

XRT Timeline to be uploaded on 2014/08/02

Period: 2014/08/02 10:19:00 - 2014/08/07 10:17:00

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Normal mode

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| XOB #19A6: CME watch - 4x4 - AEC 2 - Ti/poly- 60s cad | | | | | | | | | | | | |
|--|--|--------------------------------------|------|-------|-------|---------|------------------------|---------|------------|----------|--------|--|
| Term | Pointing (x, y) | | | | | | | Comment | | | | |
| 08/02 10:59:30 - 08/02 13:39:54 | Track (-298.2, 453.4) ^{Ⓢ 08/02 10:29:00} | # OP start + 10min/ CH obs with IRIS | | | | | | | | | | |
| PROG= 09 Inf.-time(s) | | | | | | | | | | | | |
| └─ Subr= 1 15-time(s) 60.0sec | | | | | | | | | | | | |
| └─ Seqn= 44 1-time(s) 4.0sec | | | | | | | | | | | | |
| Open/Ti-poly | Open/thick-Al | close | Safe | Norm | 125ms | Obs 4x4 | 2048x2048 (1024, 1024) | Q=98 | 2 | 0 | 2.0sec | |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | | |

| XOB #19E0: AR Standard-A(Filter-Ratio with Al/poly and thin-Be) with PFB, 384x384 at 1064 1048, thin-Be, thick-Al, and Al/Poly context, with G-band (33ms) | | | | | | | | | | | | |
|---|---|---------------------|------|-------|-------|---------|----------------------|---------|------------|----------|--------|--|
| Term | Pointing (x, y) | | | | | | | Comment | | | | |
| 08/02 13:43:00 - 08/02 16:49:54 | Track (-360.9, -257.6) ^{Ⓢ 08/02 13:40:00} | # AR12130 | | | | | | | | | | |
| 08/02 17:03:00 - 08/02 20:22:00 | Track (-3.1, -277.9) ^{Ⓢ 08/02 17:00:00} | # HOP259 at AR12127 | | | | | | | | | | |
| 08/02 21:05:30 - 08/03 05:37:24 | Track (-299.2, -260.3) ^{Ⓢ 08/02 21:00:00} | # AR12130 | | | | | | | | | | |
| 08/03 05:50:30 - 08/03 16:03:30 | Track (-223.2, -263.0) ^{Ⓢ 08/03 05:47:30} | # AR12130 | | | | | | | | | | |
| 08/03 17:03:00 - 08/03 20:58:30 | Track (210.6, -276.5) ^{Ⓢ 08/03 17:00:00} | # HOP259 at AR12127 | | | | | | | | | | |
| 08/03 21:41:30 - 08/03 23:59:54 | Track (-88.2, -266.1) ^{Ⓢ 08/03 21:00:00} | # AR12130 | | | | | | | | | | |
| PROG= 19 Inf.-time(s) | | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 8 2-time(s) 2.0sec | | | | | | | | | | | | |
| Open/G-band | Open/G-band | close | Safe | Norm | 44ms | Obs 1x1 | 384x384 (1064, 1048) | DPCM | 0 | 0 | 2.0sec | |
| └─ Subr= 2 2-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 24 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 | 32ms | Obs 1x1 | 384x384 (1064, 1048) | Q=98 | 0 | 0 | 2.0sec | |
| └─ Seqn= 42 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 | |
| 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 | |
| └─ Seqn= 62 36-time(s) 50.0sec | | | | | | | | | | | | |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec | |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec | |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 1 | 2.0sec | |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 1 | 2.0sec | |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 2 | 2.0sec | |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 2 | 2.0sec | |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | | |

| XOB #19DA: Synoptic Q95 2x2 - Al/mesh(5/128/723) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Ti-poly(24/362/1443) + Thin-Be | | | | | | | | | | | | |
|--|-------------------|-----------------------------|------|-------|-------|---------|------------------------|---------|------------|----------|--------|--|
| Term | Pointing (x, y) | | | | | | | Comment | | | | |
| 08/02 16:53:00 - 08/02 16:59:54 | Fixed (0.0, 0.0) | synoptic, shifted manually | | | | | | | | | | |
| 08/03 05:40:30 - 08/03 05:47:24 | Fixed (0.0, 0.0) | synoptic, shifted -22.5 min | | | | | | | | | | |
| 08/03 16:53:00 - 08/03 16:59:54 | Fixed (0.0, 0.0) | synoptic, shifted manually | | | | | | | | | | |
| 08/04 04:03:00 - 08/04 04:09:54 | Fixed (0.0, 0.0) | synoptic, shifted manually | | | | | | | | | | |
| PROG= 15 1-time(s) | | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 12.0sec | | | | | | | | | | | | |
| └─ Seqn= 84 1-time(s) 4.0sec | | | | | | | | | | | | |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 5ms | Obs 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec | |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 125ms | Obs 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec | |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 707ms | 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= 86 1-time(s) 4.0sec | | | | | | | | | | | | |
| Open/Ti-poly | Open/Ti-poly | close | Safe | Norm | 24ms | Obs 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec | |
| Open/Ti-poly | Open/Ti-poly | close | Safe | Norm | 354ms | Obs 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec | |
| Open/Ti-poly | Open/Ti-poly | close | Safe | Norm | 1.41s | Obs 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec | |
| └─ Seqn= 95 1-time(s) 2.0sec | | | | | | | | | | | | |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 63ms | Obs 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec | |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 500ms | 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= 6 1-time(s) 2.0sec | | | | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 8ms | Obs 2x2 | 2048x2048 (1024, 1024) | Q=90 | 0 | 0 | 2.0sec | |
| Open/G-band | Open/G-band | close | Safe | Norm | 32ms | Obs 1x1 | 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 #19A9: G-Band Alignment with North Pole Q90 2x2(G-band only) - 8msec - 5min cadence - Partial Sun-wNGT-2 | | | | | | | | | | | | |
|---|-----------------|--|--|--|--|--|--|---------|--|--|--|--|
| Term | Pointing (x, y) | | | | | | | Comment | | | | |

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|---------------------------------|----------------|---------------------|------|--------------------------|------|---------|-----------------------|--------------------|-------|------------|----------|
| 08/04 00:15:00 - 08/04 01:59:54 | | Fixed (0.0, 930.0) | | # Co-alignment at N-pole | | | | | | | |
| PROG= 10 1-time(s) | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 360.0sec | | | | | | | | | | | |
| └─ Seqn= 93 24-time(s) 300.0sec | | | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 8ms | Obs 2x2 | 2048x1536 (1024, 768) | Q=90 | 0 | 0 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval |

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|---|----------------|---------------------|------|--------------------------|------|---------|------------------------|--------------------|-------|------------|----------|
| XOB #19AA: G-Band Alignment with East limb Q90 2x2 (G-band only) - 8msec- 8 min cadence-wNGT-2 | | | | | | | | | | | |
| Term | | Pointing (x, y) | | Comment | | | | | | | |
| 08/04 02:15:00 - 08/04 03:59:54 | | Fixed (-945.0, 0.0) | | # Co-alignment at E-limb | | | | | | | |
| PROG= 18 1-time(s) | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 360.0sec | | | | | | | | | | | |
| └─ Seqn= 94 15-time(s) 480.0sec | | | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 8ms | Obs 2x2 | 1536x2048 (1280, 1024) | Q=90 | 0 | 0 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval |

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

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|--|------------------|--|------|--------------------------------------|-------|---------|----------------------|--------------------|-------|------------|----------|
| XOB #19EC: Flare - high cad multifilter (Be/thin, Be/med, Al/thick), AEC 3, 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512x512 2x2) + Gband (4 | | | | | | | | | | | |
| Term | | Pointing (x, y) | | Comment | | | | | | | |
| 08/02 10:59:30 - 08/02 13:39:54 | | Track (-298.2, 453.4) @ 08/02 10:29:00 | | # OP start + 10min/ CH obs with IRIS | | | | | | | |
| 08/02 13:43:00 - 08/02 16:49:54 | | Track (-360.9, -257.6) @ 08/02 13:40:00 | | # AR12130 | | | | | | | |
| 08/02 17:03:00 - 08/02 20:22:00 | | Track (-3.1, -277.9) @ 08/02 17:00:00 | | # HOP259 at AR12127 | | | | | | | |
| 08/02 21:05:30 - 08/03 05:37:24 | | Track (-299.2, -260.3) @ 08/02 21:00:00 | | # AR12130 | | | | | | | |
| 08/03 05:50:30 - 08/03 16:03:30 | | Track (-223.2, -263.0) @ 08/03 05:47:30 | | # AR12130 | | | | | | | |
| 08/03 17:03:00 - 08/03 20:58:30 | | Track (210.6, -276.5) @ 08/03 17:00:00 | | # HOP259 at AR12127 | | | | | | | |
| 08/03 21:41:30 - 08/03 23:59:54 | | Track (-88.2, -266.1) @ 08/03 21:00:00 | | # AR12130 | | | | | | | |
| PROG= 01 30-time(s) | | | | | | | | | | | |
| └─ Subr= 1 30-time(s) 2.0sec | | | | | | | | | | | |
| └─ Seqn= 26 1-time(s) 4.0sec | | | | | | | | | | | |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 8ms | Obs 1x1 | 384x384 (1024, 1024) | Q=95 | 3 | 0 | 2.0sec |
| med-Be/Open | Open/thick-Al | close | Safe | Norm | 250ms | Obs 1x1 | 384x384 (1024, 1024) | Q=95 | 3 | 0 | 2.0sec |
| Open/thick-Al | Open/thick-Be | close | Safe | Norm | 1.00s | Obs 1x1 | 384x384 (1024, 1024) | Q=95 | 3 | 0 | 2.0sec |
| └─ Subr= 2 1-time(s) 2.0sec | | | | | | | | | | | |
| └─ Seqn= 10 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= 11 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 |
| └─ Seqn= 15 1-time(s) 2.0sec | | | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 44ms | 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 |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval |

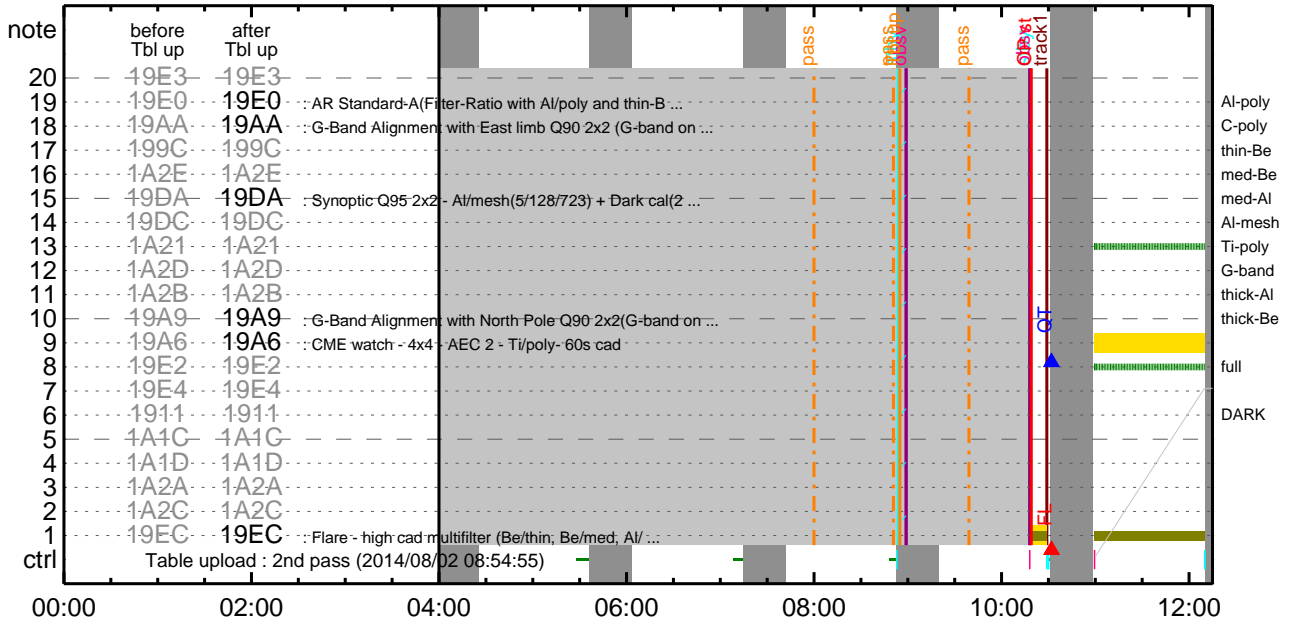
* * * * * **Active Region Search** * * * * *

NOT USED

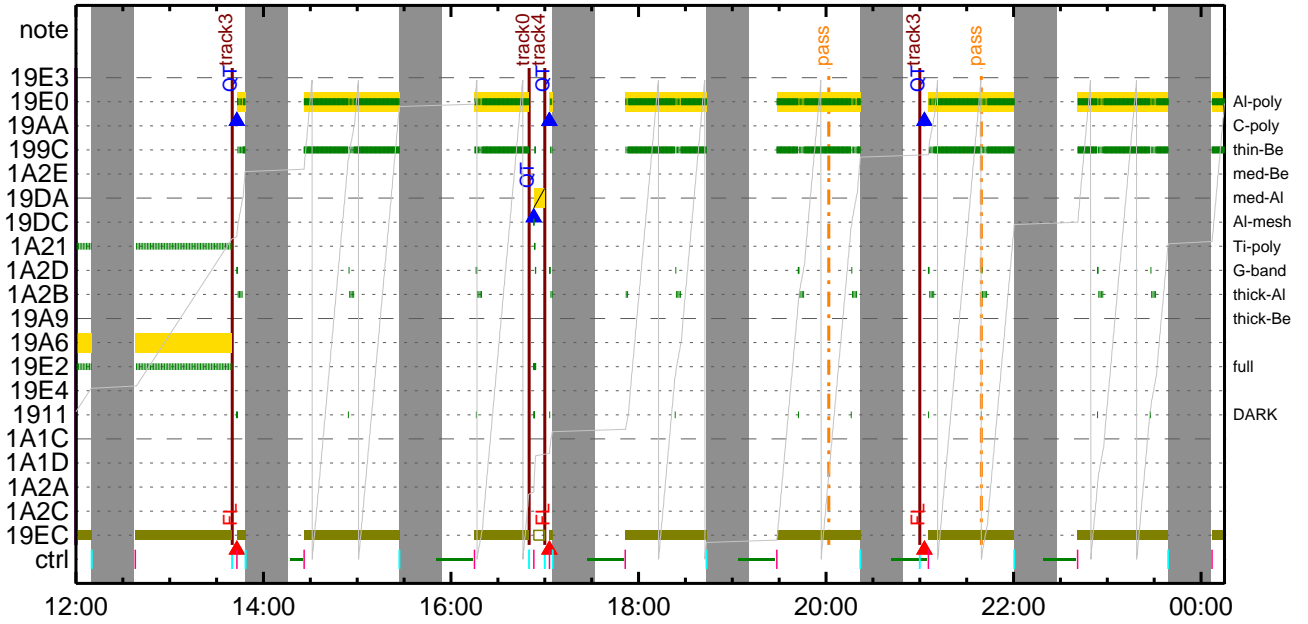
* * * * * **Flare Detection** * * * * *

| | | | | | | | | | | | |
|---------------------------------|----------------|--|------|---------------------|------|---------|-----|--------------------|-------|------------|----------|
| FLD Patrol | | | | | | | | | | | |
| Term | | Pointing (x, y) | | Comment | | | | | | | |
| 08/02 17:00:18 - 08/03 05:37:48 | | Track (-3.1, -277.9) @ 08/02 17:00:00 | | # HOP259 at AR12127 | | | | | | | |
| 08/03 05:47:48 - 08/03 16:50:18 | | Track (-223.2, -263.0) @ 08/03 05:47:30 | | # AR12130 | | | | | | | |
| 08/03 17:00:18 - 08/04 00:00:18 | | Track (210.6, -276.5) @ 08/03 17:00:00 | | # HOP259 at AR12127 | | | | | | | |
| 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 |

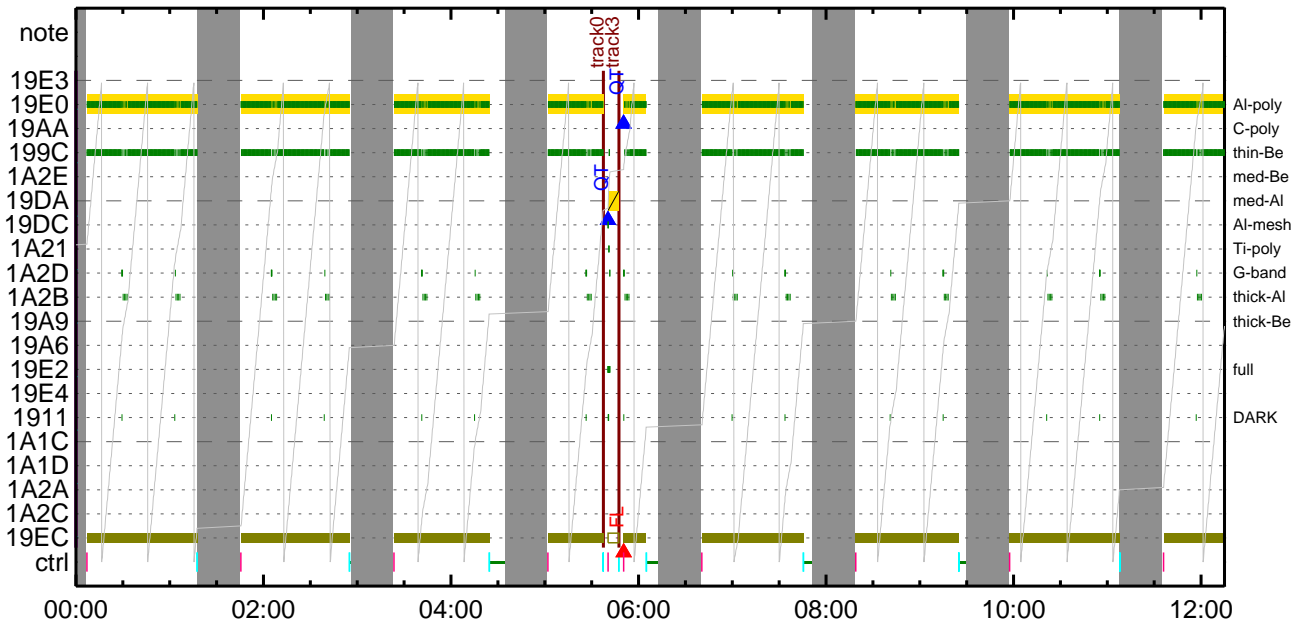
CMDI #0451 2014/08/02



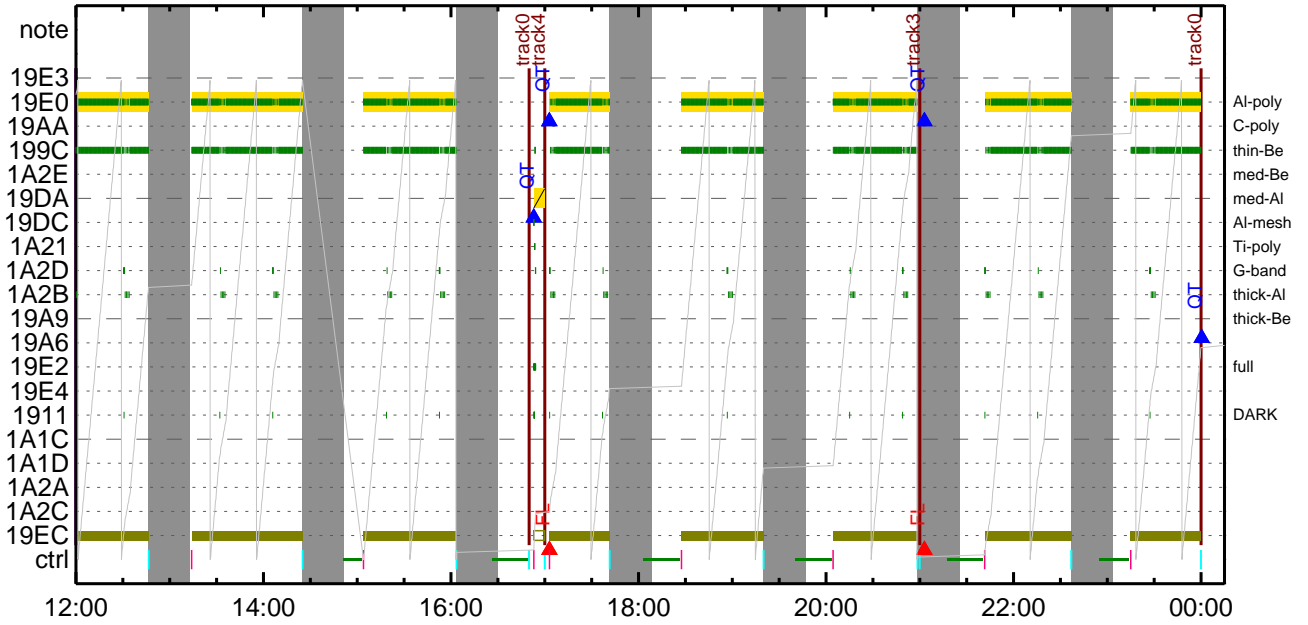
CMDI #0451 2014/08/02



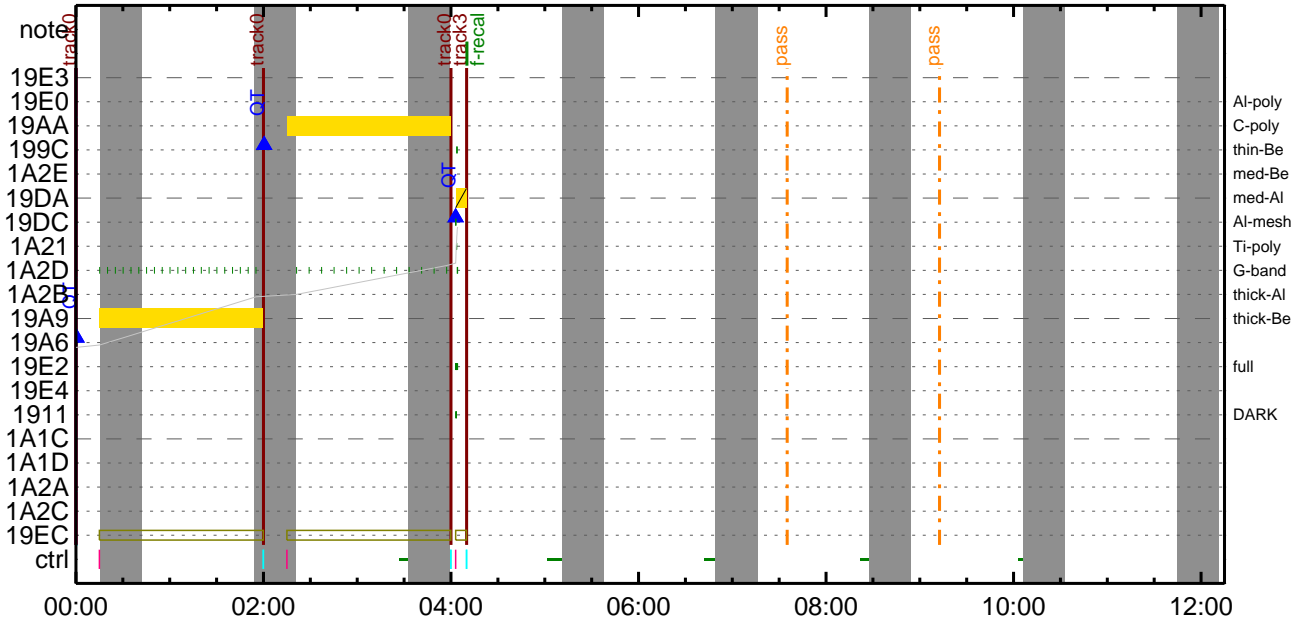
CMDI #0451 2014/08/03



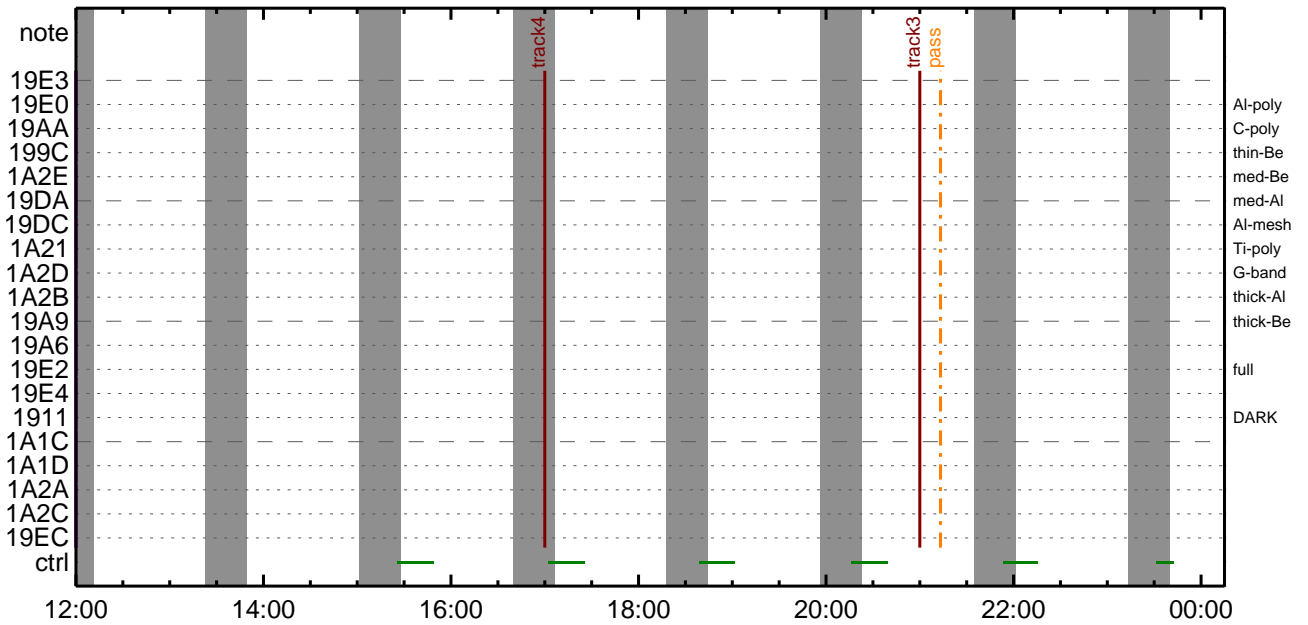
CMDI #0451 2014/08/03



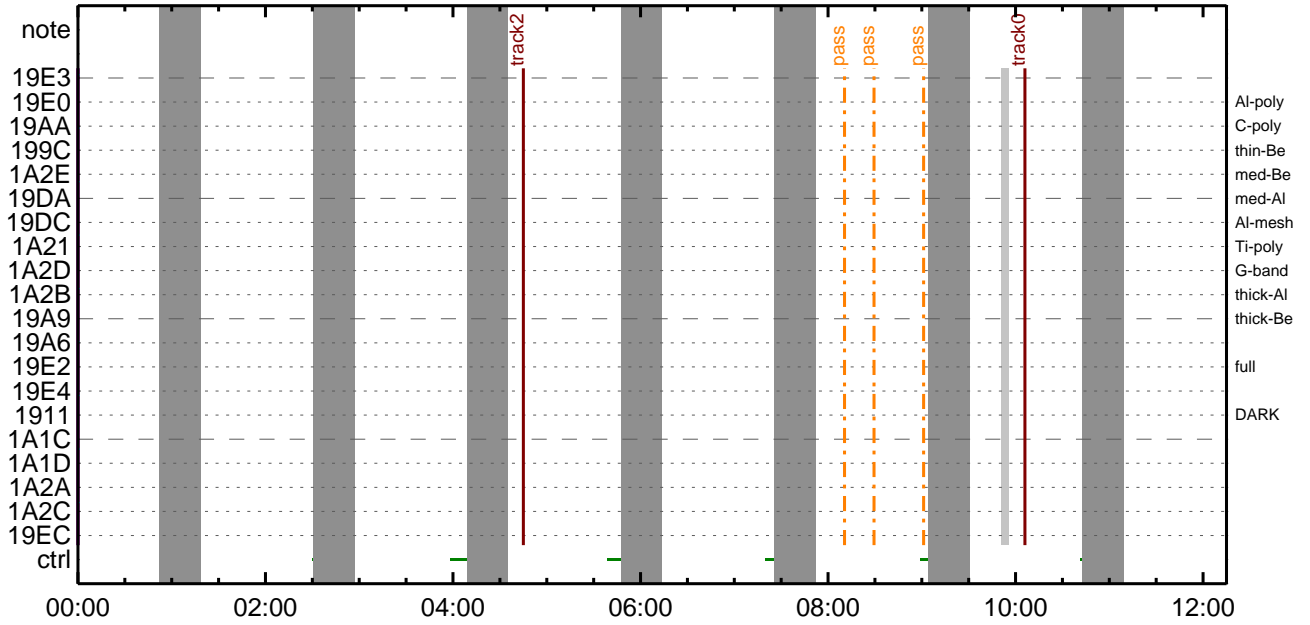
CMDI #0451 2014/08/04



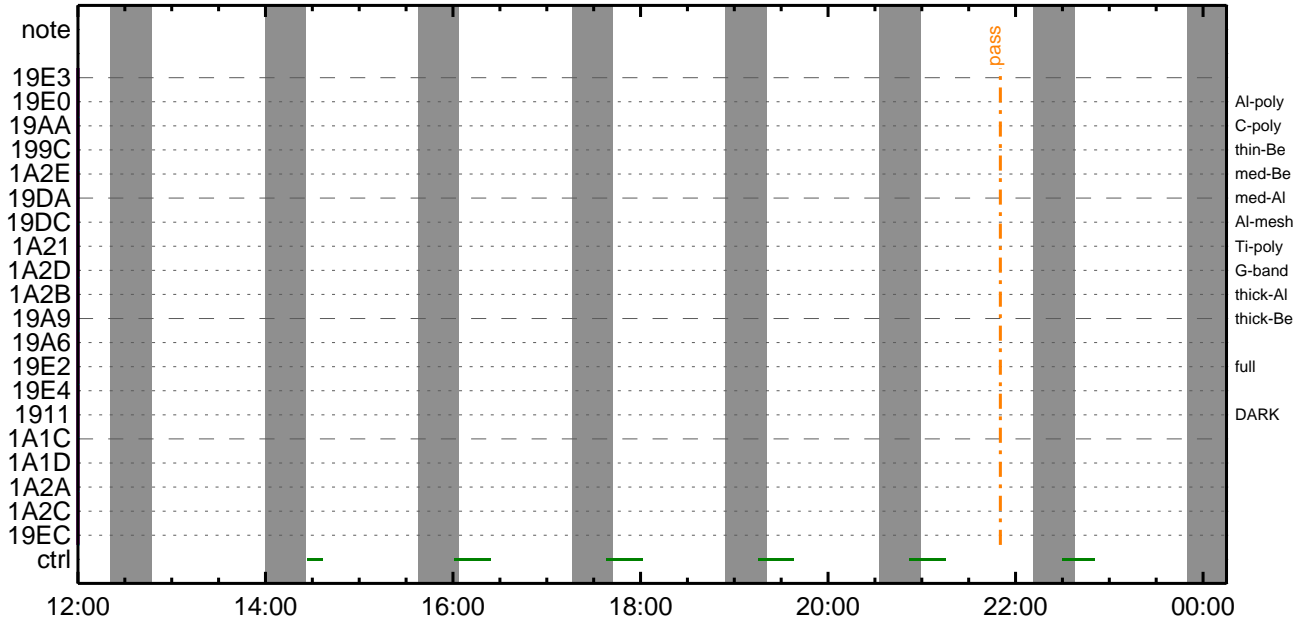
CMDI #0451 2014/08/04



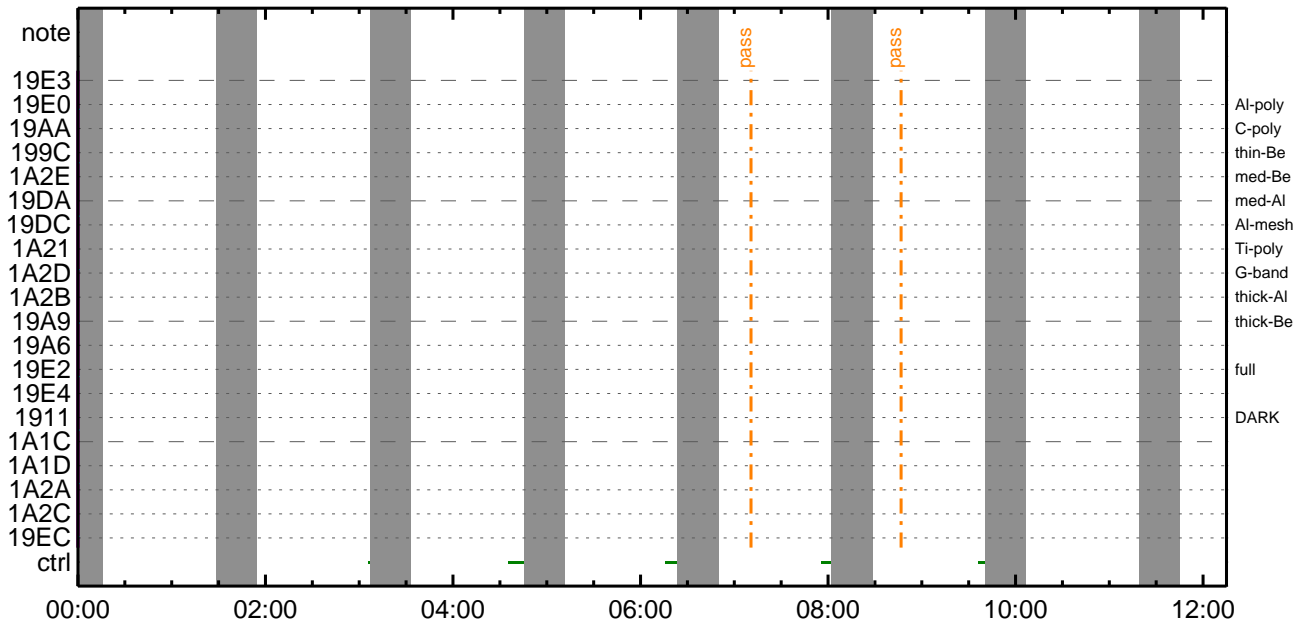
CMDI #0451 2014/08/05



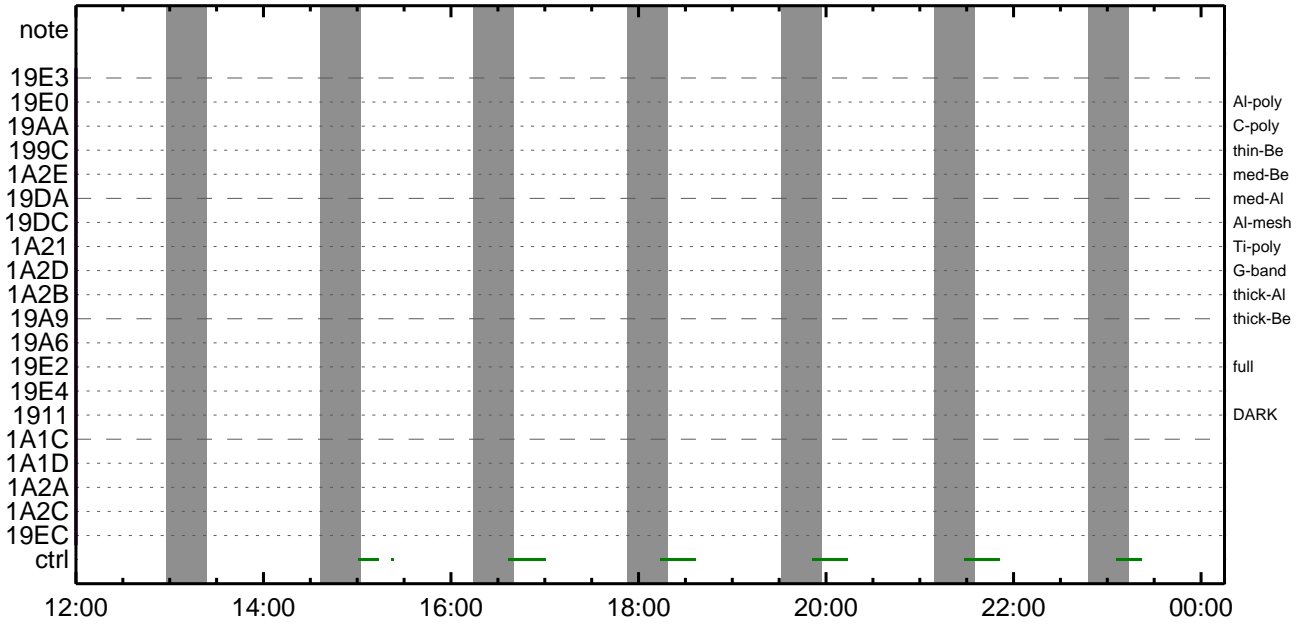
CMDI #0451 2014/08/05



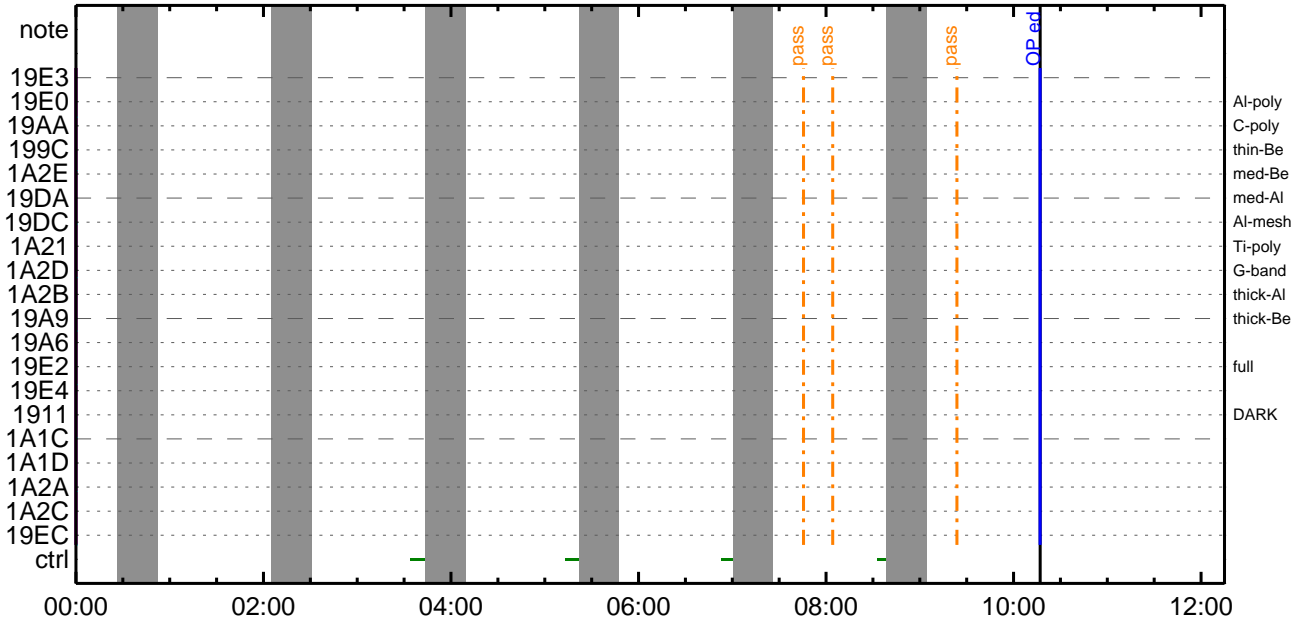
CMDI #0451 2014/08/06



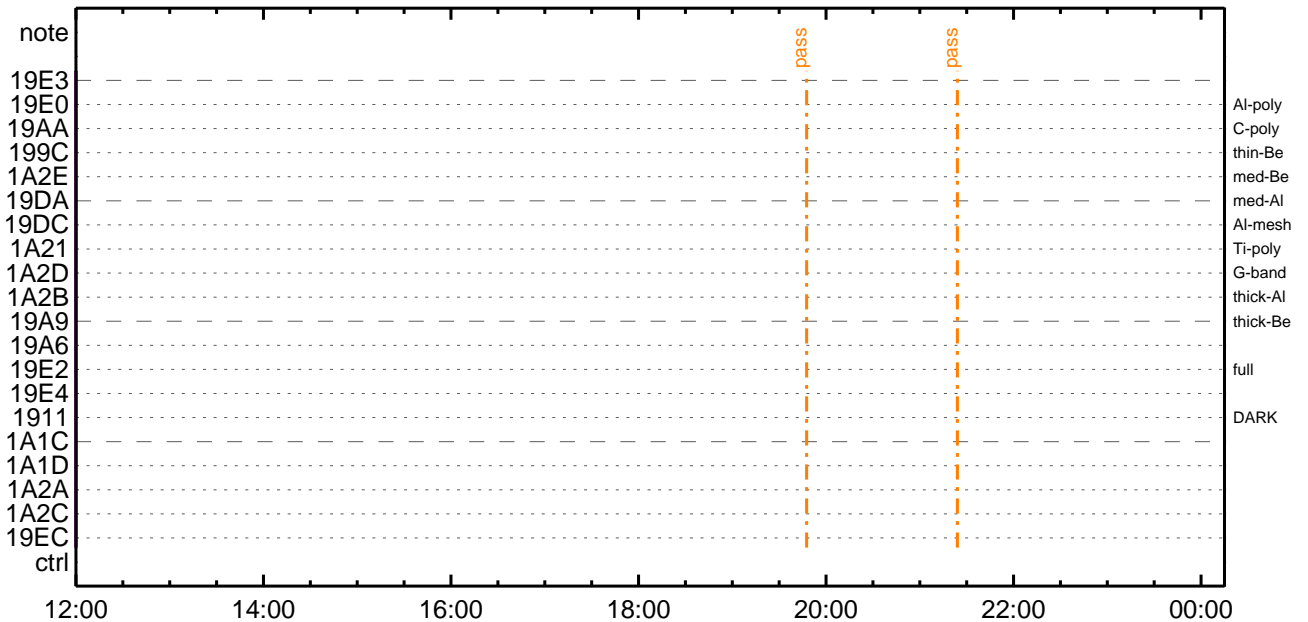
CMDI #0451 2014/08/06



CMDI #0451 2014/08/07



CMDI #0451 2014/08/07




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0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;ã
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-545:OP
0104 ( )
0105 S. OG og-545:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPîî°èYAYôYx;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. YAYôYx½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG²î¼E¹ç•è²îOK²³îÇ§
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. YAYôYx½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG²î¼E¹ç•è²îOK²³îÇ§
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. YAYôYx½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OP²î¼E¹ç•è²îOK²³îÇ§
0165 C.
0166 C. ***** °E²¼²î¼E¹ç•è²îOK²³îÇ§ *****
0167 C. DHUYâ;4YE;E½Y½;Yi;4YE;Eòîã¹
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÷ç@NG²î¼E¹ç•è²¼²îTI-CMDÁ÷ç²î¼E¹Ô²•²E²³²E;f
0180 C. ²²²ç;çSET²E²DUMP²îE±²îY²¹²ç¹Ô²|²³²E;f
0181 C.
0182 C. TIY³Y²YôYE²ò²ÁDîç(UT)
0183 +. TI 2014-08-02 10:14:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2014-08-02 10:14:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2014-08-02 10:14:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

```


(a) Spacecraft Operation Procedure (real-commands)

```
main-546 2014-08-02 16:06:28 157 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;çÀ®, 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 80 80 20 20)
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 85 83 08 08)
0079 + DC 07-F0 MDP_XRT_ROI_SET
0080 BC (cd 09 80 80 20 08)
0081 + DC 07-F0 MDP_XRT_ROI_SET
0082 BC (cd 0a 80 80 08 20)
0083 + DC 07-F0 MDP_XRT_ROI_SET
0084 BC (cd 0b 80 60 20 18)
0085 + DC 07-F0 MDP_XRT_ROI_SET
0086 BC (cd 0c a0 80 18 20)
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
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Aug 02, 14 16:06

XRT_OGLIST_0451.chk

Page 1/7

*** OP Sequence for XRT ***

| | | | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2014/08/02 | 10:28:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/08/02 | 10:28:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/08/02 | 10:28:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2014/08/02 | 10:29:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 01 00 00 00 00 | | | | |
| 2014/08/02 | 10:29:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2014/08/02 | 10:29:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2014/08/02 | 10:29:22.0 | XRT_AEC_RESET_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2014/08/02 | 10:29:24.0 | XRT_ARS_DIS_427_OG [0x1ab] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2014/08/02 | 10:30:01.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/08/02 | 10:30:03.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/08/02 | 10:30:05.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2014/08/02 | 10:30:07.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2014/08/02 | 10:31:54.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2014/08/02 | 10:31:56.0 | XRT_QT_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09 | | | | |
| 2014/08/02 | 10:31:58.0 | XRT_FL_PROG_SET_438_OG [0x1b6] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 01 | | | | |
| 2014/08/02 | 10:33:15.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2014/08/02 | 10:58:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2014/08/02 | 10:59:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2014/08/02 | 12:10:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/08/02 | 12:10:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/08/02 | 12:10:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2014/08/02 | 12:10:06.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2014/08/02 | 12:13:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2014/08/02 | 12:37:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2014/08/02 | 12:38:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2014/08/02 | 13:39:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/08/02 | 13:39:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/08/02 | 13:39:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2014/08/02 | 13:40:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 03 00 00 00 00 | | | | |
| 2014/08/02 | 13:40:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2014/08/02 | 13:40:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2014/08/02 | 13:40:22.0 | XRT_AEC_RESET_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2014/08/02 | 13:40:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2014/08/02 | 13:40:26.0 | XRT_FLD_RESET_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2014/08/02 | 13:42:56.0 | XRT_QT_PROG_SET_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 13 | | | | |
| 2014/08/02 | 13:42:58.0 | XRT_FL_PROG_SET_438_OG [0x1b6] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 01 | | | | |
| 2014/08/02 | 13:43:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2014/08/02 | 13:48:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/08/02 | 13:48:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/08/02 | 13:48:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2014/08/02 | 13:48:36.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2014/08/02 | 13:51:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2014/08/02 | 14:25:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2014/08/02 | 14:26:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2014/08/02 | 15:27:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/08/02 | 15:27:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/08/02 | 15:27:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |

Aug 02, 14 16:06

XRT_OGLIST_0451.chk

Page 2/7

| | | | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2014/08/02 | 15:27:06.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2014/08/02 | 15:30:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2014/08/02 | 16:14:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2014/08/02 | 16:15:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2014/08/02 | 16:49:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/08/02 | 16:49:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/08/02 | 16:49:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2014/08/02 | 16:50:00.0 | AOCS_ORe-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2014/08/02 | 16:50:18.0 | XRT_FLD_DIS_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2014/08/02 | 16:52:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2014/08/02 | 16:52:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2014/08/02 | 16:52:58.0 | XRT_QT_PROG_SET_421_OG [0x1a5] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0f | | | | |
| 2014/08/02 | 16:53:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2014/08/02 | 16:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/08/02 | 16:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/08/02 | 16:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2014/08/02 | 17:00:00.0 | AOCS_ORe-point_Start_4_OG [0x09a] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 00 00 00 00 | | | | |
| 2014/08/02 | 17:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2014/08/02 | 17:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2014/08/02 | 17:00:22.0 | XRT_AEC_RESET_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2014/08/02 | 17:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2014/08/02 | 17:00:26.0 | XRT_FLD_RESET_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2014/08/02 | 17:02:56.0 | XRT_QT_PROG_SET_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 13 | | | | |
| 2014/08/02 | 17:02:58.0 | XRT_FL_PROG_SET_438_OG [0x1b6] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 01 | | | | |
| 2014/08/02 | 17:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2014/08/02 | 17:05:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/08/02 | 17:05:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/08/02 | 17:05:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2014/08/02 | 17:05:06.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2014/08/02 | 17:08:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2014/08/02 | 17:50:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2014/08/02 | 17:51:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2014/08/02 | 18:43:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/08/02 | 18:43:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/08/02 | 18:43:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2014/08/02 | 18:43:36.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2014/08/02 | 18:46:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2014/08/02 | 19:27:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2014/08/02 | 19:28:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2014/08/02 | 20:22:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/08/02 | 20:22:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/08/02 | 20:22:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2014/08/02 | 20:22:06.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2014/08/02 | 20:25:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2014/08/02 | 20:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/08/02 | 20:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/08/02 | 20:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2014/08/02 | 21:00:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 03 00 00 00 00 | | | | |

Aug 02, 14 16:06

XRT_OGLIST_0451.chk

Page 3/7

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|------------|------------|-----------------------------------|---|-------|----------------|
| 2014/08/02 | 21:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2014/08/02 | 21:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2014/08/02 | 21:00:22.0 | XRT_AEC_RESET_413_OG [0x19d] | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2014/08/02 | 21:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2014/08/02 | 21:00:26.0 | XRT_FLD_RESET_407_OG [0x197] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2014/08/02 | 21:02:56.0 | XRT_QT_PROG_SET_406_OG [0x196] | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 13 |
| 2014/08/02 | 21:02:58.0 | XRT_FL_PROG_SET_438_OG [0x1b6] | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 01 |
| 2014/08/02 | 21:04:30.5 | XRT_Custom_430_OG [0x1ae] | | | |
| 2014/08/02 | 21:05:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2014/08/02 | 22:00:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/08/02 | 22:00:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/08/02 | 22:00:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2014/08/02 | 22:00:36.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2014/08/02 | 22:03:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2014/08/02 | 22:40:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2014/08/02 | 22:41:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2014/08/02 | 23:39:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/08/02 | 23:39:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/08/02 | 23:39:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2014/08/02 | 23:39:06.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2014/08/02 | 23:42:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2014/08/03 | 00:06:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2014/08/03 | 00:07:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2014/08/03 | 01:17:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/08/03 | 01:17:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/08/03 | 01:17:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2014/08/03 | 01:17:36.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2014/08/03 | 01:20:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2014/08/03 | 01:44:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2014/08/03 | 01:45:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2014/08/03 | 02:55:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/08/03 | 02:55:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/08/03 | 02:55:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2014/08/03 | 02:55:06.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2014/08/03 | 02:58:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2014/08/03 | 03:22:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2014/08/03 | 03:23:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2014/08/03 | 04:24:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/08/03 | 04:24:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/08/03 | 04:24:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2014/08/03 | 04:24:36.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2014/08/03 | 04:27:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2014/08/03 | 05:01:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2014/08/03 | 05:02:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2014/08/03 | 05:37:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/08/03 | 05:37:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/08/03 | 05:37:28.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2014/08/03 | 05:37:30.0 | AOCS_ORe-point_Start_3_OG [0x099] | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2014/08/03 | 05:37:48.0 | XRT_FLD_DIS_422_OG [0x1a6] | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2014/08/03 | 05:40:24.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | |

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|------------|------------|-----------------------------------|---------------------------|---|-------|----------------|
| 2014/08/03 | 05:40:26.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2014/08/03 | 05:40:28.0 | XRT_QT_PROG_SET_421_OG [0x1a5] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2014/08/03 | 05:40:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0f |
| 2014/08/03 | 05:47:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2014/08/03 | 05:47:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/08/03 | 05:47:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/08/03 | 05:47:30.0 | AOCS_OrE-point_Start_2_OG [0x098] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2014/08/03 | 05:47:48.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 03 00 00 00 00 |
| 2014/08/03 | 05:47:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2014/08/03 | 05:47:52.0 | XRT_AEC_RESET_413_OG [0x19d] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2014/08/03 | 05:47:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2014/08/03 | 05:47:56.0 | XRT_FLD_RESET_407_OG [0x197] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2014/08/03 | 05:50:26.0 | XRT_QT_PROG_SET_406_OG [0x196] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2014/08/03 | 05:50:28.0 | XRT_FL_PROG_SET_438_OG [0x1b6] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 13 |
| 2014/08/03 | 05:50:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 01 |
| 2014/08/03 | 06:05:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2014/08/03 | 06:05:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/08/03 | 06:05:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/08/03 | 06:05:06.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2014/08/03 | 06:08:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2014/08/03 | 06:39:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2014/08/03 | 06:40:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | | | |
| 2014/08/03 | 07:45:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2014/08/03 | 07:45:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/08/03 | 07:45:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/08/03 | 07:45:36.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2014/08/03 | 07:48:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2014/08/03 | 08:18:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2014/08/03 | 08:19:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | | | |
| 2014/08/03 | 09:25:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2014/08/03 | 09:25:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/08/03 | 09:25:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/08/03 | 09:25:06.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2014/08/03 | 09:28:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2014/08/03 | 09:56:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2014/08/03 | 09:57:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | | | |
| 2014/08/03 | 11:08:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2014/08/03 | 11:08:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/08/03 | 11:08:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/08/03 | 11:08:06.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2014/08/03 | 11:11:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2014/08/03 | 11:35:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2014/08/03 | 11:36:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | | | |
| 2014/08/03 | 12:46:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2014/08/03 | 12:46:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/08/03 | 12:46:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/08/03 | 12:46:36.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2014/08/03 | 12:49:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |

Aug 02, 14 16:06

XRT_OGLIST_0451.chk

Page 6/7

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|
| 2014/08/03 | 20:58:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/08/03 | 20:58:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/08/03 | 20:58:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2014/08/03 | 20:58:36.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2014/08/03 | 20:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/08/03 | 20:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/08/03 | 20:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2014/08/03 | 21:00:00.0 | AOCS_OrE-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 03 00 00 00 00 | |
| 2014/08/03 | 21:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2014/08/03 | 21:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2014/08/03 | 21:00:22.0 | XRT_AEC_RESET_413_OG [0x19d] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2014/08/03 | 21:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2014/08/03 | 21:00:26.0 | XRT_FLD_RESET_407_OG [0x197] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2014/08/03 | 21:01:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2014/08/03 | 21:02:56.0 | XRT_QT_PROG_SET_406_OG [0x196] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 13 | |
| 2014/08/03 | 21:02:58.0 | XRT_FL_PROG_SET_438_OG [0x1b6] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 01 | |
| 2014/08/03 | 21:40:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2014/08/03 | 21:41:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2014/08/03 | 22:37:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/08/03 | 22:37:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/08/03 | 22:37:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2014/08/03 | 22:37:06.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2014/08/03 | 22:40:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2014/08/03 | 23:14:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2014/08/03 | 23:15:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2014/08/03 | 23:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/08/03 | 23:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/08/03 | 23:59:58.0 | XRT_FOCUS_POSITION_449_OG [0x1c1] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2014/08/04 | 00:00:00.0 | AOCS_OrE-point_Start_5_OG [0x09b] | AOCU_NM | 5 | 02-76 | 00 ad 59 00 00 | |
| 2014/08/04 | 00:00:18.0 | XRT_FLD_DIS_446_OG [0x1be] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2014/08/04 | 00:00:20.0 | XRT_FLRCTRL_DIS_445_OG [0x1bd] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2014/08/04 | 00:00:22.0 | XRT_ARS_DIS_414_OG [0x19e] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2014/08/04 | 00:00:24.0 | XRT_QT_PROG_SET_436_OG [0x1b4] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0a | |
| 2014/08/04 | 00:15:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2014/08/04 | 01:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/08/04 | 01:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/08/04 | 01:59:58.0 | XRT_FOCUS_POSITION_449_OG [0x1c1] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2014/08/04 | 02:00:00.0 | AOCS_OrE-point_Start_6_OG [0x09c] | AOCU_NM | 5 | 02-76 | 00 00 00 54 00 | |
| 2014/08/04 | 02:00:18.0 | XRT_FLD_DIS_446_OG [0x1be] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2014/08/04 | 02:00:20.0 | XRT_FLRCTRL_DIS_445_OG [0x1bd] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2014/08/04 | 02:00:22.0 | XRT_ARS_DIS_414_OG [0x19e] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2014/08/04 | 02:00:24.0 | XRT_QT_PROG_SET_409_OG [0x199] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 | |
| 2014/08/04 | 02:15:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2014/08/04 | 03:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/08/04 | 03:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/08/04 | 03:59:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2014/08/04 | 04:00:00.0 | AOCS_OrE-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | |

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Page 7/7

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|------------|------------|---|---|-------|----------------|--|--|--|--|
| 2014/08/04 | 04:00:18.0 | XRT_FLD_DIS_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2014/08/04 | 04:02:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2014/08/04 | 04:02:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2014/08/04 | 04:02:58.0 | XRT_QT_PROG_SET_421_OG [0x1a5] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0f | | | | |
| 2014/08/04 | 04:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2014/08/04 | 04:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/08/04 | 04:10:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 03 00 00 00 00 | | | | |
| 2014/08/04 | 04:10:00.5 | XRT_CTRL_MANU_404_OG [0x194] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/08/04 | 04:10:10.5 | XRT_FOCUS_RECALIBRATE_441_OG [0x1b9] | | | | | | | |
| | | XRT_FOCUS_RECAL | 2 | 07-F8 | 78 00 | | | | |
| 2014/08/04 | 04:14:10.5 | XRT_FOCUS_POSITION_403_OG [0x193] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2014/08/04 | 04:15:00.0 | XRT_TCIB_XRT_S_HTR_A_ENA_417_OG [0x1a1] | | | | | | | |
| | | TCIB_XRT_S_HTR_A_ENA | 0 | 04-BC | | | | | |
| 2014/08/04 | 17:00:00.0 | AOCS_ORe-point_Start_4_OG [0x09a] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 00 00 00 00 | | | | |
| 2014/08/04 | 21:00:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 03 00 00 00 00 | | | | |
| 2014/08/05 | 04:45:00.0 | AOCS_ORe-point_Start_7_OG [0x09d] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | | | | |
| 2014/08/05 | 10:06:00.0 | AOCS_ORe-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |