

XRT Timeline to be uploaded on 2011/09/22

Period: 2011/09/22 10:25:00 - 2011/09/27 10:27:00

* * * * *

Normal mode

* * * * *

| XOB #18AB: AR Standard-A(Filter-Ratio) with PFB, shorter thin-Be, thick Al and Al/Poly context, 384x384 at 1064 1048, 4min cad | | | | | | | | | | | | |
|--|--|-------|------|-------|---|-----|-----|----------------------|-------|------------|----------|---------|
| Term | Pointing (x, y) | | | | Comment | | | | | | | |
| 09/22 10:43:06 - 09/22 17:34:00 | Track (712.1, 263.7) <small>© 09/22 10:35:00</small> | | | | # OP start + 10min, Observe AR 11295 (HOP-194). | | | | | | | |
| 09/23 05:57:30 - 09/23 09:59:54 | Track (-425.2, 191.3) <small>© 09/23 05:54:30</small> | | | | # Switch target to AR 11301 (and HOP-194). | | | | | | | |
| 09/23 18:00:30 - 09/24 05:59:54 | Track (-272.9, 202.1) <small>© 09/23 17:57:30</small> | | | | # AR 11301 cont. | | | | | | | |
| 09/24 06:13:00 - 09/24 09:00:00 | Track (-225.6, 184.2) <small>© 09/24 06:10:00</small> | | | | # AR 11301 cont. (HOP-194) | | | | | | | |
| PROG= 06 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= 15 4-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 512x512 (1024, 1024) | 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 | 2.0sec |
| └─ thin-Be/Open | med-Be/Open | close | Safe | Norm | 5.66s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| └─ Open/thick-Al | Open/thick-Al | close | Safe | Norm | 16.0s | Obs | 1x1 | 512x512 (1024, 1024) | 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 | | | | | | | |
| 09/22 18:02:30 - 09/22 18:09:24 | Fixed (0.0, 0.0) | | | | synoptic, shifted -0.5 min | | | | | | | |
| 09/23 05:47:30 - 09/23 05:54:24 | Fixed (0.0, 0.0) | | | | synoptic, shifted -15.5 min | | | | | | | |
| 09/23 17:50:30 - 09/23 17:57:24 | Fixed (0.0, 0.0) | | | | synoptic, shifted -12.5 min | | | | | | | |
| 09/24 06:03:00 - 09/24 06:09:54 | Fixed (0.0, 0.0) | | | | synoptic | | | | | | | |
| PROG= 11 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= 91 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 |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

| XOB #18AA: AR Standard-A(Filter-Ratio) with PFB, shorter thin-Be, thick Al and Al/Poly context, 384x384 at 1064 1048, 150s cad | | | | | | | | | | | | |
|--|---|-------|------|------|-----------------------|-----|-----|----------------------|------|---|---|---------|
| Term | Pointing (x, y) | | | | Comment | | | | | | | |
| 09/22 18:12:30 - 09/23 05:44:24 | Track (749.4, 270.2) <small>© 09/22 18:09:30</small> | | | | # Return to AR 11295. | | | | | | | |
| PROG= 14 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= 15 4-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 512x512 (1024, 1024) | 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 | 2.0sec |
| └─ thin-Be/Open | med-Be/Open | close | Safe | Norm | 5.66s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| └─ Open/thick-Al | Open/thick-Al | close | Safe | Norm | 16.0s | Obs | 1x1 | 512x512 (1024, 1024) | Q=95 | 3 | 0 | 2.0sec |
| └─ Subr= 2 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 62 15-time(s) 150.0sec | | | | | | | | | | | | |
| └─ 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 #18A5: North pole+AR - Ti/poly 512ms, G-band - 2x2-fov2048x1024-center(1024,640)-2min

| Term | Pointing (x, y) | Comment |
|---------------------------------|----------------------|--|
| 09/23 10:03:00 - 09/23 17:47:24 | Fixed (-9.0, 880.0) | # HOP-81 at N. Pole (day 1) |
| PROG= 05 1-time(s) | | |
| Subr= 1 1-time(s) 2.0sec | | |
| Seqn= 34 1-time(s) 2.0sec | | |
| Open/G-band | Open/G-band open | Safe Norm 12ms Obs 2x2 2048x1024 (1024, 640) Q=95 0 0 2.0sec |
| Subr= 2 15-time(s) 2.0sec | | |
| Seqn= 16 2-time(s) 120.0sec | | |
| Open/Ti-poly | Open/thick-Al close | Safe Norm 500ms Obs 2x2 2048x1024 (1024, 640) Q=95 0 0 2.0sec |
| Default Filter | Thicker Filter | VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval |

* * * * *

Flare mode

* * * * *

XOB #1869: Flare standard obs. multifilter (thin-Be,med-Al,thick-Be 384x384 - Al-poly 512x512 2x2)

| Term | Pointing (x, y) | Comment |
|---------------------------------|--|--|
| 09/22 10:43:06 - 09/22 17:34:00 | Track (712.1, 263.7) ^{Ⓢ 09/22 10:35:00} | # OP start + 10min, Observe AR 11295 (HOP-194). |
| 09/22 18:12:30 - 09/23 05:44:24 | Track (749.4, 270.2) ^{Ⓢ 09/22 18:09:30} | # Return to AR 11295. |
| 09/23 05:57:30 - 09/23 09:59:54 | Track (-425.2, 191.3) ^{Ⓢ 09/23 05:54:30} | # Switch target to AR 11301 (and HOP-194). |
| 09/23 10:03:00 - 09/23 17:47:24 | Fixed (-9.0, 880.0) | # HOP-81 at N. Pole (day 1) |
| 09/23 18:00:30 - 09/24 05:59:54 | Track (-272.9, 202.1) ^{Ⓢ 09/23 17:57:30} | # AR 11301 cont. |
| 09/24 06:13:00 - 09/24 09:00:00 | Track (-225.6, 184.2) ^{Ⓢ 09/24 06:10:00} | # AR 11301 cont. (HOP-194) |
| PROG= 13 1-time(s) | | |
| Subr= 1 4-time(s) 2.0sec | | |
| Seqn= 55 45-time(s) 20.0sec | | |
| thin-Be/Open | med-Be/Open close | Safe Norm 250ms Obs 1x1 384x384 (1024, 1024) Q=95 3 0 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 |
| Al-poly/Open | Al-poly/thick-Al close | Safe Norm 125ms Obs 2x2 512x512 (1024, 1024) Q=95 2 0 2.0sec |
| 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 |
| Subr= 2 1-time(s) 600.0sec | | |
| Seqn= 89 1-time(s) 2.0sec | | |
| Open/Al-mesh | Open/thick-Al close | Safe Norm 500ms Obs 1x1 384x384 (1024, 1024) Q=95 1 0 2.0sec |
| Open/Ti-poly | Open/thick-Be close | Safe Norm 500ms Obs 1x1 384x384 (1024, 1024) Q=95 1 0 2.0sec |
| Open/G-band | Open/G-band open | Safe Norm 63ms Obs 1x1 384x384 (1024, 1024) Q=98 0 0 2.0sec |
| Open/Al-mesh | Open/Al-mesh close | Safe Dark 1.00s Obs 1x1 384x384 (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 |

* * * * *

Active Region Search

* * * * *

NOT USED

* * * * *

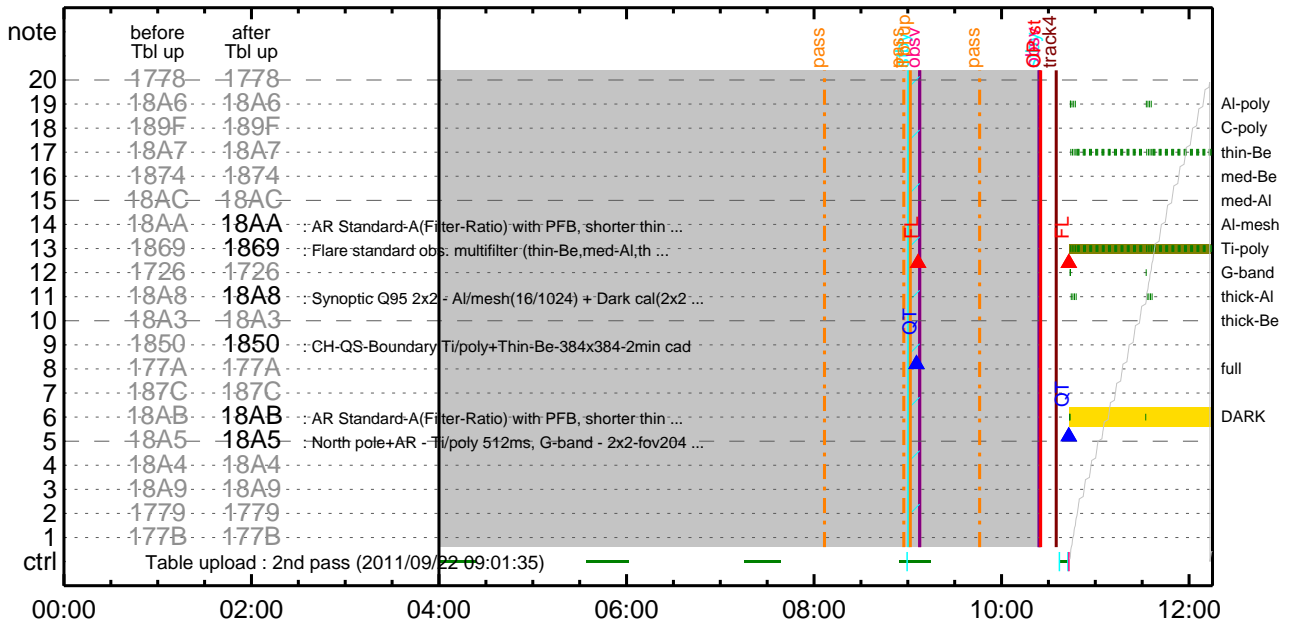
Flare Detection

* * * * *

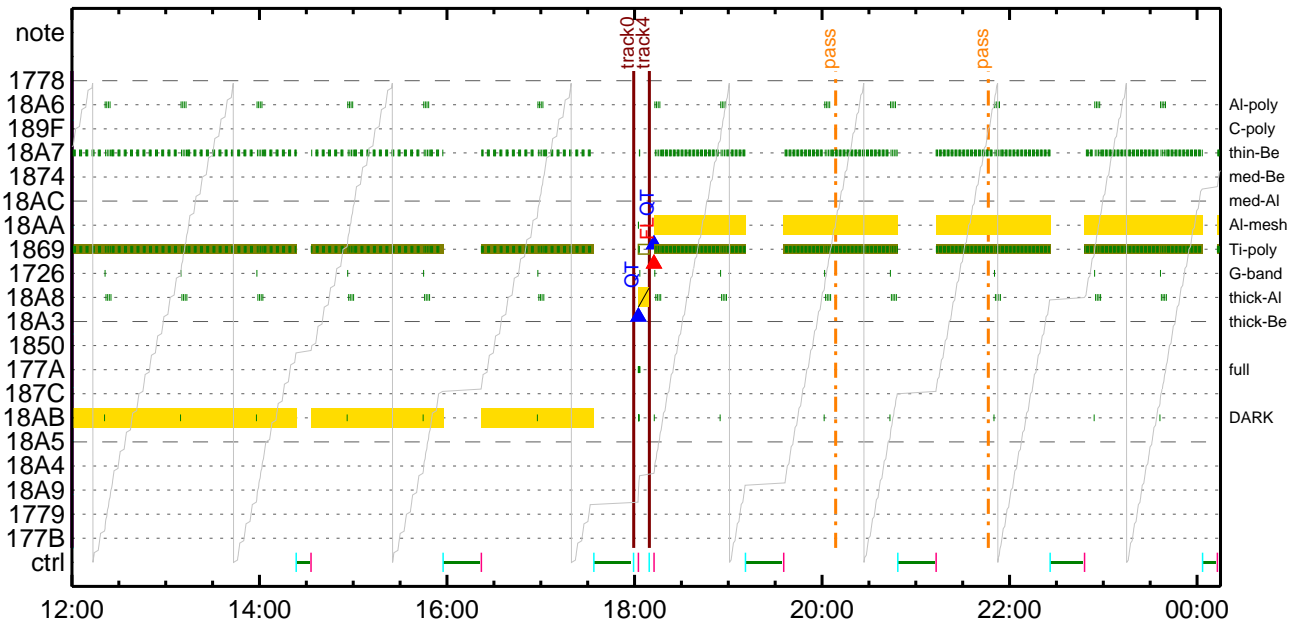
FLD Patrol

| Term | Pointing (x, y) | Comment |
|---------------------------------|--|--|
| 09/22 18:09:46 - 09/23 05:44:46 | Track (749.4, 270.2) ^{Ⓢ 09/22 18:09:30} | # Return to AR 11295. |
| 09/23 05:54:46 - 09/23 17:47:46 | Track (-425.2, 191.3) ^{Ⓢ 09/23 05:54:30} | # Switch target to AR 11301 (and HOP-194). |
| 09/23 17:57:46 - 09/24 06:00:16 | Track (-272.9, 202.1) ^{Ⓢ 09/23 17:57:30} | # AR 11301 cont. |
| 09/24 06:10:16 - 09/27 10:27:00 | Track (-225.6, 184.2) ^{Ⓢ 09/24 06:10:00} | # AR 11301 cont. (HOP-194) |
| 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 |

