

XRT Timeline to be uploaded on 2010/04/09

Period: 2010/04/09 10:17:00 - 2010/04/13 10:36:00

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Normal mode

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| XOB #17A4: AR - Ti/poly, Al/mesh with multi-FoV - 105 sec seq. | | | | | | | | | | | | |
|--|--|--|--|--|--|---------------------------------------|--|--|--|--|--|--|
| Term | Pointing (x, y) | | | | | Comment | | | | | | |
| 04/09 10:30:04 - 04/09 17:59:00 | Track (787.4, 245.9) @ 04/09 10:27:00 | | | | | # OP start + 10min, track AR 11061. | | | | | | |
| 04/10 09:03:04 - 04/10 15:59:54 | Track (878.9, 226.1) @ 04/10 09:00:00 | | | | | # Resume tracking AR 11061. | | | | | | |
| 04/10 16:03:05 - 04/10 17:59:54 | Fixed (900.0, 220.0) | | | | | * AR 11061, fixed pointing at W limb. | | | | | | |
| 04/10 18:13:04 - 04/11 06:11:54 | Fixed (900.0, 220.0) | | | | | # Cont. | | | | | | |
| PROG= 14 Inf.-time(s) | | | | | | | | | | | | |
| └ Subr= 2 1-time(s) 2.0sec | | | | | | | | | | | | |
| └└ Seqn= 47 1-time(s) 2.0sec | | | | | | | | | | | | |
| └└└ Open/Al-mesh Open/G-band close Safe Dark 4.00s Obs 1x1 384x384 (1024, 1024) Q=98 0 0 2.0sec | | | | | | | | | | | | |
| └└└ Open/Al-mesh Open/Al-mesh close Safe Dark 500ms Obs 2x2 512x512 (1024, 1024) DPCM 0 0 2.0sec | | | | | | | | | | | | |
| └ Subr= 1 7-time(s) 105.0sec | | | | | | | | | | | | |
| └└ Seqn= 48 1-time(s) 2.0sec | | | | | | | | | | | | |
| └└└ Open/Ti-poly Open/Ti-poly close Safe Norm 8.00s Obs 1x1 384x384 (1024, 1024) Q=95 3 0 2.0sec | | | | | | | | | | | | |
| └└└ Open/Ti-poly Open/Ti-poly close Safe Norm 2.00s Obs 2x2 512x512 (1024, 1024) Q=95 2 0 2.0sec | | | | | | | | | | | | |
| └└└ Open/Al-mesh Open/Al-mesh close Safe Norm 4.00s Obs 1x1 384x384 (1024, 1024) Q=95 3 0 2.0sec | | | | | | | | | | | | |
| └└└ Open/Al-mesh Open/Al-mesh close Safe Norm 1.00s Obs 2x2 512x512 (1024, 1024) Q=95 2 0 2.0sec | | | | | | | | | | | | |
| Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval | | | | | | | | | | | | |

| XOB #1772: Synoptic Q95 2x2 - Al/mesh(33/512) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(64/1024) + G-band(16)-2 | | | | | | | | | | | | |
|--|--|--|--|--|--|---|--|--|--|--|--|--|
| Term | Pointing (x, y) | | | | | Comment | | | | | | |
| 04/09 18:25:30 - 04/09 19:36:00 | Fixed (0.0, 0.0) | | | | | synoptic, shifted 22.5 min | | | | | | |
| 04/09 20:00:30 - 04/10 02:53:54 | Track (824.8, 239.0) @ 04/09 18:32:30 | | | | | # Cont. | | | | | | |
| 04/10 05:47:06 - 04/10 05:55:00 | Track (-27.8, 0.1) @ 04/10 02:54:00 | | | | | * Track near disk center for EIS, SOT QS obs, and joint XRT-AIA full disk for 15 min. Drive-t | | | | | | |
| 04/10 18:03:00 - 04/10 18:09:54 | Fixed (0.0, 0.0) | | | | | synoptic | | | | | | |
| 04/11 06:15:00 - 04/11 06:22:00 | Fixed (0.0, 0.0) | | | | | synoptic, shifted 12.0 min, extended for joint XRT-AIA observations. | | | | | | |
| 04/11 18:03:00 - 04/11 19:12:30 | Fixed (0.0, 0.0) | | | | | synoptic | | | | | | |
| 04/11 19:37:00 - 04/12 05:45:54 | Fixed (900.0, 220.0) | | | | | # Cont. | | | | | | |
| 04/12 05:49:00 - 04/12 06:13:30 | Fixed (0.0, 0.0) | | | | | synoptic, shifted -14.0 min | | | | | | |
| PROG= 09 1-time(s) | | | | | | | | | | | | |
| └ Subr= 1 1-time(s) 12.0sec | | | | | | | | | | | | |
| └└ Seqn= 44 1-time(s) 4.0sec | | | | | | | | | | | | |
| └└└ Open/Al-mesh Open/Ti-poly close Safe Norm 32ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | | | | | | | | | | | |
| └└└ Open/Al-mesh Open/Ti-poly close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | | | | | | | | | | | |
| └└ Seqn= 5 1-time(s) 2.0sec | | | | | | | | | | | | |
| └└└ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec | | | | | | | | | | | | |
| └└└ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 4x4 2048x2048 (1024, 1024) Q=98 0 0 2.0sec | | | | | | | | | | | | |
| └└└ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 8x8 2048x2048 (1024, 1024) Q=98 0 0 2.0sec | | | | | | | | | | | | |
| └└└ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 1x1 2048x512 (1024, 1024) DPCM 0 0 2.0sec | | | | | | | | | | | | |
| └└└ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 1x1 512x2048 (1024, 1024) DPCM 0 0 2.0sec | | | | | | | | | | | | |
| └└ Seqn= 45 1-time(s) 4.0sec | | | | | | | | | | | | |
| └└└ Open/Ti-poly Open/Ti-poly close Safe Norm 63ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | | | | | | | | | | | |
| └└└ Open/Ti-poly Open/thick-Al close Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | | | | | | | | | | | |
| └└ Seqn= 4 1-time(s) 2.0sec | | | | | | | | | | | | |
| └└└ Open/G-band Open/G-band open Safe Norm 16ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | | | | | | | | | | | |
| Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval | | | | | | | | | | | | |

| XOB #17A7: QS obs Ti/poly and Al/mesh 120sec seq | | | | | | | | | | | | |
|--|--------------------------------------|--|--|--|--|---|--|--|--|--|--|--|
| Term | Pointing (x, y) | | | | | Comment | | | | | | |
| 04/10 02:57:05 - 04/10 05:44:00 | Track (-27.8, 0.1) @ 04/10 02:54:00 | | | | | * Track near disk center for EIS, SOT QS obs, and joint XRT-AIA full disk for 15 min. Drive-t | | | | | | |
| PROG= 15 Inf.-time(s) | | | | | | | | | | | | |
| └ Subr= 1 1-time(s) 120.0sec | | | | | | | | | | | | |
| └└ Seqn= 55 1-time(s) 2.0sec | | | | | | | | | | | | |
| └└└ Open/Al-mesh Open/Ti-poly close Safe Norm 4.00s Obs 1x1 384x384 (1064, 1048) Q=95 4 0 2.0sec | | | | | | | | | | | | |
| └└└ Open/Ti-poly Open/thick-Al close Safe Norm 8.00s Obs 1x1 384x384 (1064, 1048) Q=95 4 0 2.0sec | | | | | | | | | | | | |
| Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval | | | | | | | | | | | | |

| XOB #17A6: Full-disk observation joint with AIA | | | | | | | | | | | | |
|--|--------------------------------------|--|--|--|--|---|--|--|--|--|--|--|
| Term | Pointing (x, y) | | | | | Comment | | | | | | |
| 04/10 05:58:08 - 04/10 08:59:54 | Track (-27.8, 0.1) @ 04/10 02:54:00 | | | | | * Track near disk center for EIS, SOT QS obs, and joint XRT-AIA full disk for 15 min. Drive-t | | | | | | |
| 04/11 06:25:08 - 04/11 07:16:00 | Fixed (0.0, 0.0) | | | | | synoptic, shifted 12.0 min, extended for joint XRT-AIA observations. | | | | | | |
| 04/11 07:41:00 - 04/11 17:35:30 | Fixed (900.0, 220.0) | | | | | # Cont. | | | | | | |
| PROG= 03 3-time(s) | | | | | | | | | | | | |
| └ Subr= 1 1-time(s) 300.0sec | | | | | | | | | | | | |
| └└ Seqn= 57 1-time(s) 2.0sec | | | | | | | | | | | | |
| └└└ Open/thick-Al Open/thick-Al close Safe Norm 22.6s Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | | | | | | | | | | | |
| └└ Seqn= 53 1-time(s) 2.0sec | | | | | | | | | | | | |
| └└└ Open/Al-mesh Open/Al-mesh close Safe Norm 125ms Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | | | | | | | | | | | |
| └└└ Open/Al-mesh Open/Al-mesh close Safe Norm 2.00s Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | | | | | | | | | | | |
| └└ Seqn= 54 1-time(s) 2.0sec | | | | | | | | | | | | |
| └└└ Open/Ti-poly Open/Ti-poly close Safe Norm 250ms Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | | | | | | | | | | | |

| | | | | | | | | | | | | | |
|----------|----------------|----------------|-------|------|-------|-------|-----|-----|------------------------|-------|------------|----------|--------|
| Subr= 2 | Open/Ti-poly | Open/Ti-poly | close | Safe | Norm | 4.00s | Obs | 1x1 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 56 | 1-time(s) | 2.0sec | | | | | | | | | | | |
| | Open/Ti-poly | Open/Ti-poly | close | Safe | Dark | 1.00s | Obs | 1x1 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| | Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

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* * * * *
Flare mode
* * * * *

NOT USED

* * * * *
Active Region Search
* * * * *

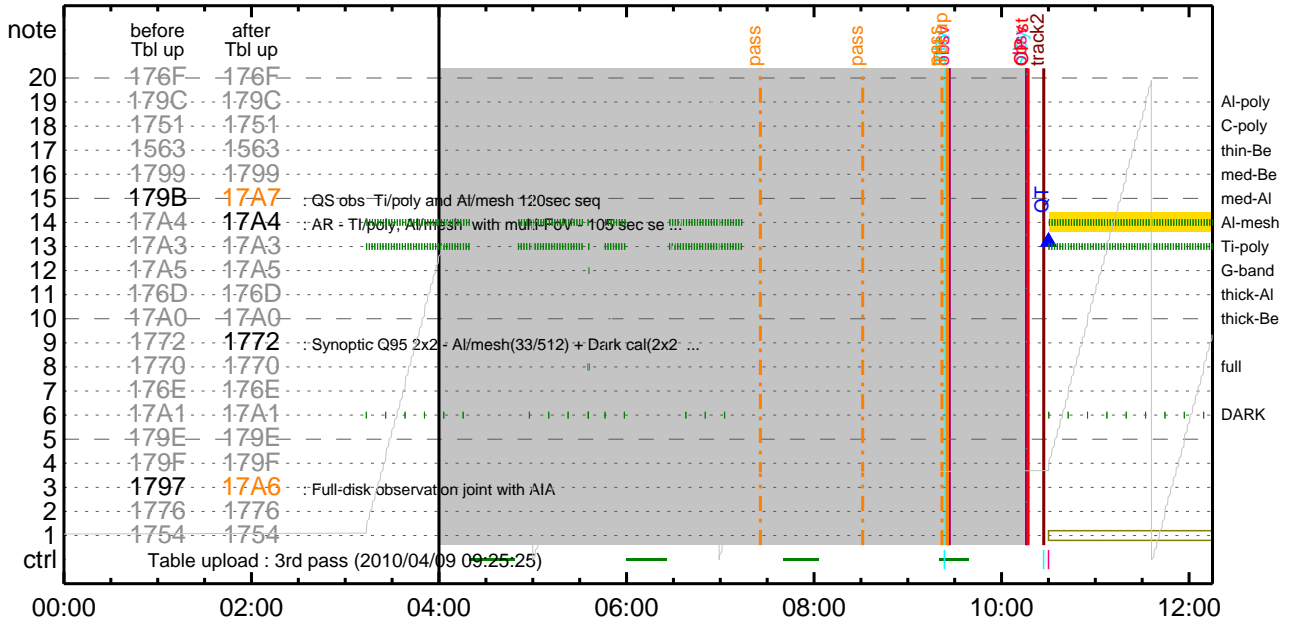
NOT USED

* * * * *
Flare Detection
* * * * *

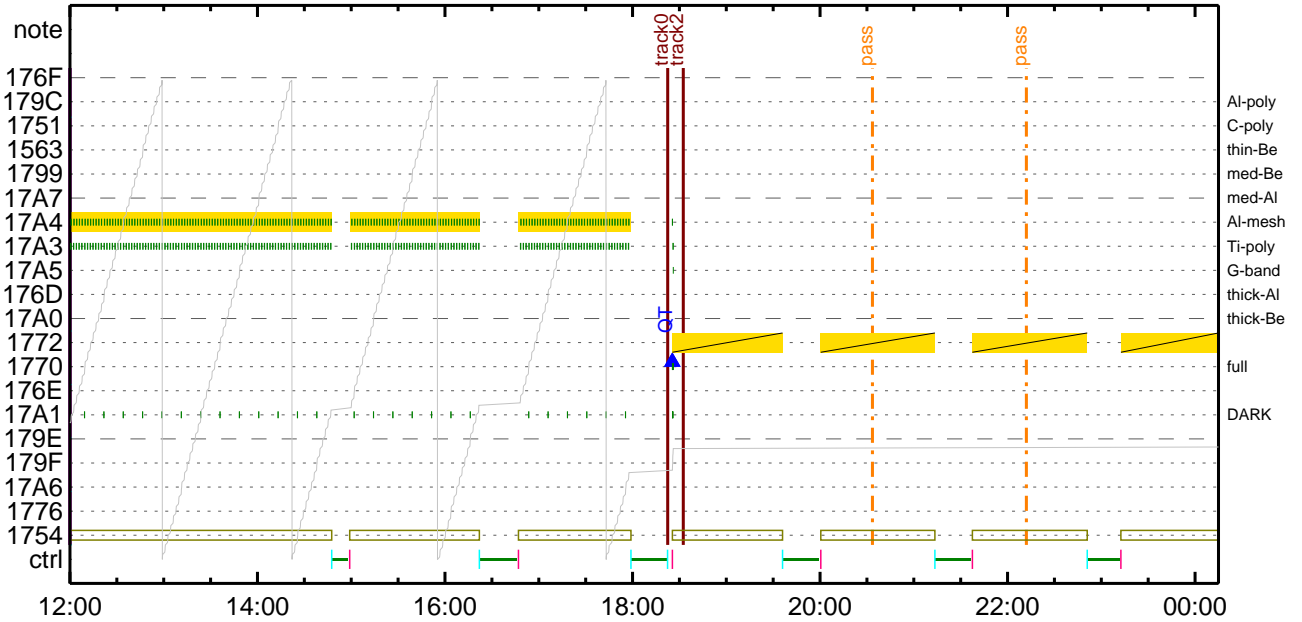
```

| FLD Patrol | | | | | | | | | | | | |
|---------------------------------|-----------------------|------------------|------|-------|------|---|-----|--------------------|-------|------------|----------|--|
| Term | Pointing (x, y) | | | | | Comment | | | | | | |
| 04/09 10:27:18 - 04/09 18:22:46 | Track (787.4, 245.9) | Ⓜ 04/09 10:27:00 | | | | # OP start + 10min, track AR 11061. | | | | | | |
| 04/10 02:54:18 - 04/10 05:44:22 | Track (-27.8, 0.1) | Ⓜ 04/10 02:54:00 | | | | * Track near disk center for EIS, SOT QS obs, and joint XRT-AIA full disk for 15 min. Drive-t | | | | | | |
| 04/10 09:00:18 - 04/10 18:00:16 | Track (878.9, 226.1) | Ⓜ 04/10 09:00:00 | | | | # Resume tracking AR 11061. | | | | | | |
| 04/10 18:10:18 - 04/11 06:12:16 | Fixed (900.0, 220.0) | | | | | # Cont. | | | | | | |
| Open/Ti-poly | Open/thick-AI | close | Safe | Norm | 8ms | Obs | 8x8 | | | Q=50 | 30sec | |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

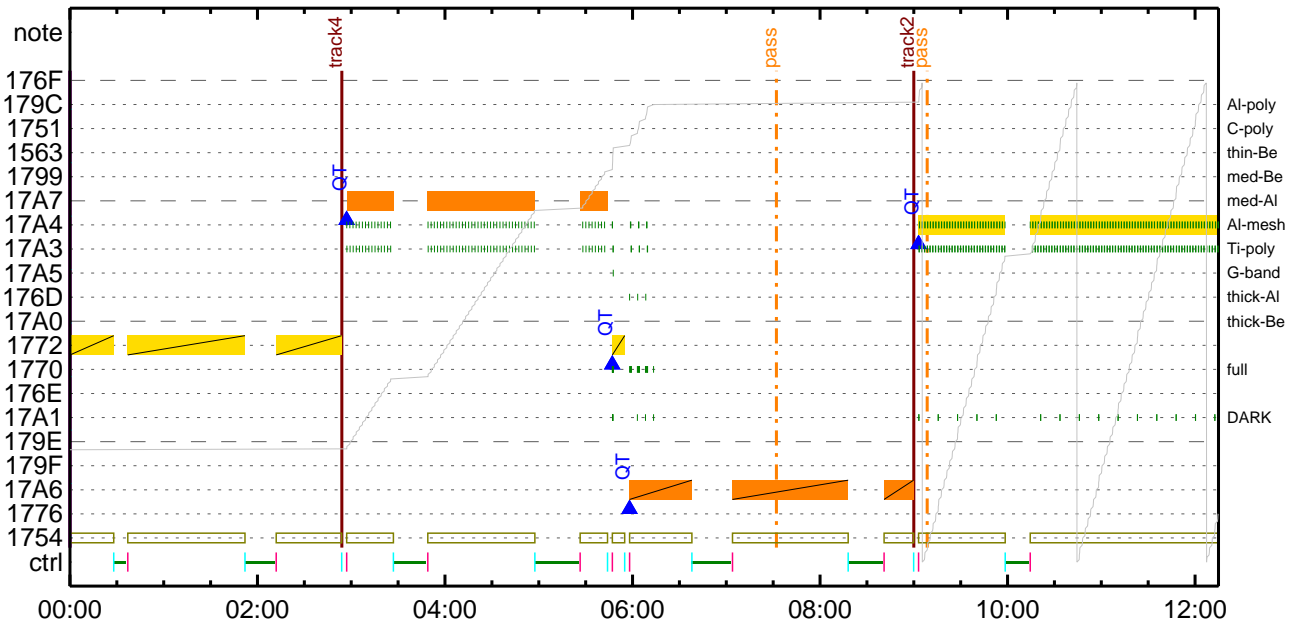
CMDI #0200 2010/04/09



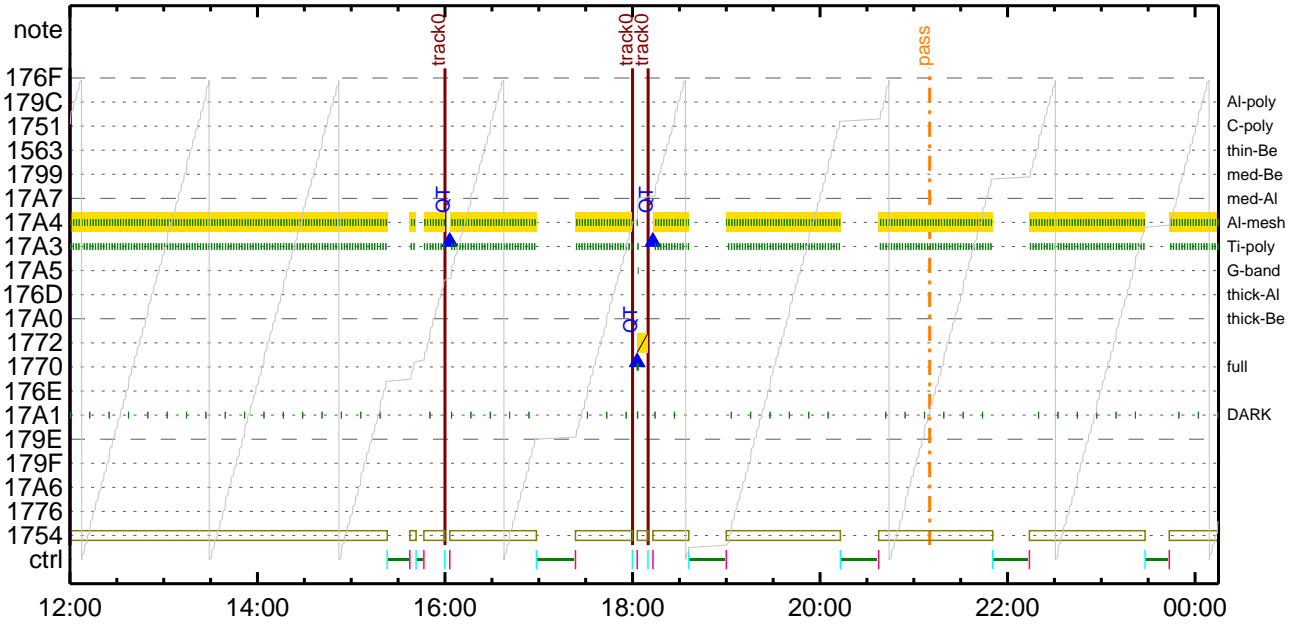
CMDI #0200 2010/04/09



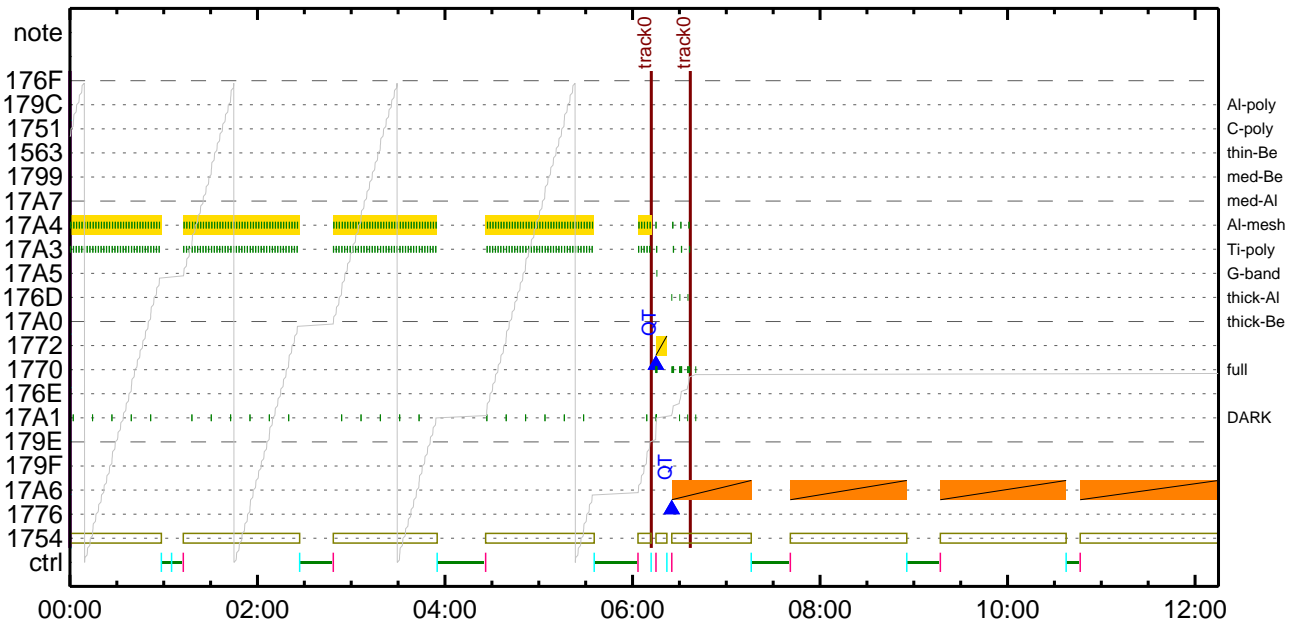
CMDI #0200 2010/04/10



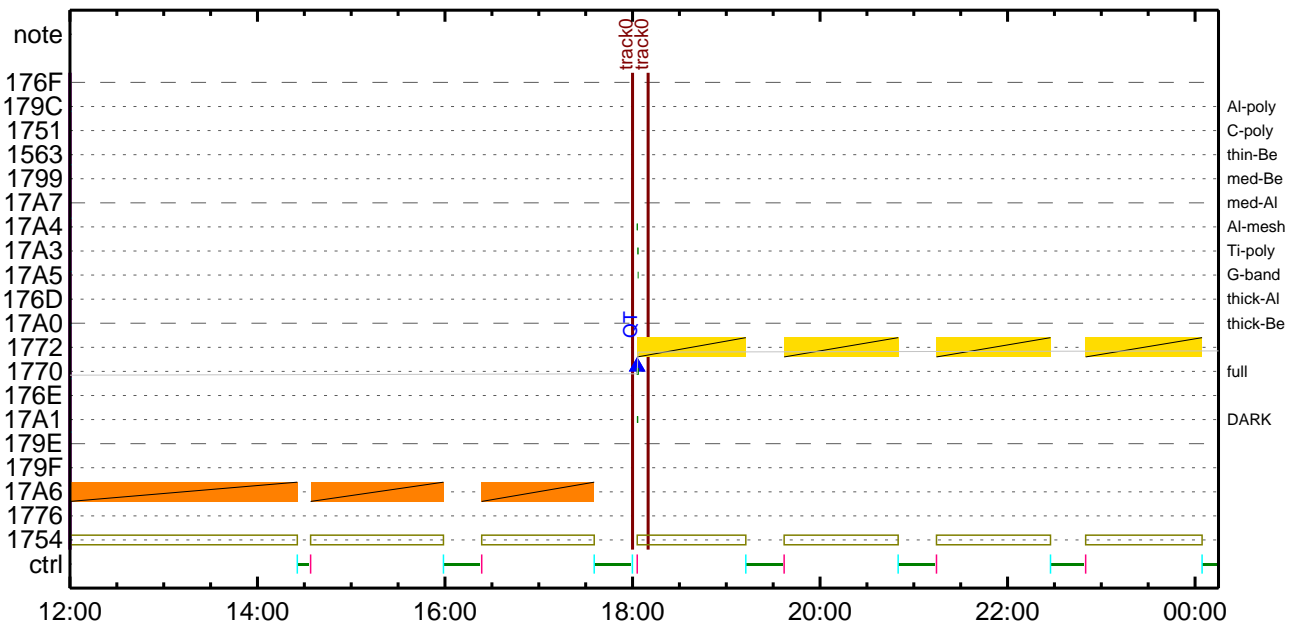
CMDI #0200 2010/04/10



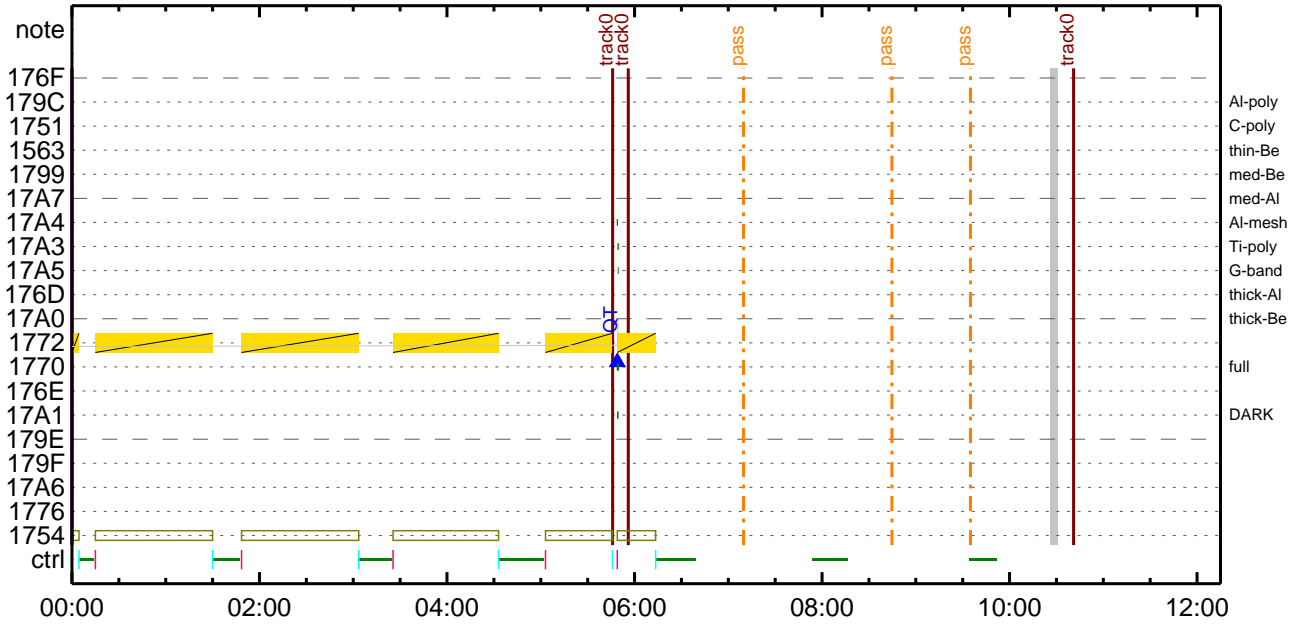
CMDI #0200 2010/04/11



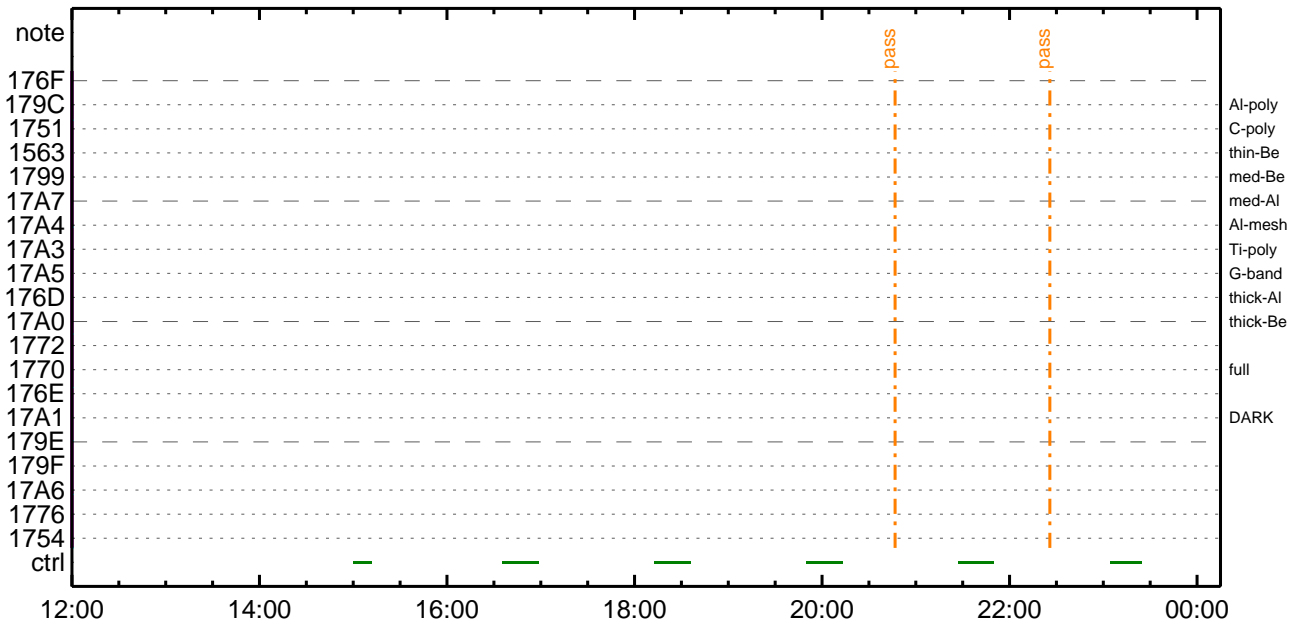
CMDI #0200 2010/04/11



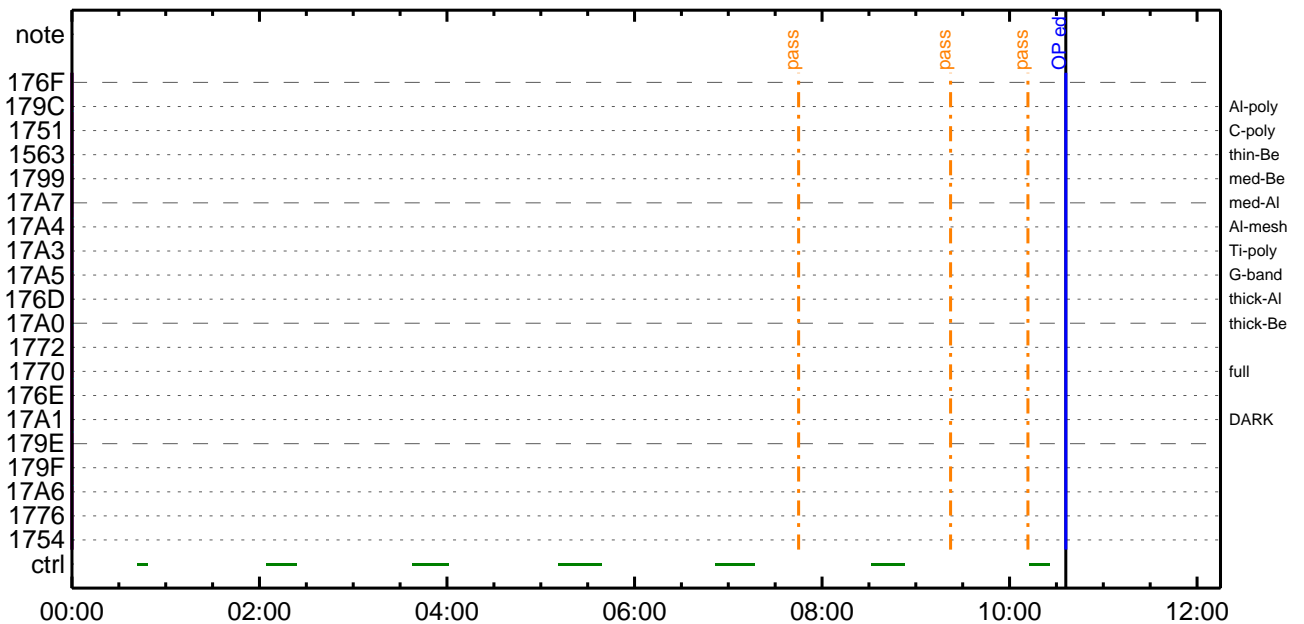
CMDI #0200 2010/04/12



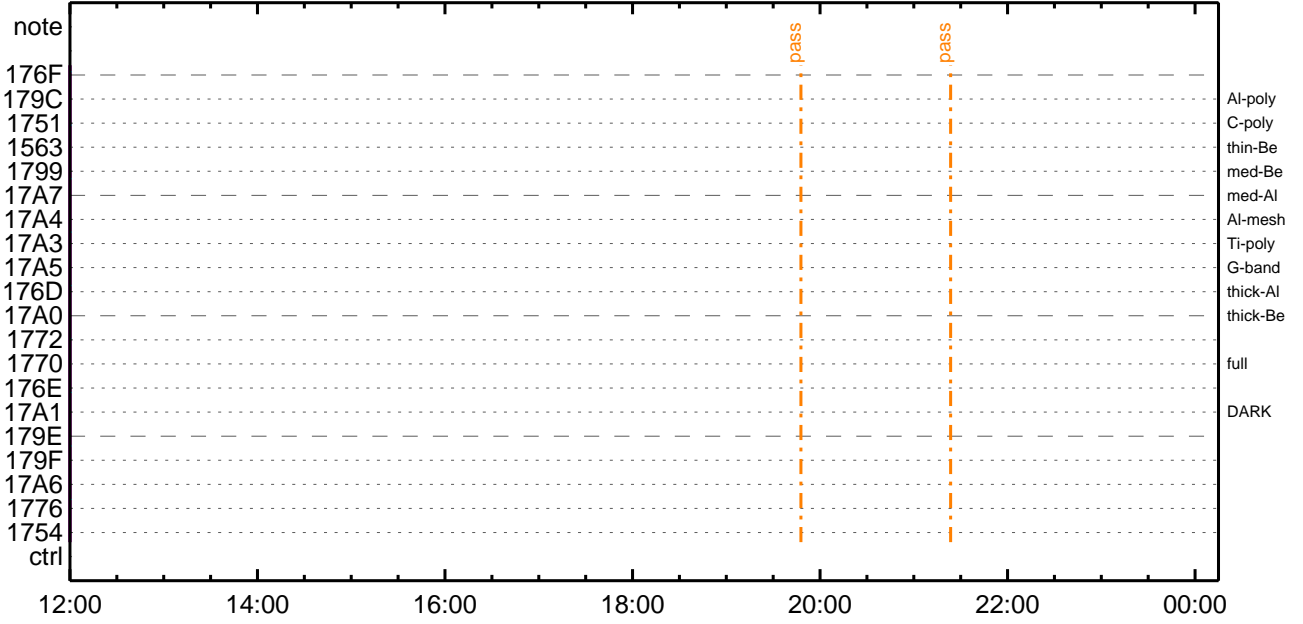
CMDI #0200 2010/04/12



CMDI #0200 2010/04/13



CMDI #0200 2010/04/13




```
0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥D¥!•İ Daily±;İÑøĒ'Øα¹αēDCBC•x²è *****
0198 . S. DC-BC dcbc-153:DCBC
0199 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0200 C.
0201 C.
0202 . C. ;ãLOS¥Á¥S¥Ã¥~¼Â»Ü;ä
0203 C.
0204 . C. ***** LOS *****
0205 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-288 2010-04-09 14:27:53 82 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY~¼Á»Û;ã
0005 C.
0006 C. YÀYB;¼Y³YFYOYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;È¿µÁµ°È»Í×ÁÇµÍYçYÁY×Yí;¼YÉ;ÈÈ%µ•íÉ;ÈÈ%°ÇÔµ•µ¿¼í¹çµÍ;çÀ®, ù¹µèµµµÇÁ+¿®µ•µÈµµµ³µÈ;f
0011 +. DC 02-8E AOCS_ORB_UPD
0012 C.
0013 C.
0014 . C. ***** AOCS Commands (Tracking Curve Upload) *****
0015 C. Upload the Orbit Element and the Target Attitude
0016 C. RAM-ID:TARGET_ATT
0017 . S. RAM ram-150:TARGET_ATT
0018 ( )
0019 C.
0020 C.
0021 C. Set the dump memory area of TARGET_ATT
0022 +. DC 02-48 AOCS_DUMP_SET
0023 BC (07 00 00 00 18 00)
0024 C.
0025 C. <A_STs1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0026 C.
0027 C.
0028 C. Change the TLMFormatNo for the AOCS Dump Format
0029 +. DC 01-22 DHU_MODE_CHNG
0030 BC (04 0b f8)
0031 C.
0032 C. Wait for AOCS DUMP to end
0033 C.
0034 . C. Check the dump memory
0035 C.
0036 C. Result = OK [ ]
0037 C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039 BC (02 0a f8)
0040 C.
0041 C. <A_***>[TLM STS] FMT = 2 [ ]
0042 C.
0043 +. DC 02-8E AOCS_ORB_UPD
0044 . C.
0045 C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0046 +. DC 07-FC EIS_MODE_MANU
0047 BC (21 02)
0048 . C. Verify EIS in MANUAL mode
0049 . C. Estimated OBSTBL upload time is 12s
0050 C. *****
0051 C. EIS START OBSTBL LOAD
0052 C. *****
0053 . S. RAM ram-820:EIS_OBSTBL
0054 ( )
0055 +. DC 07-FC EIS_DUMP_OBSTBL
0056 BC (07 07 07 00 00 70 00)
0057 C.
0058 C. Execute, after the success of OBSTBL upload.
0059 C. Set EIS TI-commands
0060 +. TI 2010-04-09 10:16:50.0
0061 DC 07-FC EIS_MODE_CHG_ENA
0062 BC (20)
0063 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0064 C. *****
0065 C. EIS END OBSTBL LOAD
0066 C. *****
0067 C.
0068 . C. ***** MDP `ûÁîîî»ó%YµÈÁµ¹µèDCBC•x²è *****
0069 C. (%á°íYÓYÁYÈYÈYÈYáYçYèµÈ%¼µ¼Á»Ûµ¹µè)
0070 . S. DC-BC dcbc-402:DCBC
0071 (MDP_known_event)
0072 C.
0073 C.
0074 . C. ***** YDY¹.İ Daily±;İÑµÈ`Øµ¹µèDCBC•x²è *****
0075 . S. DC-BC dcbc-153:DCBC
0076 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0077 C.
0078 C.
0079 . C. ;ãLOSÁY$YÁY~¼Á»Û;ã
0080 C.
0081 . C. ***** LOS *****
0082 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```

main-289 2010-04-09 14:27:53 118 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÄY~¼Ä»Û;ã
0005 C.
0006 C. YÀYß;¼Y³YFÝÖYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;Èª¿ªAb•µ°Æ»Í×ÁÇªíYçYÄY×Yí;¼YÉ;ÈÈèµ•ííÉ;ÈªÈ¼°ÇÖª•ª¿¼l¹çªí;çÄ®, ùª¹ªèªªªÇÁ+¿®ª•ªÈªªªªªÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. SOT table upload
0016 C. *****
0017 . C. < Stop FG table >
0018 +. DC 07-F0 MDP_FG_CTRL_MANU
0019 BC (51)
0020 . C. -----
0021 C. MDP_FG_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload FG Observation Table>
0025 . S. RAM ram-262:MDP_OBS_F
0026 ()
0027 C.
0028 . C. < Dump RAMID=MDP_OBS_F >
0029 +. DC 07-F0 MDP_DUMP_FGTBL
0030 BC (82 07 00 00 00 38 b8)
0031 C. -----
0032 C. MDP_OBS_F verify = OK/NG [ ]
0033 C. -----
0034 C.
0035 C. *****
0036 C. SOT TI command set
0037 C. *****
0038 C. Execute, after the success of TBL upload.
0039 +. TI 2010-04-09 10:16:18.0
0040 DC 07-F0 MDP_SOT_MODE_OBSV
0041 BC (40)
0042 . C. -----
0043 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0044 C. -----
0045 C.
0046 C.
0047 C. ***** XRT START *****
0048 C.
0049 +. DC 07-F0 MDP_XRT_CTRL_MANU
0050 BC (c1)
0051 + DC 07-F0 MDP_XRT_MODE_STBY
0052 BC (c3)
0053 . C. ----- Success Verify ? OK / NG____
0054 C.
0055 C. XRT Obs. Table Upload
0056 . S. RAM ram-291:MDP_OBS_X
0057 ()
0058 C.
0059 +. DC 07-F0 MDP_DUMP_XRTTBL
0060 BC (84 07 00 00 00 3a d4)
0061 . C. ----- Comparison Check ? OK / ERR ____
0062 C.
0063 C.
0064 +. DC 07-F0 MDP_XRT_ROI_SET
0065 BC (cd 01 b1 b1 04 04)
0066 + DC 07-F0 MDP_XRT_ROI_SET
0067 BC (cd 02 b1 b1 08 08)
0068 + DC 07-F0 MDP_XRT_ROI_SET
0069 BC (cd 03 b1 b1 08 08)
0070 + DC 07-F0 MDP_XRT_ROI_SET
0071 BC (cd 04 b1 b1 06 06)
0072 + DC 07-F0 MDP_XRT_ROI_SET
0073 BC (cd 06 80 80 06 06)
0074 + DC 07-F0 MDP_XRT_ROI_SET
0075 BC (cd 07 80 80 08 08)
0076 + DC 07-F0 MDP_XRT_ROI_SET
0077 BC (cd 08 80 80 20 20)
0078 + DC 07-F0 MDP_XRT_ROI_SET
0079 BC (cd 09 80 80 20 08)
0080 + DC 07-F0 MDP_XRT_ROI_SET
0081 BC (cd 0a 80 80 08 20)
0082 + DC 07-F0 MDP_XRT_ROI_SET
0083 BC (cd 0b 85 83 06 06)
0084 + DC 07-F0 MDP_XRT_ROI_SET
0085 BC (cd 0f 80 80 06 06)
0086 + DC 07-F0 MDP_XRT_ROI_SET
0087 BC (cd 10 80 80 04 04)
0088 + DC 07-F0 MDP_XRT_AEC_RESET
0089 BC (d0)
0090 . C. ----- Success Verify ? OK / NG ____
0091 C.
0092 C.
0093 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0094 C.
0095 +. DC 07-F0 MDP_XRT_MODE_OBSV

```

```
0096 BC (c2)
0097 +. TI 2010-04-09 10:16:02.0
0098 DC 07-F0 MDP_XRT_MODE_OBSV
0099 BC (c2)
0100 . C. ----- Success Verify ? OK / NG ____
0101 C.
0102 C. ***** XRT END *****
0103 C.
0104 . C. ***** MDP 'úÃîâî»ô¼ÝðËÂð¹ñèDCBC•x²è *****
0105 C. (¼ã°îÝÔÝÃÝËÝÞÝËÝáÝçÝèñÈ¼ñ¼Ã»Ûñ¹ñè)
0106 . S. DC-BC dcbc-402:DCBC
0107 (MDP_known_event)
0108 C.
0109 C.
0110 . C. ***** ÝÐÝ¹•İ Daily±¿İÑñË´Øñ¹ñèDCBC•x²è *****
0111 . S. DC-BC dcbc-153:DCBC
0112 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0113 C.
0114 C.
0115 . C. ;ãLOSÝÁÝ$ÝÃÝ~¼Ã»Û;ã
0116 C.
0117 . C. ***** LOS *****
0118 C.
```

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*** OP Sequence for XRT ***

| | | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|
| 2010/04/09 | 10:26:54.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2010/04/09 | 10:26:56.0 | XRT_FOCUS_POSITION_401_OG [0x191] | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | |
| 2010/04/09 | 10:27:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | | | |
| 2010/04/09 | 10:27:16.0 | XRT_AEC_RESET_428_OG [0x1ac] | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2010/04/09 | 10:27:18.0 | XRT_FLD_ENA_402_OG [0x192] | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2010/04/09 | 10:27:20.0 | XRT_FLD_RESET_403_OG [0x193] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2010/04/09 | 10:27:22.0 | XRT_FLRCTRL_DIS_414_OG [0x19e] | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | |
| 2010/04/09 | 10:27:24.0 | XRT_ARS_DIS_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2010/04/09 | 10:30:02.0 | XRT_QT_PROG_SET_443_OG [0x1bb] | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0e | | | |
| 2010/04/09 | 10:30:04.5 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2010/04/09 | 14:47:30.0 | XRT_CTRL_MANU_409_OG [0x199] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2010/04/09 | 14:58:00.0 | XRT_Custom_410_OG [0x19a] | | | | | | |
| 2010/04/09 | 14:59:00.0 | XRT_CTRL_AUTO_411_OG [0x19b] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2010/04/09 | 16:22:00.0 | XRT_CTRL_MANU_409_OG [0x199] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2010/04/09 | 16:46:00.0 | XRT_Custom_410_OG [0x19a] | | | | | | |
| 2010/04/09 | 16:47:00.0 | XRT_CTRL_AUTO_411_OG [0x19b] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2010/04/09 | 17:59:00.0 | XRT_CTRL_MANU_409_OG [0x199] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2010/04/09 | 18:22:24.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2010/04/09 | 18:22:26.0 | XRT_FOCUS_POSITION_412_OG [0x19c] | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | |
| 2010/04/09 | 18:22:30.5 | AOCS_Ore-point_Start_2_OG [0x098] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | |
| 2010/04/09 | 18:22:46.0 | XRT_FLD_DIS_413_OG [0x19d] | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | |
| 2010/04/09 | 18:22:48.0 | XRT_FLRCTRL_DIS_414_OG [0x19e] | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | |
| 2010/04/09 | 18:22:50.0 | XRT_ARS_DIS_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2010/04/09 | 18:25:28.0 | XRT_QT_PROG_SET_430_OG [0x1ae] | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09 | | | |
| 2010/04/09 | 18:25:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2010/04/09 | 18:32:30.0 | AOCS_Ore-point_Start_1_OG [0x097] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | | | |
| 2010/04/09 | 19:36:00.0 | XRT_CTRL_MANU_409_OG [0x199] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2010/04/09 | 19:59:30.0 | XRT_Custom_410_OG [0x19a] | | | | | | |
| 2010/04/09 | 20:00:30.0 | XRT_CTRL_AUTO_411_OG [0x19b] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2010/04/09 | 21:13:30.0 | XRT_CTRL_MANU_409_OG [0x199] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2010/04/09 | 21:36:30.0 | XRT_Custom_410_OG [0x19a] | | | | | | |
| 2010/04/09 | 21:37:30.0 | XRT_CTRL_AUTO_411_OG [0x19b] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2010/04/09 | 22:51:00.0 | XRT_CTRL_MANU_409_OG [0x199] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2010/04/09 | 23:11:30.0 | XRT_Custom_410_OG [0x19a] | | | | | | |
| 2010/04/09 | 23:12:30.0 | XRT_CTRL_AUTO_411_OG [0x19b] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2010/04/10 | 00:28:00.0 | XRT_CTRL_MANU_409_OG [0x199] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2010/04/10 | 00:36:00.0 | XRT_Custom_410_OG [0x19a] | | | | | | |
| 2010/04/10 | 00:37:00.0 | XRT_CTRL_AUTO_411_OG [0x19b] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2010/04/10 | 01:52:00.0 | XRT_CTRL_MANU_409_OG [0x199] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2010/04/10 | 02:11:00.0 | XRT_Custom_410_OG [0x19a] | | | | | | |
| 2010/04/10 | 02:12:00.0 | XRT_CTRL_AUTO_411_OG [0x19b] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2010/04/10 | 02:53:54.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2010/04/10 | 02:53:56.0 | XRT_FOCUS_POSITION_401_OG [0x191] | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | |
| 2010/04/10 | 02:54:00.0 | AOCS_Ore-point_Start_3_OG [0x099] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 00 00 00 00 | | | |
| 2010/04/10 | 02:54:16.0 | XRT_AEC_RESET_428_OG [0x1ac] | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2010/04/10 | 02:54:18.0 | XRT_FLD_ENA_402_OG [0x192] | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2010/04/10 | 02:54:20.0 | XRT_FLD_RESET_403_OG [0x193] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2010/04/10 | 02:54:22.0 | XRT_FLRCTRL_DIS_414_OG [0x19e] | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | |
| 2010/04/10 | 02:54:24.0 | XRT_ARS_DIS_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |

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| | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----|-------------|--|
| 2010/04/10 | 02:57:02.0 | XRT_QT_PROG_SET_438_OG [0x1b6] | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0f | |
| 2010/04/10 | 02:57:05.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2010/04/10 | 03:27:00.0 | XRT_CTRL_MANU_409_OG [0x199] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2010/04/10 | 03:48:00.0 | XRT_Custom_410_OG [0x19a] | | | | | |
| 2010/04/10 | 03:49:00.0 | XRT_CTRL_AUTO_411_OG [0x19b] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2010/04/10 | 04:57:30.0 | XRT_CTRL_MANU_409_OG [0x199] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2010/04/10 | 05:25:30.0 | XRT_Custom_410_OG [0x19a] | | | | | |
| 2010/04/10 | 05:26:30.0 | XRT_CTRL_AUTO_411_OG [0x19b] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2010/04/10 | 05:44:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2010/04/10 | 05:44:02.0 | XRT_FOCUS_POSITION_412_OG [0x19c] | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff aa 00 | |
| 2010/04/10 | 05:44:22.0 | XRT_FLD_DIS_413_OG [0x19d] | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | |
| 2010/04/10 | 05:44:24.0 | XRT_FLRCTRL_DIS_414_OG [0x19e] | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | |
| 2010/04/10 | 05:44:26.0 | XRT_ARS_DIS_415_OG [0x19f] | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2010/04/10 | 05:47:04.0 | XRT_QT_PROG_SET_430_OG [0x1ae] | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 09 | |
| 2010/04/10 | 05:47:06.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2010/04/10 | 05:55:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2010/04/10 | 05:55:02.0 | XRT_FOCUS_POSITION_412_OG [0x19c] | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff aa 00 | |
| 2010/04/10 | 05:55:22.0 | XRT_AEC_RESET_428_OG [0x1ac] | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2010/04/10 | 05:55:24.0 | XRT_FLD_DIS_413_OG [0x19d] | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | |
| 2010/04/10 | 05:55:26.0 | XRT_FLRCTRL_DIS_414_OG [0x19e] | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | |
| 2010/04/10 | 05:55:28.0 | XRT_ARS_DIS_415_OG [0x19f] | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2010/04/10 | 05:58:06.0 | XRT_QT_PROG_SET_418_OG [0x1a2] | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 03 | |
| 2010/04/10 | 05:58:08.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2010/04/10 | 06:38:00.0 | XRT_CTRL_MANU_409_OG [0x199] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2010/04/10 | 07:03:00.0 | XRT_Custom_410_OG [0x19a] | | | | | |
| 2010/04/10 | 07:04:00.0 | XRT_CTRL_AUTO_411_OG [0x19b] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2010/04/10 | 08:18:00.0 | XRT_CTRL_MANU_409_OG [0x199] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2010/04/10 | 08:40:00.0 | XRT_Custom_410_OG [0x19a] | | | | | |
| 2010/04/10 | 08:41:00.0 | XRT_CTRL_AUTO_411_OG [0x19b] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2010/04/10 | 08:59:54.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2010/04/10 | 08:59:56.0 | XRT_FOCUS_POSITION_401_OG [0x191] | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe 97 00 | |
| 2010/04/10 | 09:00:00.0 | AOCs_OrE-point_Start_1_OG [0x097] | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 | 00 00 00 00 | |
| 2010/04/10 | 09:00:16.0 | XRT_AEC_RESET_428_OG [0x1ac] | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2010/04/10 | 09:00:18.0 | XRT_FLD_ENA_402_OG [0x192] | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2010/04/10 | 09:00:20.0 | XRT_FLD_RESET_403_OG [0x193] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2010/04/10 | 09:00:22.0 | XRT_FLRCTRL_DIS_414_OG [0x19e] | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | |
| 2010/04/10 | 09:00:24.0 | XRT_ARS_DIS_415_OG [0x19f] | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2010/04/10 | 09:03:02.0 | XRT_QT_PROG_SET_443_OG [0x1bb] | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0e | |
| 2010/04/10 | 09:03:04.5 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2010/04/10 | 09:58:30.0 | XRT_CTRL_MANU_409_OG [0x199] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2010/04/10 | 10:13:30.0 | XRT_Custom_410_OG [0x19a] | | | | | |
| 2010/04/10 | 10:14:30.0 | XRT_CTRL_AUTO_411_OG [0x19b] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2010/04/10 | 15:23:00.0 | XRT_CTRL_MANU_409_OG [0x199] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2010/04/10 | 15:36:30.0 | XRT_Custom_410_OG [0x19a] | | | | | |
| 2010/04/10 | 15:37:30.0 | XRT_CTRL_AUTO_411_OG [0x19b] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2010/04/10 | 15:41:30.0 | XRT_CTRL_MANU_409_OG [0x199] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2010/04/10 | 15:45:30.0 | XRT_Custom_410_OG [0x19a] | | | | | |
| 2010/04/10 | 15:46:30.0 | XRT_CTRL_AUTO_411_OG [0x19b] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2010/04/10 | 15:59:54.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2010/04/10 | 15:59:56.0 | XRT_FOCUS_POSITION_401_OG [0x191] | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe 97 00 | |

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| | | | | | | | | | |
|------------|------------|---|---|-------|----|----|----|----|----|
| 2010/04/10 | 16:00:00.0 | AOCS_ORe-point_Start_4_OG [0x09a] AOCU_NM | 5 | 02-76 | 00 | ec | 73 | b0 | 00 |
| 2010/04/10 | 16:00:16.0 | XRT_AEC_RESET_428_OG [0x1ac] MDP_XRT_AEC_RESET | 1 | 07-F0 | | d0 | | | |
| 2010/04/10 | 16:00:18.0 | XRT_FLD_ENA_402_OG [0x192] MDP_XRT_FLD_ENA | 1 | 07-F0 | | d8 | | | |
| 2010/04/10 | 16:00:20.0 | XRT_FLD_RESET_403_OG [0x193] MDP_XRT_FLD_RESET | 1 | 07-F0 | | da | | | |
| 2010/04/10 | 16:00:22.0 | XRT_FLRCTRL_DIS_414_OG [0x19e] MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | | c9 | | | |
| 2010/04/10 | 16:00:24.0 | XRT_ARS_DIS_415_OG [0x19f] MDP_XRT_ARS_DIS | 1 | 07-F0 | | d5 | | | |
| 2010/04/10 | 16:03:02.0 | XRT_QT_PROG_SET_443_OG [0x1bb] MDP_XRT_QT_PROG_SET | 2 | 07-F0 | | c4 | 0e | | |
| 2010/04/10 | 16:03:05.0 | XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | c0 | | | |
| 2010/04/10 | 16:58:30.0 | XRT_CTRL_MANU_409_OG [0x199] MDP_XRT_CTRL_MANU | 1 | 07-F0 | | c1 | | | |
| 2010/04/10 | 17:22:30.0 | XRT_Custom_410_OG [0x19a] | | | | | | | |
| 2010/04/10 | 17:23:30.5 | XRT_CTRL_AUTO_411_OG [0x19b] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | c0 | | | |
| 2010/04/10 | 17:59:54.0 | XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU | 1 | 07-F0 | | c1 | | | |
| 2010/04/10 | 17:59:56.0 | XRT_FOCUS_POSITION_412_OG [0x19c] XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2010/04/10 | 18:00:00.0 | AOCS_ORe-point_Start_2_OG [0x098] AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| 2010/04/10 | 18:00:16.0 | XRT_FLD_DIS_413_OG [0x19d] MDP_XRT_FLD_DIS | 1 | 07-F0 | | d9 | | | |
| 2010/04/10 | 18:00:18.0 | XRT_FLRCTRL_DIS_414_OG [0x19e] MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | | c9 | | | |
| 2010/04/10 | 18:00:20.0 | XRT_ARS_DIS_415_OG [0x19f] MDP_XRT_ARS_DIS | 1 | 07-F0 | | d5 | | | |
| 2010/04/10 | 18:02:58.0 | XRT_QT_PROG_SET_430_OG [0x1ae] MDP_XRT_QT_PROG_SET | 2 | 07-F0 | | c4 | 09 | | |
| 2010/04/10 | 18:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | c0 | | | |
| 2010/04/10 | 18:09:54.0 | XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU | 1 | 07-F0 | | c1 | | | |
| 2010/04/10 | 18:09:56.0 | XRT_FOCUS_POSITION_401_OG [0x191] XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2010/04/10 | 18:10:00.0 | AOCS_ORe-point_Start_4_OG [0x09a] AOCU_NM | 5 | 02-76 | 00 | ec | 73 | b0 | 00 |
| 2010/04/10 | 18:10:16.0 | XRT_AEC_RESET_428_OG [0x1ac] MDP_XRT_AEC_RESET | 1 | 07-F0 | | d0 | | | |
| 2010/04/10 | 18:10:18.0 | XRT_FLD_ENA_402_OG [0x192] MDP_XRT_FLD_ENA | 1 | 07-F0 | | d8 | | | |
| 2010/04/10 | 18:10:20.0 | XRT_FLD_RESET_403_OG [0x193] MDP_XRT_FLD_RESET | 1 | 07-F0 | | da | | | |
| 2010/04/10 | 18:10:22.0 | XRT_FLRCTRL_DIS_414_OG [0x19e] MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | | c9 | | | |
| 2010/04/10 | 18:10:24.0 | XRT_ARS_DIS_415_OG [0x19f] MDP_XRT_ARS_DIS | 1 | 07-F0 | | d5 | | | |
| 2010/04/10 | 18:13:02.0 | XRT_QT_PROG_SET_443_OG [0x1bb] MDP_XRT_QT_PROG_SET | 2 | 07-F0 | | c4 | 0e | | |
| 2010/04/10 | 18:13:04.5 | XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | c0 | | | |
| 2010/04/10 | 18:36:00.0 | XRT_CTRL_MANU_409_OG [0x199] MDP_XRT_CTRL_MANU | 1 | 07-F0 | | c1 | | | |
| 2010/04/10 | 18:59:00.0 | XRT_Custom_410_OG [0x19a] | | | | | | | |
| 2010/04/10 | 19:00:00.0 | XRT_CTRL_AUTO_411_OG [0x19b] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | c0 | | | |
| 2010/04/10 | 20:13:00.0 | XRT_CTRL_MANU_409_OG [0x199] MDP_XRT_CTRL_MANU | 1 | 07-F0 | | c1 | | | |
| 2010/04/10 | 20:36:30.0 | XRT_Custom_410_OG [0x19a] | | | | | | | |
| 2010/04/10 | 20:37:30.0 | XRT_CTRL_AUTO_411_OG [0x19b] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | c0 | | | |
| 2010/04/10 | 21:50:30.0 | XRT_CTRL_MANU_409_OG [0x199] MDP_XRT_CTRL_MANU | 1 | 07-F0 | | c1 | | | |
| 2010/04/10 | 22:13:00.0 | XRT_Custom_410_OG [0x19a] | | | | | | | |
| 2010/04/10 | 22:14:00.0 | XRT_CTRL_AUTO_411_OG [0x19b] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | c0 | | | |
| 2010/04/10 | 23:28:00.0 | XRT_CTRL_MANU_409_OG [0x199] MDP_XRT_CTRL_MANU | 1 | 07-F0 | | c1 | | | |
| 2010/04/10 | 23:42:30.0 | XRT_Custom_410_OG [0x19a] | | | | | | | |
| 2010/04/10 | 23:43:30.0 | XRT_CTRL_AUTO_411_OG [0x19b] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | c0 | | | |
| 2010/04/11 | 00:58:30.0 | XRT_CTRL_MANU_409_OG [0x199] MDP_XRT_CTRL_MANU | 1 | 07-F0 | | c1 | | | |
| 2010/04/11 | 01:05:00.0 | XRT_CTRL_MANU_409_OG [0x199] MDP_XRT_CTRL_MANU | 1 | 07-F0 | | c1 | | | |
| 2010/04/11 | 01:11:30.0 | XRT_Custom_410_OG [0x19a] | | | | | | | |
| 2010/04/11 | 01:12:30.0 | XRT_CTRL_AUTO_411_OG [0x19b] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | c0 | | | |
| 2010/04/11 | 02:27:00.0 | XRT_CTRL_MANU_409_OG [0x199] MDP_XRT_CTRL_MANU | 1 | 07-F0 | | c1 | | | |
| 2010/04/11 | 02:47:30.0 | XRT_Custom_410_OG [0x19a] | | | | | | | |
| 2010/04/11 | 02:48:30.0 | XRT_CTRL_AUTO_411_OG [0x19b] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | c0 | | | |
| 2010/04/11 | 03:55:00.0 | XRT_CTRL_MANU_409_OG [0x199] MDP_XRT_CTRL_MANU | 1 | 07-F0 | | c1 | | | |
| 2010/04/11 | 04:25:00.0 | XRT_Custom_410_OG [0x19a] | | | | | | | |
| 2010/04/11 | 04:26:00.0 | XRT_CTRL_AUTO_411_OG [0x19b] | | | | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|-------------|-------|--|--|--|
| 2010/04/11 | 05:35:30.0 | XRT_CTRL_MANU_409_OG [0x199] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2010/04/11 | 06:02:30.0 | XRT_Custom_410_OG [0x19a] | | | | | | | | |
| 2010/04/11 | 06:03:30.0 | XRT_CTRL_AUTO_411_OG [0x19b] | | | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2010/04/11 | 06:11:54.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2010/04/11 | 06:11:56.0 | XRT_FOCUS_POSITION_412_OG [0x19c] | | | | | | | | |
| | | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa | 00 | | | |
| 2010/04/11 | 06:12:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | | | |
| | | | AOCU_NM | 5 | 02-76 | 00 00 00 00 | 00 00 | | | |
| 2010/04/11 | 06:12:16.0 | XRT_FLD_DIS_413_OG [0x19d] | | | | | | | | |
| | | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2010/04/11 | 06:12:18.0 | XRT_FLRCTRL_DIS_414_OG [0x19e] | | | | | | | | |
| | | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2010/04/11 | 06:12:20.0 | XRT_ARS_DIS_415_OG [0x19f] | | | | | | | | |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2010/04/11 | 06:14:58.0 | XRT_QT_PROG_SET_430_OG [0x1ae] | | | | | | | | |
| | | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09 | | | | |
| 2010/04/11 | 06:15:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2010/04/11 | 06:22:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2010/04/11 | 06:22:02.0 | XRT_FOCUS_POSITION_412_OG [0x19c] | | | | | | | | |
| | | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa | 00 | | | |
| 2010/04/11 | 06:22:22.0 | XRT_AEC_RESET_428_OG [0x1ac] | | | | | | | | |
| | | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2010/04/11 | 06:22:24.0 | XRT_FLD_DIS_413_OG [0x19d] | | | | | | | | |
| | | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2010/04/11 | 06:22:26.0 | XRT_FLRCTRL_DIS_414_OG [0x19e] | | | | | | | | |
| | | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2010/04/11 | 06:22:28.0 | XRT_ARS_DIS_415_OG [0x19f] | | | | | | | | |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2010/04/11 | 06:25:06.0 | XRT_QT_PROG_SET_418_OG [0x1a2] | | | | | | | | |
| | | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | | | | |
| 2010/04/11 | 06:25:08.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2010/04/11 | 06:37:00.0 | AOCS_ORe-point_Start_4_OG [0x09a] | | | | | | | | |
| | | | AOCU_NM | 5 | 02-76 | 00 ec 73 b0 | 00 | | | |
| 2010/04/11 | 07:16:00.0 | XRT_CTRL_MANU_409_OG [0x199] | | | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2010/04/11 | 07:40:00.0 | XRT_Custom_410_OG [0x19a] | | | | | | | | |
| 2010/04/11 | 07:41:00.0 | XRT_CTRL_AUTO_411_OG [0x19b] | | | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2010/04/11 | 08:55:30.0 | XRT_CTRL_MANU_409_OG [0x199] | | | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2010/04/11 | 09:16:00.0 | XRT_Custom_410_OG [0x19a] | | | | | | | | |
| 2010/04/11 | 09:17:00.0 | XRT_CTRL_AUTO_411_OG [0x19b] | | | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2010/04/11 | 10:37:30.0 | XRT_CTRL_MANU_409_OG [0x199] | | | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2010/04/11 | 10:45:30.0 | XRT_Custom_410_OG [0x19a] | | | | | | | | |
| 2010/04/11 | 10:46:30.0 | XRT_CTRL_AUTO_411_OG [0x19b] | | | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2010/04/11 | 14:25:30.0 | XRT_CTRL_MANU_409_OG [0x199] | | | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2010/04/11 | 14:33:00.0 | XRT_Custom_410_OG [0x19a] | | | | | | | | |
| 2010/04/11 | 14:34:00.0 | XRT_CTRL_AUTO_411_OG [0x19b] | | | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2010/04/11 | 15:59:00.0 | XRT_CTRL_MANU_409_OG [0x199] | | | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2010/04/11 | 16:22:30.0 | XRT_Custom_410_OG [0x19a] | | | | | | | | |
| 2010/04/11 | 16:23:30.0 | XRT_CTRL_AUTO_411_OG [0x19b] | | | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2010/04/11 | 17:35:30.0 | XRT_CTRL_MANU_409_OG [0x199] | | | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2010/04/11 | 17:59:54.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2010/04/11 | 17:59:56.0 | XRT_FOCUS_POSITION_412_OG [0x19c] | | | | | | | | |
| | | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa | 00 | | | |
| 2010/04/11 | 18:00:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | | | |
| | | | AOCU_NM | 5 | 02-76 | 00 00 00 00 | 00 00 | | | |
| 2010/04/11 | 18:00:16.0 | XRT_FLD_DIS_413_OG [0x19d] | | | | | | | | |
| | | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2010/04/11 | 18:00:18.0 | XRT_FLRCTRL_DIS_414_OG [0x19e] | | | | | | | | |
| | | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2010/04/11 | 18:00:20.0 | XRT_ARS_DIS_415_OG [0x19f] | | | | | | | | |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2010/04/11 | 18:02:58.0 | XRT_QT_PROG_SET_430_OG [0x1ae] | | | | | | | | |
| | | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09 | | | | |
| 2010/04/11 | 18:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2010/04/11 | 18:10:00.0 | AOCS_ORe-point_Start_4_OG [0x09a] | | | | | | | | |
| | | | AOCU_NM | 5 | 02-76 | 00 ec 73 b0 | 00 | | | |
| 2010/04/11 | 19:12:30.5 | XRT_CTRL_MANU_409_OG [0x199] | | | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2010/04/11 | 19:36:00.0 | XRT_Custom_410_OG [0x19a] | | | | | | | | |
| 2010/04/11 | 19:37:00.0 | XRT_CTRL_AUTO_411_OG [0x19b] | | | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2010/04/11 | 20:50:00.0 | XRT_CTRL_MANU_409_OG [0x199] | | | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2010/04/11 | 21:13:30.0 | XRT_Custom_410_OG [0x19a] | | | | | | | | |

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|------------|------------|---|---|-------|----------------|
| 2010/04/11 | 21:14:30.0 | XRT_CTRL_AUTO_411_OG [0x19b] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2010/04/11 | 22:27:30.0 | XRT_CTRL_MANU_409_OG [0x199] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2010/04/11 | 22:49:00.0 | XRT_Custom_410_OG [0x19a] | | | |
| 2010/04/11 | 22:50:00.0 | XRT_CTRL_AUTO_411_OG [0x19b] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2010/04/12 | 00:04:30.0 | XRT_CTRL_MANU_409_OG [0x199] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2010/04/12 | 00:14:00.0 | XRT_Custom_410_OG [0x19a] | | | |
| 2010/04/12 | 00:15:00.0 | XRT_CTRL_AUTO_411_OG [0x19b] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2010/04/12 | 01:30:00.0 | XRT_CTRL_MANU_409_OG [0x199] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2010/04/12 | 01:47:30.0 | XRT_Custom_410_OG [0x19a] | | | |
| 2010/04/12 | 01:48:30.0 | XRT_CTRL_AUTO_411_OG [0x19b] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2010/04/12 | 03:03:30.0 | XRT_CTRL_MANU_409_OG [0x199] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2010/04/12 | 03:24:30.0 | XRT_Custom_410_OG [0x19a] | | | |
| 2010/04/12 | 03:25:30.0 | XRT_CTRL_AUTO_411_OG [0x19b] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2010/04/12 | 04:33:00.0 | XRT_CTRL_MANU_409_OG [0x199] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2010/04/12 | 05:02:00.0 | XRT_Custom_410_OG [0x19a] | | | |
| 2010/04/12 | 05:03:00.0 | XRT_CTRL_AUTO_411_OG [0x19b] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2010/04/12 | 05:45:54.0 | XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2010/04/12 | 05:45:56.0 | XRT_FOCUS_POSITION_412_OG [0x19c] XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2010/04/12 | 05:46:00.0 | AOCS_ORe-point_Start_2_OG [0x098] AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2010/04/12 | 05:46:16.0 | XRT_FLD_DIS_413_OG [0x19d] MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2010/04/12 | 05:46:18.0 | XRT_FLRCTRL_DIS_414_OG [0x19e] MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2010/04/12 | 05:46:20.0 | XRT_ARS_DIS_415_OG [0x19f] MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2010/04/12 | 05:48:58.0 | XRT_QT_PROG_SET_430_OG [0x1ae] MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09 |
| 2010/04/12 | 05:49:00.0 | XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2010/04/12 | 05:56:00.0 | AOCS_ORe-point_Start_4_OG [0x09a] AOCU_NM | 5 | 02-76 | 00 ec 73 b0 00 |
| 2010/04/12 | 06:13:30.0 | XRT_CTRL_MANU_409_OG [0x199] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2010/04/12 | 10:41:00.5 | AOCS_ORe-point_Start_2_OG [0x098] AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |