,1111,1111 |
| 18 | 003FF | 0,0000,0011,1111,1111 |
| 19 | 003FF | 0,0000,0011,1111,1111 |
| 20 | 003FF | 0,0000,0011,1111,1111 |
| 21 | 003FF | 0,0000,0011,1111,1111 |
| 22 | 003FF | 0,0000,0011,1111,1111 |
| 23 | 003FF | 0,0000,0011,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7HNDARK__04

OAPEL: G7HNDARK__04 ALIAS: G7HNDARK__04
EXT: A PSID: FE
SCLK1: 03900296:87:0 SCLK2: 03900298:02:0
SCET1: 97-096/00:30:22.963 SCET2: 97-096/00:31:27.630
TARGET: SKY PARTITION: 1

MODE: 3 GAIN: 3
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 0 RECORD: 1

MB_DOWN: 00000 MB_UP: 00000
COMP_FLAG: 1
EST_COMP: 2.0 EST_COMPV: 0.3
RATE_CON1: 00000 RATE_CON2: 65525
NWAVETOT: 32 TLMFMT: LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0326032001 03 26 032 001
WTGRP_SIZ: 26

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 1FDFF | 1,1111,1101,1111,1111 |
| 1 | 1FDFF | 1,1111,1101,1111,1111 |
| 2 | 00000 | 0,0000,0000,0000,0000 |
| 3 | 00000 | 0,0000,0000,0000,0000 |
| 4 | 00000 | 0,0000,0000,0000,0000 |
| 5 | 00000 | 0,0000,0000,0000,0000 |
| 6 | 00000 | 0,0000,0000,0000,0000 |
| 7 | 00000 | 0,0000,0000,0000,0000 |
| 8 | 00000 | 0,0000,0000,0000,0000 |
| 9 | 00000 | 0,0000,0000,0000,0000 |
| 10 | 00000 | 0,0000,0000,0000,0000 |
| 11 | 00000 | 0,0000,0000,0000,0000 |
| 12 | 00000 | 0,0000,0000,0000,0000 |
| 13 | 00000 | 0,0000,0000,0000,0000 |
| 14 | 00000 | 0,0000,0000,0000,0000 |
| 15 | 00000 | 0,0000,0000,0000,0000 |
| 16 | 00000 | 0,0000,0000,0000,0000 |
| 17 | 00000 | 0,0000,0000,0000,0000 |
| 18 | 00000 | 0,0000,0000,0000,0000 |
| 19 | 00000 | 0,0000,0000,0000,0000 |
| 20 | 00000 | 0,0000,0000,0000,0000 |
| 21 | 00000 | 0,0000,0000,0000,0000 |
| 22 | 00000 | 0,0000,0000,0000,0000 |
| 23 | 00000 | 0,0000,0000,0000,0000 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7JNFEA14201

```
OAPEL:  G7JNFEA14201            ALIAS:  G7JNFEA14201
EXT:    A                       PSID:   FF
SCLK1:  03900449:00:0           SCLK2:  03900450:76:0
SCET1:    97-096/03:04:06.957   SCET2:    97-096/03:05:58.266
TARGET: JUPITER                 PARTITION: 1

MODE:      5                    GAIN:      2
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 1 4 6          PTAB_B:    1 1 0 1 4 6
ECAL:      0                    OPCAL:     0
R/T:       0                    RECORD:    1

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                  EST_COMPV: 0.3
RATE_CON1: 00000                RATE_CON2: 65525
NWAVETOT:    4                  TLMFMT:    LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0507004001          05  07  004  001
WTGRP_SIZ:  7
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00000 | 0,0000,0000,0000,0000 |
| 1 | 01900 | 0,0001,1001,0000,0000 |
| 2 | 10000 | 1,0000,0000,0000,0000 |
| 3 | 00000 | 0,0000,0000,0000,0000 |
| 4 | 00000 | 0,0000,0000,0000,0000 |
| 5 | 00000 | 0,0000,0000,0000,0000 |
| 6 | 00000 | 0,0000,0000,0000,0000 |

# G7JNPFC14201

OAPEL: G7JNPFC14201 ALIAS: G7JNPFC14201
EXT: A PSID: FG
SCLK1: 03900460:86:0 SCLK2: 03900462:76:0
SCET1: 97-096/03:16:11.600 SCET2: 97-096/03:18:06.266
TARGET: JUPITER PARTITION: 1

MODE: 5 GAIN: 2
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 1 4 6 PTAB_B: 1 1 0 1 4 6
ECAL: 0 OPCAL: 0
R/T: 0 RECORD: 1

MB_DOWN: 00000 MB_UP: 00000
COMP_FLAG: 1
EST_COMP: 2.0 EST_COMPV: 0.3
RATE_CON1: 00000 RATE_CON2: 65525
NWAVETOT: 4 TLMFMT: LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0507004001 05 07 004 001
WTGRP_SIZ: 7

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00000 | 0,0000,0000,0000,0000 |
| 1 | 01900 | 0,0001,1001,0000,0000 |
| 2 | 10000 | 1,0000,0000,0000,0000 |
| 3 | 00000 | 0,0000,0000,0000,0000 |
| 4 | 00000 | 0,0000,0000,0000,0000 |
| 5 | 00000 | 0,0000,0000,0000,0000 |
| 6 | 00000 | 0,0000,0000,0000,0000 |

# G7JNPFB14201

OAPEL: G7JNPFB14201 ALIAS: G7JNPFB14201
EXT: A PSID: FH
SCLK1: 03900477:86:0 SCLK2: 03900479:76:0
SCET1: 97-096/03:33:22.933 SCET2: 97-096/03:35:17.600
TARGET: JUPITER PARTITION: 1

MODE: 5 GAIN: 2
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 1 4 6 PTAB_B: 1 1 0 1 4 6
ECAL: 0 OPCAL: 0
R/T: 0 RECORD: 1

MB_DOWN: 00000 MB_UP: 00000
COMP_FLAG: 1
EST_COMP: 2.0 EST_COMPV: 0.3
RATE_CON1: 00000 RATE_CON2: 65525
NWAVETOT: 4 TLMFMT: LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0507004001 05 07 004 001
WTGRP_SIZ: 7

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00000 | 0,0000,0000,0000,0000 |
| 1 | 01900 | 0,0001,1001,0000,0000 |
| 2 | 10000 | 1,0000,0000,0000,0000 |
| 3 | 00000 | 0,0000,0000,0000,0000 |
| 4 | 00000 | 0,0000,0000,0000,0000 |
| 5 | 00000 | 0,0000,0000,0000,0000 |
| 6 | 00000 | 0,0000,0000,0000,0000 |

# G7NNHEALTH07

OAPEL: G7NNHEALTH07 ALIAS: G7NNHEALTH07
EXT: R PSID: KI
SCLK1: 03900978:00:0 SCLK2: 03900978:12:0
SCET1: 1997-096/11:58:59.600 SCET2: 1997-096/11:59:07.600
TARGET: CAL PARTITION: 1

MODE: 3 GAIN: 2
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 1 RECORD: 0

MB_DOWN: 00000 MB_UP: 00000
COMP_FLAG: 0
EST_COMP: 0.0 EST_COMPV: 0.0
RATE_CON1: 00000 RATE_CON2: 00000
NWAVETOT: 003 TLMFMT: RT

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0302003000 03 02 003 000
WTGRP_SIZ: 2

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 08044 | 0,1000,0000,0100,0100 |
| 1 | 00000 | 0,0000,0000,0000,0000 |
| 2 | 00000 | 0,0000,0000,0000,0000 |
| 3 | 00000 | 0,0000,0000,0000,0000 |
| 4 | 00000 | 0,0000,0000,0000,0000 |
| 5 | 00000 | 0,0000,0000,0000,0000 |
| 6 | 00000 | 0,0000,0000,0000,0000 |
| 7 | 00000 | 0,0000,0000,0000,0000 |
| 8 | 00000 | 0,0000,0000,0000,0000 |
| 9 | 00000 | 0,0000,0000,0000,0000 |
| 10 | 00000 | 0,0000,0000,0000,0000 |
| 11 | 00000 | 0,0000,0000,0000,0000 |
| 12 | 00000 | 0,0000,0000,0000,0000 |
| 13 | 00000 | 0,0000,0000,0000,0000 |
| 14 | 00000 | 0,0000,0000,0000,0000 |
| 15 | 00000 | 0,0000,0000,0000,0000 |
| 16 | 00000 | 0,0000,0000,0000,0000 |
| 17 | 00000 | 0,0000,0000,0000,0000 |
| 18 | 00000 | 0,0000,0000,0000,0000 |
| 19 | 00000 | 0,0000,0000,0000,0000 |
| 20 | 00000 | 0,0000,0000,0000,0000 |
| 21 | 00000 | 0,0000,0000,0000,0000 |
| 22 | 00000 | 0,0000,0000,0000,0000 |
| 23 | 00000 | 0,0000,0000,0000,0000 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7JNPFB15001

```
OAPEL:  G7JNPFB15001            ALIAS:  G7JNPFB15001
EXT:    A                       PSID:   FI
SCLK1:  03901047:86:0           SCLK2:  03901049:76:0
SCET1:    97-096/13:09:42.933   SCET2:    97-096/13:11:37.600
TARGET: JUPITER                 PARTITION: 1

MODE:      5                    GAIN:      2
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 1 4 6          PTAB_B:    1 1 0 1 4 6
ECAL:      0                    OPCAL:     0
R/T:       0                    RECORD:    1

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                  EST_COMPV: 0.3
RATE_CON1: 00000                RATE_CON2: 65525
NWAVETOT:    4                  TLMFMT:    LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0507004001          05  07  004  001
WTGRP_SIZ:  7
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00000 | 0,0000,0000,0000,0000 |
| 1 | 01900 | 0,0001,1001,0000,0000 |
| 2 | 10000 | 1,0000,0000,0000,0000 |
| 3 | 00000 | 0,0000,0000,0000,0000 |
| 4 | 00000 | 0,0000,0000,0000,0000 |
| 5 | 00000 | 0,0000,0000,0000,0000 |
| 6 | 00000 | 0,0000,0000,0000,0000 |

# G7JNPFC15001

OAPEL: G7JNPFC15001 ALIAS: G7JNPFC15001
EXT: A PSID: FJ
SCLK1: 03901054:86:0 SCLK2: 03901056:76:0
SCET1: 97-096/13:16:47.600 SCET2: 97-096/13:18:42.266
TARGET: JUPITER PARTITION: 1

MODE: 5 GAIN: 2
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 1 4 6 PTAB_B: 1 1 0 1 4 6
ECAL: 0 OPCAL: 0
R/T: 0 RECORD: 1

MB_DOWN: 00000 MB_UP: 00000
COMP_FLAG: 1
EST_COMP: 2.0 EST_COMPV: 0.3
RATE_CON1: 00000 RATE_CON2: 65525
NWAVETOT: 4 TLMFMT: LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0507004001 05 07 004 001
WTGRP_SIZ: 7

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00000 | 0,0000,0000,0000,0000 |
| 1 | 01900 | 0,0001,1001,0000,0000 |
| 2 | 10000 | 1,0000,0000,0000,0000 |
| 3 | 00000 | 0,0000,0000,0000,0000 |
| 4 | 00000 | 0,0000,0000,0000,0000 |
| 5 | 00000 | 0,0000,0000,0000,0000 |
| 6 | 00000 | 0,0000,0000,0000,0000 |

# G7JNFEA15003

```
OAPEL:  G7JNFEA15003            ALIAS:  G7JNFEA15003
EXT:    A                       PSID:   FK
SCLK1:  03901069:86:0           SCLK2:  03901071:55:0
SCET1:    97-096/13:31:57.600   SCET2:    97-096/13:33:38.268
TARGET: JUPITER                 PARTITION: 1

MODE:      5                    GAIN:      2
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 1 4 6          PTAB_B:    1 1 0 1 4 6
ECAL:      0                    OPCAL:     0
R/T:       0                    RECORD:    1

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                  EST_COMPV: 0.3
RATE_CON1: 00000                RATE_CON2: 65525
NWAVETOT:    4                  TLMFMT:    LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0507004001          05  07  004  001
WTGRP_SIZ:  7
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00000 | 0,0000,0000,0000,0000 |
| 1 | 01900 | 0,0001,1001,0000,0000 |
| 2 | 10000 | 1,0000,0000,0000,0000 |
| 3 | 00000 | 0,0000,0000,0000,0000 |
| 4 | 00000 | 0,0000,0000,0000,0000 |
| 5 | 00000 | 0,0000,0000,0000,0000 |
| 6 | 00000 | 0,0000,0000,0000,0000 |

# G7NNHEALTH08

OAPEL: G7NNHEALTH08 ALIAS: G7NNHEALTH08
EXT: R PSID: KJ
SCLK1: 03901175:00:0 SCLK2: 03901175:12:0
SCET1: 1997-096/15:18:10.933 SCET2: 1997-096/15:18:18.933
TARGET: CAL PARTITION: 1

MODE: 3 GAIN: 2
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 1 RECORD: 0

MB_DOWN: 00000 MB_UP: 00000
COMP_FLAG: 0
EST_COMP: 0.0 EST_COMPV: 0.0
RATE_CON1: 00000 RATE_CON2: 00000
NWAVETOT: 003 TLMFMT: RT

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0302003000 03 02 003 000
WTGRP_SIZ: 2

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 08044 | 0,1000,0000,0100,0100 |
| 1 | 00000 | 0,0000,0000,0000,0000 |
| 2 | 00000 | 0,0000,0000,0000,0000 |
| 3 | 00000 | 0,0000,0000,0000,0000 |
| 4 | 00000 | 0,0000,0000,0000,0000 |
| 5 | 00000 | 0,0000,0000,0000,0000 |
| 6 | 00000 | 0,0000,0000,0000,0000 |
| 7 | 00000 | 0,0000,0000,0000,0000 |
| 8 | 00000 | 0,0000,0000,0000,0000 |
| 9 | 00000 | 0,0000,0000,0000,0000 |
| 10 | 00000 | 0,0000,0000,0000,0000 |
| 11 | 00000 | 0,0000,0000,0000,0000 |
| 12 | 00000 | 0,0000,0000,0000,0000 |
| 13 | 00000 | 0,0000,0000,0000,0000 |
| 14 | 00000 | 0,0000,0000,0000,0000 |
| 15 | 00000 | 0,0000,0000,0000,0000 |
| 16 | 00000 | 0,0000,0000,0000,0000 |
| 17 | 00000 | 0,0000,0000,0000,0000 |
| 18 | 00000 | 0,0000,0000,0000,0000 |
| 19 | 00000 | 0,0000,0000,0000,0000 |
| 20 | 00000 | 0,0000,0000,0000,0000 |
| 21 | 00000 | 0,0000,0000,0000,0000 |
| 22 | 00000 | 0,0000,0000,0000,0000 |
| 23 | 00000 | 0,0000,0000,0000,0000 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7JNFEZ15702

```
OAPEL:  G7JNFEZ15702            ALIAS:  G7JNFEZ15702
EXT:    A                       PSID:   FM
SCLK1:  03901203:00:0           SCLK2:  03901204:58:0
SCET1:    97-096/15:46:29.596   SCET2:    97-096/15:48:09.596
TARGET: JUPITER                 PARTITION: 1

MODE:      5                    GAIN:      2
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 1 4 6          PTAB_B:    1 1 0 1 4 6
ECAL:      0                    OPCAL:     0
R/T:       0                    RECORD:    1

MB_DOWN:   00000                MB_UP:     00000
COMP_FLAG: 1
EST_COMP:  2.0                  EST_COMPV: 0.3
RATE_CON1: 00000                RATE_CON2: 65525
NWAVETOT:   19                  TLMFMT:    LPU

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0507019001          05  07  019  001
WTGRP_SIZ:  7
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 00000 | 0,0000,0000,0000,0000 |
| 1 | 11D80 | 1,0001,1101,1000,0000 |
| 2 | 1A800 | 1,1010,1000,0000,0000 |
| 3 | 00900 | 0,0000,1001,0000,0000 |
| 4 | 0B810 | 0,1011,1000,0001,0000 |
| 5 | 00C00 | 0,0000,1100,0000,0000 |
| 6 | 00000 | 0,0000,0000,0000,0000 |

# G7NNRCTRLT01

```
OAPEL:  G7NNRCTRLT01            ALIAS:  LSNNRCTRTA01
EXT:    R                       PSID:   XU
SCLK1:  03904887:00:0           SCLK2:  03904887:12:0
SCET1:  1997-099/05:51:25.466   SCET2:  1997-099/05:51:33.466
TARGET: CAL                     PARTITION: 1

MODE:      3                    GAIN:      1
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 0 124          PTAB_B:    1 1 0 0 124
ECAL:      0                    OPCAL:     0
R/T:       1                    RECORD:    0

MB_DOWN:   11011                MB_UP:     11011
COMP_FLAG: 0
EST_COMP:  0.0                  EST_COMPV: 0.0
RATE_CON1: 00000                RATE_CON2: 00000
NWAVETOT:  252                  TLMFMT:    RT

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0303252000          03  03  252  000
WTGRP_SIZ:  3
```

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 003FF | 0,0000,0011,1111,1111 |
| 1 | 003FF | 0,0000,0011,1111,1111 |
| 2 | 003FF | 0,0000,0011,1111,1111 |
| 3 | 003FF | 0,0000,0011,1111,1111 |
| 4 | 003FF | 0,0000,0011,1111,1111 |
| 5 | 003FF | 0,0000,0011,1111,1111 |
| 6 | 003FF | 0,0000,0011,1111,1111 |
| 7 | 003FF | 0,0000,0011,1111,1111 |
| 8 | 003FF | 0,0000,0011,1111,1111 |
| 9 | 003FF | 0,0000,0011,1111,1111 |
| 10 | 003FF | 0,0000,0011,1111,1111 |
| 11 | 003FF | 0,0000,0011,1111,1111 |
| 12 | 007FF | 0,0000,0111,1111,1111 |
| 13 | 007FF | 0,0000,0111,1111,1111 |
| 14 | 007FF | 0,0000,0111,1111,1111 |
| 15 | 007FF | 0,0000,0111,1111,1111 |
| 16 | 007FF | 0,0000,0111,1111,1111 |
| 17 | 007FF | 0,0000,0111,1111,1111 |
| 18 | 007FF | 0,0000,0111,1111,1111 |
| 19 | 007FF | 0,0000,0111,1111,1111 |
| 20 | 007FF | 0,0000,0111,1111,1111 |
| 21 | 007FF | 0,0000,0111,1111,1111 |
| 22 | 007FF | 0,0000,0111,1111,1111 |
| 23 | 007FF | 0,0000,0111,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7NNRCTRLT01

```
OAPEL:  G7NNRCTRLT01            ALIAS:  LSNNRCTRTA01
EXT:    S                       PSID:   XU
SCLK1:  03904893:00:0           SCLK2:  03904894:12:0
SCET1:  1997-099/05:57:29.466   SCET2:  1997-099/05:58:38.166
TARGET: CAL                     PARTITION: 1

MODE:      3                    GAIN:      1
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 0 124          PTAB_B:    1 1 0 0 124
ECAL:      0                    OPCAL:     0
R/T:       1                    RECORD:    0

MB_DOWN:   11011                MB_UP:     11011
COMP_FLAG: 0
EST_COMP:  0.0                  EST_COMPV: 0.0
RATE_CON1: 00000                RATE_CON2: 00000
NWAVETOT:  252                  TLMFMT:    RT

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0303252000          03  03  252  000
WTGRP_SIZ:  3
```

**EDIT TABLE**

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 003FF | 0,0000,0011,1111,1111 |
| 1 | 003FF | 0,0000,0011,1111,1111 |
| 2 | 003FF | 0,0000,0011,1111,1111 |
| 3 | 003FF | 0,0000,0011,1111,1111 |
| 4 | 003FF | 0,0000,0011,1111,1111 |
| 5 | 003FF | 0,0000,0011,1111,1111 |
| 6 | 003FF | 0,0000,0011,1111,1111 |
| 7 | 003FF | 0,0000,0011,1111,1111 |
| 8 | 003FF | 0,0000,0011,1111,1111 |
| 9 | 003FF | 0,0000,0011,1111,1111 |
| 10 | 003FF | 0,0000,0011,1111,1111 |
| 11 | 003FF | 0,0000,0011,1111,1111 |
| 12 | 007FF | 0,0000,0111,1111,1111 |
| 13 | 007FF | 0,0000,0111,1111,1111 |
| 14 | 007FF | 0,0000,0111,1111,1111 |
| 15 | 007FF | 0,0000,0111,1111,1111 |
| 16 | 007FF | 0,0000,0111,1111,1111 |
| 17 | 007FF | 0,0000,0111,1111,1111 |
| 18 | 007FF | 0,0000,0111,1111,1111 |
| 19 | 007FF | 0,0000,0111,1111,1111 |
| 20 | 007FF | 0,0000,0111,1111,1111 |
| 21 | 007FF | 0,0000,0111,1111,1111 |
| 22 | 007FF | 0,0000,0111,1111,1111 |
| 23 | 007FF | 0,0000,0111,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7NNRCTRLT01

```
OAPEL:  G7NNRCTRLT01            ALIAS:  LSNNRCTRTA01
EXT:    T                       PSID:   XU
SCLK1:  03904899:00:0           SCLK2:  03904899:12:0
SCET1:  1997-099/06:03:33.466   SCET2:  1997-099/06:03:41.466
TARGET: CAL                     PARTITION: 1

MODE:      3                    GAIN:      1
CHOP:      1                    GRAT_OFF:  4
PTAB_A:    1 1 0 0 124          PTAB_B:    1 1 0 0 124
ECAL:      0                    OPCAL:     0
R/T:       1                    RECORD:    0

MB_DOWN:   11011                MB_UP:     11011
COMP_FLAG: 0
EST_COMP:  0.0                  EST_COMPV: 0.0
RATE_CON1: 00000                RATE_CON2: 00000
NWAVETOT:  252                  TLMFMT:    RT

THRESHOLD_SEL: 0
THRESHOLD_VALUES:  000, 000, 000, 000, 000, 000, 000, 000, 000
                   000, 000, 000, 000, 000, 000, 000, 000

WETGID:    0303252000          03  03  252  000
WTGRP_SIZ:  3
```

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 003FF | 0,0000,0011,1111,1111 |
| 1 | 003FF | 0,0000,0011,1111,1111 |
| 2 | 003FF | 0,0000,0011,1111,1111 |
| 3 | 003FF | 0,0000,0011,1111,1111 |
| 4 | 003FF | 0,0000,0011,1111,1111 |
| 5 | 003FF | 0,0000,0011,1111,1111 |
| 6 | 003FF | 0,0000,0011,1111,1111 |
| 7 | 003FF | 0,0000,0011,1111,1111 |
| 8 | 003FF | 0,0000,0011,1111,1111 |
| 9 | 003FF | 0,0000,0011,1111,1111 |
| 10 | 003FF | 0,0000,0011,1111,1111 |
| 11 | 003FF | 0,0000,0011,1111,1111 |
| 12 | 007FF | 0,0000,0111,1111,1111 |
| 13 | 007FF | 0,0000,0111,1111,1111 |
| 14 | 007FF | 0,0000,0111,1111,1111 |
| 15 | 007FF | 0,0000,0111,1111,1111 |
| 16 | 007FF | 0,0000,0111,1111,1111 |
| 17 | 007FF | 0,0000,0111,1111,1111 |
| 18 | 007FF | 0,0000,0111,1111,1111 |
| 19 | 007FF | 0,0000,0111,1111,1111 |
| 20 | 007FF | 0,0000,0111,1111,1111 |
| 21 | 007FF | 0,0000,0111,1111,1111 |
| 22 | 007FF | 0,0000,0111,1111,1111 |
| 23 | 007FF | 0,0000,0111,1111,1111 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7NNPCTRLT01

OAPEL: G7NNPCTRLT01 ALIAS: G7NNPCTRLT01
EXT: R PSID: FA
SCLK1: 03911857:00:0 SCLK2: 03911858:12:0
SCET1: 1997-104/03:18:51.866 SCET2: 1997-104/03:20:00.533
TARGET: CAL PARTITION: 1

MODE: 3 GAIN: 4
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 1 RECORD: 0

MB_DOWN: 11011 MB_UP: 11011
COMP_FLAG: 0
EST_COMP: 0.0 EST_COMPV: 0.0
RATE_CON1: 00000 RATE_CON2: 00000
NWAVETOT: 252 TLMFMT: RT

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0303252000 03 03 252 000
WTGRP_SIZ: 3

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 1FFC0 | 1,1111,1111,1100,0000 |
| 1 | 1FFC0 | 1,1111,1111,1100,0000 |
| 2 | 1FFC0 | 1,1111,1111,1100,0000 |
| 3 | 1FFC0 | 1,1111,1111,1100,0000 |
| 4 | 1FFC0 | 1,1111,1111,1100,0000 |
| 5 | 1FFC0 | 1,1111,1111,1100,0000 |
| 6 | 1FFC0 | 1,1111,1111,1100,0000 |
| 7 | 1FFC0 | 1,1111,1111,1100,0000 |
| 8 | 1FFC0 | 1,1111,1111,1100,0000 |
| 9 | 1FFC0 | 1,1111,1111,1100,0000 |
| 10 | 1FFC0 | 1,1111,1111,1100,0000 |
| 11 | 1FFC0 | 1,1111,1111,1100,0000 |
| 12 | 1FF80 | 1,1111,1111,1000,0000 |
| 13 | 1FF80 | 1,1111,1111,1000,0000 |
| 14 | 1FF80 | 1,1111,1111,1000,0000 |
| 15 | 1FF80 | 1,1111,1111,1000,0000 |
| 16 | 1FF80 | 1,1111,1111,1000,0000 |
| 17 | 1FF80 | 1,1111,1111,1000,0000 |
| 18 | 1FF80 | 1,1111,1111,1000,0000 |
| 19 | 1FF80 | 1,1111,1111,1000,0000 |
| 20 | 1FF80 | 1,1111,1111,1000,0000 |
| 21 | 1FF80 | 1,1111,1111,1000,0000 |
| 22 | 1FF80 | 1,1111,1111,1000,0000 |
| 23 | 1FF80 | 1,1111,1111,1000,0000 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7NNPCTRLT01

OAPEL: G7NNPCTRLT01 ALIAS: G7NNPCTRLT01
EXT: S PSID: FA
SCLK1: 03911863:00:0 SCLK2: 03911872:12:0
SCET1: 1997-104/03:24:55.866 SCET2: 1997-104/03:34:09.866
TARGET: CAL PARTITION: 1

MODE: 3 GAIN: 4
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 1 RECORD: 0

MB_DOWN: 11011 MB_UP: 11011
COMP_FLAG: 0
EST_COMP: 0.0 EST_COMPV: 0.0
RATE_CON1: 00000 RATE_CON2: 00000
NWAVETOT: 252 TLMFMT: RT

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0303252000 03 03 252 000
WTGRP_SIZ: 3

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 1FFC0 | 1,1111,1111,1100,0000 |
| 1 | 1FFC0 | 1,1111,1111,1100,0000 |
| 2 | 1FFC0 | 1,1111,1111,1100,0000 |
| 3 | 1FFC0 | 1,1111,1111,1100,0000 |
| 4 | 1FFC0 | 1,1111,1111,1100,0000 |
| 5 | 1FFC0 | 1,1111,1111,1100,0000 |
| 6 | 1FFC0 | 1,1111,1111,1100,0000 |
| 7 | 1FFC0 | 1,1111,1111,1100,0000 |
| 8 | 1FFC0 | 1,1111,1111,1100,0000 |
| 9 | 1FFC0 | 1,1111,1111,1100,0000 |
| 10 | 1FFC0 | 1,1111,1111,1100,0000 |
| 11 | 1FFC0 | 1,1111,1111,1100,0000 |
| 12 | 1FF80 | 1,1111,1111,1000,0000 |
| 13 | 1FF80 | 1,1111,1111,1000,0000 |
| 14 | 1FF80 | 1,1111,1111,1000,0000 |
| 15 | 1FF80 | 1,1111,1111,1000,0000 |
| 16 | 1FF80 | 1,1111,1111,1000,0000 |
| 17 | 1FF80 | 1,1111,1111,1000,0000 |
| 18 | 1FF80 | 1,1111,1111,1000,0000 |
| 19 | 1FF80 | 1,1111,1111,1000,0000 |
| 20 | 1FF80 | 1,1111,1111,1000,0000 |
| 21 | 1FF80 | 1,1111,1111,1000,0000 |
| 22 | 1FF80 | 1,1111,1111,1000,0000 |
| 23 | 1FF80 | 1,1111,1111,1000,0000 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

# G7NNOPCAL_01

OAPEL: G7NNOPCAL_01 ALIAS: G7NNOPCAL_01
EXT: R PSID: DN
SCLK1: 03935940:00:0 SCLK2: 03935942:12:0
SCET1: 1997-121/01:09:26.266 SCET2: 1997-121/01:11:35.600
TARGET: CAL PARTITION: 1

MODE: 3 GAIN: 4
CHOP: 1 GRAT_OFF: 4
PTAB_A: 1 1 0 0 124 PTAB_B: 1 1 0 0 124
ECAL: 0 OPCAL: 0
R/T: 1 RECORD: 0

MB_DOWN: 11011 MB_UP: 11011
COMP_FLAG: 0
EST_COMP: 0.0 EST_COMPV: 0.0
RATE_CON1: 00000 RATE_CON2: 00000
NWAVETOT: 168 TLMFMT: RT

THRESHOLD_SEL: 0
THRESHOLD_VALUES: 000, 000, 000, 000, 000, 000, 000, 000, 000
000, 000, 000, 000, 000, 000, 000, 000

WETGID: 0302168000 03 02 168 000
WTGRP_SIZ: 2

EDIT TABLE

| GRATING STEP | HEX MASK | DETECTOR MASK |
|---|---|---|
| 0 | 1E700 | 1,1110,0111,0000,0000 |
| 1 | 1E700 | 1,1110,0111,0000,0000 |
| 2 | 1E700 | 1,1110,0111,0000,0000 |
| 3 | 1E700 | 1,1110,0111,0000,0000 |
| 4 | 1E700 | 1,1110,0111,0000,0000 |
| 5 | 1E700 | 1,1110,0111,0000,0000 |
| 6 | 1E700 | 1,1110,0111,0000,0000 |
| 7 | 1E700 | 1,1110,0111,0000,0000 |
| 8 | 1E700 | 1,1110,0111,0000,0000 |
| 9 | 1E700 | 1,1110,0111,0000,0000 |
| 10 | 1E700 | 1,1110,0111,0000,0000 |
| 11 | 1E700 | 1,1110,0111,0000,0000 |
| 12 | 1E700 | 1,1110,0111,0000,0000 |
| 13 | 1E700 | 1,1110,0111,0000,0000 |
| 14 | 1E700 | 1,1110,0111,0000,0000 |
| 15 | 1E700 | 1,1110,0111,0000,0000 |
| 16 | 1E700 | 1,1110,0111,0000,0000 |
| 17 | 1E700 | 1,1110,0111,0000,0000 |
| 18 | 1E700 | 1,1110,0111,0000,0000 |
| 19 | 1E700 | 1,1110,0111,0000,0000 |
| 20 | 1E700 | 1,1110,0111,0000,0000 |
| 21 | 1E700 | 1,1110,0111,0000,0000 |
| 22 | 1E700 | 1,1110,0111,0000,0000 |
| 23 | 1E700 | 1,1110,0111,0000,0000 |
| 24 | 00000 | 0,0000,0000,0000,0000 |
| 25 | 00000 | 0,0000,0000,0000,0000 |

## NIMS G7 OBSTAB

This is a time-ordered ASCII TABLE (listing) of GALILEO NIMS observation parameters for use by downlink data processing of the NIMS G7 data. Each Obstab entry is 512 bytes long but is presented here as 4 lines of 128 characters per entry. Included items come from NIMS commands in (1) the Standard Sequence Data File (SSDF) and (2) the Playback Table Update Process (PTUP), plus some items from (3) the NIMS/CDS software load.

Note that SCLK1, SCLK2, SCET1 and SCET2 of non-realtime observations reflect the amount of data actually played back, rather than the amount recorded on tape. Likewise, the wavelength edit table pointers of non-realtime observations point to the playback edit table masks, rather than the ones used during recording.

Some of these items are needed for MIPS realtime processing of NIMS data, others for NIMSMERGE generation of the EDR and still others by NIMS/ISIS and MIPS systematic processing of EDRs into cubes. Missing non-required items will not interfere with a processing step. For completeness, almost all uplinked parameters are included in the table. (Only those items which will almost certainly remain constant have been omitted; e.g. Rice decision tables.)

The source below is one of:
- SEF for the Standard Sequence Data File (SSDF), specifying parameters of one of the NIMS (37) commands
- PBK for the Playback Table Update Process (PTUP), specifying parameters of the NIMPBK SINGLE command
- S/W for the NIMS/CDS software load process
- NIMS for NIMS team systematic processing requests to MIPS



* indicates item absolutely required for UDR generation (decompression, wavelength edit processing)
\# indicates item useful for UDR generation (for checking)
unmarked items needed for cube generation or useful for general information
<tbd> indicates more details will be forthcoming

| | name | nchar | columns | .description | .source |
|---|---|---|---|---|---|
| | OAPEL | 12 | 1 - 12 | .Oapel Name from SEF (no aliases yet) | SEF: activity ID, 1st 12 chars should be unique |
| | ALIAS | 12 | 13 - 24 | .NIMS alias name for OAPEL | NIMS: |
| | EXT | 1 | 25 - 25 | .Extension, for split OAPELs, A,B,C... for playback, R,S,T... for realtime. Required for realtime. | NIMS: if breaking activity into several cubes |
| | PSID | 2 | 26 - 27 | .Parameter Set IDentification | SEF: <tbd> |
| * | SCLK1 | 13 | 28 - 40 | .Start time of played-back OBS in SCLK | PBK (except realtime data: SEF) |
| * | SCLK2 | 13 | 41 - 53 | .Stop time of played-back OBS in SCLK | PBK (except realtime data: SEF) |
| * | PARTITION | 1 | 54 - 54 | .Partition for SCLK1 and SCLK2. | |
| | <spare> | 9 | 55 - 63 | . | |
| | TARGET | 8 | 64 - 71 | .Primary Target of OBS | SEF: translate from 3rd char in OAPEL (activity ID) |

| | | | | | |
|---|---|---|---|---|---|
| | MODE | 2 | 72 - 73 | .NIMS Instrument MODE (0-15) | SEF: 37IOP, data byte 2, bits 5-8 |
| | GAIN | 1 | 74 - 74 | .Gain State (true value) | SEF: 37IST, data byte 3, bits 7-8 (if bit 6 = 1)<br>0=gs2, 1=gs4, 2=gs3, 3=gs1 |
| | CHOP | 1 | 75 - 75 | .Chopper State (1=Ref,2=63Hz,3=FreeRun,4=Off) | SEF: 37IST, data byte 2, bits 7-8 (if bit 6 = 1)<br>0=63hz, 1=off, 2=ref, 3=freerun |
| | GRAT_OFF | 1 | 76 - 76 | .Grating Offset (0-7, default 4) | SEF: 37GOF, data byte 2, bits 5-8 |
| | PTAB_A(6) | 12 | 77 - 88 | .First PTAB \|repeat count,mirror op,autobias... | SEF: functions of MODE (from 37IOP) as modified by<br>37MPT, unless special sequence (modes 12-15)<br>in which case values come from 37SS<br>parameters <tbd> |
| | PTAB_B(6) | 12 | 89 - 100 | .Second PTAB \|...grating start, grating delta...<br>. \|...number of grating positions) | |
| | ECAL | 1 | 101 - 101 | .Electronics Calibration Active (1=yes) | SEF: 37IST, data byte 3, bit 4 (1=on) |
| | OPCAL | 1 | 102 - 102 | .Optics Calibration active (1=yes) | SEF: 37IST, data byte 3, bit 5 (1=on) |
| # | REAL_TIME | 1 | 103 - 103 | .NIMS in Real-Time Telemetry (1=yes) | SEF: track RT_INST_SEL .and. 37RT |
| # | RECORD | 1 | 104 - 104 | .NIMS in Record Telemetry (1=yes) | SEF: track DMS status event:<br>RECORD, REVERSE, RESUME, RUNDOWN <tbd> |
| * | THRESHSEL | 1 | 105 - 105 | .Threshold value select (>0 = yes) | PBK: THRESHLD_TBL > 0 (i.e. 1-3) |
| | <spare> | 1 | 106 - 106 | . | |
| # | RTISELDN | 5 | 107 - 111 | .RTI select, 5 binary bits (for mirror<br>position blocking, down scan) | SEF: 37MB data byte 1, bits 4-8 <tbd> |
| # | RTISELUP | 5 | 112 - 116 | .RTI select, 5 binary bits (for mirror<br>position blocking, up scan) | SEF: 37MB data byte 2, bits 4-8 <tbd> |
| | <spare> | 1 | 117 - 117 | . | |
| * | RICEFLAG | 1 | 118 - 118 | .Rice compression flag | PBK: 0 no compression<br>1 Rice compression, ref vals each mirror scan<br>3 Rice compression, ref vals each RIM rollover |
| | <spare> | 1 | 119 - 119 | . | |
| | ESTCOMP | 3 | 120 - 122 | .Rice estimated compression ratio (m.n) | PBK: CMPR_DVSR <tbd> |
| | ESTCOMPV | 3 | 123 - 125 | .Rice estimated error in compression ratio (m.n) | PBK: CMPR_UNC <tbd> |
| # | RATECON1 | 5 | 126 - 130 | .Rate control lower limit | PBK: \| S/W table entry indexed by LOSSY_COMP (1-7) |
| # | RATECON2 | 5 | 131 - 135 | .Rate control upper limit | PBK: \| or 0 if LOSSY_COMP = 0 (no rate control) |
| | <spare> | 17 | 136 - 152 | | |
| | NWAVETOT | 3 | 153 - 155 | .Total number of wavelengths selected | Compute from relevant Wavelength Edit Table group |
| | TLMFMT | 3 | 156 - 158 | .Telemetry format (MPW et al, LPU or LNR) | SEF: 6TMREC command |
| | SCET1 | 21 | 159 - 179 | .Start time of played-back OBS in UTC | PBK (except realtime data: SEF) |
| | SCET2 | 21 | 180 - 200 | .Stop time of played-back OBS in UTC | PBK (except realtime data: SEF) |
| | <spares> | 67 | 201 - 267 | .Start time of played-back OBS in UTC | PBK (except realtime data: SEF) |
| * | THRESH | 51 | 268 - 318 | .Threshold values (17 3-digit values, 0-999) | PBK: S/W table indexed by THRESH_TBL > 0, else 0s |

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# WETGID       10 319 - 328     .Wavelength selection group ID (unique)         PBK: WET_GID    (realtime <tbd>)
                                  Rule of formation: mmeelllnnn where
                                   mm  = instrument mode (0-15)
                                   ee  = # entries in group
                                   lll = number of wavelengths selected
                                   nnn = sequence number
* WETGRPSIZ     2 329 - 330     .# Wavelength Edit entries (1-26)               PBK: ED_GRP_LEN (realtime SEF: 37ETB <tbd>)
* WETGRP      182 331 - 512     .Wavelength Edit Table group:  WETGRPSIZ        PBK: ED_GRP     (realtime SEF: 37ETB data bytes 2..)
                                  entries, each one has 7 characters.  The
                                  first 2 characters are the repeat count
                                  (01-26).  The other 5 characters contain
                                  5 hex digits, representing the detector
                                  mask in the form BHHHH where B is 0 or 1
                                  and H has range 0-15.  (These entries are
                                  from the 37ETB instrument edit group for
                                  realtime data and from the logical AND of
                                  corresponding entries in the instrument
                                  and playback edit groups for playback data.)
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.The TARGET names used are:
   CAL      - N - non-science targets, usually calibration targets
   EARTH    - W - Earth
   MOON     - L - Moon
   SKY      - H - Stellar Space (space and stars)
   VENUS    - V - Venus
   GASPRA   - P - Gaspra
   IDA      - U - Ida
   JUPITER  - J - Jupiter
   IO       - I - Io
   EUROPA   - E - Europa
   GANYMEDE - G - Ganymede
   CALLISTO - C - Callisto
   J_RING   - R - Jupiter rings
   (the single letter abbreviation appears as the third character in the OAPEL name ).
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G7NNSTRCAL01G7NNSTRCAL01ADB03895309:00:003895309:55:01         CAL      7414 1 1 0 0 012 1 1 0 0 01200010 0000000000 1 2.00.3000
0065525                  17MPW  97-092/12:27:00.481  97-092/12:27:37.147
          0000000000000000000000000000000000000000000000000000713017001130 11FFFF011FFFF011FFFF011FFFF011FFFF011FFFF011FFFF011FF
FF011FFFF011FFFF011FFFF011FFFF0100000
G7JNAURMAP01G7JNAURMAP01RDC03895575:00:003895578:90:01         JUPITER  3214 1 1 0 0 124 1 1 0 0 12400100 1111001111 0 0.00.0000
0000000                  408RT 1997-092/16:55:57.8001997-092/16:59:59.800
          00000000000000000000000000000000000000000000000000302408000 2241FFFF0200000

G7JNAURMAP01G7JNAURMAP01SDC03895579:00:003895581:12:01         JUPITER  3214 1 1 0 0 124 1 1 0 0 12400100 1110110111 0 0.00.0000
0000000                  408RT 1997-092/17:00:00.4661997-092/17:02:09.800
          00000000000000000000000000000000000000000000000000302408000 2241FFFF0200000

G7JNAURMAP01G7JNAURMAP01TDC03895637:00:003895640:90:01         JUPITER  3214 1 1 0 0 124 1 1 0 0 12400100 0111111110 0 0.00.0000
0000000                  408RT 1997-092/17:58:39.1331997-092/18:02:41.133
          00000000000000000000000000000000000000000000000000302408000 2241FFFF0200000

G7JNAURMAP01G7JNAURMAP01UDC03895641:00:003895642:12:01         JUPITER  3214 1 1 0 0 124 1 1 0 0 12400100 1011111101 0 0.00.0000
0000000                  408RT 1997-092/18:02:41.8001997-092/18:03:50.466
          00000000000000000000000000000000000000000000000000302408000 2241FFFF0200000

G7JNAURMAP01G7JNAURMAP01VDC03895665:00:003895668:90:01         JUPITER  3214 1 1 0 0 124 1 1 0 0 12400100 1111001111 0 0.00.0000
0000000                  408RT 1997-092/18:26:57.8001997-092/18:30:59.800
          00000000000000000000000000000000000000000000000000302408000 2241FFFF0200000

G7JNAURMAP01G7JNAURMAP01WDC03895669:00:003895670:12:01         JUPITER  3214 1 1 0 0 124 1 1 0 0 12400100 1110110111 0 0.00.0000
0000000                  408RT 1997-092/18:31:00.4661997-092/18:32:10.133
          00000000000000000000000000000000000000000000000000302408000 2241FFFF0200000

G7CNGLOBAL01G7CNGLOBAL01ADD03895685:86:003895688:89:01         CALLISTO 3414 1 1 0 0 124 1 1 0 0 12400012 0000000000 1 2.00.3000
0065525                  360MPW  97-092/18:48:09.133  97-092/18:51:13.133
          0300300300000300290280280290280320340310310320300290326360001260 11BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BD
FF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF01000000100000
G7HNDARK__01G7HNDARK__01ADA03896271:90:003896272:89:01         SKY      3414 1 1 0 0 124 1 1 0 0 12400010 0000000000 1 2.00.3000
0065525                   32LPU  97-093/04:40:42.445  97-093/04:41:42.445
          00000000000000000000000000000000000000000000000000326032001260 11FDFF011FDFF0100000010000001000000100000010000001000
0001000000100000010000001000000100000010000001000000100000010000001000000100000010000001000000100000010000001000000100000
G7INCHEMIS01G7INCHEMIS01ADE03896303:00:003896305:14:01         IO       3214 1 1 0 0 124 1 1 0 0 12400012 0000000000 1 2.00.3000
0065525                  102LPU  97-093/05:12:03.111  97-093/05:14:13.777
          0300300300000300290280280290280320340310310320300290326102001260 100000011FDFF0100000010000001001000 11FDFF010000001000
000100100011FDFF0100100010000001000000 11FDFF0100100010000001001000 11FDFF0100100010000001000000 11FDFF0100000010000001000000100000
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G7INCHEMIS02G7INCHEMIS02ADG03896543:00:003896545:34:01         IO       3214 1 1 0 0 124 1 1 0 0 12400012 0000000000 1 2.00.3000
0065525                 216LPU  97-093/09:14:43.102  97-093/09:17:07.102
          030030030000030029028028029028032034031031032030029032621600126010058001 1BDFF0100580011BDFF0100580011BDFF0100580011BDFF0100580011BD
FF0100580011BDFF0100580011BDFF0100580011BDFF0100580011BDFF0100580011BDFF0100580011BDFF0100580011BDFF0100580011BDFF01000000100000
G7NNHEALTH01G7NNHEALTH01RKC03897045:00:003897045:12:01         CAL      3214 1 1 0 0 124 1 1 0 0 12400100 0000000000 0 0.00.0000
0000000                 003RT 1997-093/17:42:37.7331997-093/17:42:45.733
          000000000000000000000000000000000000000000000000302003000 201080442500000

G7NNHEALTH02G7NNHEALTH02RKD03897076:00:003897076:12:01         CAL      3214 1 1 0 0 124 1 1 0 0 12400100 0000000000 0 0.00.0000
0000000                 003RT 1997-093/18:13:38.4001997-093/18:13:46.400
          000000000000000000000000000000000000000000000000302003000 201080442500000

G7INHRSPEC01G7INHRSPEC01ADW03897244:00:003897246:85:01         IO       3214 1 1 0 0 124 1 1 0 0 12400012 0000000000 1 2.00.3000
0065525                 360MPW  97-093/21:03:30.409  97-093/21:06:28.409
          030030030000030029028028029028032034031031032030029032636000126011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BD
FF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF01000000100000
G7JNPFC04101G7JNPFC04101ADK03897276:00:003897277:58:01         JUPITER  5214 1 1 0 1 4 6 1 1 0 1 4 600010 0000000000 1 2.00.3000
0065525                  25LPU  97-093/21:35:51.742  97-093/21:37:31.075
          000000000000000000000000000000000000000000000000507025001 701004000111D810119900010190201 0B8100100C010100000

G7JNFEAP4101G7JNFEAP4101ADM03897294:00:003897298:83:01         JUPITER  5214 1 1 0 1 4 6 1 1 0 1 4 600010 0000000000 1 2.00.3000
0065525                  25LPU  97-093/21:54:03.741  97-093/21:59:01.741
          000000000000000000000000000000000000000000000000507025001 701004000111D810119900010190201 0B8100100C010100000

G7JNRTHOTS01G7JNRTHOTS01RLN03897302:00:003897302:12:01         JUPITER  3214 1 1 0 0 124 1 1 0 0 12400100 1101111011 0 0.00.0000
0000000                 408RT 1997-093/22:02:09.0661997-093/22:02:17.066
          000000000000000000000000000000000000000000000000302408000 2241FFFF0200000

G7JNFEASUB01G7JNFEASUB01ADO03897354:00:003897359:25:01         JUPITER  3214 1 1 0 0 124 1 1 0 0 12400010 0000000000 1 2.00.3000
0065525                  80LPU  97-093/22:54:43.739  97-093/23:00:03.739
          000000000000000000000000000000000000000000000000000032608000126011140001114000111400011140001114000111400011140001194
00011A400011A400010A400010A400010A400010AC00010A800010A800011A800011A800011A800011A800011280001128000112800011280001000000100000
G7JNFEAP4102G7JNFEAP4102ADP03897368:00:003897372:85:01         JUPITER  5214 1 1 0 1 4 6 1 1 0 1 4 600010 0000000000 1 2.00.3000
0065525                   4LPU  97-093/23:08:53.071  97-093/23:13:52.404
          000000000000000000000000000000000000000000000000507004001 701000000101900011000001000000100000010000001000000100000

G7JNPFTB4101G7JNPFTB4101ADQ03897377:00:003897380:46:01         JUPITER  5214 1 1 0 1 4 6 1 1 0 1 4 600010 0000000000 1 2.00.3000
0065525                  25LPU  97-093/23:17:59.071  97-093/23:21:31.738
          000000000000000000000000000000000000000000000000507025001 701004000111D810119900010190201 0B8100100C010100000

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G7JNRTHOTS02G7JNRTHOTS02RLV03897383:00:003897383:12:01         JUPITER  3214 1 1 0 0 124 1 1 0 0 12400100 1101111011 0 0.00.0000
0000000                 408RT 1997-093/23:24:03.0661997-093/23:24:11.066
          00000000000000000000000000000000000000000000000000302408000 2241FFFF0200000

G7JNPFTB4102G7JNPFTB4102ADR03897443:00:003897446:46:01         JUPITER  5214 1 1 0 1 4 6 1 1 0 1 4 600010 0000000000 1 2.00.3000
0065525                  4LPU  97-094/00:24:43.068  97-094/00:28:15.735
          00000000000000000000000000000000000000000000000000507004001 701000000101900011000001000000100000010000001000000100000

G7JNPFTD4101G7JNPFTD4101ADT03897463:00:003897466:46:01         JUPITER  5214 1 1 0 1 4 6 1 1 0 1 4 600010 0000000000 1 2.00.3000
0065525                  25LPU  97-094/00:44:56.400  97-094/00:48:29.068
          00000000000000000000000000000000000000000000000000507025001 701004000111D810119900010190201OB8100100C010100000

G7JNRTHOTS03G7JNRTHOTS03RLS03897471:00:003897471:12:01         JUPITER  3214 1 1 0 0 124 1 1 0 0 12400100 1101111011 0 0.00.0000
0000000                 408RT 1997-094/00:53:01.7331997-094/00:53:09.733
          00000000000000000000000000000000000000000000000000302408000 2241FFFF0200000

G7INVOLCAN05G7INVOLCAN05AEA03897481:00:003897481:90:01         IO       3414 1 1 0 0 124 1 1 0 0 12400012 0000000000 1 2.00.3000
0065525                 408MPW  97-094/01:03:08.400  97-094/01:04:08.400
          03003003000003002902802802902803203403103103203002903264080012601lFFFF011FFFF011FFFF011FFFF011FFFF011FFFF011FFFF011FF
FF011FFFF011FFFF011FFFF011FFFF011FFFF011FFFF011FFFF011FFFF011FFFF011FFFF011FFFF011FFFF011FFFF011FFFF01000000100000
G7HNDARK__02G7HNDARK__02ADS03897493:00:003897493:90:01         SKY      3214 1 1 0 0 124 1 1 0 0 12400010 0000000000 1 2.00.3000
0065525                  32LPU  97-094/01:15:16.400  97-094/01:16:16.400
          00000000000000000000000000000000000000000000000000032603200126011FDFF011FDFF0100000010000001000000100000010000001000
00010000001000000100000010000001000000100000010000001000000100000010000001000000100000010000001000000100000010000001000000100000
G7INCHEMIS04G7INCHEMIS04AEB03897499:00:003897502:41:01         IO       3214 1 1 0 0 124 1 1 0 0 12400012 0000000000 1 2.00.3000
0065525                 216LPU  97-094/01:21:20.399  97-094/01:24:50.399
          03003003000003002902802802902803203403103103203002903262160012601001005800llBDFF0100580011BDFF0100580011BDFF0100580011BD
FF0100580011BDFF0100580011BDFF0100580011BDFF0100580011BDFF0100580011BDFF0100580011BDFF0100580011BDFF01000000100000
G7ENFLEXUS01G7ENFLEXUS01ADX03897540:35:003897541:04:01         EUROPA   3314 1 1 0 0 124 1 1 0 0 12400010 0000000000 1 2.00.3000
0065525                 228LPU  97-094/02:03:11.732  97-094/02:03:51.732
          00000000000000000000000000000000000000000000000000032622800126010lC00011FDFF0101C00011FDFF0101C00011FDFF0101C00011FD
FF0101C00011FDFF0101C00011FDFF0101C00011FDFF0101C00011FDFF0101C00011FDFF0101C00011FDFF0101C00011FDFF01000000100000
G7ENFLEXUS01G7ENFLEXUS01BDX03897552:06:003897556:12:01         EUROPA   3414 1 1 0 0 124 1 1 0 0 12400010 0000000000 1 2.00.3000
0065525                 108LPU  97-094/02:15:00.397  97-094/02:19:07.064
          00000000000000000000000000000000000000000000000000032610800126010000001001FF010000001001FF010000001001FF010000001001
FF010000001001FF010000001001FF010000001001FF010000001001FF010000001001FF010000001001FF010000001001FF01000000100000
G7ENFLEXUS01G7ENFLEXUS01CDX03897556:13:003897557:06:01         EUROPA   3414 1 1 0 0 124 1 1 0 0 12400010 0000000000 1 2.00.3000
0065525                 228LPU  97-094/02:19:07.730  97-094/02:20:03.731
          00000000000000000000000000000000000000000000000000032622800126010lC00011FDFF0101C00011FDFF0101C00011FDFF0101C00011FD
FF0101C00011FDFF0101C00011FDFF0101C00011FDFF0101C00011FDFF0101C00011FDFF0101C00011FDFF01000000100000
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G7INCHEMIS05G7INCHEMIS05AEF03897704:90:003897708:90:01         IO       3214 1 1 0 0 124 1 1 0 0 12400012 0000000000 1 2.00.3000
0065525                  216LPU  97-094/04:49:37.726  97-094/04:53:40.391
          0300300300000300290280280290280320340310310320300290326216001260100580011BDFF0100580011BDFF0100580011BDFF0100580011BD
FF0100580011BDFF0100580011BDFF0100580011BDFF0100580011BDFF0100580011BDFF0100580011BDFF0100580011BDFF01000000100000
G7JNFEX00203G7JNFEX00203AEG03897735:90:003897737:58:01         JUPITER  5214 1 1 0 1 4 6 1 1 0 1 4 600010 0000000000 1 2.00.3000
0065525                   15LPU  97-094/05:20:58.390  97-094/05:22:38.390
          0000000000000000000000000000000000000000000000000507015001 701000000111500011A0000100800010B8100100C000100000

G7ENTYREMA01G7ENTYREMA01AEH03897769:44:003897782:77:01         EUROPA   3214 1 1 0 0 124 1 1 0 0 12400010 0000000000 1 2.00.3000
0065525                  360MPW  97-094/05:54:50.389  97-094/06:08:21.056
          0000000000000000000000000000000000000000000000000032636000126011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BD
FF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF01000000100000
G7NNHEALTH03G7NNHEALTH03RKE03898063:00:003898063:12:01         CAL      3214 1 1 0 0 124 1 1 0 0 12400100 0000000000 0 0.00.0000
0000000                  003RT 1997-094/10:51:36.4001997-094/10:51:44.400
          0000000000000000000000000000000000000000000000000302003000 201080442500000

G7JNHOTMAP01G7JNHOTMAP01AFR03898081:00:003898092:00:01         JUPITER  3214 1 1 0 0 124 1 1 0 0 12400010 0000000000 1 2.00.3000
0065525                   72LPU  97-094/11:09:48.379  97-094/11:20:55.711
          0000000000000000000000000000000000000000000000000032607200126010000701000070100007010000701000070100007010000701000
0701000070100007010000701000070100007010000701000070100007010000701000070100007010000701000070100007010000701000000100000
G7JNFEAP6601G7JNFEAP6601AEJ03898617:31:003898619:59:01         JUPITER  5214 1 1 0 1 4 6 1 1 0 1 4 600010 0000000000 1 2.00.3000
0065525                   25LPU  97-094/20:12:06.359  97-094/20:14:26.358
          0000000000000000000000000000000000000000000000000507025001 701004000111D810119900010190201OB8100100C010100000

G7JNPFTB6601G7JNPFTB6601AEK03898627:79:003898629:46:01         JUPITER  5214 1 1 0 1 4 6 1 1 0 1 4 600010 0000000000 1 2.00.3000
0065525                   25LPU  97-094/20:22:45.024  97-094/20:24:24.358
          0000000000000000000000000000000000000000000000000507025001 701004000111D810119900010190201OB8100100C010100000

G7NNHEALTH04G7NNHEALTH04RKF03898632:00:003898632:12:01         CAL      3214 1 1 0 0 124 1 1 0 0 12400100 0000000000 0 0.00.0000
0000000                  003RT 1997-094/20:26:55.6661997-094/20:27:03.666
          0000000000000000000000000000000000000000000000000302003000 201080442500000

G7JNFEAP6602G7JNFEAP6602AEL03898680:00:003898684:82:01         JUPITER  5214 1 1 0 1 4 6 1 1 0 1 4 600010 0000000000 1 2.00.3000
0065525                   25LPU  97-094/21:15:27.689  97-094/21:20:25.022
          0000000000000000000000000000000000000000000000000507025001 701004000111D810119900010190201OB8100100C010100000

G7JNPFTB6602G7JNPFTB6602AEM03898690:00:003898693:47:01         JUPITER  5214 1 1 0 1 4 6 1 1 0 1 4 600010 0000000000 1 2.00.3000
0065525                   25LPU  97-094/21:25:34.356  97-094/21:29:07.689
          0000000000000000000000000000000000000000000000000507025001 701004000111D810119900010190201OB8100100C010100000

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G7JNPFC06601G7JNPFC06601AEN03898698:00:003898702:86:01         JUPITER  5214 1 1 0 1 4 6 1 1 0 1 4 600010 0000000000 1 2.00.3000
0065525                  25LPU  97-094/21:33:39.689  97-094/21:38:39.688
          00000000000000000000000000000000000000000000000000507025001 701004000111D810119900010190201OB8100100C010100000

G7JNFEA53M01G7JNFEA53M01AEO03898731:00:003898736:25:01         JUPITER  3414 1 1 0 0 124 1 1 0 0 12400010 0000000000 1 2.00.3000
0065525                  83LPU  97-094/22:07:01.687  97-094/22:12:21.687
          00000000000000000000000000000000000000000000000000032608300126010100301010030101003010110301001030101107010010701001
07010010701001070100107010010701001070100107010000701000070100007010000701000070100007010000701000070100007
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G7JNFEX10803G7JNFEX10803AEV03899049:00:003899050:59:01         JUPITER  5214 1 1 0 1 4 6 1 1 0 1 4 600010 0000000000 1 2.00.3000
0065525                  19LPU  97-095/03:28:33.675  97-095/03:30:13.675
          00000000000000000000000000000000000000000000000000507019001 701004000111501011A0000100802010B8100100C010100000

G7NNHEALTH06G7NNHEALTH06RKH03899092:00:003899092:12:01         CAL      3214 1 1 0 0 124 1 1 0 0 12400100 0000000000 0 0.00.0000
0000000                  003RT 1997-095/04:12:02.3331997-095/04:12:10.333
          00000000000000000000000000000000000000000000000000302003000 201080442500000

G7GNNHILAT01G7GNNHILAT01AFV03899120:00:003899122:00:01         GANYMEDE 3314 1 1 0 0 124 1 1 0 0 12400012 0000000000 1 2.00.3000
0065525                  192LPU  97-095/04:40:21.007  97-095/04:42:22.341
          03003003000003002902802802902803203403103103203002903261920012601008000 11BDFF0100800011BDFF0100800011BDFF0100800011BDFF0100800011BD
FF0100800011BDFF0100800011BDFF0100800011BDFF0100800011BDFF0100800011BDFF0100800011BDFF0100800011BDFF0100800011BDFF01000000100000
G7GNNHILAT01G7GNNHILAT01BFV03899122:16:003899135:70:01         GANYMEDE 3314 1 1 0 0 124 1 1 0 0 12400010 0000000000 1 2.00.3000
0065525                  192LPU  97-095/04:42:33.007  97-095/04:56:17.672
          00000000000000000000000000000000000000000000000000003261920012601008000 11BDFF0100800011BDFF0100800011BDFF0100800011BDFF0100800011BD
FF0100800011BDFF0100800011BDFF0100800011BDFF0100800011BDFF0100800011BDFF0100800011BDFF0100800011BDFF0100800011BDFF01000000100000
G7INTHRMAL06G7INTHRMAL06AEW03899149:00:003899152:01:01         IO       3414 1 1 0 0 124 1 1 0 0 12400010 0000000000 1 2.00.3000
0065525                  192LPU  97-095/05:09:40.339  97-095/05:12:43.006
          00000000000000000000000000000000000000000000000000003261920012601001000 11BDFF0100100011BDFF0100100011BDFF0100100011BDFF0100100011BD
FF0100100011BDFF0100100011BDFF0100100011BDFF0100100011BDFF0100100011BDFF0100100011BDFF0100100011BDFF01000000100000
G7GNBRITRL01G7GNBRITRL01AEX03899219:00:003899223:63:01         GANYMEDE 3314 1 1 0 0 124 1 1 0 0 12400010 0000000000 1 2.00.3000
0065525                  360MPW  97-095/06:20:27.003  97-095/06:25:11.669
          00000000000000000000000000000000000000000000000000003263600012601 1BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BD
FF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF01000000100000
G7GNKITTU_01G7GNKITTU_01AEY03899241:01:003899252:51:01         GANYMEDE 3314 1 1 0 0 124 1 1 0 0 12400010 0000000000 1 2.00.3000
0065525                  360MPW  97-095/06:42:42.335  97-095/06:54:23.002
          00000000000000000000000000000000000000000000000000003263600012601 1BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BD
FF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF01000000100000
G7GNGLOBAL02G7GNGLOBAL02AFC03899697:90:003899705:06:01         GANYMEDE 3314 1 1 0 0 124 1 1 0 0 12400012 0000000000 1 2.00.3000
0065525                  360MPW  97-095/14:24:46.318  97-095/14:31:55.651
          03003003000003002902802802902803203403103103203002903263600012601 1BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BD
FF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF011BDFF01000000100000
G7JNFEA13001G7JNFEA13001AEZ03899831:90:003899833:57:01         JUPITER  5214 1 1 0 1 4 6 1 1 0 1 4 600010 0000000000 1 2.00.3000
0065525                   4LPU  97-095/16:40:15.646  97-095/16:41:54.980
          00000000000000000000000000000000000000000000000000507004001 701000000101900011000001000000100000010000001000000100000

G7JNFEA13002G7JNFEA13002AFA03899856:90:003899858:61:01         JUPITER  5214 1 1 0 1 4 6 1 1 0 1 4 600010 0000000000 1 2.00.3000
0065525                  15LPU  97-095/17:05:32.312  97-095/17:07:13.666
          00000000000000000000000000000000000000000000000000507015001 701004000111500011A0000100800010981001 00C000100000

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G7JNPFB13001G7JNPFB13001AFB03899881:86:103899883:58:01         JUPITER  5214 1 1 0 1 4 6 1 1 0 1 4 600010 0000000000 1 2.00.3000
0065525                  15LPU  97-095/17:30:45.666  97-095/17:32:28.311
          00000000000000000000000000000000000000000000000000507015001 701004000111500011A000010080001098100100C000100000

G7JNTHRMNS01G7JNTHRMNS01AFD03899963:00:003899973:90:01         JUPITER  3414 1 1 0 0 124 1 1 0 0 12400010 0000000000 1 2.00.3000
0065525                  80LPU  97-095/18:52:42.975  97-095/19:03:49.642
          00000000000000000000000000000000000000000000000000032608000126010000701000070100007010000701000070100007010000701000
070100007010000701000070100007010000701000070100007010000F010000F010000F010000F010000F010000F010000F01000000100000
G7JNTHRMNS01G7JNTHRMNS01BFD03899974:00:003899986:84:01         JUPITER  3414 1 1 0 0 124 1 1 0 0 12400010 0000000000 1 2.00.3000
0065525                 253LPU  97-095/19:03:50.308  97-095/19:16:54.307
          00000000000000000000000000000000000000000000000000326253001260100 3FF01007FF01007FF01007FF01007FF01007FF01007FF01007
FF01007FF01007FF01007FF01007FF01007FF01003FF01003FF01003FF01003FF01003FF01003FF01003FF01003FF01003FF01000000100000
G7HNDARK__04G7HNDARK__04AFE03900296:87:003900298:02:01         SKY      3314 1 1 0 0 124 1 1 0 0 12400010 0000000000 1 2.00.3000
0065525                  32LPU  97-096/00:30:22.963  97-096/00:31:27.630
          00000000000000000000000000000000000000000000000000326032001260 11FDFF011FDFF010000001000000100000001000000010000001000
000100000010000001000000100000010000001000000100000010000001000000100000010000001000000100000010000001000000100000010000001000000100000
G7JNFEA14201G7JNFEA14201AFF03900449:00:003900450:76:01         JUPITER  5214 1 1 0 1 4 6 1 1 0 1 4 600010 0000000000 1 2.00.3000
0065525                   4LPU  97-096/03:04:06.957  97-096/03:05:58.266
          00000000000000000000000000000000000000000000000000507004001 701000000101900011000001000000100000010000001000000100000

G7JNPFC14201G7JNPFC14201AFG03900460:86:003900462:76:01         JUPITER  5214 1 1 0 1 4 6 1 1 0 1 4 600010 0000000000 1 2.00.3000
0065525                   4LPU  97-096/03:16:11.600  97-096/03:18:06.266
          00000000000000000000000000000000000000000000000000507004001 701000000101900011000001000000100000010000001000000100000

G7JNPFB14201G7JNPFB14201AFH03900477:86:003900479:76:01         JUPITER  5214 1 1 0 1 4 6 1 1 0 1 4 600010 0000000000 1 2.00.3000
0065525                   4LPU  97-096/03:33:22.933  97-096/03:35:17.600
          00000000000000000000000000000000000000000000000000507004001 701000000101900011000001000000100000010000001000000100000

G7NNHEALTH07G7NNHEALTH07RKI03900978:00:003900978:12:01         CAL      3214 1 1 0 0 124 1 1 0 0 12400100 0000000000 0 0.00.0000
0000000                 003RT 1997-096/11:58:59.6001997-096/11:59:07.600
          00000000000000000000000000000000000000000000000000302003000 201080442500000

G7JNPFB15001G7JNPFB15001AFI03901047:86:003901049:76:01         JUPITER  5214 1 1 0 1 4 6 1 1 0 1 4 600010 0000000000 1 2.00.3000
0065525                   4LPU  97-096/13:09:42.933  97-096/13:11:37.600
          00000000000000000000000000000000000000000000000000507004001 701000000101900011000001000000100000010000001000000100000

G7JNPFC15001G7JNPFC15001AFJ03901054:86:003901056:76:01         JUPITER  5214 1 1 0 1 4 6 1 1 0 1 4 600010 0000000000 1 2.00.3000
0065525                   4LPU  97-096/13:16:47.600  97-096/13:18:42.266
          00000000000000000000000000000000000000000000000000507004001 701000000101900011000001000000100000010000001000000100000

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G7JNFEA15003G7JNFEA15003AFK03901069:86:003901071:55:01         JUPITER  5214 1 1 0 1 4 6 1 1 0 1 4 600010 0000000000 1 2.00.3000
0065525                    4LPU  97-096/13:31:57.600  97-096/13:33:38.268
          00000000000000000000000000000000000000000000000000507004001 701000000101900011000001000000100000010000000100000

G7NNHEALTH08G7NNHEALTH08RKJ03901175:00:003901175:12:01         CAL      3214 1 1 0 0 124 1 1 0 0 12400100 0000000000 0 0.00.0000
0000000                 003RT 1997-096/15:18:10.9331997-096/15:18:18.933
          00000000000000000000000000000000000000000000000000302003000 201080442500000

G7JNFEZ15702G7JNFEZ15702AFM03901203:00:003901204:58:01         JUPITER  5214 1 1 0 1 4 6 1 1 0 1 4 600010 0000000000 1 2.00.3000
0065525                    19LPU  97-096/15:46:29.596  97-096/15:48:09.596
          00000000000000000000000000000000000000000000000000507019001 701000000111D80011A800010090001OB8100100C000100000

G7NNRCTRLT01LSNNRCTRTA01RXU03904887:00:003904887:12:01         CAL      3114 1 1 0 0 124 1 1 0 0 12400100 1101111011 0 0.00.0000
0000000                 252RT 1997-099/05:51:25.4661997-099/05:51:33.466
          00000000000000000000000000000000000000000000000000303252000 312003FF12007FF0200000

G7NNRCTRLT01LSNNRCTRTA01SXU03904893:00:003904894:12:01         CAL      3114 1 1 0 0 124 1 1 0 0 12400100 1101111011 0 0.00.0000
0000000                 252RT 1997-099/05:57:29.4661997-099/05:58:38.166
          00000000000000000000000000000000000000000000000000303252000 312003FF12007FF0200000

G7NNRCTRLT01LSNNRCTRTA01TXU03904899:00:003904899:12:01         CAL      3114 1 1 0 0 124 1 1 0 0 12400100 1101111011 0 0.00.0000
0000000                 252RT 1997-099/06:03:33.4661997-099/06:03:41.466
          00000000000000000000000000000000000000000000000000303252000 312003FF12007FF0200000

G7NNPCTRLT01G7NNPCTRLT01RFA03911857:00:003911858:12:01         CAL      3414 1 1 0 0 124 1 1 0 0 12400100 1101111011 0 0.00.0000
0000000                 252RT 1997-104/03:18:51.8661997-104/03:20:00.533
          00000000000000000000000000000000000000000000000000303252000 3121FFC0121FF800200000

G7NNPCTRLT01G7NNPCTRLT01SFA03911863:00:003911872:12:01         CAL      3414 1 1 0 0 124 1 1 0 0 12400100 1101111011 0 0.00.0000
0000000                 252RT 1997-104/03:24:55.8661997-104/03:34:09.866
          00000000000000000000000000000000000000000000000000303252000 3121FFC0121FF800200000

G7NNOPCAL_01G7NNOPCAL_01RDN03935940:00:003935942:12:01         CAL      3414 1 1 0 0 124 1 1 0 0 12400100 1101111011 0 0.00.0000
0000000                 168RT 1997-121/01:09:26.2661997-121/01:11:35.600
          00000000000000000000000000000000000000000000000000302168000 2241E7000200000

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