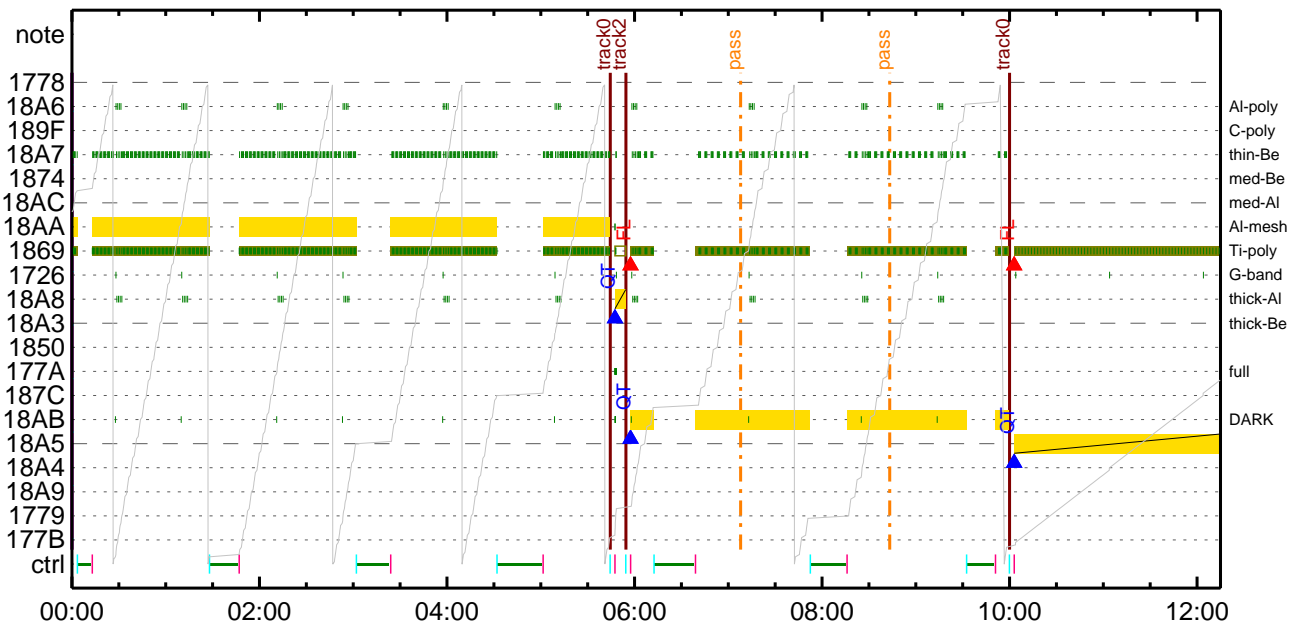
CMDI #0162 2011/09/22



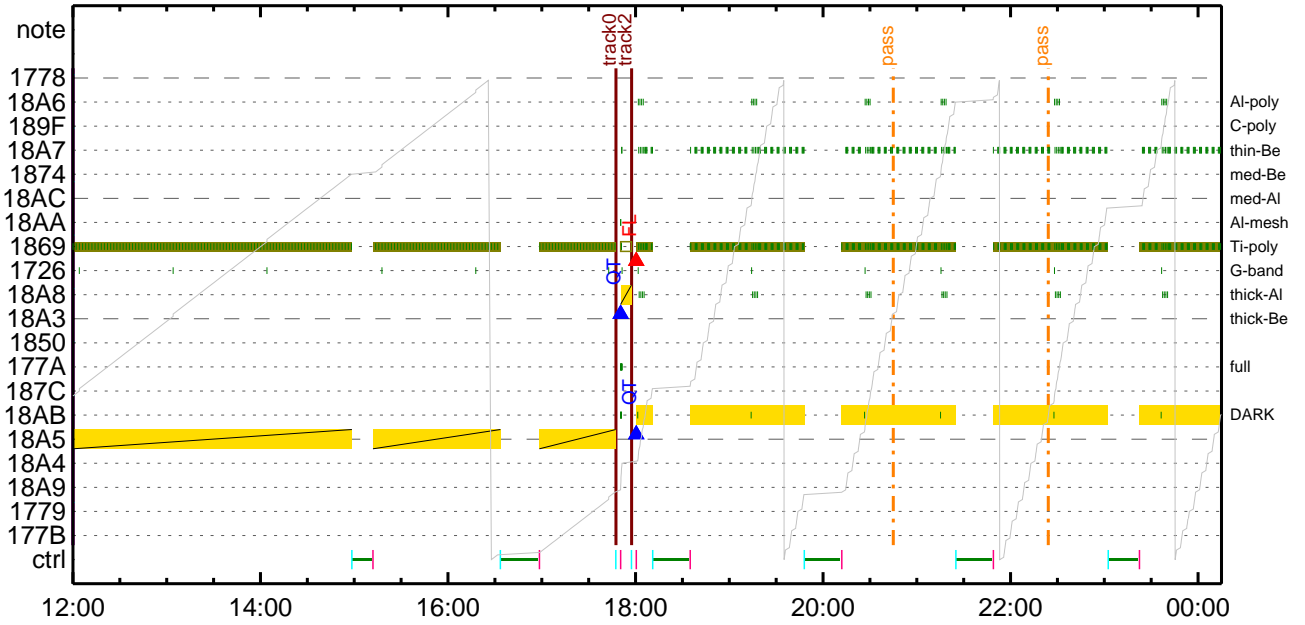
CMDI #0162 2011/09/22



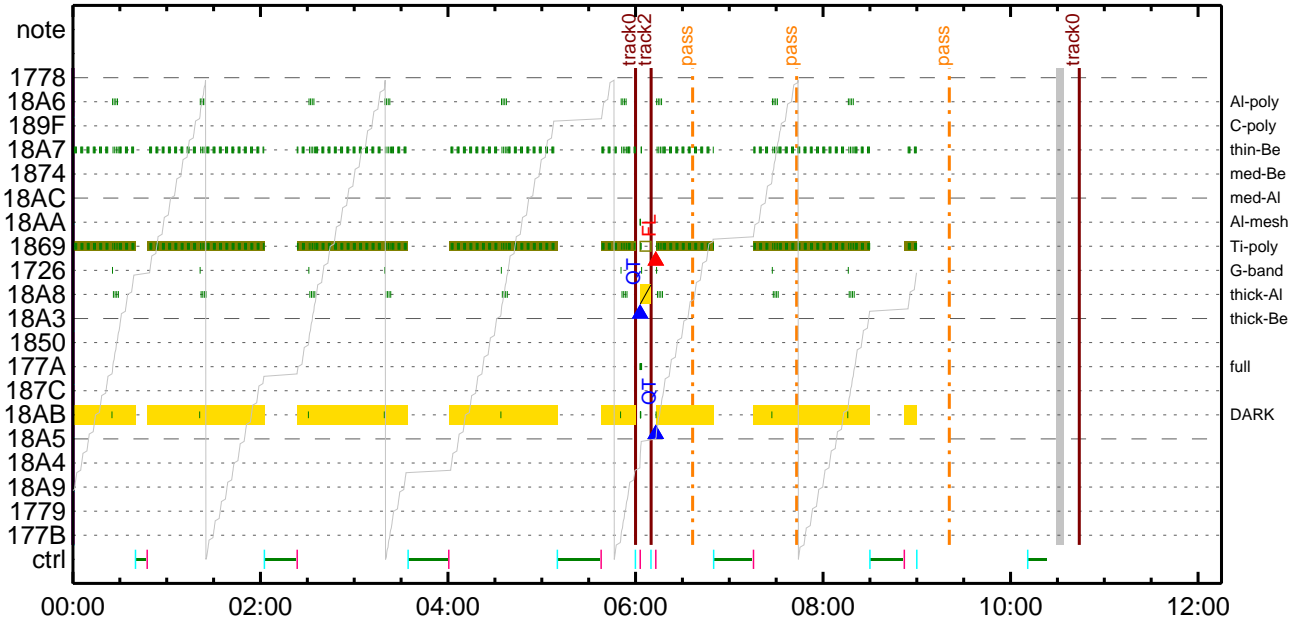
CMDI #0162 2011/09/23



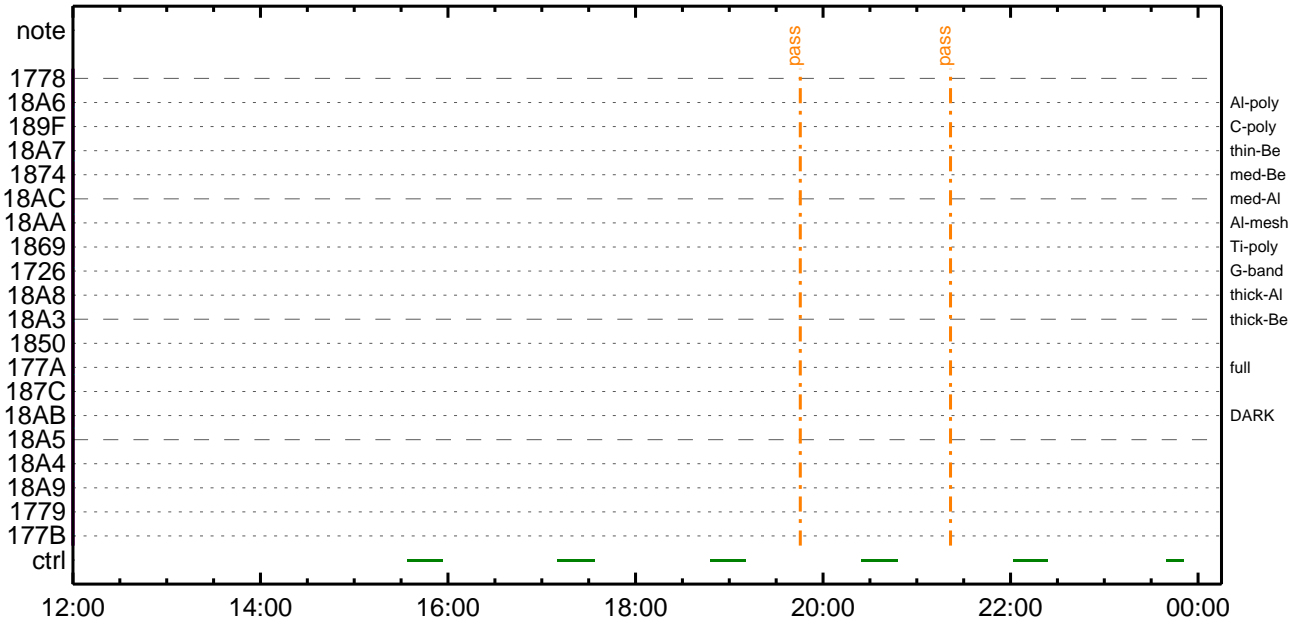
CMDI #0162 2011/09/23



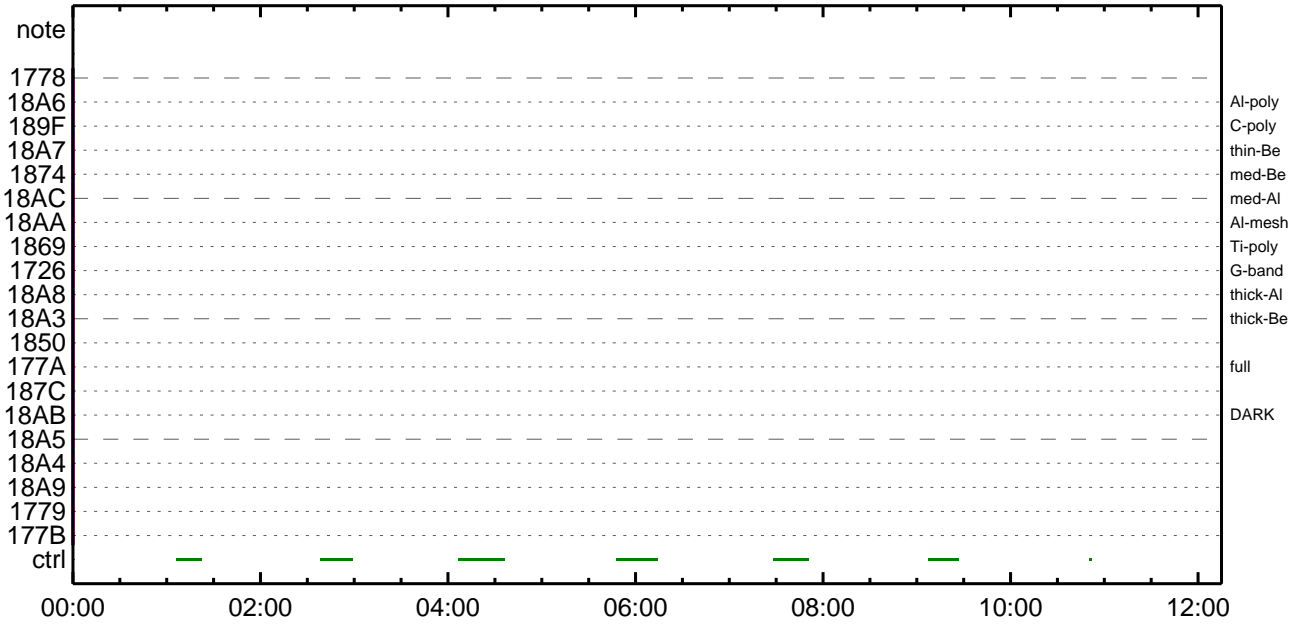
CMDI #0162 2011/09/24



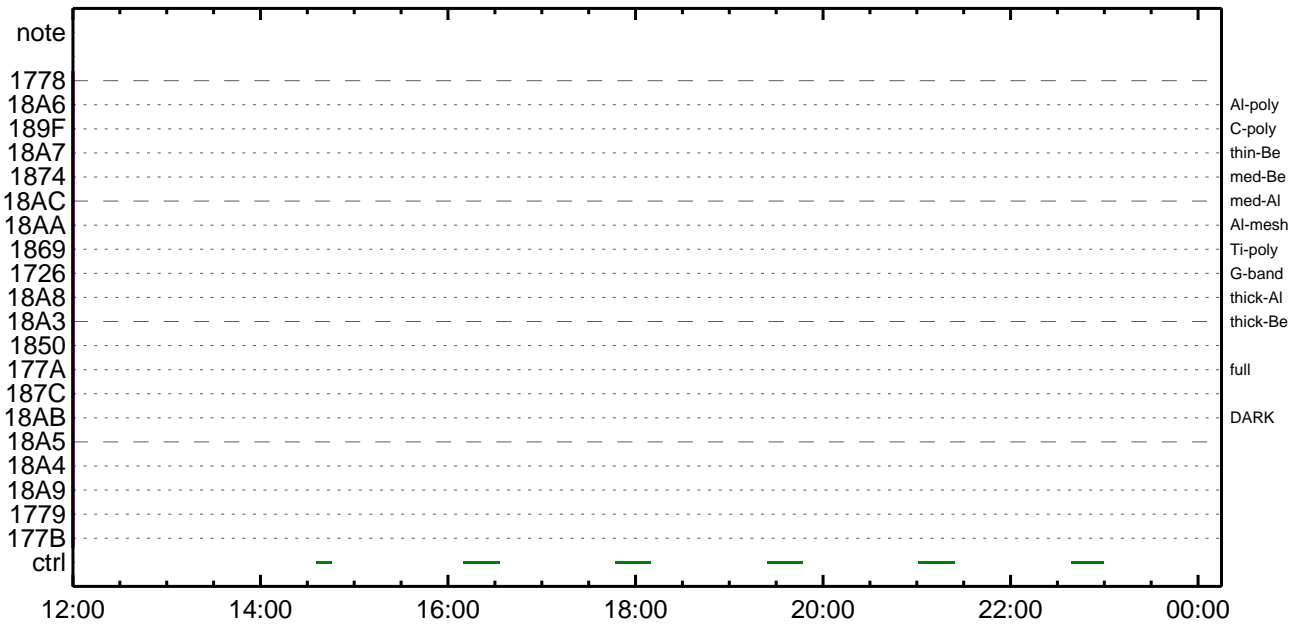
CMDI #0162 2011/09/24



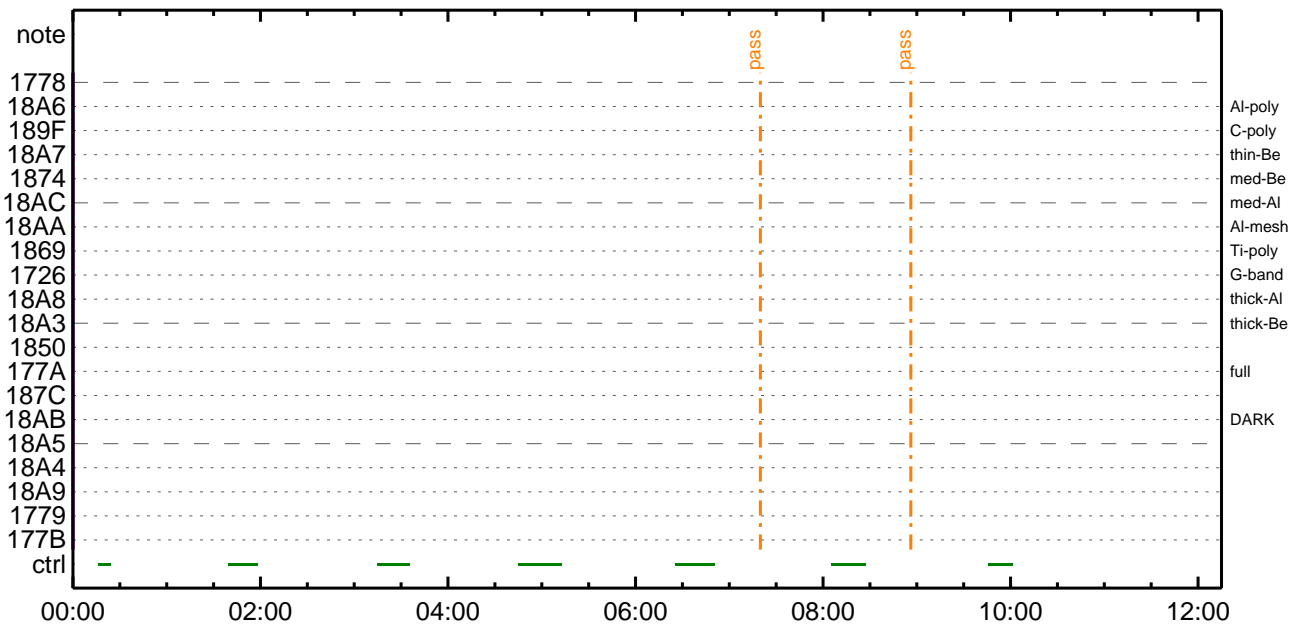
CMDI #0162 2011/09/25



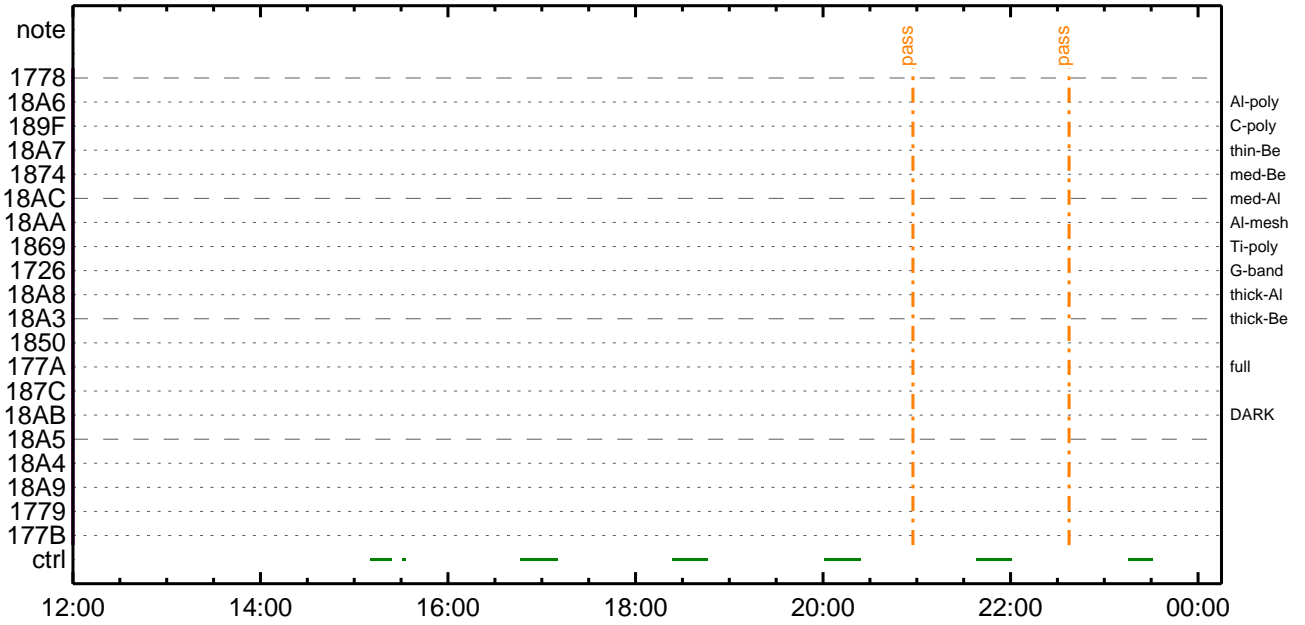
CMDI #0162 2011/09/25



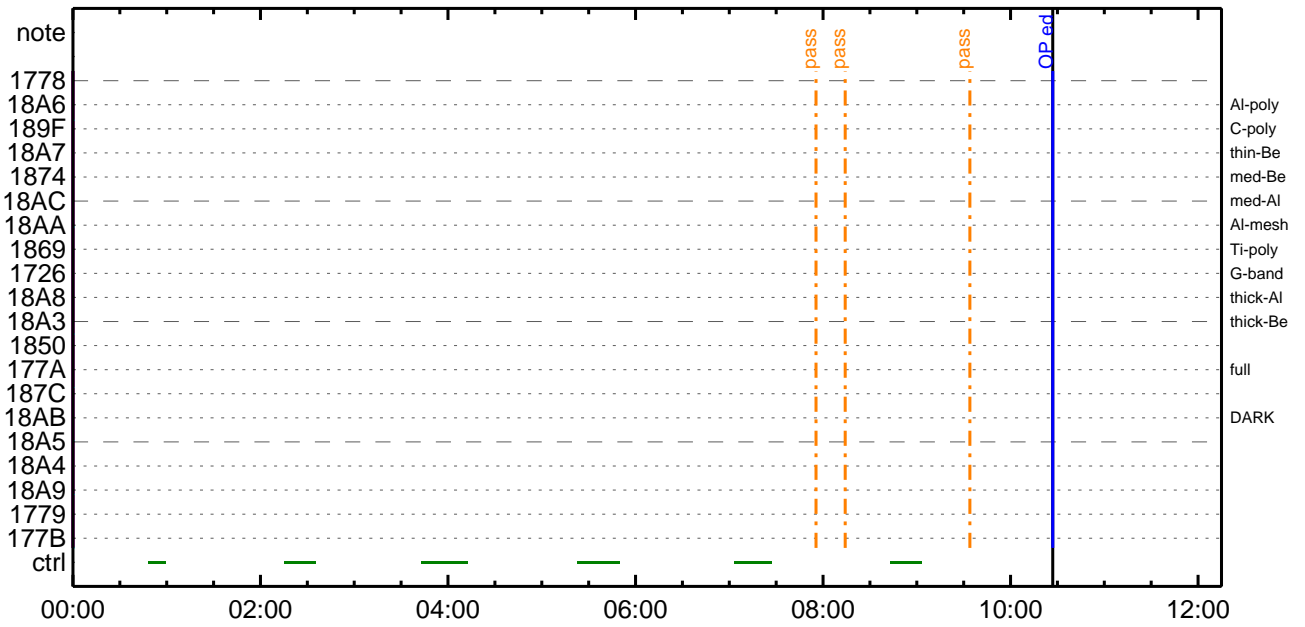
CMDI #0162 2011/09/26



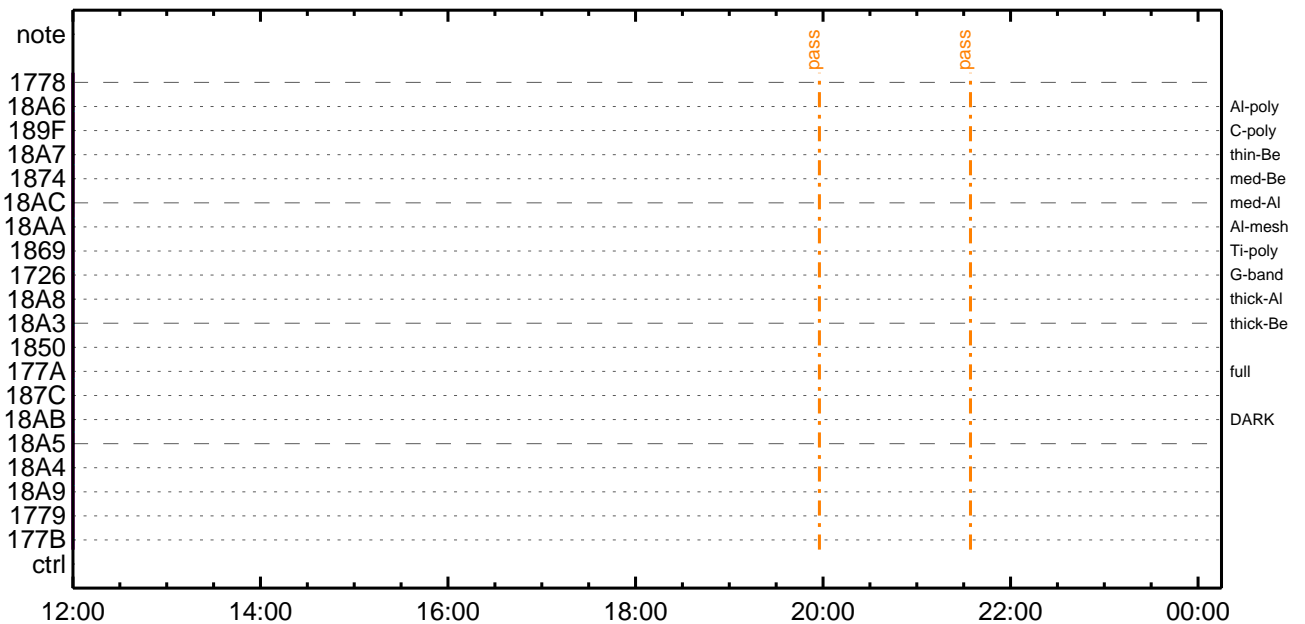
CMDI #0162 2011/09/26



CMDI #0162 2011/09/27



CMDI #0162 2011/09/27




```

0096 C.
0097 C.
0098 C.
0099 . C. OP/OGY1;¼YE;ã
0100 C.
0101 C.
0102 . C. ;ãOP/OGY1;¼YE;ã
0103 . S. OP op-350:OP
0104 ( )
0105 . S. OG og-350:OG
0106 ( )
0107 C.
0108 . C. ;ãNMOG&OPîî°è¥ÅYó¥x;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. ¥ÅYó¥x½ª î»òð³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 . C. RAM ID=NMOG□î¼È¹ç•è²ïOK□ð³îÇ§
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. ¥ÅYó¥x½ª î»òð³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 . C. RAM ID=NMOG□î¼È¹ç•è²ïOK□ð³îÇ§
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. ¥ÅYó¥x½ª î»òð³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 . C. RAM ID=NMOG,RAM ID=OP□î¼È¹ç•è²ïOK□ð³îÇ§
0165 C.
0166 . C. ***** °Ê²¼□î¼Ä´¶Á°êÈ¬□°À÷¿® (¼âµ-¥ÅYó¥x½ê½ç□ðÁÔË□ç¼ª°□ðè¼i¹ç□ç□â) *****
0167 C. DHUYâ;¼YE;È¼Y½, ¥i;¼YE;È□ðîã¹
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 UPLOAD□-Á÷¿®NG□î¼i¹ç;ç°Ê²¼□î¼TI-CMDÁ÷¿®□î¼Ä¹Ô□□È□□□³□È;ç
0180 C. □ð□¿;çSET□ÈDUMP□î¼±°i¥N¥¹□ç¹Ô□□³□È;ç
0181 C.
0182 . C. TIY³¥ð¥ó¥È□ððÄî¿¿¿(UT)
0183 +. TI 2011-09-22 10:20:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2011-09-22 10:20:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2011-09-22 10:20:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

```


(a) Spacecraft Operation Procedure (real-commands)

```
main-351 2011-09-22 12:56:24 155 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;Èα¿αÁα•μ°È»Í×ÁÇαÍYÇYÁY×Yí;¼YÉ;ÈÈ%μ•íÉ;ÈÈ%°ÇÔα•α¿¼l¹çαÍ;çÁ®, ùα¹αÈαBαÇÁ+¿®α•αÈααα³αÈ;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.
0046 C. ***** XRT START *****
0047 C.
0048 +. DC 07-F0 MDP_XRT_CTRL_MANU
0049 BC (c1)
0050 + DC 07-F0 MDP_XRT_MODE_STBY
0051 BC (c3)
0052 . C. ----- Success Verify ? OK / NG_____
0053 C.
0054 C. XRT Obs. Table Upload
0055 . S. RAM ram-291:MDP_OBS_X
0056 ( )
0057 C.
0058 +. DC 07-F0 MDP_DUMP_XRTTBL
0059 BC (84 07 00 00 00 3a d4)
0060 . C. ----- Comparison Check ? OK / ERR _____
0061 C.
0062 C.
0063 +. DC 07-F0 MDP_XRT_ROI_SET
0064 BC (cd 01 b1 b1 04 04)
0065 + DC 07-F0 MDP_XRT_ROI_SET
0066 BC (cd 02 b1 b1 08 08)
0067 + DC 07-F0 MDP_XRT_ROI_SET
0068 BC (cd 03 b1 b1 08 08)
0069 + DC 07-F0 MDP_XRT_ROI_SET
0070 BC (cd 04 b1 b1 06 06)
0071 + DC 07-F0 MDP_XRT_ROI_SET
0072 BC (cd 05 85 83 06 06)
0073 + DC 07-F0 MDP_XRT_ROI_SET
0074 BC (cd 06 85 80 06 06)
0075 + DC 07-F0 MDP_XRT_ROI_SET
0076 BC (cd 07 85 83 06 06)
0077 + DC 07-F0 MDP_XRT_ROI_SET
0078 BC (cd 08 80 80 08 08)
0079 + DC 07-F0 MDP_XRT_ROI_SET
0080 BC (cd 09 80 80 20 20)
0081 + DC 07-F0 MDP_XRT_ROI_SET
0082 BC (cd 0a 80 80 20 08)
0083 + DC 07-F0 MDP_XRT_ROI_SET
0084 BC (cd 0b 80 80 08 20)
0085 + DC 07-F0 MDP_XRT_ROI_SET
0086 BC (cd 0c 80 50 20 10)
0087 + DC 07-F0 MDP_XRT_ROI_SET
0088 BC (cd 0f 80 80 06 06)
0089 + DC 07-F0 MDP_XRT_ROI_SET
0090 BC (cd 10 80 80 08 08)
0091 + DC 07-F0 MDP_XRT_FLD_ENA
0092 BC (d8)
0093 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0094 BC (c8)
0095 +. DC 07-F0 MDP_XRT_AEC_RESET
```

```

0096 BC (d0)
0097 + DC 07-F0 MDP_XRT_ARS_DIS
0098 BC (d5)
0099 +. DC 07-F0 MDP_XRT_FLD_RESET
0100 BC (da)
0101 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0102 BC (c4 09)
0103 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0104 BC (c5 0d)
0105 . C. ----- Success Verify ? OK / NG ____
0106 C.
0107 C.
0108 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0109 C.
0110 +. DC 07-F0 MDP_XRT_MODE_OBSV
0111 BC (c2)
0112 +. TI 2011-09-22 10:24:02.0
0113 DC 07-F0 MDP_XRT_MODE_OBSV
0114 BC (c2)
0115 . C. ----- Success Verify ? OK / NG ____
0116 C.
0117 C. ***** XRT END *****
0118 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0119 +. DC 07-FC EIS_MODE_MANU
0120 BC (21 02)
0121 . C. Verify EIS in MANUAL mode
0122 . C. Estimated OBSTBL upload time is 29s
0123 C. *****
0124 C. EIS START OBSTBL LOAD
0125 C. *****
0126 . S. RAM ram-820:EIS_OBSTBL
0127 ( )
0128 +. DC 07-FC EIS_DUMP_OBSTBL
0129 BC (07 07 07 00 00 70 00)
0130 C.
0131 C. Execute, after the success of OBSTBL upload.
0132 C. Set EIS TI-commands
0133 +. TI 2011-09-22 10:24:50.0
0134 DC 07-FC EIS_MODE_CHG_ENA
0135 BC (20)
0136 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0137 C. *****
0138 C. EIS END OBSTBL LOAD
0139 C. *****
0140 C.
0141 . C. ***** MDP `úÃîï»ö%ÝðĒĀð¹ñēDCBC•x²è *****
0142 C. (%á°îÿÓŸĀŸĒŸpŸĒŸáŸçŸèñĒ%¼ññ¼Ā»Ūñ¹ñè)
0143 . S. DC-BC dcbc-402:DCBC
0144 (MDP_known_event)
0145 C.
0146 C.
0147 . C. ***** ŸDŸ¹•İ Daily±¿İññĒ`Øñ¹ñēDCBC•x²è *****
0148 . S. DC-BC dcbc-153:DCBC
0149 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0150 C.
0151 C.
0152 . C. ;ãLOSŸĀŸŸŸĀŸ~¼Ā»Ū;ä
0153 C.
0154 . C. ***** LOS *****
0155 C.

```


Sep 22, 11 12:56

XRT_OGLIST_0162.chk

Page 1/6

*** OP Sequence for XRT ***

| | | | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----|----|----|----|-------|
| 2011/09/22 | 10:35:00.0 | AOCS_OrE-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 | 00 | 00 | 00 | 00 |
| 2011/09/22 | 10:37:00.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |
| 2011/09/22 | 10:37:02.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | | | | | da |
| 2011/09/22 | 10:37:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | | | | | e8 |
| 2011/09/22 | 10:40:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | | | | | e9 |
| 2011/09/22 | 10:42:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |
| 2011/09/22 | 10:42:32.0 | XRT_FOCUS_POSITION_409_OG [0x199] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | | 00 |
| 2011/09/22 | 10:42:52.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | | | | | d8 |
| 2011/09/22 | 10:42:54.0 | XRT_FLRCTRL_ENA_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | | | | | c8 |
| 2011/09/22 | 10:42:56.0 | XRT_AEC_RESET_443_OG [0x1bb] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | | | | | d0 |
| 2011/09/22 | 10:42:58.0 | XRT_ARS_DIS_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | | | | | d5 |
| 2011/09/22 | 10:43:00.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | | | | | da |
| 2011/09/22 | 10:43:02.0 | XRT_QT_PROG_SET_445_OG [0x1bd] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | | | | | c4 06 |
| 2011/09/22 | 10:43:04.0 | XRT_FL_PROG_SET_420_OG [0x1a4] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | | | | | c5 0d |
| 2011/09/22 | 10:43:06.0 | XRT_CTRL_AUTO_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | | | | c0 |
| 2011/09/22 | 14:23:30.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |
| 2011/09/22 | 14:23:32.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | | | | | da |
| 2011/09/22 | 14:23:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | | | | | e8 |
| 2011/09/22 | 14:26:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | | | | | e9 |
| 2011/09/22 | 14:32:00.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2011/09/22 | 14:33:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | | | | c0 |
| 2011/09/22 | 15:57:30.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |
| 2011/09/22 | 15:57:32.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | | | | | da |
| 2011/09/22 | 15:57:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | | | | | e8 |
| 2011/09/22 | 16:00:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | | | | | e9 |
| 2011/09/22 | 16:21:00.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2011/09/22 | 16:22:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | | | | c0 |
| 2011/09/22 | 17:34:00.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |
| 2011/09/22 | 17:34:02.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | | | | | da |
| 2011/09/22 | 17:34:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | | | | | e8 |
| 2011/09/22 | 17:37:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | | | | | e9 |
| 2011/09/22 | 17:59:24.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |
| 2011/09/22 | 17:59:26.0 | XRT_FOCUS_POSITION_401_OG [0x191] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | | 00 |
| 2011/09/22 | 17:59:30.0 | AOCS_OrE-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| 2011/09/22 | 17:59:46.0 | XRT_FLD_DIS_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | | | | | d9 |
| 2011/09/22 | 17:59:48.0 | XRT_FLRCTRL_DIS_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | | | | | c9 |
| 2011/09/22 | 17:59:50.0 | XRT_ARS_DIS_438_OG [0x1b6] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | | | | | d5 |
| 2011/09/22 | 18:02:28.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | | | | | c4 0b |
| 2011/09/22 | 18:02:30.0 | XRT_CTRL_AUTO_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | | | | c0 |
| 2011/09/22 | 18:09:24.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |
| 2011/09/22 | 18:09:26.0 | XRT_FOCUS_POSITION_409_OG [0x199] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | | 00 |
| 2011/09/22 | 18:09:30.0 | AOCS_OrE-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 | 00 | 00 | 00 | 00 |
| 2011/09/22 | 18:09:46.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | | | | | d8 |
| 2011/09/22 | 18:09:48.0 | XRT_FLRCTRL_ENA_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | | | | | c8 |
| 2011/09/22 | 18:09:50.0 | XRT_AEC_RESET_443_OG [0x1bb] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | | | | | d0 |
| 2011/09/22 | 18:09:52.0 | XRT_ARS_DIS_427_OG [0x1ab] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | | | | | d5 |
| 2011/09/22 | 18:12:24.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |

Sep 22, 11 12:56

XRT_OGLIST_0162.chk

Page 2/6

| | | | | | | |
|------------|------------|-----------------------------------|---------------------------|---|-------|----------------|
| 2011/09/22 | 18:12:26.0 | XRT_QT_PROG_SET_437_OG [0x1b5] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2011/09/22 | 18:12:28.0 | XRT_FL_PROG_SET_420_OG [0x1a4] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0e |
| 2011/09/22 | 18:12:30.0 | XRT_CTRL_AUTO_406_OG [0x196] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d |
| 2011/09/22 | 19:11:00.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2011/09/22 | 19:11:02.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2011/09/22 | 19:11:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2011/09/22 | 19:14:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2011/09/22 | 19:34:30.0 | XRT_Custom_418_OG [0x1a2] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2011/09/22 | 19:35:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | XRT_Custom_418_OG [0x1a2] | | | |
| 2011/09/22 | 20:48:30.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2011/09/22 | 20:48:32.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2011/09/22 | 20:48:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2011/09/22 | 20:51:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2011/09/22 | 21:12:00.0 | XRT_Custom_418_OG [0x1a2] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2011/09/22 | 21:13:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | XRT_Custom_418_OG [0x1a2] | | | |
| 2011/09/22 | 22:26:00.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2011/09/22 | 22:26:02.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2011/09/22 | 22:26:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2011/09/22 | 22:29:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2011/09/22 | 22:47:00.0 | XRT_Custom_418_OG [0x1a2] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2011/09/22 | 22:48:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | XRT_Custom_418_OG [0x1a2] | | | |
| 2011/09/23 | 00:03:30.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2011/09/23 | 00:03:32.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2011/09/23 | 00:03:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2011/09/23 | 00:06:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2011/09/23 | 00:12:00.0 | XRT_Custom_418_OG [0x1a2] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2011/09/23 | 00:13:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | XRT_Custom_418_OG [0x1a2] | | | |
| 2011/09/23 | 01:28:00.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2011/09/23 | 01:28:02.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2011/09/23 | 01:28:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2011/09/23 | 01:31:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2011/09/23 | 01:46:00.0 | XRT_Custom_418_OG [0x1a2] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2011/09/23 | 01:47:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | XRT_Custom_418_OG [0x1a2] | | | |
| 2011/09/23 | 03:02:00.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2011/09/23 | 03:02:02.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2011/09/23 | 03:02:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2011/09/23 | 03:05:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2011/09/23 | 03:23:00.0 | XRT_Custom_418_OG [0x1a2] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2011/09/23 | 03:24:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | XRT_Custom_418_OG [0x1a2] | | | |
| 2011/09/23 | 04:32:00.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2011/09/23 | 04:32:02.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2011/09/23 | 04:32:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2011/09/23 | 04:35:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2011/09/23 | 05:00:30.0 | XRT_Custom_418_OG [0x1a2] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2011/09/23 | 05:01:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | XRT_Custom_418_OG [0x1a2] | | | |
| 2011/09/23 | 05:44:24.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2011/09/23 | 05:44:26.0 | XRT_FOCUS_POSITION_401_OG [0x191] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2011/09/23 | 05:44:30.5 | AOCS_ORe-point_Start_2_OG [0x098] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2011/09/23 | 05:44:46.0 | XRT_FLD_DIS_402_OG [0x192] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2011/09/23 | 05:44:48.0 | XRT_FLRCTRL_DIS_433_OG [0x1b1] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |

Sep 22, 11 12:56

XRT_OGLIST_0162.chk

Page 3/6

| | | | | | | |
|------------|------------|-----------------------------------|---------------------|---|-------|----------------|
| 2011/09/23 | 05:44:50.0 | XRT_ARS_DIS_438_OG [0x1b6] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2011/09/23 | 05:47:28.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0b |
| 2011/09/23 | 05:47:30.0 | XRT_CTRL_AUTO_406_OG [0x196] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2011/09/23 | 05:54:24.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2011/09/23 | 05:54:26.0 | XRT_FOCUS_POSITION_409_OG [0x199] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2011/09/23 | 05:54:30.0 | AOCS_Ore-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 02 01 58 04 e5 |
| 2011/09/23 | 05:54:46.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2011/09/23 | 05:54:48.0 | XRT_FLRCTRL_ENA_413_OG [0x19d] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2011/09/23 | 05:54:50.0 | XRT_AEC_RESET_443_OG [0x1bb] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2011/09/23 | 05:54:52.0 | XRT_ARS_DIS_427_OG [0x1ab] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2011/09/23 | 05:57:24.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2011/09/23 | 05:57:26.0 | XRT_QT_PROG_SET_445_OG [0x1bd] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 06 |
| 2011/09/23 | 05:57:28.0 | XRT_FL_PROG_SET_420_OG [0x1a4] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d |
| 2011/09/23 | 05:57:30.5 | XRT_CTRL_AUTO_406_OG [0x196] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2011/09/23 | 06:12:30.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2011/09/23 | 06:12:32.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2011/09/23 | 06:12:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2011/09/23 | 06:15:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2011/09/23 | 06:38:00.0 | XRT_Custom_418_OG [0x1a2] | | | | |
| 2011/09/23 | 06:39:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2011/09/23 | 07:52:30.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2011/09/23 | 07:52:32.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2011/09/23 | 07:52:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2011/09/23 | 07:55:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2011/09/23 | 08:15:00.0 | XRT_Custom_418_OG [0x1a2] | | | | |
| 2011/09/23 | 08:16:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2011/09/23 | 09:32:30.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2011/09/23 | 09:32:32.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2011/09/23 | 09:32:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2011/09/23 | 09:35:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2011/09/23 | 09:50:00.0 | XRT_Custom_418_OG [0x1a2] | | | | |
| 2011/09/23 | 09:51:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2011/09/23 | 09:59:54.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2011/09/23 | 09:59:56.0 | XRT_FOCUS_POSITION_401_OG [0x191] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2011/09/23 | 10:00:00.0 | AOCS_Ore-point_Start_4_OG [0x09a] | AOCU_NM | 5 | 02-76 | 00 b1 cb 00 cc |
| 2011/09/23 | 10:00:16.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2011/09/23 | 10:00:18.0 | XRT_FLRCTRL_ENA_413_OG [0x19d] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2011/09/23 | 10:00:20.0 | XRT_AEC_RESET_443_OG [0x1bb] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2011/09/23 | 10:00:22.0 | XRT_ARS_DIS_427_OG [0x1ab] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2011/09/23 | 10:02:54.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2011/09/23 | 10:02:56.0 | XRT_QT_PROG_SET_444_OG [0x1bc] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 05 |
| 2011/09/23 | 10:02:58.0 | XRT_FL_PROG_SET_420_OG [0x1a4] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d |
| 2011/09/23 | 10:03:00.0 | XRT_CTRL_AUTO_406_OG [0x196] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2011/09/23 | 14:58:30.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2011/09/23 | 14:58:32.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2011/09/23 | 14:58:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2011/09/23 | 15:01:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2011/09/23 | 15:11:00.0 | XRT_Custom_418_OG [0x1a2] | | | | |

Sep 22, 11 12:56

XRT_OGLIST_0162.chk

Page 4/6

| | | | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2011/09/23 | 15:12:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2011/09/23 | 16:33:30.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2011/09/23 | 16:33:32.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2011/09/23 | 16:33:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2011/09/23 | 16:36:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2011/09/23 | 16:57:30.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2011/09/23 | 16:58:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2011/09/23 | 17:47:24.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2011/09/23 | 17:47:26.0 | XRT_FOCUS_POSITION_401_OG [0x191] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2011/09/23 | 17:47:30.0 | AOCS_Ore-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2011/09/23 | 17:47:46.0 | XRT_FLD_DIS_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2011/09/23 | 17:47:48.0 | XRT_FLRCTRL_DIS_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2011/09/23 | 17:47:50.0 | XRT_ARS_DIS_438_OG [0x1b6] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2011/09/23 | 17:50:28.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0b | | | | |
| 2011/09/23 | 17:50:30.0 | XRT_CTRL_AUTO_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2011/09/23 | 17:57:24.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2011/09/23 | 17:57:26.0 | XRT_FOCUS_POSITION_409_OG [0x199] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2011/09/23 | 17:57:30.0 | AOCS_Ore-point_Start_5_OG [0x09b] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | | | | |
| 2011/09/23 | 17:57:46.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2011/09/23 | 17:57:48.0 | XRT_FLRCTRL_ENA_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2011/09/23 | 17:57:50.0 | XRT_AEC_RESET_443_OG [0x1bb] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2011/09/23 | 17:57:52.0 | XRT_ARS_DIS_427_OG [0x1ab] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2011/09/23 | 18:00:24.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2011/09/23 | 18:00:26.0 | XRT_QT_PROG_SET_445_OG [0x1bd] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 06 | | | | |
| 2011/09/23 | 18:00:28.0 | XRT_FL_PROG_SET_420_OG [0x1a4] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | | |
| 2011/09/23 | 18:00:30.0 | XRT_CTRL_AUTO_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2011/09/23 | 18:11:00.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2011/09/23 | 18:11:02.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2011/09/23 | 18:11:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2011/09/23 | 18:14:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2011/09/23 | 18:34:00.5 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2011/09/23 | 18:35:00.5 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2011/09/23 | 19:48:00.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2011/09/23 | 19:48:02.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2011/09/23 | 19:48:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2011/09/23 | 19:51:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2011/09/23 | 20:11:00.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2011/09/23 | 20:12:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2011/09/23 | 21:25:00.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2011/09/23 | 21:25:02.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2011/09/23 | 21:25:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2011/09/23 | 21:28:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2011/09/23 | 21:48:00.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2011/09/23 | 21:49:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2011/09/23 | 23:02:30.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2011/09/23 | 23:02:32.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2011/09/23 | 23:02:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2011/09/23 | 23:05:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2011/09/23 | 23:21:30.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |

| | | | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2011/09/23 | 23:22:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2011/09/24 | 00:40:00.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2011/09/24 | 00:40:02.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2011/09/24 | 00:40:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2011/09/24 | 00:43:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2011/09/24 | 00:46:30.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2011/09/24 | 00:47:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2011/09/24 | 02:02:30.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2011/09/24 | 02:02:32.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2011/09/24 | 02:02:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2011/09/24 | 02:05:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2011/09/24 | 02:22:30.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2011/09/24 | 02:23:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2011/09/24 | 03:34:30.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2011/09/24 | 03:34:32.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2011/09/24 | 03:34:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2011/09/24 | 03:37:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2011/09/24 | 03:59:30.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2011/09/24 | 04:00:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2011/09/24 | 05:10:00.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2011/09/24 | 05:10:02.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2011/09/24 | 05:10:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2011/09/24 | 05:13:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2011/09/24 | 05:37:00.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2011/09/24 | 05:38:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2011/09/24 | 05:59:54.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2011/09/24 | 05:59:56.0 | XRT_FOCUS_POSITION_401_OG [0x191] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2011/09/24 | 06:00:00.0 | AOCs_OrE-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2011/09/24 | 06:00:16.0 | XRT_FLD_DIS_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2011/09/24 | 06:00:18.0 | XRT_FLRCTRL_DIS_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2011/09/24 | 06:00:20.0 | XRT_ARS_DIS_438_OG [0x1b6] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2011/09/24 | 06:02:58.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0b | | | | |
| 2011/09/24 | 06:03:00.0 | XRT_CTRL_AUTO_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2011/09/24 | 06:09:54.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2011/09/24 | 06:09:56.0 | XRT_FOCUS_POSITION_409_OG [0x199] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2011/09/24 | 06:10:00.0 | AOCs_OrE-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 01 58 04 e5 | | | | |
| 2011/09/24 | 06:10:16.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2011/09/24 | 06:10:18.0 | XRT_FLRCTRL_ENA_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2011/09/24 | 06:10:20.0 | XRT_AEC_RESET_443_OG [0x1bb] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2011/09/24 | 06:10:22.0 | XRT_ARS_DIS_427_OG [0x1ab] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2011/09/24 | 06:12:54.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2011/09/24 | 06:12:56.0 | XRT_QT_PROG_SET_445_OG [0x1bd] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 06 | | | | |
| 2011/09/24 | 06:12:58.0 | XRT_FL_PROG_SET_420_OG [0x1a4] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | | |
| 2011/09/24 | 06:13:00.0 | XRT_CTRL_AUTO_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2011/09/24 | 06:50:00.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2011/09/24 | 06:50:02.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2011/09/24 | 06:50:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2011/09/24 | 06:53:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2011/09/24 | 07:14:30.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |

Sep 22, 11 12:56

XRT_OGLIST_0162.chk

Page 6/6

| | | | | | |
|------------|------------|-----------------------------------|---|-------|----------------|
| 2011/09/24 | 07:15:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2011/09/24 | 08:30:00.0 | XRT_CTRL_MANU_408_OG [0x198] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2011/09/24 | 08:30:02.0 | XRT_FLD_RESET_412_OG [0x19c] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2011/09/24 | 08:30:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2011/09/24 | 08:33:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2011/09/24 | 08:51:00.0 | XRT_Custom_418_OG [0x1a2] | | | |
| 2011/09/24 | 08:52:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2011/09/24 | 09:00:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2011/09/24 | 10:11:00.0 | XRT_CTRL_MANU_408_OG [0x198] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2011/09/24 | 10:11:02.0 | XRT_FLD_RESET_412_OG [0x19c] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2011/09/24 | 10:11:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2011/09/24 | 10:14:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2011/09/24 | 10:44:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |