

XRT Timeline to be uploaded on 2012/01/19

Period: 2012/01/19 10:30:00 - 2012/01/24 10:17:00

* * * * *

Normal mode

* * * * *

| XOB #174E: HOP81 2-filter - Ti/poly 8s, Al/mesh 4s, G-band - 384x384 | | | | | | | | | | | | |
|--|-----------------------|--|--|--|--|--|--|---------|--|--|--|--|
| Term | Pointing (x, y) | | | | | | | Comment | | | | |
| 01/19 10:43:00 - 01/19 17:05:30 | Fixed (-10.0, 885.0) | # OP start + 10min, HOP-206 (at North Pole). | | | | | | | | | | |
| PROG= 07 Inf.-time(s) | | | | | | | | | | | | |
| ┌ Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | |
| ├ Seqn= 51 1-time(s) 2.0sec | | | | | | | | | | | | |
| │ Open/G-band Open/G-band open Safe Norm 63ms Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec | | | | | | | | | | | | |
| └ Subr= 2 30-time(s) 2.0sec | | | | | | | | | | | | |
| ├ Seqn= 58 2-time(s) 30.0sec | | | | | | | | | | | | |
| │ Open/Al-mesh Open/Al-mesh close Safe Norm 4.00s Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec | | | | | | | | | | | | |
| │ Open/Ti-poly Open/Ti-poly close Safe Norm 8.00s Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec | | | | | | | | | | | | |
| └ Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval | | | | | | | | | | | | |

| XOB #18BF: Synoptic 9 Filter- 2x2 Q98 Short exp 2 loop | | | | | | | | | | | | |
|--|-------------------|--|--|--|--|--|--|---------|--|--|--|--|
| Term | Pointing (x, y) | | | | | | | Comment | | | | |
| 01/19 17:30:00 - 01/19 18:14:54 | Fixed (0.0, 0.0) | synoptic, shifted 35 mins and extended to 50 mins for SOT engineering and XRT multi-filter | | | | | | | | | | |
| PROG= 08 2-time(s) | | | | | | | | | | | | |
| ┌ Subr= 1 1-time(s) 180.0sec | | | | | | | | | | | | |
| ├ Seqn= 82 1-time(s) 25.0sec | | | | | | | | | | | | |
| │ Open/Al-mesh Open/Al-mesh close Safe Norm 125ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec | | | | | | | | | | | | |
| │ Open/Al-mesh Open/Al-mesh close Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec | | | | | | | | | | | | |
| ├ Seqn= 98 1-time(s) 25.0sec | | | | | | | | | | | | |
| │ Open/Ti-poly Open/Ti-poly close Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec | | | | | | | | | | | | |
| │ Open/Ti-poly Open/Ti-poly close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec | | | | | | | | | | | | |
| ├ Seqn= 74 1-time(s) 25.0sec | | | | | | | | | | | | |
| │ Al-poly/Open Al-poly/Open close Safe Norm 125ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec | | | | | | | | | | | | |
| │ Al-poly/Open Al-poly/Open close Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec | | | | | | | | | | | | |
| ├ Seqn= 18 1-time(s) 25.0sec | | | | | | | | | | | | |
| │ C-poly/Open C-poly/Open close Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec | | | | | | | | | | | | |
| │ C-poly/Open C-poly/Open close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec | | | | | | | | | | | | |
| ├ Seqn= 24 1-time(s) 25.0sec | | | | | | | | | | | | |
| │ Al-poly/Ti-poly Al-poly/thick-Al close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec | | | | | | | | | | | | |
| ├ Seqn= 9 1-time(s) 4.0sec | | | | | | | | | | | | |
| │ thin-Be/Open thin-Be/Open close Safe Norm 11.3s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec | | | | | | | | | | | | |
| │ thin-Be/Open thin-Be/Open close Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec | | | | | | | | | | | | |
| └ Subr= 2 1-time(s) 180.0sec | | | | | | | | | | | | |
| ├ Seqn= 33 1-time(s) 4.0sec | | | | | | | | | | | | |
| │ med-Al/Open med-Al/Open close Safe Norm 22.6s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec | | | | | | | | | | | | |
| ├ Seqn= 71 1-time(s) 4.0sec | | | | | | | | | | | | |
| │ Open/thick-Be Open/thick-Be close Safe Norm 64.0s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec | | | | | | | | | | | | |
| ├ Seqn= 67 1-time(s) 4.0sec | | | | | | | | | | | | |
| │ Open/Al-mesh Open/Al-mesh close Safe Dark 250ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec | | | | | | | | | | | | |
| ├ Seqn= 4 1-time(s) 4.0sec | | | | | | | | | | | | |
| │ 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 #18AF: AR Standard-A(Filter-Ratio) with PFB, shorter thin-Be, thick Al and Al/Poly context, 384x384 at 1064 1048 (all), 4min cad | | | | | | | | | | | | |
|--|---|--------------------------|--|--|--|--|--|---------|--|--|--|--|
| Term | Pointing (x, y) | | | | | | | Comment | | | | |
| 01/19 18:18:00 - 01/20 06:18:54 | Track (-275.0, 365.0) @ 01/19 18:15:00 | # AR 11401 observations. | | | | | | | | | | |
| 01/20 06:32:00 - 01/20 17:42:00 | Track (-168.9, 368.0) @ 01/20 06:29:00 | # AR cont. | | | | | | | | | | |
| PROG= 04 Inf.-time(s) | | | | | | | | | | | | |
| ┌ Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | |
| ├ Seqn= 19 1-time(s) 2.0sec | | | | | | | | | | | | |
| │ Open/Ti-poly Open/thick-Al close Safe Dark 16.0s Obs 1x1 384x384 (1064, 1048) Q=98 0 0 2.0sec | | | | | | | | | | | | |
| │ Open/G-band Open/G-band open Safe Norm 63ms Obs 1x1 384x384 (1064, 1048) Q=98 0 0 2.0sec | | | | | | | | | | | | |
| ├ Seqn= 96 4-time(s) 2.0sec | | | | | | | | | | | | |
| │ Al-poly/Open thin-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec | | | | | | | | | | | | |
| │ Open/Ti-poly Open/thick-Be close Safe Norm 1.00s Obs 1x1 512x512 (1064, 1048) Q=95 3 0 2.0sec | | | | | | | | | | | | |
| │ thin-Be/Open med-Be/Open close Safe Norm 5.66s Obs 1x1 512x512 (1064, 1048) Q=95 3 0 2.0sec | | | | | | | | | | | | |
| │ Open/thick-Al Open/thick-Al close Safe Norm 16.0s Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec | | | | | | | | | | | | |
| └ Subr= 2 1-time(s) 2.0sec | | | | | | | | | | | | |
| ├ Seqn= 62 11-time(s) 240.0sec | | | | | | | | | | | | |
| │ thin-Be/Open Open/thick-Al close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec | | | | | | | | | | | | |
| │ Open/Ti-poly Open/thick-Be close Safe Norm 1.00s Obs 1x1 384x384 (1064, 1048) Q=95 3 0 15.0sec | | | | | | | | | | | | |
| │ thin-Be/Open Open/thick-Al close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 3 1 2.0sec | | | | | | | | | | | | |
| │ Open/Ti-poly Open/thick-Be close Safe Norm 1.00s Obs 1x1 384x384 (1064, 1048) Q=95 3 1 15.0sec | | | | | | | | | | | | |
| │ thin-Be/Open Open/thick-Al close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 3 2 2.0sec | | | | | | | | | | | | |
| │ Open/Ti-poly Open/thick-Be close Safe Norm 1.00s Obs 1x1 384x384 (1064, 1048) Q=95 3 2 15.0sec | | | | | | | | | | | | |
| │ thin-Be/Open Open/thick-Al close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 3 3 2.0sec | | | | | | | | | | | | |
| │ Open/Ti-poly Open/thick-Be close Safe Norm 1.00s Obs 1x1 384x384 (1064, 1048) Q=95 3 3 15.0sec | | | | | | | | | | | | |
| └ Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval | | | | | | | | | | | | |

XOB #18A8: Synoptic Q95 2x2 - Al/mesh(16/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(33/2048) + Thin-Be(18

| Term | Pointing (x, y) | Comment |
|---------------------------------|-------------------|----------------------------|
| 01/20 06:22:00 - 01/20 06:28:54 | Fixed (0.0, 0.0) | synoptic, shifted 19.0 min |
| 01/20 18:08:30 - 01/20 18:15:24 | Fixed (0.0, 0.0) | synoptic, shifted 5.5 min |
| 01/21 05:55:30 - 01/21 06:02:24 | Fixed (0.0, 0.0) | synoptic, shifted -7.5 min |

PROG= 05 1-time(s)

- Subr= 1 1-time(s) 12.0sec
 - Seqn= 7 1-time(s) 4.0sec
 - Open/Al-mesh Open/Al-mesh close Safe Norm 16ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
 - Open/Al-mesh Open/Al-mesh close Safe Norm 1.00s 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= 8 1-time(s) 4.0sec
 - Open/Ti-poly Open/Ti-poly close Safe Norm 32ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
 - Open/Ti-poly Open/Ti-poly close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
 - Seqn= 3 1-time(s) 2.0sec
 - thin-Be/Open thin-Be/Open close Safe Norm 177ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
 - thin-Be/Open thin-Be/Open close Safe Norm 2.83s 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

XOB #1839: AR Standard-B(Morphology) with PFB, FW1=Open, Ti/Poly, 384x384 at 1064 1048, 120sec-cad

| Term | Pointing (x, y) | Comment |
|---------------------------------|--|------------|
| 01/20 18:18:30 - 01/21 05:52:24 | Track (-64.5, 369.9) @ 01/20 18:15:30 | # AR cont. |
| 01/21 06:05:30 - 01/21 09:40:00 | Track (40.7, 370.7) @ 01/21 06:02:30 | # AR cont. |

PROG= 15 Inf.-time(s)

- Subr= 2 1-time(s) 2.0sec
 - Seqn= 19 1-time(s) 2.0sec
 - Open/Ti-poly Open/thick-Al close Safe Dark 16.0s Obs 1x1 384x384 (1064, 1048) Q=98 0 0 2.0sec
 - Open/G-band Open/G-band open Safe Norm 63ms Obs 1x1 384x384 (1064, 1048) Q=98 0 0 2.0sec
 - Seqn= 41 4-time(s) 2.0sec
 - Open/Al-mesh Open/Ti-poly close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec
 - Open/Ti-poly Open/thick-Al close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec
 - Open/thick-Al Open/thick-Be close Safe Norm 1.00s Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec
- Subr= 1 1-time(s) 2.0sec
 - Seqn= 76 35-time(s) 120.0sec
 - Open/Ti-poly Open/thick-Al close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 3 0 30.0sec
 - Open/Ti-poly Open/thick-Al close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 3 1 30.0sec
 - Open/Ti-poly Open/thick-Al close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 3 2 30.0sec
 - Open/Ti-poly Open/thick-Al close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 3 3 30.0sec

* * * * *

Flare mode

* * * * *

XOB #18C2: Flare standard obs. multifilter - thin-Be + (med-Al,thick-Be) 384x384 + (Al-poly 512x512 2x2)-no interval context-12 loops

| Term | Pointing (x, y) | Comment |
|---------------------------------|---|--|
| 01/19 10:43:00 - 01/19 17:05:30 | Fixed (-10.0, 885.0) | # OP start + 10min, HOP-206 (at North Pole). |
| 01/19 18:18:00 - 01/20 06:18:54 | Track (-275.0, 365.0) @ 01/19 18:15:00 | # AR 11401 observations. |
| 01/20 06:32:00 - 01/20 17:42:00 | Track (-168.9, 368.0) @ 01/20 06:29:00 | # AR cont. |
| 01/20 18:18:30 - 01/21 05:52:24 | Track (-64.5, 369.9) @ 01/20 18:15:30 | # AR cont. |
| 01/21 06:05:30 - 01/21 09:40:00 | Track (40.7, 370.7) @ 01/21 06:02:30 | # AR cont. |

PROG= 03 12-time(s)

- Subr= 1 45-time(s) 10.0sec
 - Seqn= 20 1-time(s) 2.0sec
 - thin-Be/Open med-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1024, 1024) Q=95 3 0 2.0sec
 - Seqn= 63 1-time(s) 2.0sec
 - med-Al/Open med-Al/thick-Al close Safe Norm 500ms Obs 1x1 384x384 (1024, 1024) Q=95 3 0 2.0sec
 - Open/thick-Be Open/thick-Be close Safe Norm 2.00s Obs 1x1 384x384 (1024, 1024) Q=95 3 0 2.0sec
 - Seqn= 77 1-time(s) 2.0sec
 - Al-poly/Open Al-poly/thick-Al close Safe Norm 125ms Obs 2x2 512x512 (1024, 1024) Q=95 2 0 2.0sec
- Subr= 2 1-time(s) 10.0sec
 - Seqn= 90 1-time(s) 2.0sec
 - Open/G-band Open/G-band open Safe Norm 63ms Obs 1x1 384x384 (1024, 1024) Q=98 0 0 2.0sec
 - Open/thick-Al Open/thick-Al close Safe Dark 1.00s Obs 1x1 384x384 (1024, 1024) Q=98 0 0 2.0sec
 - Open/thick-Al Open/thick-Al close Safe Dark 1.00s Obs 2x2 512x512 (1024, 1024) Q=98 0 0 2.0sec

* * * * *

Active Region Search

* * * * *

NOT USED

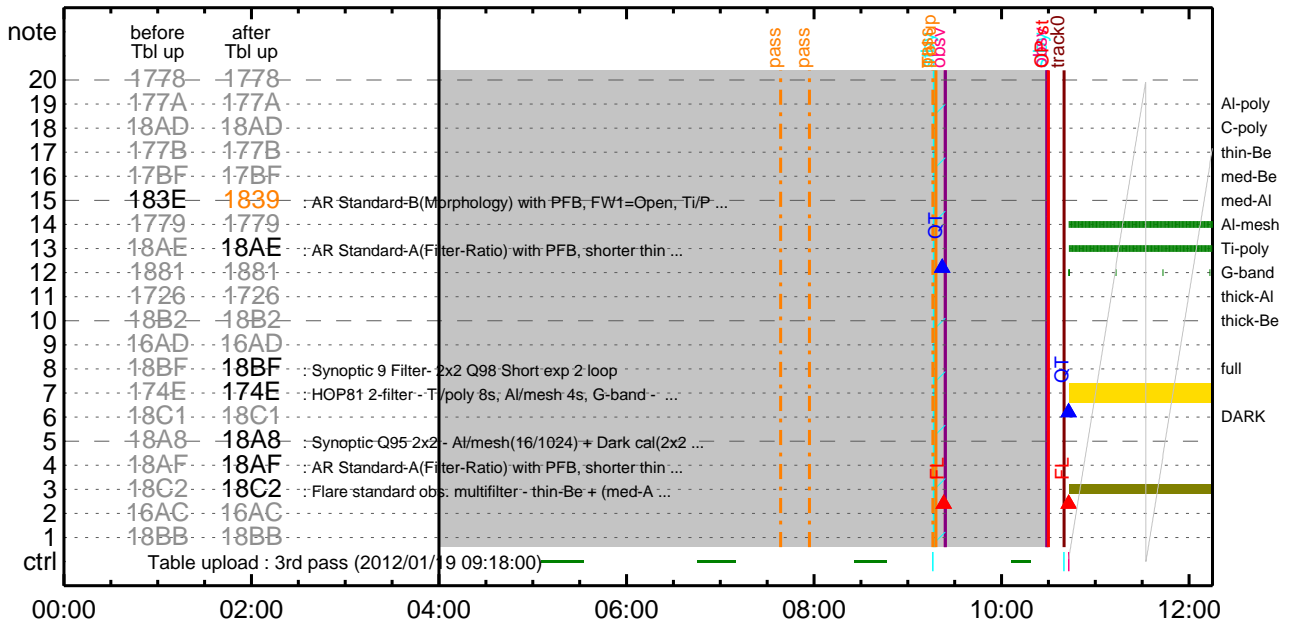
* * * * *

Flare Detection

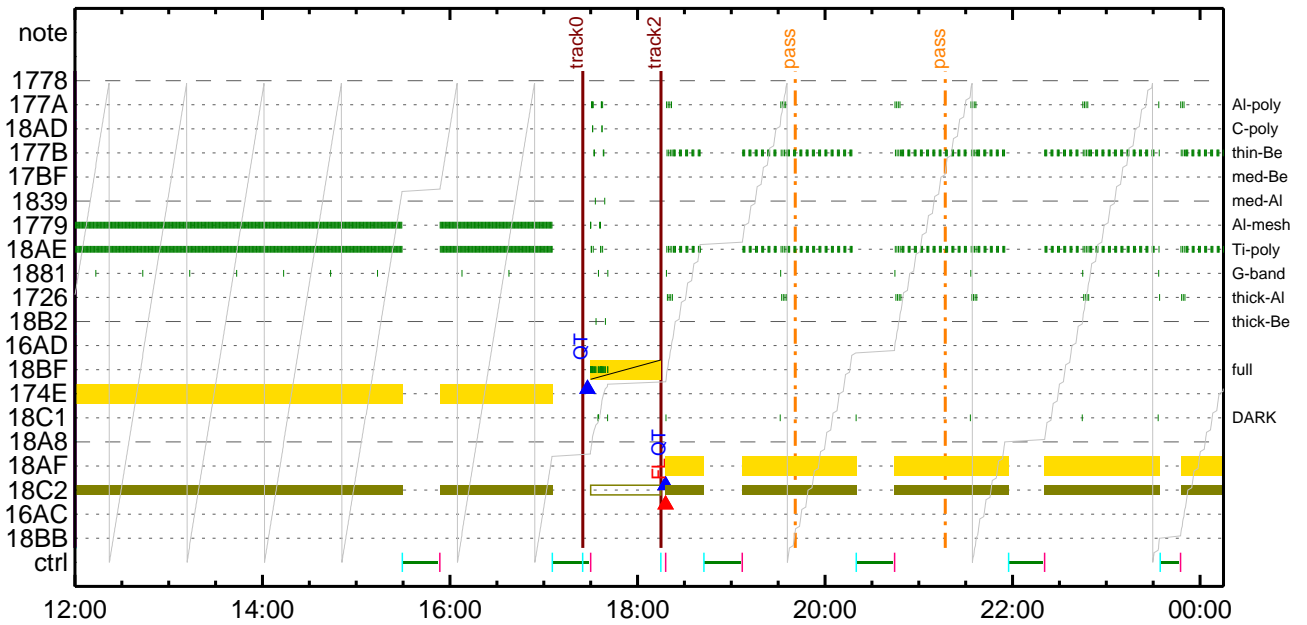
* * * * *

| FLD Patrol | | | | | | | | | | | | |
|---------------------------------|--|---|--|-------|------|-------|------|--------------------------|-----|--------------------|--|---------------------------|
| Term | | Pointing (x, y) | | | | | | Comment | | | | |
| 01/19 18:17:46 - 01/20 06:19:16 | | Track (-275.0, 365.0) @ 01/19 18:15:00 | | | | | | # AR 11401 observations. | | | | |
| 01/20 06:31:46 - 01/20 18:05:46 | | Track (-168.9, 368.0) @ 01/20 06:29:00 | | | | | | # AR cont. | | | | |
| 01/20 18:18:16 - 01/21 05:52:46 | | Track (-64.5, 369.9) @ 01/20 18:15:30 | | | | | | # AR cont. | | | | |
| 01/21 06:05:16 - 01/24 10:17:00 | | Track (40.7, 370.7) @ 01/21 06:02:30 | | | | | | # AR cont. | | | | |
| Open/Ti-poly | | Open/thick-Al | | 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 |

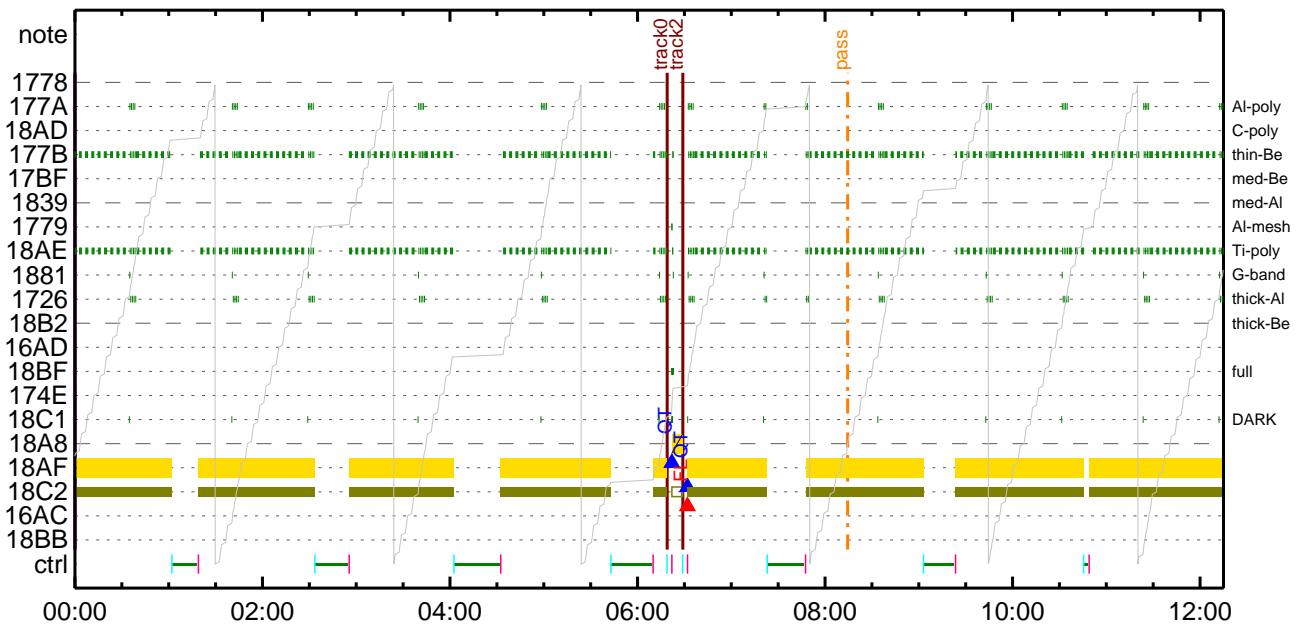
CMDI #0383 2012/01/19



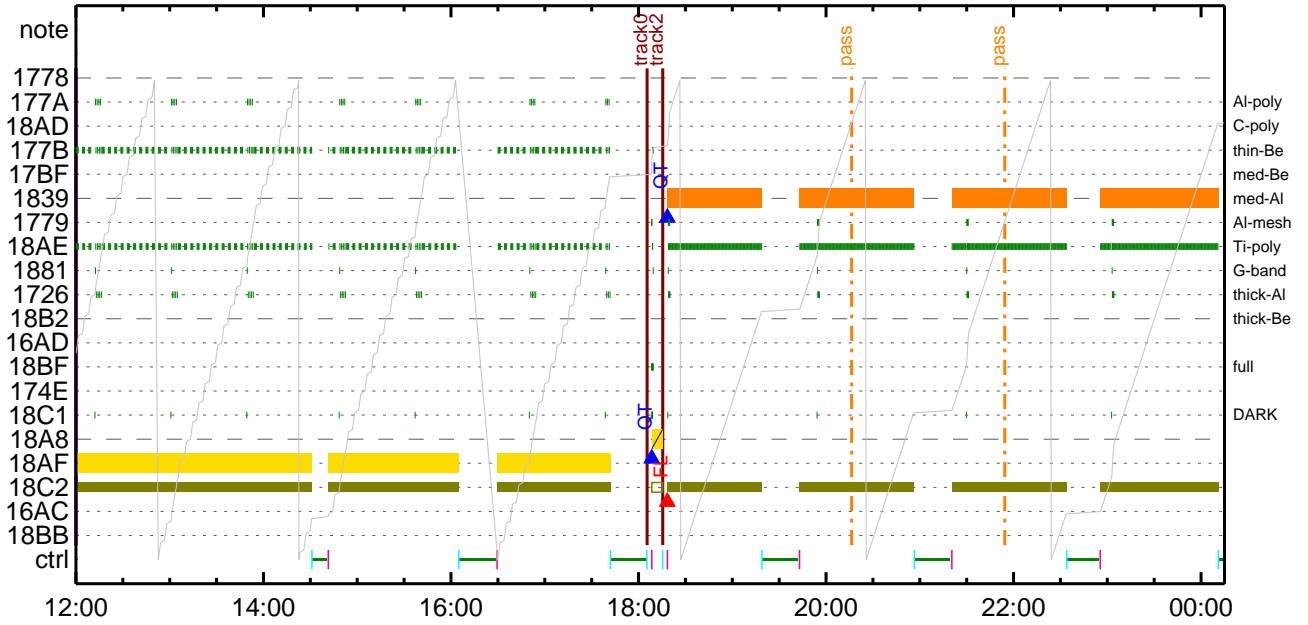
CMDI #0383 2012/01/19



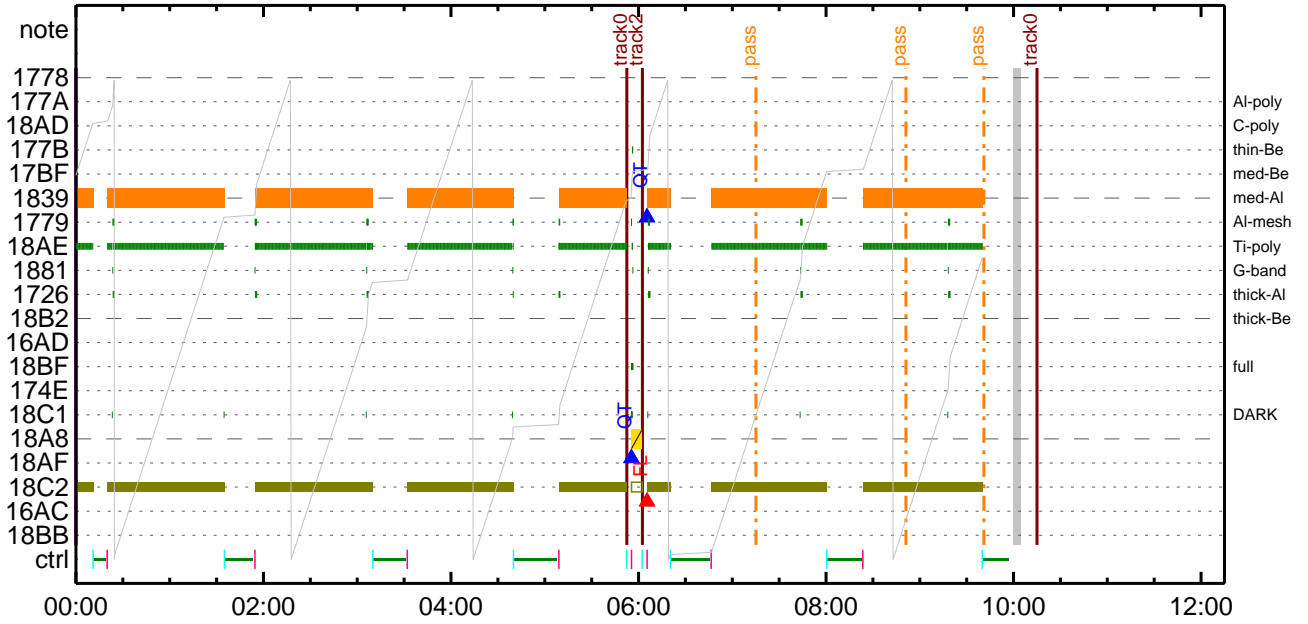
CMDI #0383 2012/01/20



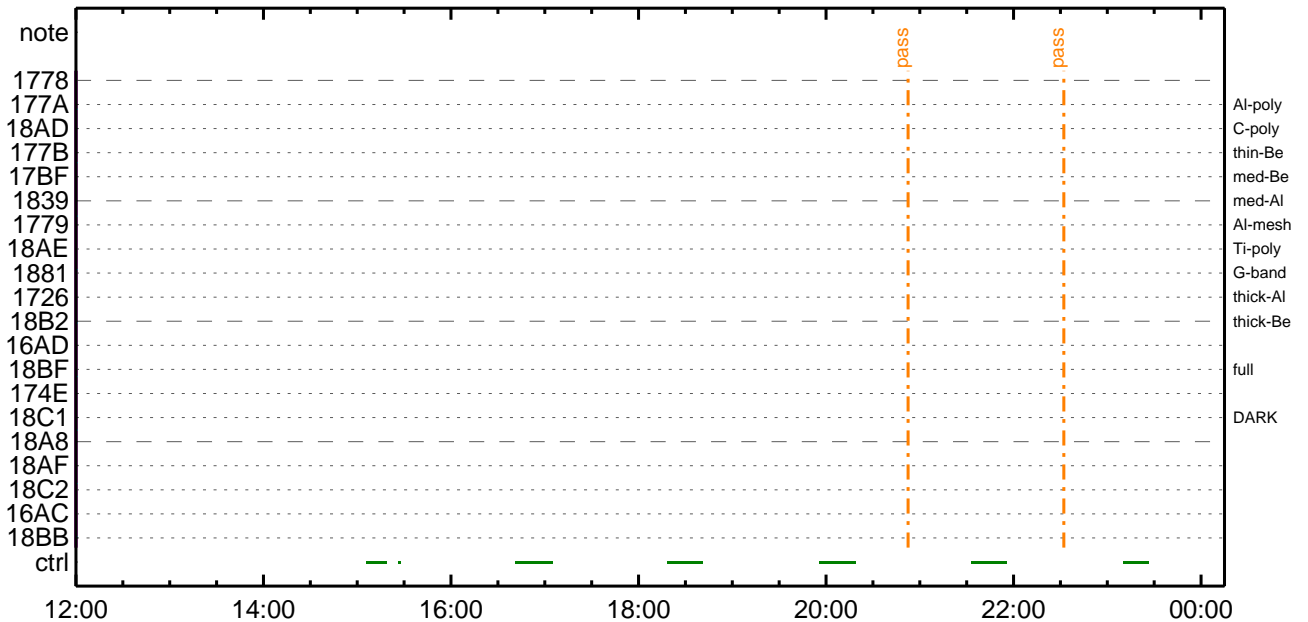
CMDI #0383 2012/01/20



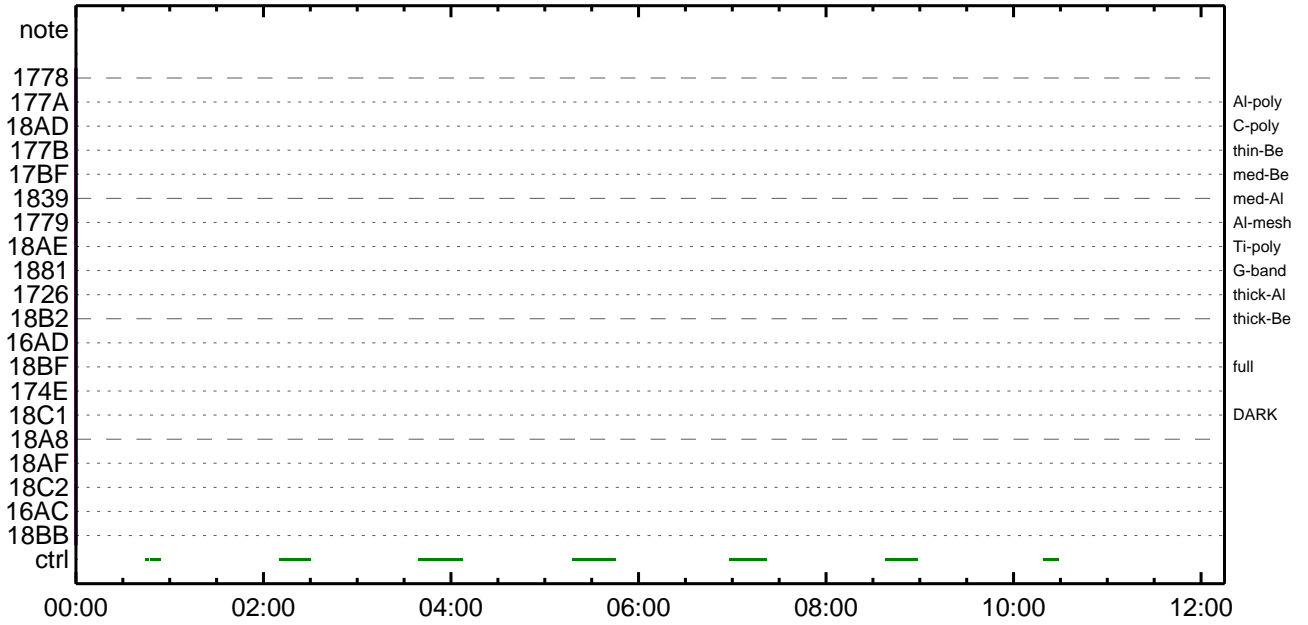
CMDI #0383 2012/01/21



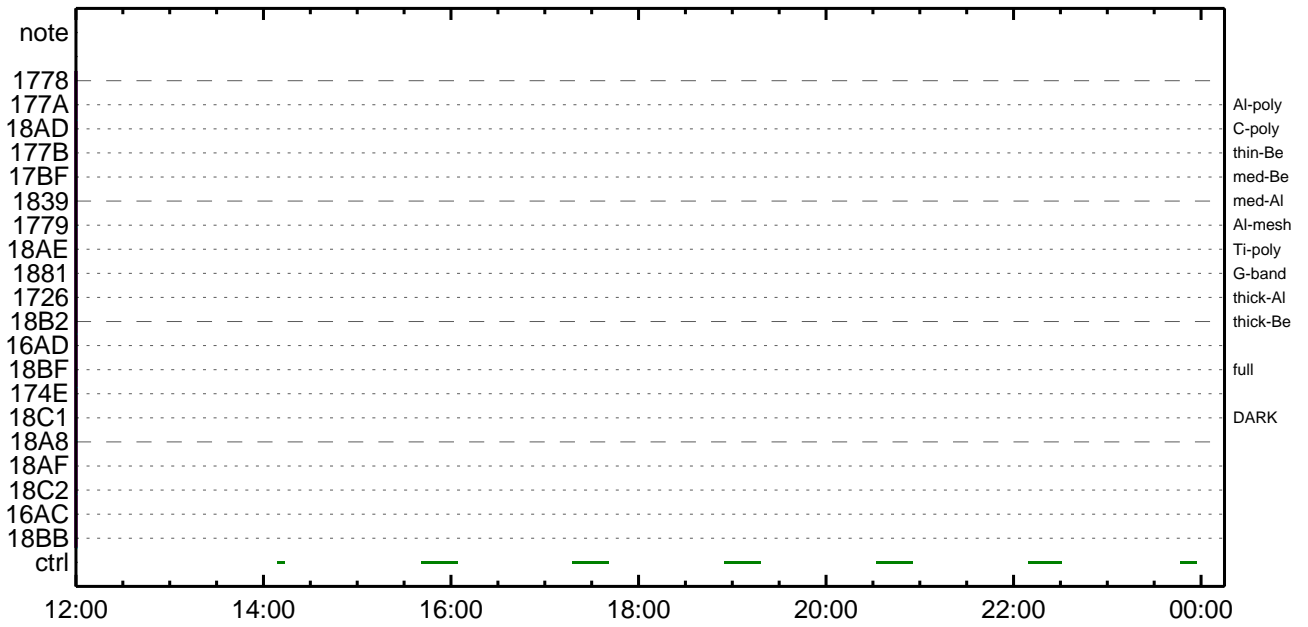
CMDI #0383 2012/01/21



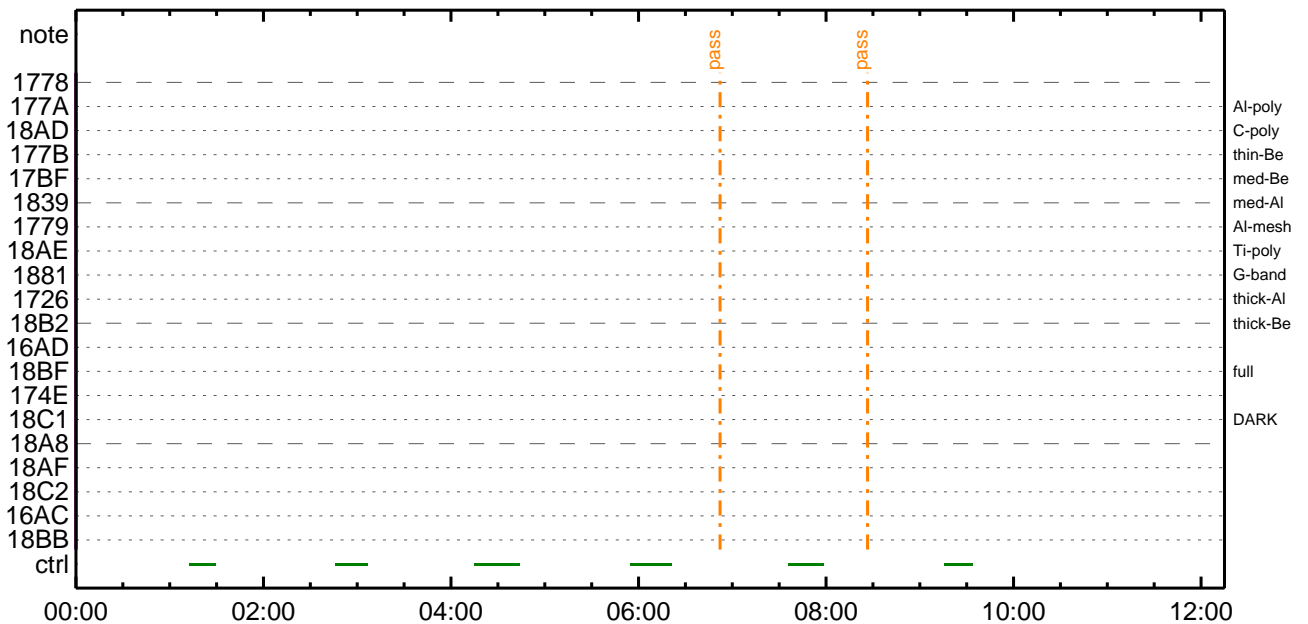
CMDI #0383 2012/01/22



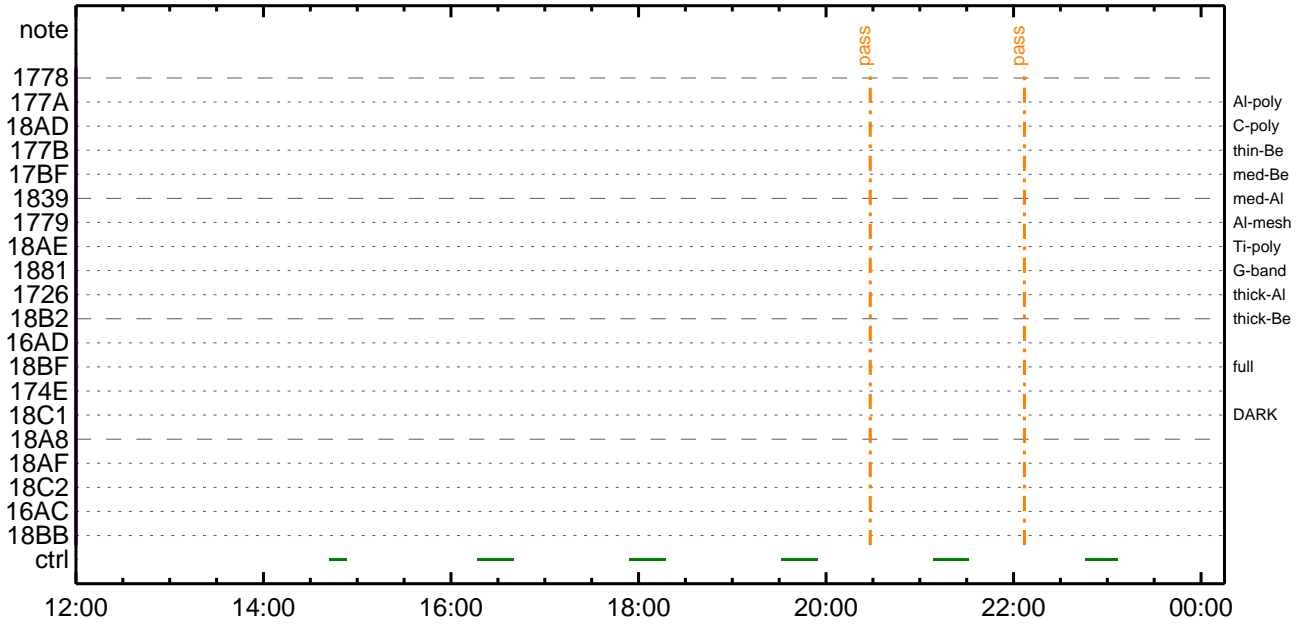
CMDI #0383 2012/01/22



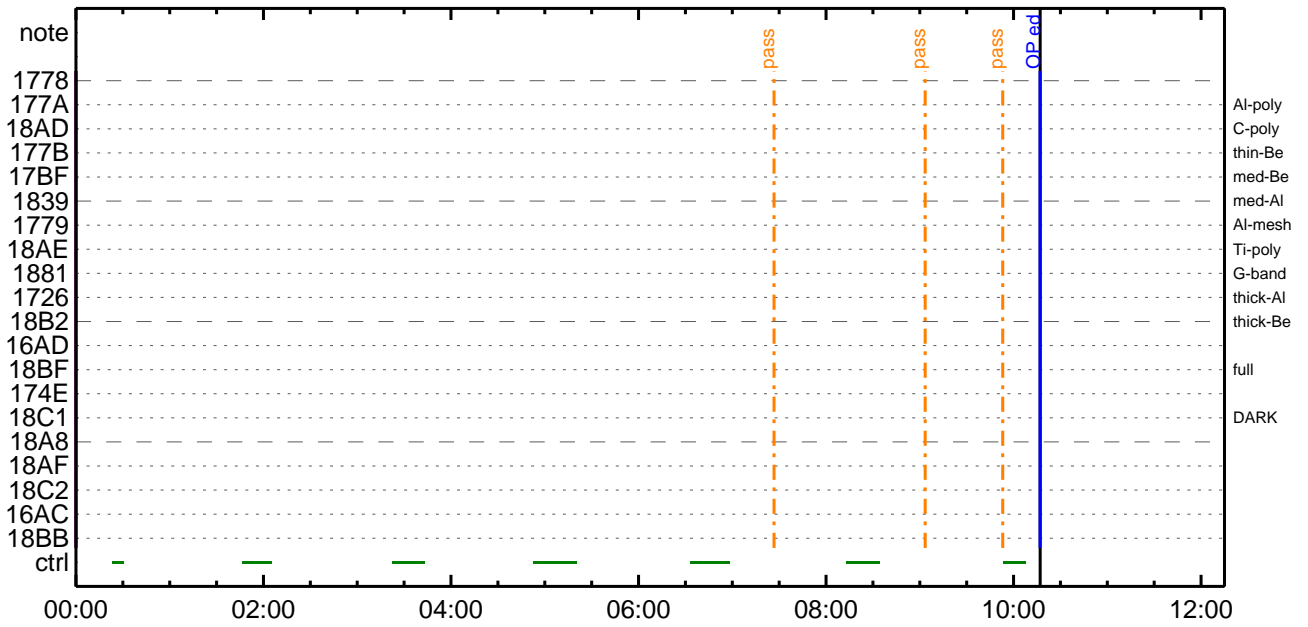
CMDI #0383 2012/01/23



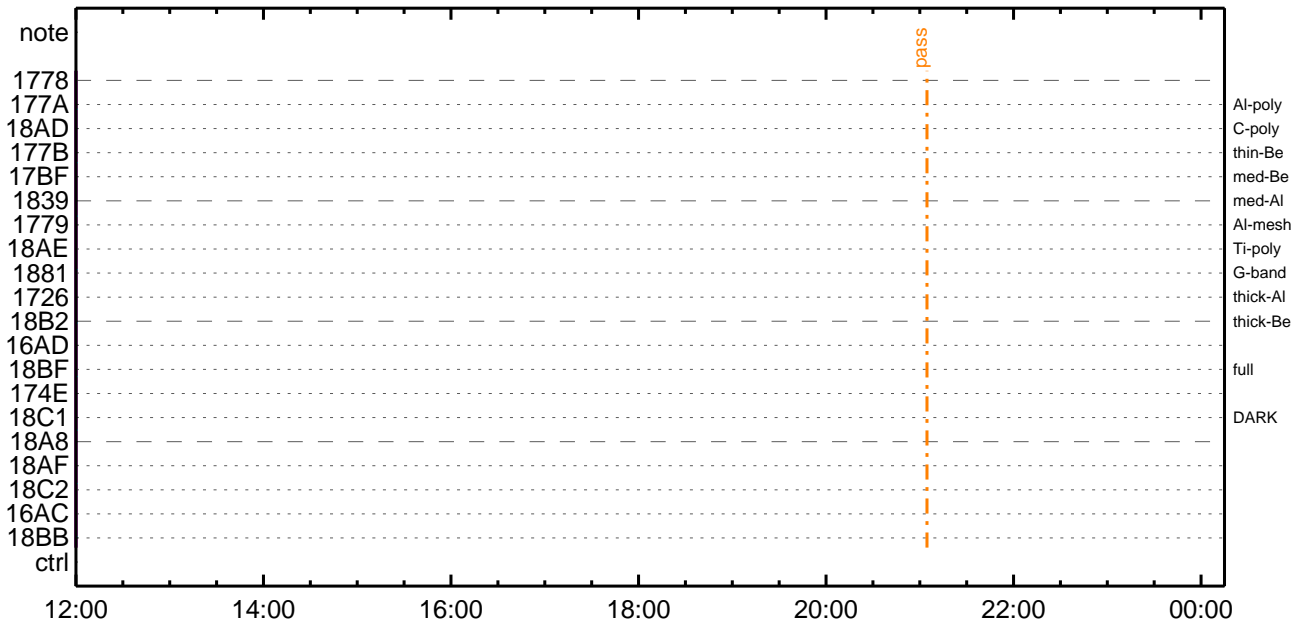
CMDI #0383 2012/01/23



CMDI #0383 2012/01/24



CMDI #0383 2012/01/24




```

0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;|YAYOX
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-603:OP
0104 ( )
0105 S. OG og-603:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPfî°èYAYOX;ã
0109 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç[HK1_PKT_FORM_NO] EQ 7
0120 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 C. YAYOXx½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG²î½E¹ç•è²îOKò³îÇ§
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. çç[HK1_PKT_FORM_NO] EQ 7
0139 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 C. YAYOXx½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG²î½E¹ç•è²îOKò³îÇ§
0146 C.
0147 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. çç[HK1_PKT_FORM_NO] EQ 7
0158 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 C. YAYOXx½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OP²î½E¹ç•è²îOKò³îÇ§
0165 C.
0166 C. ***** °E²¼òî½Ä´¶Á°òEÉ¬ò°Á÷¿@ (¼âµ-YAYOXx½ê½çòðÁÓÆòÇ¼ª°¬òE¼î¹çòÇòâ) *****
0167 C. DHUYâ;4YE;E½Y½, Yî;4YE;Eòðîã¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç[HK1_PKT_FORM_NO] EQ 2
0171 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 C. NOTICE ;§ OPOG UPLOAD²-Á÷¿@NG²î½î¹ç;ç°E²¼òîTI-CMDÁ÷¿@²î½î¹çòE¼î¹çòÇòâ) *****
0180 C. çç[HK1_DMP_CHK_FLG] EQ NON
0181 C.
0182 C. TIY³YpYóYEòðÁDî¿(UT)
0183 +. TI 2012-01-19 10:25:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2012-01-19 10:25:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2012-01-19 10:25:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

```

```

0194 C.
0195 +. TI 2012-01-19 10:29:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          çç[HK1_TI_CMD_NUM]          EQ      1COUNTUP
0198 C.
0199 C. °È²¼ñíÄë%ííññîîŷÄŷ$ŷÄŷ~¹âiÛ
0200 C.          çç[HK1_TI_CMD_ENA/DIS]      EQ      ENA
0201 C.          çç[HK1_TI_CMD_NUM]          EQ      4
0202 C.          çç[HK1_NEXT_EXEC_PIM]        EQ      DHU
0203 C.          çç[HK1_NEXT_EXEC_DC]        EQ      0xB3
0204 C.
0205 . C. *****
0206 C. TIíí°èŷÄŷÖŷ×
0207 C. *****
0208 C.
0209 C. TI_TBL(0x03AB00-0x03AEFF;$ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC      (03 ab 03 01 02)
0212 C.          çç[HK1_DMP_TOP_ADRS_1]     EQ      07
0213 C.          çç[HK1_DMP_TOP_ADRS_0]     EQ      2B
0214 C.          çç[HK1_DMP_BLOCK_NUM]       EQ      3
0215 C.          çç[HK1_DMP_REPEAT_NUM]     EQ      0
0216 C.          çç[HK1_DMA_DMP_PIM]        EQ      DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC      (07 0b f8)
0219 C.          çç[HK1_PKT_FORM_NO]         EQ      7
0220 C.          çç[HK1_PKT_GEN_TIME]        EQ      0.25 s
0221 C.          çç[HK1_S_TLM_BIT_RATE]     EQ      32k
0222 C.          çç[HK1_X_TLM_BIT_RATE]     EQ      4M
0223 C.          çç[HK1_DMP_CHK_FLG]        EQ      EXEC
0224 C.
0225 . C. ŷÄŷÖŷ×½ªî»ñ³îç§
0226 C.          çç[HK1_DMP_CHK_FLG]        EQ      NON
0227 C.
0228 . C. RAM ID=TI_TBLñî¾È¹ç.è²îOKñ³îç§
0229 C.
0230 . C. DHUŷã;¼ŷÈ;È¾ŷ¼.ŷî;¼ŷÈ;Èñðîáñ¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC      (02 0a f8)
0233 C.          çç[HK1_PKT_FORM_NO]         EQ      2
0234 C.          çç[HK1_PKT_GEN_TIME]        EQ      0.5S
0235 C.          çç[HK1_S_TLM_BIT_RATE]     EQ      32K
0236 C.          çç[HK1_X_TLM_BIT_RATE]     EQ      4M
0237 C.
0238 . C. Stop EIS observation and temporarily disable EIS mode changes
0239 C.
0240 C.
0241 C. ***** Start EIS operation (TI set) *****
0242 C. Execute, after the success of OP upload.
0243 C. Set EIS TI-commands
0244 +. TI 2012-01-19 10:29:30.0
0245 DC 07-FC EIS_MODE_MANU
0246 BC      (21 02)
0247 +. TI 2012-01-19 10:29:40.0
0248 DC 07-FC EIS_MODE_CHG_DIS
0249 BC      (22)
0250 . C.          [ ] [HK1_TI_CMD_NUM]     EQ      2 COUNTUP
0251 C. ***** End EIS operation (TI set) *****
0252 C.
0253 C.
0254 C.
0255 C. ***** XRT START *****
0256 C. Execute, after the success of OP upload.
0257 +. TI 2012-01-19 10:29:00.0
0258 DC 07-F0 MDP_XRT_MODE_STBY
0259 BC      (c3)
0260 . C.          [ ] [HK1_TI_CMD_NUM]     EQ      1COUNTUP
0261 C.
0262 C. ***** XRT END *****
0263 C. *****
0264 C. SOT TI command set
0265 C. *****
0266 C. Execute, after the success of OP upload.
0267 +. TI 2012-01-19 10:29:16.0
0268 DC 07-F0 MDP_SOT_MODE_STBY
0269 BC      (41)
0270 . C. -----
0271 C.      HK1_TI_CMD_NUM = 1 CNTUP [ ]
0272 C. -----
0273 C. ***** SOT END *****
0274 C.
0275 . C. ***** MDP 'ûÃîñí»ö¼ŷñÄññ¹ñèDCBC.x²è *****
0276 C. (¾á°îŷÖŷÄŷÈŷÏŷŷáŷçŷèè¾ññ¾ññ¾Ûññè)
0277 . S. DC-BC dcbc-402:DCBC
0278 (MDP_known_event)
0279 C.
0280 C.
0281 . C. ***** ŷDŷ¹.î Daily±çîññÈ'ØññèDCBC.x²è *****
0282 . S. DC-BC dcbc-153:DCBC
0283 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0284 C.
0285 C.
0286 . C. ïãLOSŷÄŷ$ŷÄŷ~¼Ä»Û;ã
0287 C.
0288 . C. ***** LOS *****
0289 C.

```

(a) Spacecraft Operation Procedure (real-commands)

```
main-604 2012-01-19 13:44:47 82 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÁY~¼Á»Û;ã
0005 C.
0006 C. YÀYB;¼Y³YFÝÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;È¿µÁß•µ°È»Í×ÁÇóÍYçYÁY×Yí;¼YÉ;ÈÈ%µ•íÉ;ÈßE¼°ÇÔß•µ¿¼l¹çµÍ;çÀ®, ù¹ñèñßçÁ+¿®µ•ñÈµµ³ñÈ;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 15s
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 2012-01-19 10:29:50.0
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 `ûÁíõí»ó¼YõÉÁßµ¹ñèDCBC•x²è *****
0069 C. (¼á°íYÓYÁYÈYÞYÉYáYçYèµ¼°µ¼Á»Ûµ¹ñè)
0070 . S. DC-BC dcbc-402:DCBC
0071 (MDP_known_event)
0072 C.
0073 C.
0074 . C. ***** YDÝ!·Ï Daily±¿ÍÑõÉ`Øµ¹ñèDCBC•x²è *****
0075 . S. DC-BC dcbc-153:DCBC
0076 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0077 C.
0078 C.
0079 . C. ;ãLOSÁYŞYÁY~¼Á»Û;ã
0080 C.
0081 . C. ***** LOS *****
0082 C.
```



```

0096 C.
0097 C.
0098 . C. *****
0099 C. SOT table upload
0100 C. *****
0101 . C. < Stop FG table >
0102 +. DC 07-F0 MDP_FG_CTRL_MANU
0103 BC (51)
0104 . C. -----
0105 C. MDP_FG_CTRL_MODE = MANU [ ]
0106 C. -----
0107 C.
0108 . C. <Upload FG Observation Table>
0109 . S. RAM ram-269:MDP_OBS_F
0110 ( )
0111 C.
0112 . C. < Dump RAMID=MDP_OBS_F >
0113 +. DC 07-F0 MDP_DUMP_FGTBL
0114 BC (82 07 00 00 00 38 b8)
0115 C. -----
0116 C. MDP_OBS_F verify = OK/NG [ ]
0117 C. -----
0118 C.
0119 . C. < Resume FG table (auto mode) >
0120 +. DC 07-F0 MDP_FG_CTRL_AUTO
0121 BC (50)
0122 . C. -----
0123 C. MDP_FG_CTRL_MODE = AUTO [ ]
0124 C. -----
0125 C.
0126 C. *****
0127 C. SOT TI command set
0128 C. *****
0129 C. Execute, after the success of TBL upload.
0130 +. TI 2012-01-19 10:29:18.0
0131 DC 07-F0 MDP_SOT_MODE_OBSV
0132 BC (40)
0133 . C. -----
0134 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0135 C. -----
0136 C.
0137 C. Only when FG_CTRL_AUTO is used in RT.
0138 +. TI 2012-01-19 10:29:20.0
0139 DC 07-F0 MDP_FG_CTRL_AUTO
0140 BC (50)
0141 . C. -----
0142 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0143 C. -----
0144 C. ***** SOT END *****
0145 C.
0146 C. ***** XRT START *****
0147 C.
0148 +. DC 07-F0 MDP_XRT_CTRL_MANU
0149 BC (c1)
0150 + DC 07-F0 MDP_XRT_MODE_STBY
0151 BC (c3)
0152 . C. ----- Success Verify ? OK / NG____
0153 C.
0154 C. XRT Obs. Table Upload
0155 . S. RAM ram-291:MDP_OBS_X
0156 ( )
0157 C.
0158 +. DC 07-F0 MDP_DUMP_XRTTBL
0159 BC (84 07 00 00 00 3a d4)
0160 . C. ----- Comparison Check ? OK / ERR ____
0161 C.
0162 C.
0163 +. DC 07-F0 MDP_XRT_ROI_SET
0164 BC (cd 01 b1 b1 04 04)
0165 + DC 07-F0 MDP_XRT_ROI_SET
0166 BC (cd 02 b1 b1 08 08)
0167 + DC 07-F0 MDP_XRT_ROI_SET
0168 BC (cd 03 b1 b1 08 08)
0169 + DC 07-F0 MDP_XRT_ROI_SET
0170 BC (cd 04 b1 b1 06 06)
0171 + DC 07-F0 MDP_XRT_ROI_SET
0172 BC (cd 05 85 83 06 06)
0173 + DC 07-F0 MDP_XRT_ROI_SET
0174 BC (cd 06 85 83 06 06)
0175 + DC 07-F0 MDP_XRT_ROI_SET
0176 BC (cd 07 85 83 08 08)
0177 + DC 07-F0 MDP_XRT_ROI_SET
0178 BC (cd 08 80 80 20 20)
0179 + DC 07-F0 MDP_XRT_ROI_SET
0180 BC (cd 09 80 80 20 08)
0181 + DC 07-F0 MDP_XRT_ROI_SET
0182 BC (cd 0a 80 80 08 20)
0183 + DC 07-F0 MDP_XRT_ROI_SET
0184 BC (cd 0f 80 80 06 06)
0185 + DC 07-F0 MDP_XRT_ROI_SET
0186 BC (cd 10 80 80 08 08)
0187 + DC 07-F0 MDP_XRT_FLD_ENA
0188 BC (d8)
0189 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0190 BC (c8)
0191 + DC 07-F0 MDP_XRT_AEC_RESET
0192 BC (d0)
0193 + DC 07-F0 MDP_XRT_ARS_DIS

```

```
0194 BC (d5)
0195 + DC 07-F0 MDP_XRT_FLD_RESET
0196 BC (da)
0197 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0198 BC (c4 0d)
0199 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0200 BC (c5 03)
0201 . C. ----- Success Verify ? OK / NG ____
0202 C.
0203 C.
0204 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0205 C.
0206 +. DC 07-F0 MDP_XRT_MODE_OBSV
0207 BC (c2)
0208 +. TI 2012-01-19 10:29:02.0
0209 DC 07-F0 MDP_XRT_MODE_OBSV
0210 BC (c2)
0211 . C. ----- Success Verify ? OK / NG ____
0212 C.
0213 C. ***** XRT END *****
0214 C.
0215 . C. ***** MDP `úÃîñî»ò¼ÝñÊÃðñ¹ñèDCBC•x²è *****
0216 C. (¼á°îÝÓÝÃÝÈÝÞÝËÝáÝçÝèñÊ¼ññ¼Ã»Ûñ¹ñè)
0217 . S. DC-BC dcbc-402:DCBC
0218 (MDP_known_event)
0219 C.
0220 C.
0221 . C. ***** ÝÐÝ¹•Ï Daily±¿îÑñÊ´Øñ¹ñèDCBC•x²è *****
0222 . S. DC-BC dcbc-153:DCBC
0223 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0224 C.
0225 C.
0226 . C. ¡ãLOSÝÁÝ§ÝÃÝ¬¼Ã»Ûñ¹ñè
0227 C.
0228 . C. ***** LOS *****
0229 C.
```

Jan 19, 12 13:45

XRT_OGLIST_0383.chk

Page 1/5

*** OP Sequence for XRT ***

| | | | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2012/01/19 | 10:39:54.0 | XRT_CTRL_MANU_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2012/01/19 | 10:40:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 b1 59 00 e5 | | | | |
| 2012/01/19 | 10:42:26.0 | XRT_FOCUS_POSITION_409_OG [0x199] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2012/01/19 | 10:42:46.0 | XRT_FLD_ENA_435_OG [0x1b3] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2012/01/19 | 10:42:48.0 | XRT_FLRCTRL_ENA_403_OG [0x193] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2012/01/19 | 10:42:50.0 | XRT_AEC_RESET_443_OG [0x1bb] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2012/01/19 | 10:42:52.0 | XRT_ARS_DIS_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2012/01/19 | 10:42:54.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2012/01/19 | 10:42:56.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 07 | | | | |
| 2012/01/19 | 10:42:58.0 | XRT_FL_PROG_SET_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 03 | | | | |
| 2012/01/19 | 10:43:00.0 | XRT_CTRL_AUTO_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2012/01/19 | 15:29:30.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2012/01/19 | 15:29:32.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2012/01/19 | 15:29:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2012/01/19 | 15:32:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2012/01/19 | 15:52:30.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2012/01/19 | 15:53:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2012/01/19 | 17:05:30.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2012/01/19 | 17:05:32.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2012/01/19 | 17:05:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2012/01/19 | 17:08:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2012/01/19 | 17:24:54.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2012/01/19 | 17:24:56.0 | XRT_FOCUS_POSITION_401_OG [0x191] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2012/01/19 | 17:25:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2012/01/19 | 17:25:16.0 | XRT_FLD_DIS_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2012/01/19 | 17:25:18.0 | XRT_FLRCTRL_DIS_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2012/01/19 | 17:25:20.0 | XRT_ARS_DIS_438_OG [0x1b6] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2012/01/19 | 17:27:58.0 | XRT_QT_PROG_SET_404_OG [0x194] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 08 | | | | |
| 2012/01/19 | 17:29:00.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2012/01/19 | 17:30:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2012/01/19 | 18:14:54.0 | XRT_CTRL_MANU_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2012/01/19 | 18:15:00.0 | AOCS_Ore-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | | | | |
| 2012/01/19 | 18:17:26.0 | XRT_FOCUS_POSITION_409_OG [0x199] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2012/01/19 | 18:17:46.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2012/01/19 | 18:17:48.0 | XRT_FLRCTRL_ENA_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2012/01/19 | 18:17:50.0 | XRT_AEC_RESET_443_OG [0x1bb] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2012/01/19 | 18:17:52.0 | XRT_ARS_DIS_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2012/01/19 | 18:17:54.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2012/01/19 | 18:17:56.0 | XRT_QT_PROG_SET_445_OG [0x1bd] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 04 | | | | |
| 2012/01/19 | 18:17:58.0 | XRT_FL_PROG_SET_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 03 | | | | |
| 2012/01/19 | 18:18:00.0 | XRT_CTRL_AUTO_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2012/01/19 | 18:42:30.5 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2012/01/19 | 18:42:32.5 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2012/01/19 | 18:42:34.5 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2012/01/19 | 18:45:44.5 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2012/01/19 | 19:06:01.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2012/01/19 | 19:07:01.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |

Jan 19, 12 13:45

XRT_OGLIST_0383.chk

Page 2/5

| | | | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2012/01/19 | 20:20:00.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2012/01/19 | 20:20:02.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2012/01/19 | 20:20:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2012/01/19 | 20:23:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2012/01/19 | 20:43:30.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2012/01/19 | 20:44:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2012/01/19 | 21:57:30.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2012/01/19 | 21:57:32.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2012/01/19 | 21:57:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2012/01/19 | 22:00:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2012/01/19 | 22:19:30.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2012/01/19 | 22:20:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2012/01/19 | 23:34:30.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2012/01/19 | 23:34:32.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2012/01/19 | 23:34:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2012/01/19 | 23:37:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2012/01/19 | 23:46:30.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2012/01/19 | 23:47:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2012/01/20 | 01:02:00.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2012/01/20 | 01:02:02.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2012/01/20 | 01:02:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2012/01/20 | 01:05:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2012/01/20 | 01:18:00.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2012/01/20 | 01:19:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2012/01/20 | 02:33:30.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2012/01/20 | 02:33:32.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2012/01/20 | 02:33:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2012/01/20 | 02:36:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2012/01/20 | 02:54:30.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2012/01/20 | 02:55:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2012/01/20 | 04:02:30.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2012/01/20 | 04:02:32.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2012/01/20 | 04:02:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2012/01/20 | 04:05:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2012/01/20 | 04:31:30.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2012/01/20 | 04:32:30.5 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2012/01/20 | 05:43:00.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2012/01/20 | 05:43:02.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2012/01/20 | 05:43:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2012/01/20 | 05:46:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2012/01/20 | 06:09:00.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2012/01/20 | 06:10:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2012/01/20 | 06:18:54.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2012/01/20 | 06:18:56.0 | XRT_FOCUS_POSITION_401_OG [0x191] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2012/01/20 | 06:19:00.5 | AOCS_Ore-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2012/01/20 | 06:19:16.0 | XRT_FLD_DIS_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2012/01/20 | 06:19:18.0 | XRT_FLRCTRL_DIS_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2012/01/20 | 06:19:20.0 | XRT_ARS_DIS_438_OG [0x1b6] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2012/01/20 | 06:21:58.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 05 | | | | |
| 2012/01/20 | 06:22:00.0 | XRT_CTRL_AUTO_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |

Jan 19, 12 13:45

XRT_OGLIST_0383.chk

Page 3/5

| | | | | | | |
|------------|------------|-----------------------------------|---------------------|---|-------|----------------|
| 2012/01/20 | 06:28:54.0 | XRT_CTRL_MANU_439_OG [0x1b7] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2012/01/20 | 06:29:00.0 | AOCS_Ore-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 |
| 2012/01/20 | 06:31:26.0 | XRT_FOCUS_POSITION_409_OG [0x199] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2012/01/20 | 06:31:46.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2012/01/20 | 06:31:48.0 | XRT_FLRCTRL_ENA_413_OG [0x19d] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2012/01/20 | 06:31:50.0 | XRT_AEC_RESET_443_OG [0x1bb] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2012/01/20 | 06:31:52.0 | XRT_ARS_DIS_431_OG [0x1af] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2012/01/20 | 06:31:54.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2012/01/20 | 06:31:56.0 | XRT_QT_PROG_SET_445_OG [0x1bd] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 04 |
| 2012/01/20 | 06:31:58.0 | XRT_FL_PROG_SET_414_OG [0x19e] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 03 |
| 2012/01/20 | 06:32:00.0 | XRT_CTRL_AUTO_406_OG [0x196] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2012/01/20 | 07:23:00.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2012/01/20 | 07:23:02.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2012/01/20 | 07:23:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2012/01/20 | 07:26:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2012/01/20 | 07:46:30.0 | XRT_Custom_418_OG [0x1a2] | | | | |
| 2012/01/20 | 07:47:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2012/01/20 | 09:03:00.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2012/01/20 | 09:03:02.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2012/01/20 | 09:03:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2012/01/20 | 09:06:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2012/01/20 | 09:22:30.0 | XRT_Custom_418_OG [0x1a2] | | | | |
| 2012/01/20 | 09:23:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2012/01/20 | 10:45:30.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2012/01/20 | 10:45:32.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2012/01/20 | 10:45:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2012/01/20 | 10:48:00.0 | XRT_Custom_418_OG [0x1a2] | | | | |
| 2012/01/20 | 10:48:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2012/01/20 | 10:49:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2012/01/20 | 14:31:00.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2012/01/20 | 14:31:02.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2012/01/20 | 14:31:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2012/01/20 | 14:34:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2012/01/20 | 14:40:30.0 | XRT_Custom_418_OG [0x1a2] | | | | |
| 2012/01/20 | 14:41:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2012/01/20 | 16:05:00.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2012/01/20 | 16:05:02.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2012/01/20 | 16:05:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2012/01/20 | 16:08:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2012/01/20 | 16:28:30.0 | XRT_Custom_418_OG [0x1a2] | | | | |
| 2012/01/20 | 16:29:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2012/01/20 | 17:42:00.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2012/01/20 | 17:42:02.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2012/01/20 | 17:42:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2012/01/20 | 17:45:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2012/01/20 | 18:05:24.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2012/01/20 | 18:05:26.0 | XRT_FOCUS_POSITION_401_OG [0x191] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2012/01/20 | 18:05:30.0 | AOCS_Ore-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2012/01/20 | 18:05:46.0 | XRT_FLD_DIS_402_OG [0x192] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |

Jan 19, 12 13:45

XRT_OGLIST_0383.chk

Page 4/5

| | | | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----|----|----|----|----|
| 2012/01/20 | 18:05:48.0 | XRT_FLRCTRL_DIS_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2012/01/20 | 18:05:50.0 | XRT_ARS_DIS_438_OG [0x1b6] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2012/01/20 | 18:08:28.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 05 | | | |
| 2012/01/20 | 18:08:30.0 | XRT_CTRL_AUTO_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2012/01/20 | 18:15:24.0 | XRT_CTRL_MANU_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2012/01/20 | 18:15:30.0 | AOCS_OrE-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 | 00 | 00 | 00 | 00 |
| 2012/01/20 | 18:17:56.0 | XRT_FOCUS_POSITION_409_OG [0x199] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2012/01/20 | 18:18:16.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2012/01/20 | 18:18:18.0 | XRT_FLRCTRL_ENA_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2012/01/20 | 18:18:20.0 | XRT_AEC_RESET_443_OG [0x1bb] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2012/01/20 | 18:18:22.0 | XRT_ARS_DIS_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2012/01/20 | 18:18:24.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2012/01/20 | 18:18:26.0 | XRT_QT_PROG_SET_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0f | | | |
| 2012/01/20 | 18:18:28.0 | XRT_FL_PROG_SET_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 03 | | | |
| 2012/01/20 | 18:18:30.0 | XRT_CTRL_AUTO_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2012/01/20 | 19:19:00.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2012/01/20 | 19:19:02.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2012/01/20 | 19:19:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2012/01/20 | 19:22:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2012/01/20 | 19:42:00.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2012/01/20 | 19:43:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2012/01/20 | 20:56:30.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2012/01/20 | 20:56:32.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2012/01/20 | 20:56:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2012/01/20 | 20:59:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2012/01/20 | 21:19:30.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2012/01/20 | 21:20:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2012/01/20 | 22:34:00.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2012/01/20 | 22:34:02.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2012/01/20 | 22:34:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2012/01/20 | 22:37:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2012/01/20 | 22:54:30.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2012/01/20 | 22:55:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2012/01/21 | 00:11:00.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2012/01/21 | 00:11:02.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2012/01/21 | 00:11:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2012/01/21 | 00:14:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2012/01/21 | 00:19:00.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2012/01/21 | 00:20:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2012/01/21 | 01:35:00.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2012/01/21 | 01:35:02.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2012/01/21 | 01:35:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2012/01/21 | 01:38:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2012/01/21 | 01:53:30.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2012/01/21 | 01:54:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2012/01/21 | 03:10:00.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2012/01/21 | 03:10:02.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2012/01/21 | 03:10:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2012/01/21 | 03:13:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |

Jan 19, 12 13:45

XRT_OGLIST_0383.chk

Page 5/5

| | | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|
| 2012/01/21 | 03:31:00.0 | XRT_Custom_418_OG [0x1a2] | | | | | | |
| 2012/01/21 | 03:32:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2012/01/21 | 04:40:00.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2012/01/21 | 04:40:02.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2012/01/21 | 04:40:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2012/01/21 | 04:43:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2012/01/21 | 05:08:00.0 | XRT_Custom_418_OG [0x1a2] | | | | | | |
| 2012/01/21 | 05:09:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2012/01/21 | 05:52:24.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2012/01/21 | 05:52:26.0 | XRT_FOCUS_POSITION_401_OG [0x191] | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | |
| 2012/01/21 | 05:52:30.0 | AOCS_Ore-point_Start_2_OG [0x098] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | |
| 2012/01/21 | 05:52:46.0 | XRT_FLD_DIS_402_OG [0x192] | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | |
| 2012/01/21 | 05:52:48.0 | XRT_FLRCTRL_DIS_433_OG [0x1b1] | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | |
| 2012/01/21 | 05:52:50.0 | XRT_ARS_DIS_438_OG [0x1b6] | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2012/01/21 | 05:55:28.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 05 | | | |
| 2012/01/21 | 05:55:30.0 | XRT_CTRL_AUTO_406_OG [0x196] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2012/01/21 | 06:02:24.0 | XRT_CTRL_MANU_439_OG [0x1b7] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2012/01/21 | 06:02:30.0 | AOCS_Ore-point_Start_3_OG [0x099] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | | | |
| 2012/01/21 | 06:04:56.0 | XRT_FOCUS_POSITION_409_OG [0x199] | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | |
| 2012/01/21 | 06:05:16.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2012/01/21 | 06:05:18.0 | XRT_FLRCTRL_ENA_413_OG [0x19d] | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2012/01/21 | 06:05:20.5 | XRT_AEC_RESET_443_OG [0x1bb] | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2012/01/21 | 06:05:22.5 | XRT_ARS_DIS_431_OG [0x1af] | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2012/01/21 | 06:05:24.5 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2012/01/21 | 06:05:26.5 | XRT_QT_PROG_SET_407_OG [0x197] | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0f | | | |
| 2012/01/21 | 06:05:28.5 | XRT_FL_PROG_SET_414_OG [0x19e] | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 03 | | | |
| 2012/01/21 | 06:05:30.5 | XRT_CTRL_AUTO_406_OG [0x196] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2012/01/21 | 06:20:30.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2012/01/21 | 06:20:32.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2012/01/21 | 06:20:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2012/01/21 | 06:23:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2012/01/21 | 06:45:30.5 | XRT_Custom_418_OG [0x1a2] | | | | | | |
| 2012/01/21 | 06:46:30.5 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2012/01/21 | 08:00:30.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2012/01/21 | 08:00:32.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2012/01/21 | 08:00:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2012/01/21 | 08:03:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2012/01/21 | 08:22:30.0 | XRT_Custom_418_OG [0x1a2] | | | | | | |
| 2012/01/21 | 08:23:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2012/01/21 | 09:40:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2012/01/21 | 10:15:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | |