

XRT Timeline to be uploaded on 2021/04/01

Period: 2021/04/01 11:01:00 - 2021/04/06 11:17:00

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Normal mode

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XOB #1C97: AR - Filter-Ratio with thin-Be (long/short pairs) and Med-Be (short) with PFB, 384x384 at 1064 1048, with G-band (1ms/1ms VLS=CLS), 60 cad

| Term | Pointing (x, y) | Comment |
|---------------------------------|---|-----------------------------|
| 04/01 11:23:30 - 04/01 17:46:24 | Track (691.8, 396.4) @ 04/01 11:11:00 | # OP start + 10min AR 12812 |
| PROG= 03 Inf.-time(s) | | |
| └─ Subr= 1 1-time(s) 2.0sec | | |
| └─ Seqn= 92 1-time(s) 2.0sec | | |
| └─ Open/G-band | Open/G-band open Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) | DPCM 0 0 2.0sec |
| └─ Open/G-band | Open/G-band close Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) | DPCM 0 0 2.0sec |
| └─ Open/Ti-poly | Open/thick-Al close Safe Dark 16.0s Obs 1x1 384x384 (1064, 1048) | Q=98 0 0 2.0sec |
| └─ Subr= 2 120-time(s) 60.0sec | | |
| └─ Seqn= 37 1-time(s) 2.0sec | | |
| └─ thin-Be/Open | med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) | Q=95 2 0 2.0sec |
| └─ thin-Be/Open | med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) | Q=95 3 0 2.0sec |
| └─ med-Be/Open | Open/thick-Al close Safe Norm 1.00s Obs 1x1 384x384 (1064, 1048) | Q=95 3 0 2.0sec |
| └─ Seqn= 59 1-time(s) 2.0sec | | |
| └─ thin-Be/Open | med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) | Q=95 3 1 2.0sec |
| └─ med-Be/Open | Open/thick-Al close Safe Norm 1.00s Obs 1x1 384x384 (1064, 1048) | Q=95 3 1 2.0sec |
| └─ thin-Be/Open | med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) | Q=95 3 2 2.0sec |
| └─ med-Be/Open | Open/thick-Al close Safe Norm 1.00s 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 #1C6B: Synoptic Q95 2x2 - Al/mesh(64/512/2897) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(128/1024/4096) +

| Term | Pointing (x, y) | Comment |
|---------------------------------|---|-------------------------------------|
| 04/01 17:49:30 - 04/01 17:56:24 | Fixed (0.0, 0.0) | synoptic, shifted -13.5 min |
| 04/02 06:03:00 - 04/02 06:09:54 | Fixed (0.0, 0.0) | HOP349 + synoptic |
| 04/02 18:06:00 - 04/02 18:12:54 | Fixed (0.0, 0.0) | synoptic, shifted 3.0 min |
| 04/03 06:24:00 - 04/03 06:30:54 | Fixed (0.0, 0.0) | HOP349 + synoptic, shifted 21.0 min |
| PROG= 06 1-time(s) | | |
| └─ Subr= 1 1-time(s) 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= 36 1-time(s) 2.0sec | | |
| └─ Open/Al-mesh | Open/Al-mesh close Safe Norm 63ms Obs 2x2 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| └─ Open/Al-mesh | Open/Al-mesh close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| └─ Open/Al-mesh | Open/Al-mesh close Safe Norm 2.83s Obs 2x2 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| └─ Seqn= 85 1-time(s) 2.0sec | | |
| └─ Al-poly/Open | Al-poly/Open close Safe Norm 125ms Obs 2x2 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| └─ Al-poly/Open | Al-poly/Open close Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| └─ Al-poly/Open | Al-poly/thick-Al close Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| └─ Seqn= 33 1-time(s) 2.0sec | | |
| └─ thin-Be/Open | thin-Be/Open close Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| └─ thin-Be/Open | thin-Be/Open close Safe Norm 11.3s Obs 2x2 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| └─ thin-Be/Open | thin-Be/Open close Safe Norm 22.6s Obs 2x2 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| └─ Seqn= 23 1-time(s) 2.0sec | | |
| └─ Open/G-band | Open/G-band open Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) | Q=90 0 0 2.0sec |
| └─ Open/G-band | Open/G-band close Safe Norm 1ms 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 #1C92: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 600s cad (G-band/Leak first)

| Term | Pointing (x, y) | Comment |
|---------------------------------|---|-----------------|
| 04/01 17:59:30 - 04/02 01:59:54 | Track (727.4, 391.0) @ 04/01 17:56:30 | # AR 12812 |
| 04/02 06:13:00 - 04/02 18:02:54 | Track (280.9, -487.0) @ 04/02 06:10:00 | #Filament Obs. |
| 04/02 18:16:00 - 04/02 22:59:54 | Track (357.3, -491.1) @ 04/02 18:13:00 | #Filament Obs. |
| 04/02 23:03:00 - 04/03 01:59:54 | Track (-36.0, 69.0) @ 04/02 23:00:00 | HOP393 |
| 04/03 06:34:00 - 04/03 10:40:00 | Track (430.8, -496.2) @ 04/03 06:31:00 | #Filament Obs. |
| PROG= 01 Inf.-time(s) | | |
| └─ Subr= 1 1-time(s) 2.0sec | | |
| └─ Seqn= 30 1-time(s) 2.0sec | | |
| └─ Open/G-band | Open/G-band open Safe Norm 1ms Obs 1x1 512x512 (1024, 1024) | Q=90 0 0 2.0sec |
| └─ Open/G-band | Open/G-band close Safe Norm 1ms Obs 1x1 512x512 (1024, 1024) | Q=95 0 0 2.0sec |
| └─ Subr= 2 5-time(s) 720.0sec | | |
| └─ Seqn= 8 1-time(s) 2.0sec | | |
| └─ thin-Be/Open | med-Be/Open close Safe Norm 1.00s Obs 4x4 2048x2048 (1024, 1024) | Q=98 3 0 2.0sec |
| └─ thin-Be/Open | med-Be/Open close Safe Norm 1.41s Obs 4x4 2048x2048 (1024, 1024) | DPCM 2 0 2.0sec |
| └─ Seqn= 6 1-time(s) 2.0sec | | |
| └─ Al-poly/Open | Al-poly/Open close Safe Norm 125ms Obs 4x4 2048x2048 (1024, 1024) | Q=98 3 0 2.0sec |
| └─ Al-poly/Open | Al-poly/Open close Safe Norm 1.00s Obs 4x4 2048x2048 (1024, 1024) | DPCM 2 0 2.0sec |
| Default Filter | Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval | |

XOB #1C30: HOP349 - 3-filter Synoptics (Al-mesh[64/512/2897], Al-poly[181/1024/8192], thin-Be[1024/11571/23142] with 512x512 G-band 1ms+Leak - 50min

| Term | Pointing (x, y) | Comment |
|-----------------------------------|--|--|
| 04/02 02:03:00 - 04/02 05:59:54 | Fixed (0.0, 0.0) | HOP349 + synoptic |
| 04/03 02:03:00 - 04/03 06:20:54 | Fixed (0.0, 0.0) | HOP349 + synoptic, shifted 21.0 min |
| PROG= 07 Inf-time(s) | | |
| Subr= 1 1-time(s) 600.0sec | | |
| Seqn= 36 1-time(s) 2.0sec | | |
| Open/Al-mesh Open/Al-mesh close | Safe Norm 63ms Obs 2x2 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| Open/Al-mesh Open/Al-mesh close | Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| Open/Al-mesh Open/Al-mesh close | Safe Norm 2.83s Obs 2x2 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| Seqn= 93 1-time(s) 2.0sec | | |
| Al-poly/Open Al-poly/Open close | Safe Norm 177ms Obs 2x2 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| Al-poly/Open Al-poly/Open close | Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| Al-poly/Open Al-poly/Open close | Safe Norm 8.00s Obs 2x2 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| Seqn= 33 1-time(s) 2.0sec | | |
| thin-Be/Open thin-Be/Open close | Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| thin-Be/Open thin-Be/Open close | Safe Norm 11.3s Obs 2x2 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| thin-Be/Open thin-Be/Open close | Safe Norm 22.6s Obs 2x2 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| Seqn= 30 1-time(s) 2.0sec | | |
| Open/G-band Open/G-band open | Safe Norm 1ms Obs 1x1 512x512 (1024, 1024) | Q=90 0 0 2.0sec |
| Open/G-band Open/G-band close | Safe Norm 1ms Obs 1x1 512x512 (1024, 1024) | Q=95 0 0 2.0sec |
| Subr= 2 4-time(s) 600.0sec | | |
| Seqn= 8 1-time(s) 2.0sec | | |
| thin-Be/Open med-Be/Open close | Safe Norm 1.00s Obs 4x4 2048x2048 (1024, 1024) | Q=98 3 0 2.0sec |
| thin-Be/Open med-Be/Open close | Safe Norm 1.41s Obs 4x4 2048x2048 (1024, 1024) | DPCM 2 0 2.0sec |
| Seqn= 6 1-time(s) 2.0sec | | |
| Al-poly/Open Al-poly/Open close | Safe Norm 125ms Obs 4x4 2048x2048 (1024, 1024) | Q=98 3 0 2.0sec |
| Al-poly/Open Al-poly/Open close | Safe Norm 1.00s Obs 4x4 2048x2048 (1024, 1024) | DPCM 2 0 2.0sec |
| Seqn= 29 1-time(s) 2.0sec | | |
| Open/Al-mesh Open/Al-mesh close | Safe Norm 125ms Obs 4x4 2048x2048 (1024, 1024) | Q=98 3 0 2.0sec |
| Open/Al-mesh Open/Al-mesh close | Safe Norm 250ms 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 |

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Flare mode

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XOB #1C96: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Be/thick), AEC 3, 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512x512 2x2) + GB

| Term | Pointing (x, y) | Comment |
|-------------------------------------|--|--|
| 04/01 11:23:30 - 04/01 17:46:24 | Track (691.8, 396.4) @ 04/01 11:11:00 | # OP start + 10min AR 12812 |
| 04/01 17:59:30 - 04/02 01:59:54 | Track (727.4, 391.0) @ 04/01 17:56:30 | # AR 12812 |
| 04/02 02:03:00 - 04/02 05:59:54 | Fixed (0.0, 0.0) | HOP349 + synoptic |
| 04/02 06:13:00 - 04/02 18:02:54 | Track (280.9, -487.0) @ 04/02 06:10:00 | #Filament Obs. |
| 04/02 18:16:00 - 04/02 22:59:54 | Track (357.3, -491.1) @ 04/02 18:13:00 | #Filament Obs. |
| 04/02 23:03:00 - 04/03 01:59:54 | Track (-36.0, 69.0) @ 04/02 23:00:00 | HOP393 |
| 04/03 02:03:00 - 04/03 06:20:54 | Fixed (0.0, 0.0) | HOP349 + synoptic, shifted 21.0 min |
| 04/03 06:34:00 - 04/03 10:40:00 | Track (430.8, -496.2) @ 04/03 06:31:00 | #Filament Obs. |
| PROG= 04 30-time(s) | | |
| Subr= 1 20-time(s) 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= 73 1-time(s) 10.0sec | | |
| thin-Be/Open med-Be/Open close | Safe Norm 125ms 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-Be Open/thick-Be close | Safe Norm 2.00s 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= 87 1-time(s) 2.0sec | | |
| Open/G-band Open/G-band open | Safe Norm 1ms Obs 1x1 384x384 (1024, 1024) | Q=98 0 0 2.0sec |
| Open/G-band Open/G-band close | Safe Norm 1ms 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 |

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Active Region Search

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NOT USED

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Flare Detection

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FLD Patrol

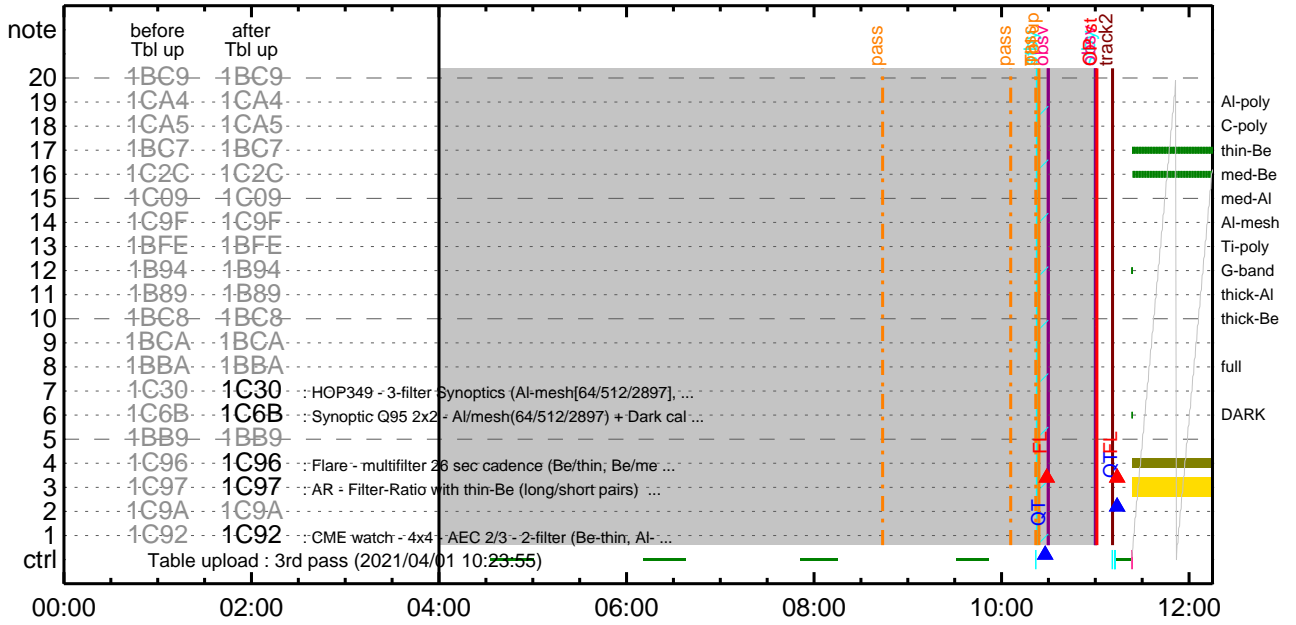
| Term | Pointing (x, y) | Comment |
|---------------------------------|---|----------------|
| 04/01 17:56:48 - 04/02 06:00:16 | Track (727.4, 391.0) @ 04/01 17:56:30 | # AR 12812 |
| 04/02 06:10:18 - 04/02 18:03:16 | Track (280.9, -487.0) @ 04/02 06:10:00 | #Filament Obs. |

04/02 18:13:18 - 04/03 06:21:16 Track (357.3, -491.1) @ 04/02 18:13:00 #Filament Obs.

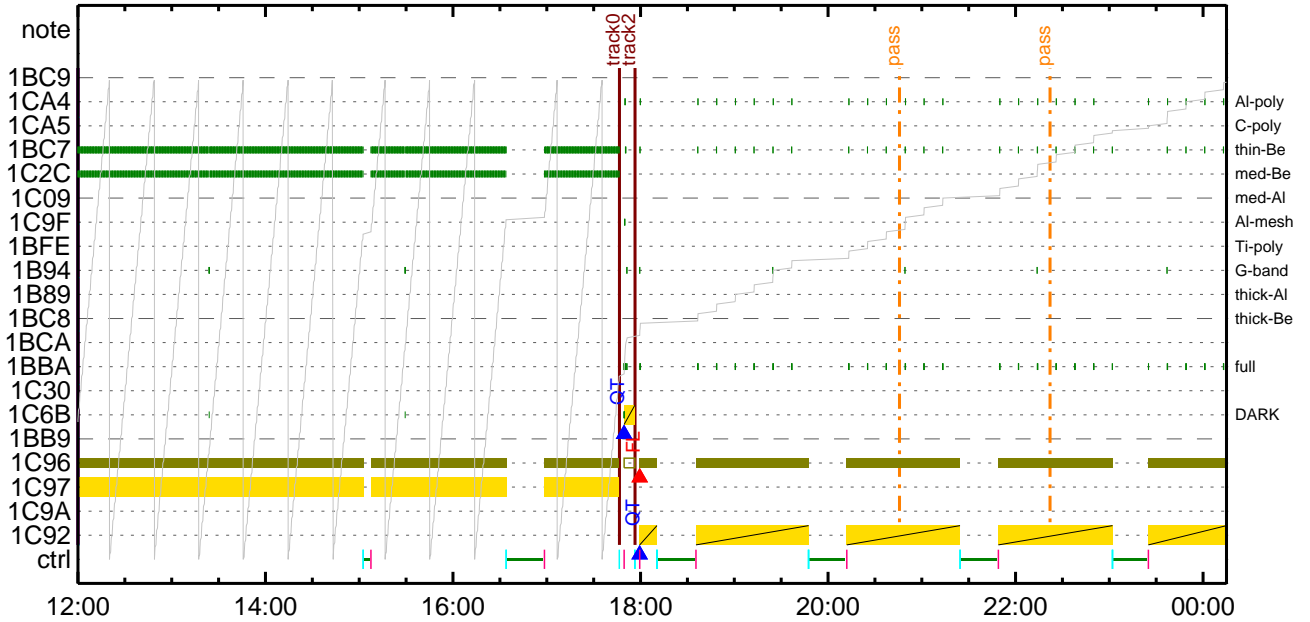
04/03 06:31:18 - 04/06 11:17:00 Track (430.8, -496.2) @ 04/03 06:31:00 #Filament Obs.

| | | | | | | | | | | | |
|----------------|----------------|-------|------|-------|------|-----|-----|--------------------|-------|------------|----------|
| Al-poly/Open | Al-poly/Open | 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 |

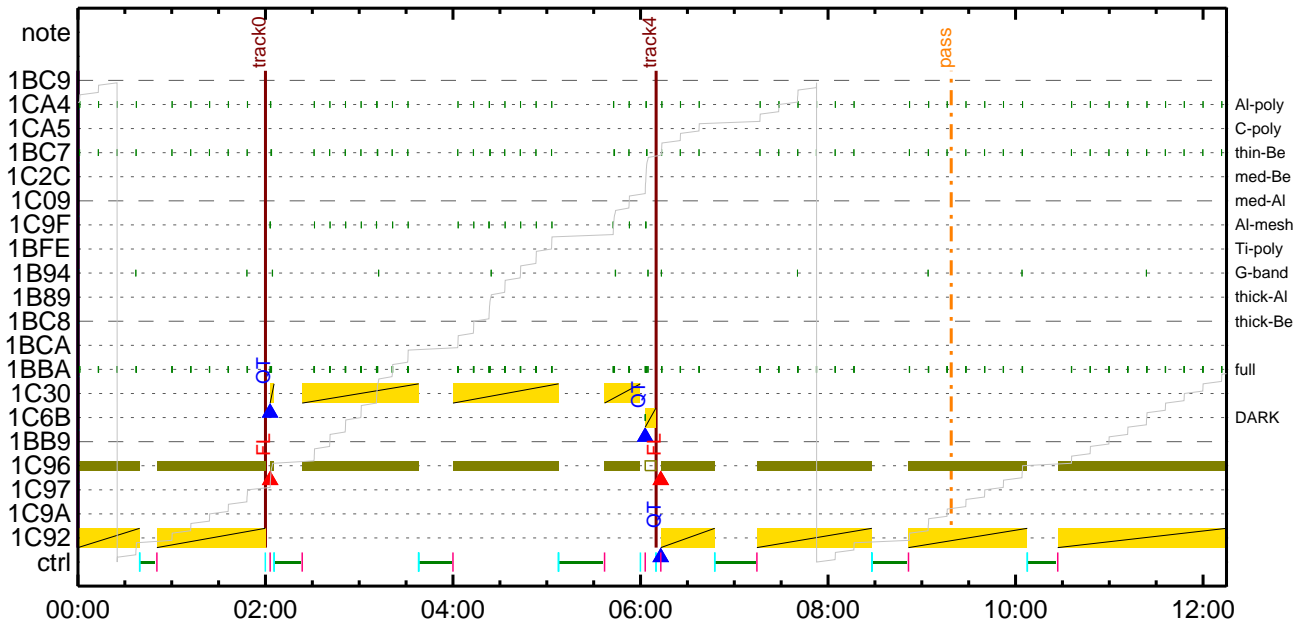
CMDI #0548 2021/04/01



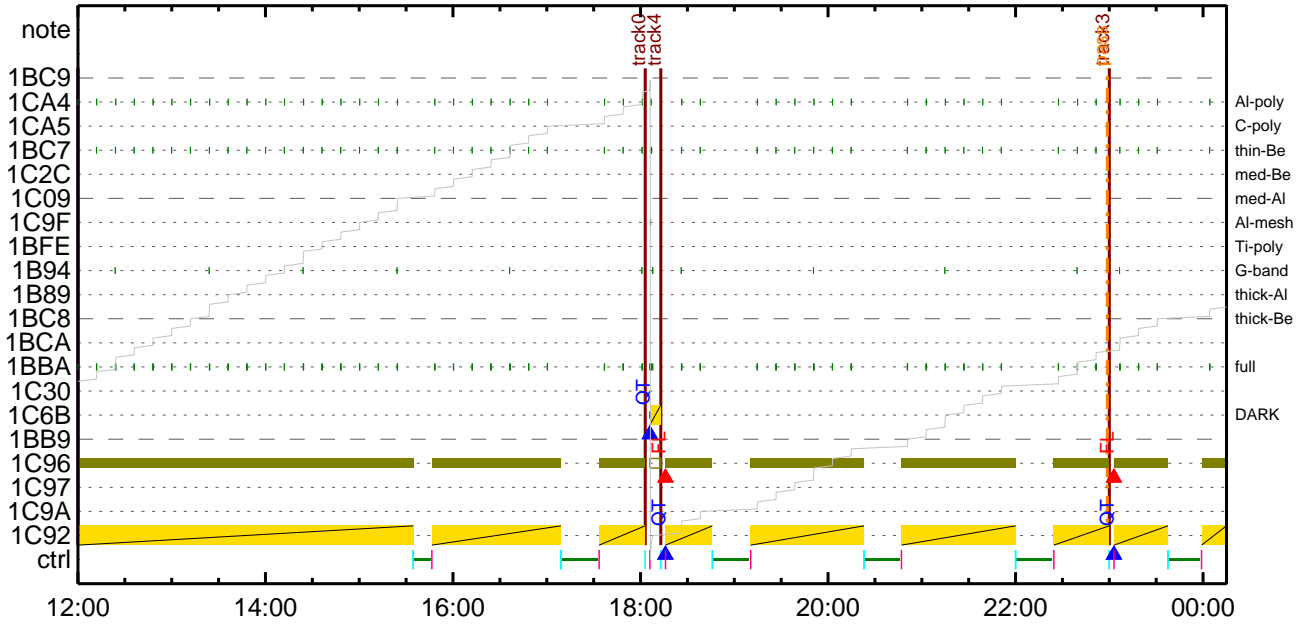
CMDI #0548 2021/04/01



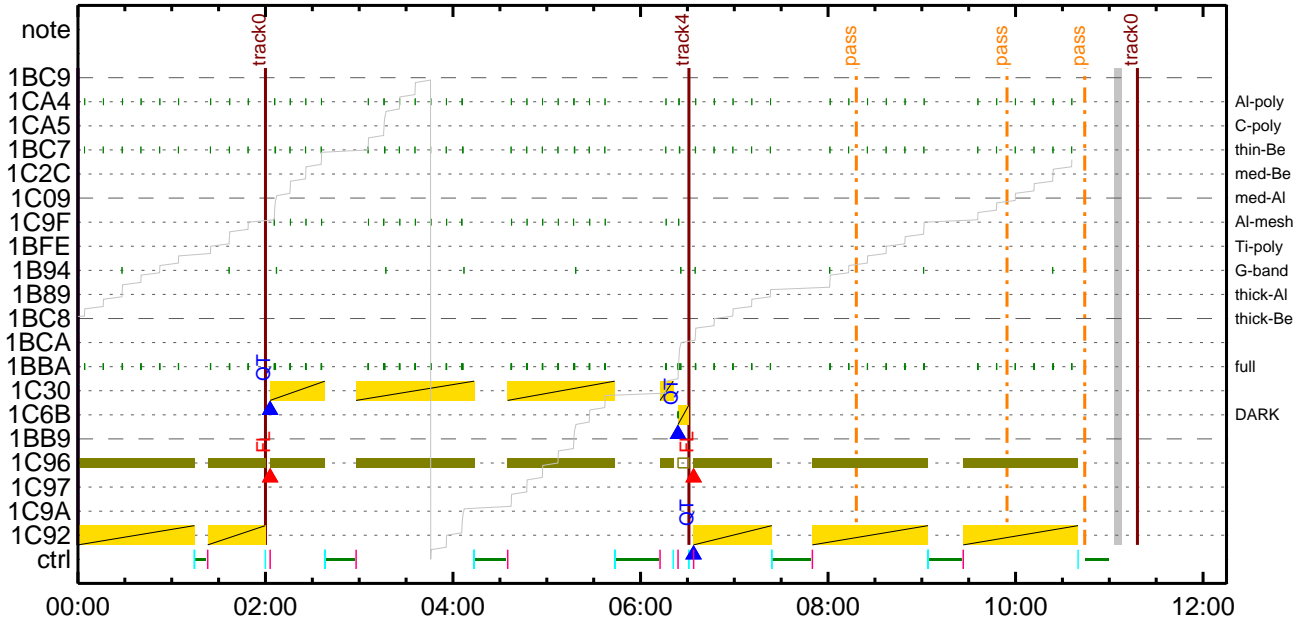
CMDI #0548 2021/04/02



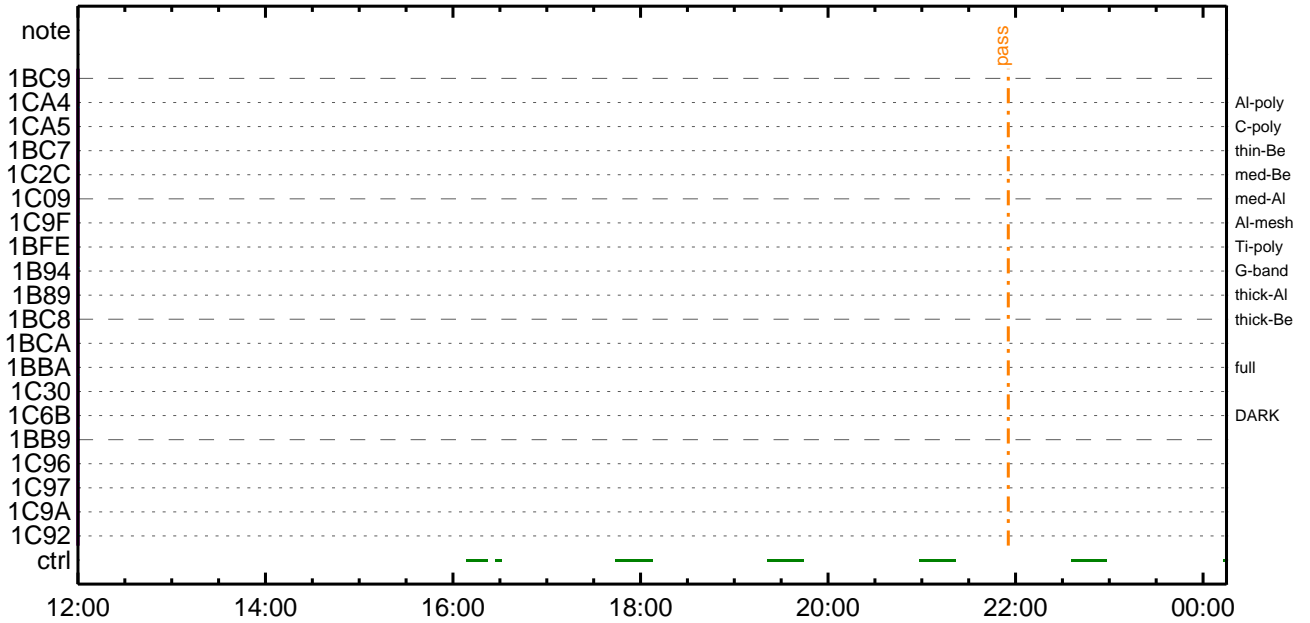
CMDI #0548 2021/04/02



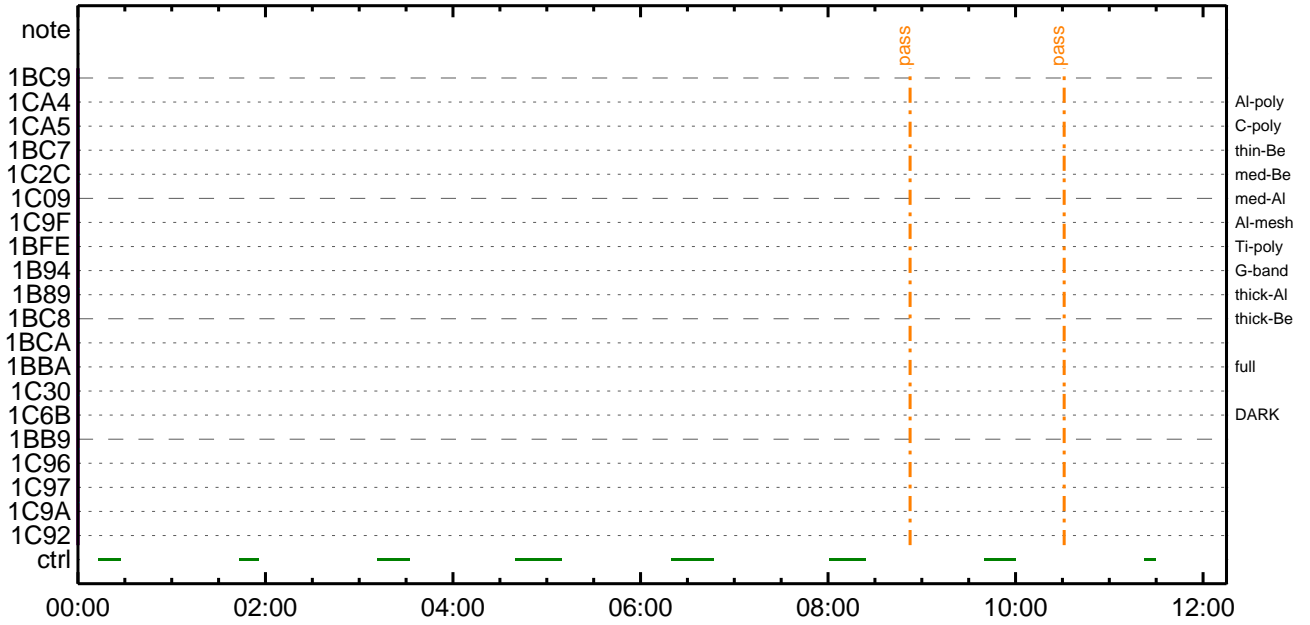
CMDI #0548 2021/04/03



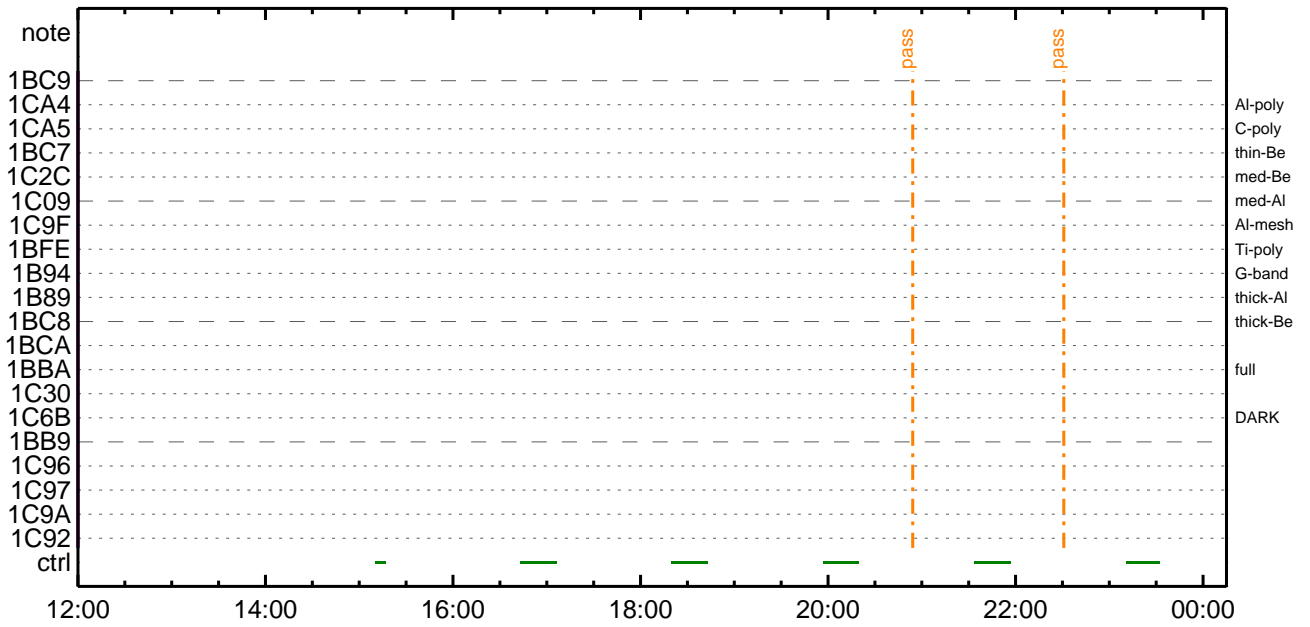
CMDI #0548 2021/04/03



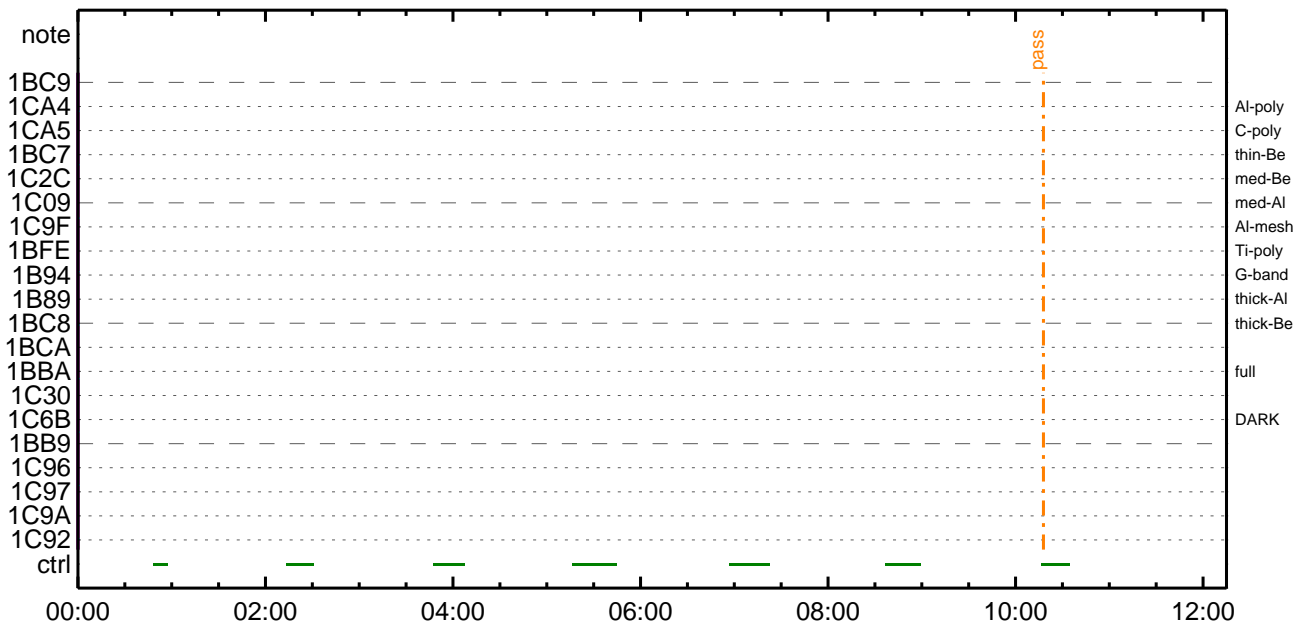
CMDI #0548 2021/04/04



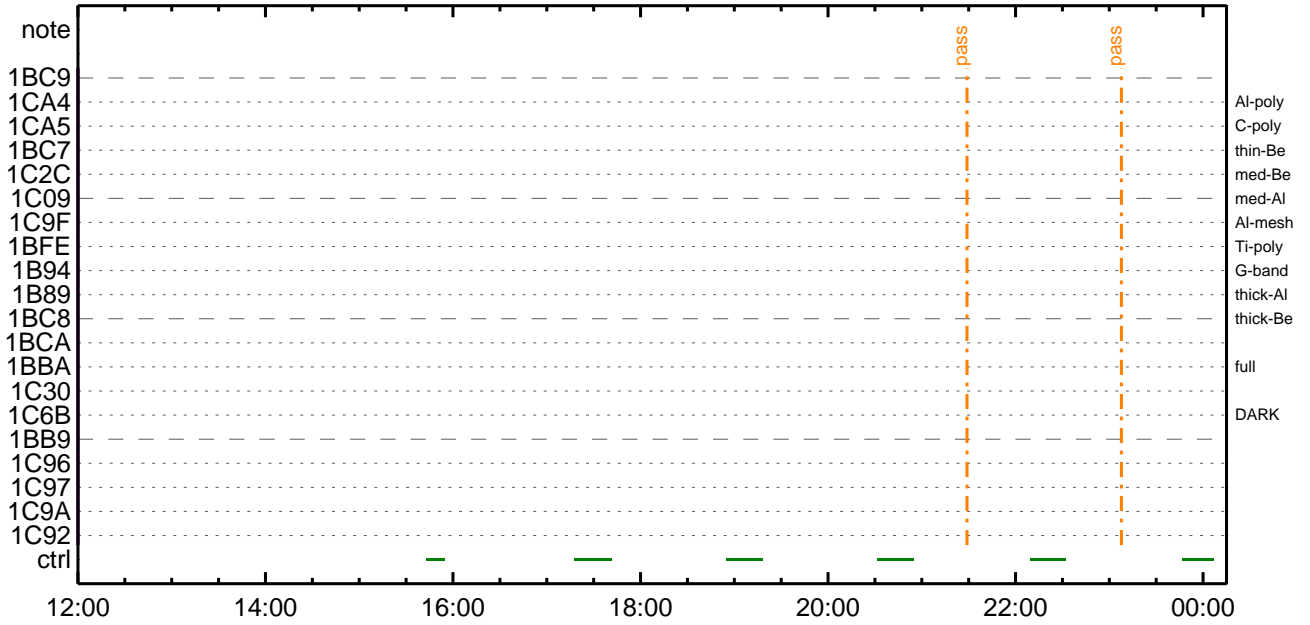
CMDI #0548 2021/04/04



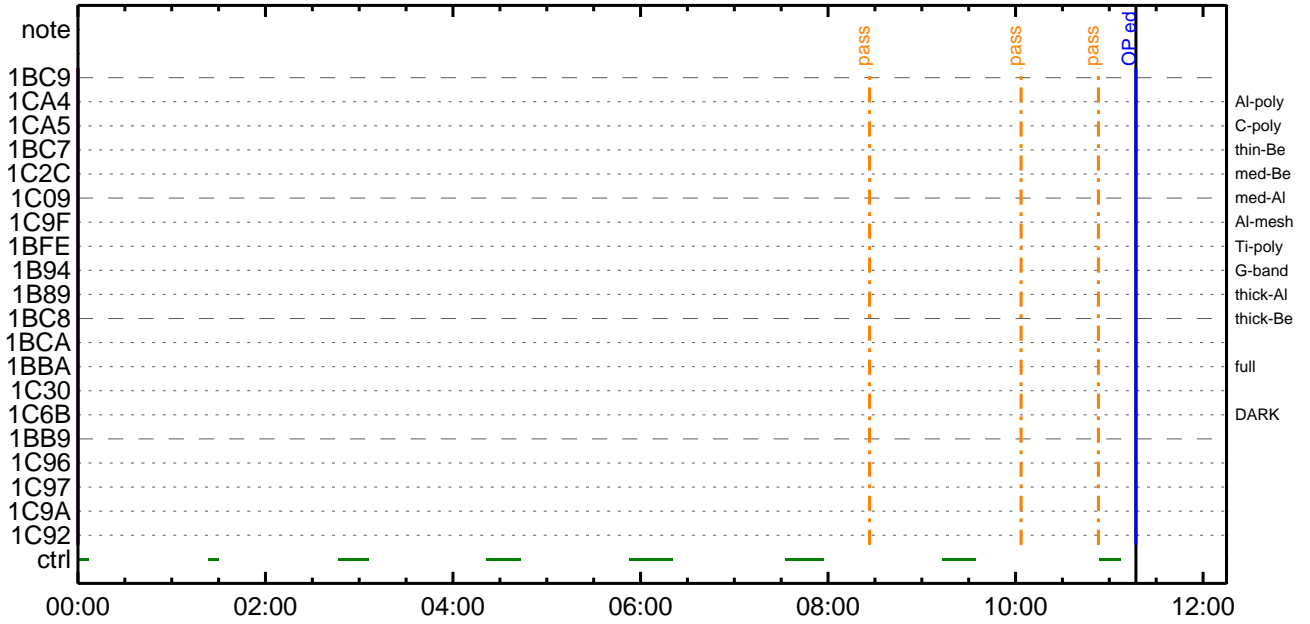
CMDI #0548 2021/04/05



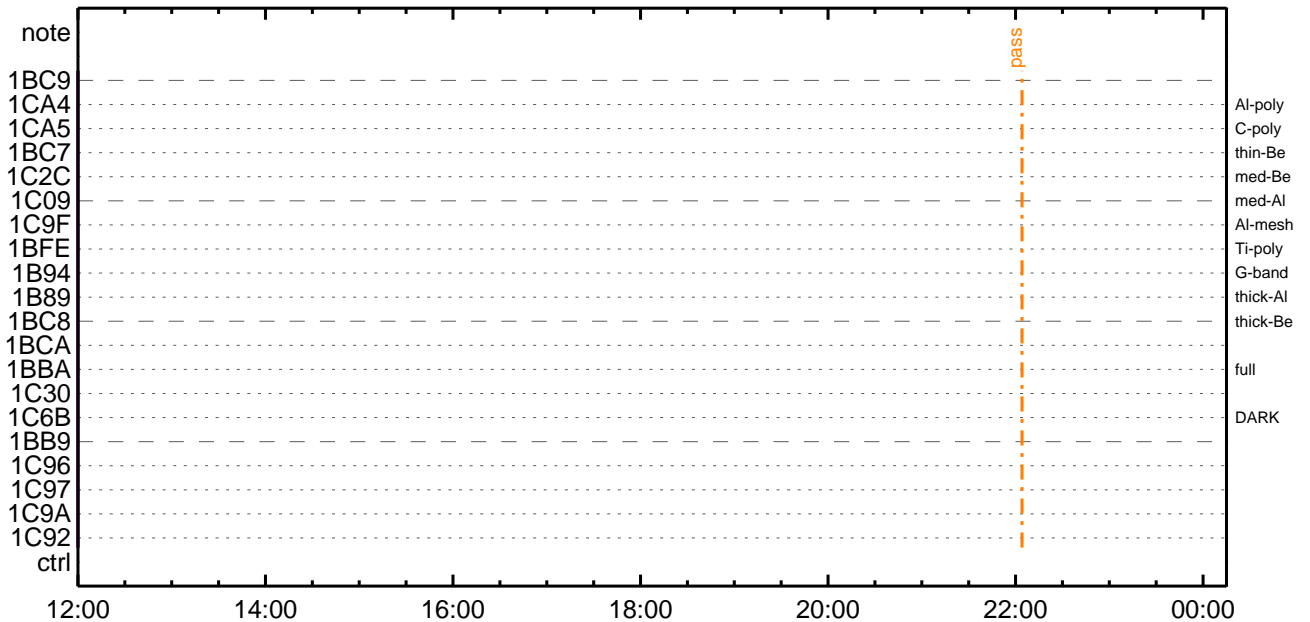
CMDI #0548 2021/04/05



CMDI #0548 2021/04/06



CMDI #0548 2021/04/06




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0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;|YAYOYx
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-407:OP
0104 ( )
0105 S. OG og-407:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPîî°èYAYOYx;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. YAYOYx½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG²î¼E¹ç•è²îOKò³îÇ§
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. çç[HK1_PKT_FORM_NO] EQ 7
0139 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 C. YAYOYx½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG²î¼E¹ç•è²îOKò³îÇ§
0146 C.
0147 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. çç[HK1_PKT_FORM_NO] EQ 7
0158 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 C. YAYOYx½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OP²î¼E¹ç•è²îOKò³îÇ§
0165 C.
0166 C. ***** °E²¼òî¼Ã´¶Á°òEÉ¬ò°Á÷¿@ (¼âµ-YAYOYx½ê¼çòðÁÓÆòÇ¼ª°¬òE¼î¹çòçòâ) *****
0167 C. DHUYâ;4YE;E¼Y½, Yî;4YE;Eòðîã¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç[HK1_PKT_FORM_NO] EQ 2
0171 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 C. NOTICE ;§ OPOG UPLOAD²-Á÷¿@NG²î¼î¹ç;ç°E²¼òî¼TI-CMDÁ÷¿@²î¼Á¹Ô²•²E²²²³²E;f
0180 C. ²²²¿;çSET²E²DUMP²î¼E²±²îY²¹²ç¹Ô²|²³²E;f
0181 C.
0182 C. TIY³Y²Y²Y²E²òðÁDî¿(UT)
0183 +. TI 2021-04-01 10:56:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2021-04-01 10:56:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2021-04-01 10:56:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

```

```

0194 C.
0195 +. TI 2021-04-01 11:00:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          çç[HK1_TI_CMD_NUM]                EQ      1COUNTUP
0198 C.
0199 C. °È²¼□îÄë%îíñ□îŷÄŷ§ŷÄŷ-¹àîÛ
0200 C.          çç[HK1_TI_CMD_ENA/DIS]            EQ      ENA
0201 C.          çç[HK1_TI_CMD_NUM]                EQ      4
0202 C.          çç[HK1_NEXT_EXEC_PIM]            EQ      DHU
0203 C.          çç[HK1_NEXT_EXEC_DC]            EQ      0xB3
0204 C.
0205 C. *****
0206 C. TIîŷ°èŷÄŷÖŷ×
0207 C. *****
0208 C.
0209 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC      (03 ab 03 01 02)
0212 C.          çç[HK1_DMP_TOP_ADRS_1]          EQ      07
0213 C.          çç[HK1_DMP_TOP_ADRS_0]          EQ      2B
0214 C.          çç[HK1_DMP_BLOCK_NUM]           EQ      3
0215 C.          çç[HK1_DMP_REPEAT_NUM]         EQ      0
0216 C.          çç[HK1_DMA_DMP_PIM]            EQ      DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC      (07 0b f8)
0219 C.          çç[HK1_PKT_FORM_NO]             EQ      7
0220 C.          çç[HK1_PKT_GEN_TIME]            EQ      0.25 s
0221 C.          çç[HK1_S_TLM_BIT_RATE]         EQ      32k
0222 C.          çç[HK1_X_TLM_BIT_RATE]         EQ      4M
0223 C.          çç[HK1_DMP_CHK_FLG]            EQ      EXEC
0224 C.
0225 C. ŷÄŷÖŷ×½ªî»□ð³îç§
0226 C.          çç[HK1_DMP_CHK_FLG]            EQ      NON
0227 C.
0228 C. RAM ID=TI_TBL□îŷ°èŷÄŷÖŷ×½ªî»□ð³îç§
0229 C.
0230 C. DHUŷâ;¼ŷÉ;È¼ŷ¼. ŷî;¼ŷÈ;È□ðîä□¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC      (02 0a f8)
0233 C.          çç[HK1_PKT_FORM_NO]             EQ      2
0234 C.          çç[HK1_PKT_GEN_TIME]            EQ      0.5S
0235 C.          çç[HK1_S_TLM_BIT_RATE]         EQ      32K
0236 C.          çç[HK1_X_TLM_BIT_RATE]         EQ      4M
0237 C.
0238 C. *****
0239 C. SOT TI command set
0240 C. *****
0241 C. Execute, after the success of OP upload.
0242 +. TI 2021-04-01 11:00:16.0
0243 DC 07-F0 MDP_SOT_MODE_STBY
0244 BC      (41)
0245 C. -----
0246 C. HK1_TI_CMD_NUM          = 1 CNTUP [ ]
0247 C. -----
0248 C. ***** SOT END *****
0249 C. Stop EIS observation and temporarily disable EIS mode changes
0250 C.
0251 C.
0252 C. ***** Start EIS operation (TI set) *****
0253 C. Execute, after the success of OP upload.
0254 C. Set EIS TI-commands
0255 +. TI 2021-04-01 11:00:30.0
0256 DC 07-FC EIS_MODE_MANU
0257 BC      (21 02)
0258 +. TI 2021-04-01 11:00:40.0
0259 DC 07-FC EIS_MODE_CHG_DIS
0260 BC      (22)
0261 C.          [ ] [HK1_TI_CMD_NUM]            EQ      2 COUNTUP
0262 C. ***** End EIS operation (TI set) *****
0263 C.
0264 C.
0265 C.
0266 C. ***** XRT START *****
0267 C. Execute, after the success of OP upload.
0268 +. TI 2021-04-01 11:00:00.0
0269 DC 07-F0 MDP_XRT_MODE_STBY
0270 BC      (c3)
0271 C.          [ ] [HK1_TI_CMD_NUM]            EQ      1COUNTUP
0272 C.
0273 C. ***** XRT END *****
0274 C.
0275 C. ***** MDP ´ûÄî□î»ö¼ŷ□ÈÄð□¹□èDCBC•x²è *****
0276 C. (¼á°îŷÖŷÄŷÈŷŷŷÄŷŷŷÈŷáŷŷŷÈŷ¼□□¼Ä»Û□¹□è)
0277 S. DC-BC dcbc-402:DCBC
0278 (MDP_known_event)
0279 C.
0280 C.
0281 C. ***** ŷÐŷ¹•î Daily±çîñ□èŷ°□¹□èDCBC•x²è *****
0282 S. DC-BC dcbc-153:DCBC
0283 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0284 C.
0285 C.
0286 C. ;ãLOSŷÄŷ§ŷÄŷ-¼Ä»Û;ã
0287 C.
0288 C. ***** LOS *****
0289 C.

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(a) Spacecraft Operation Procedure (real-commands)

```
main-408 2021-04-01 11:39:53 85 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYſYÄY^-¼Ä»Û;ä
0005 C.
0006 C. YÄYſ;¼Y³YſYóYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;Ë¿¿Àß•µ°Æ»Í×ÁÇáíYçYÄY×Yí;¼YÉ;ËÈ%µ•ííË;ËßÈ¼°ÇÔß•¿¿¼í¹ç¿í;çÄ®, ù¿¹æßßßçÄ+¿®ß•ßËßßß³ßË;f
0011 +. DC 02-8E AOCU_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 AOCU_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 AOCU_ORB_UPD
0044 . C.
0045 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0046 +. DC 07-FC EIS_MODE_CHG_ENA
0047 BC (20)
0048 . C. Verify EIS_MODE_CHG_FLG is ENA
0049 +. DC 07-FC EIS_MODE_MANU
0050 BC (21 02)
0051 . C. Verify EIS in MANUAL mode
0052 . C. Estimated OBSTBL upload time is 27s
0053 C. *****
0054 C. EIS START OBSTBL LOAD
0055 C. *****
0056 . S. RAM ram-820:EIS_OBSTBL
0057 ( )
0058 +. DC 07-FC EIS_DUMP_OBSTBL
0059 BC (07 07 07 00 00 70 00)
0060 C.
0061 C. Execute, after the success of OBSTBL upload.
0062 C. Set EIS TI-commands
0063 +. TI 2021-04-01 11:00:50.0
0064 DC 07-FC EIS_MODE_CHG_ENA
0065 BC (20)
0066 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0067 C. *****
0068 C. EIS END OBSTBL LOAD
0069 C. *****
0070 C.
0071 . C. ***** MDP ^ûÁíïí»ô%YóÈÄß¹æDCBC•×²è *****
0072 C. (%á°íYóYÄYſYſYÉYáYçYéE¼¼¼Ä»Û¹æ)
0073 . S. DC-BC dcbc-402:DCBC
0074 (MDP_known_event)
0075 C.
0076 C.
0077 . C. ***** YDY¹•İ Daily±¿İÑæ´Ø¿¹æDCBC•×²è *****
0078 . S. DC-BC dcbc-153:DCBC
0079 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0080 C.
0081 C.
0082 . C. ;ãLOSÁYſYÄY^-¼Ä»Û;ä
0083 C.
0084 . C. ***** LOS *****
0085 C.
```



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0096 C.
0097 C.
0098 C.
0099 C. ***** XRT START *****
0100 C.
0101 +. DC 07-F0 MDP_XRT_CTRL_MANU
0102 BC (c1)
0103 + DC 07-F0 MDP_XRT_MODE_STBY
0104 BC (c3)
0105 . C. ----- Success Verify ? OK / NG____
0106 C.
0107 C. XRT Obs. Table Upload
0108 . S. RAM ram-291:MDP_OBS_X
0109 ()
0110 C.
0111 +. DC 07-F0 MDP_DUMP_XRTTBL
0112 BC (84 07 00 00 00 3a d4)
0113 . C. ----- Comparison Check ? OK / ERR ____
0114 C.
0115 C.
0116 +. DC 07-F0 MDP_XRT_ROI_SET
0117 BC (cd 01 b1 b1 04 04)
0118 + DC 07-F0 MDP_XRT_ROI_SET
0119 BC (cd 02 b1 b1 08 08)
0120 + DC 07-F0 MDP_XRT_ROI_SET
0121 BC (cd 03 b1 b1 08 08)
0122 + DC 07-F0 MDP_XRT_ROI_SET
0123 BC (cd 04 b1 b1 06 06)
0124 + DC 07-F0 MDP_XRT_ROI_SET
0125 BC (cd 06 80 80 08 08)
0126 + DC 07-F0 MDP_XRT_ROI_SET
0127 BC (cd 07 80 80 20 20)
0128 + DC 07-F0 MDP_XRT_ROI_SET
0129 BC (cd 08 85 83 06 06)
0130 + DC 07-F0 MDP_XRT_ROI_SET
0131 BC (cd 09 80 80 20 08)
0132 + DC 07-F0 MDP_XRT_ROI_SET
0133 BC (cd 0a 80 80 08 20)
0134 + DC 07-F0 MDP_XRT_ROI_SET
0135 BC (cd 0f 80 80 06 06)
0136 + DC 07-F0 MDP_XRT_ROI_SET
0137 BC (cd 10 80 80 08 08)
0138 + DC 07-F0 MDP_XRT_FLD_ENA
0139 BC (d8)
0140 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0141 BC (c8)
0142 + DC 07-F0 MDP_XRT_ARS_DIS
0143 BC (d5)
0144 + DC 07-F0 MDP_XRT_AEC_RESET
0145 BC (d0)
0146 + DC 07-F0 MDP_XRT_FLD_RESET
0147 BC (da)
0148 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0149 BC (c4 01)
0150 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0151 BC (c5 04)
0152 . C. ----- Success Verify ? OK / NG ____
0153 C.
0154 C.
0155 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0156 C.
0157 +. DC 07-F0 MDP_XRT_MODE_OBSV
0158 BC (c2)
0159 +. TI 2021-04-01 11:00:02.0
0160 DC 07-F0 MDP_XRT_MODE_OBSV
0161 BC (c2)
0162 . C. ----- Success Verify ? OK / NG ____
0163 C.
0164 C. ***** XRT END *****
0165 . C. *****
0166 C. SOT table upload
0167 C. *****
0168 . C. < Stop SP table >
0169 +. DC 07-F0 MDP_SP_CTRL_MANU
0170 BC (61)
0171 C. -----
0172 C. MDP_SP_CTRL_MODE = MANU [ ]
0173 C. -----
0174 C.
0175 . C. <Upload SP Observation Table>
0176 . S. RAM ram-282:MDP_OBS_S
0177 ()
0178 C.
0179 . C. < Dump RAMID=MDP_OBS_S >
0180 +. DC 07-F0 MDP_DUMP_SPTBL
0181 BC (83 07 00 00 00 38 b8)
0182 C. -----
0183 C. MDP_OBS_S verify = OK/NG [ ]
0184 C. -----
0185 C.
0186 C. *****
0187 C. SOT TI command set
0188 C. *****
0189 C. Execute, after the success of TBL upload.
0190 +. TI 2021-04-01 11:00:18.0
0191 DC 07-F0 MDP_SOT_MODE_OBSV
0192 BC (40)
0193 . C. -----

```


*** OP Sequence for XRT ***

```

2021/04/01 11:10:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2021/04/01 11:10:56.0 XRT_FOCUS_POSITION_410_OG [0x19a]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2021/04/01 11:11:00.0 AOCS_Ore-point_Start_1_OG [0x097]
                        AOCU_NM 5 02-76 02 00 00 00 00
2021/04/01 11:11:16.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2021/04/01 11:11:18.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2021/04/01 11:11:20.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2021/04/01 11:11:22.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2021/04/01 11:11:24.0 XRT_FLD_RESET_429_OG [0x1ad]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2021/04/01 11:12:30.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2021/04/01 11:12:32.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2021/04/01 11:12:34.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2021/04/01 11:12:36.0 XRT_PREFLR_STRT_440_OG [0x1b8]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2021/04/01 11:13:56.0 XRT_QT_PROG_SET_425_OG [0x1a9]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 03
2021/04/01 11:13:58.0 XRT_FL_PROG_SET_418_OG [0x1a2]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 04
2021/04/01 11:15:44.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2021/04/01 11:22:30.0 XRT_Custom_430_OG [0x1ae]
2021/04/01 11:23:30.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2021/04/01 15:02:30.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2021/04/01 15:02:32.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2021/04/01 15:02:34.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2021/04/01 15:02:36.0 XRT_PREFLR_STRT_440_OG [0x1b8]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2021/04/01 15:05:44.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2021/04/01 15:06:30.0 XRT_Custom_430_OG [0x1ae]
2021/04/01 15:07:30.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2021/04/01 16:34:00.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2021/04/01 16:34:02.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2021/04/01 16:34:04.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2021/04/01 16:34:06.0 XRT_PREFLR_STRT_440_OG [0x1b8]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2021/04/01 16:37:14.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2021/04/01 16:57:30.0 XRT_Custom_430_OG [0x1ae]
2021/04/01 16:58:30.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2021/04/01 17:46:24.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2021/04/01 17:46:26.0 XRT_FOCUS_POSITION_406_OG [0x196]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2021/04/01 17:46:30.0 AOCS_Ore-point_Start_2_OG [0x098]
                        AOCU_NM 5 02-76 00 00 00 00 00
2021/04/01 17:46:46.0 XRT_FLD_DIS_409_OG [0x199]
                        MDP_XRT_FLD_DIS 1 07-F0 d9
2021/04/01 17:46:48.0 XRT_FLRCTRL_DIS_413_OG [0x19d]
                        MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2021/04/01 17:46:50.0 XRT_ARS_DIS_432_OG [0x1b0]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2021/04/01 17:49:28.0 XRT_QT_PROG_SET_407_OG [0x197]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 06
2021/04/01 17:49:30.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2021/04/01 17:56:24.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2021/04/01 17:56:26.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2021/04/01 17:56:28.0 XRT_FOCUS_POSITION_406_OG [0x196]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2021/04/01 17:56:30.0 AOCS_Ore-point_Start_1_OG [0x097]
                        AOCU_NM 5 02-76 02 00 00 00 00
2021/04/01 17:56:48.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2021/04/01 17:56:50.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2021/04/01 17:56:52.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2021/04/01 17:56:54.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5

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| | | | | | | | | |
|------------|------------|-----------------------------------|---------------------|---|-------|----|-------------|--|
| 2021/04/01 | 17:56:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/04/01 | 17:59:26.0 | XRT_QT_PROG_SET_433_OG [0x1b1] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 01 | |
| 2021/04/01 | 17:59:28.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | |
| 2021/04/01 | 17:59:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/04/01 | 18:10:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/04/01 | 18:10:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/04/01 | 18:10:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/04/01 | 18:10:36.0 | XRT_PREFLR_STRT_440_OG [0x1b8] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/04/01 | 18:13:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/04/01 | 18:34:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/04/01 | 18:35:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/04/01 | 19:47:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/04/01 | 19:47:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/04/01 | 19:47:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/04/01 | 19:47:36.0 | XRT_PREFLR_STRT_440_OG [0x1b8] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/04/01 | 19:50:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/04/01 | 20:11:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/04/01 | 20:12:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/04/01 | 21:24:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/04/01 | 21:24:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/04/01 | 21:24:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/04/01 | 21:24:36.0 | XRT_PREFLR_STRT_440_OG [0x1b8] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/04/01 | 21:27:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/04/01 | 21:48:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/04/01 | 21:49:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/04/01 | 23:02:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/04/01 | 23:02:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/04/01 | 23:02:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/04/01 | 23:02:06.0 | XRT_PREFLR_STRT_440_OG [0x1b8] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/04/01 | 23:05:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/04/01 | 23:24:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/04/01 | 23:25:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/04/02 | 00:39:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/04/02 | 00:39:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/04/02 | 00:39:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/04/02 | 00:39:36.0 | XRT_PREFLR_STRT_440_OG [0x1b8] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/04/02 | 00:42:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/04/02 | 00:49:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/04/02 | 00:50:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/04/02 | 01:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/04/02 | 01:59:56.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff aa 00 | |
| 2021/04/02 | 02:00:00.0 | AOCs_OrE-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 | 00 00 00 00 | |
| 2021/04/02 | 02:00:16.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2021/04/02 | 02:00:18.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2021/04/02 | 02:00:20.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2021/04/02 | 02:00:22.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2021/04/02 | 02:00:24.0 | XRT_FLD_RESET_429_OG [0x1ad] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/04/02 | 02:02:56.0 | XRT_QT_PROG_SET_404_OG [0x194] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 07 | |
| 2021/04/02 | 02:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | |

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|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2021/04/02 | 02:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/04/02 | 02:05:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/02 | 02:05:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/02 | 02:05:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/04/02 | 02:05:36.0 | XRT_PREFLR_STRT_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/04/02 | 02:08:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/04/02 | 02:22:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/04/02 | 02:23:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/04/02 | 03:38:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/02 | 03:38:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/02 | 03:38:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/04/02 | 03:38:06.0 | XRT_PREFLR_STRT_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/04/02 | 03:41:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/04/02 | 03:59:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/04/02 | 04:00:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/04/02 | 05:07:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/02 | 05:07:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/02 | 05:07:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/04/02 | 05:07:36.0 | XRT_PREFLR_STRT_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/04/02 | 05:10:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/04/02 | 05:36:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/04/02 | 05:37:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/04/02 | 05:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/02 | 05:59:56.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2021/04/02 | 06:00:16.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2021/04/02 | 06:00:18.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2021/04/02 | 06:00:20.0 | XRT_ARS_DIS_432_OG [0x1b0] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/04/02 | 06:02:58.0 | XRT_QT_PROG_SET_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 06 | | | | |
| 2021/04/02 | 06:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/04/02 | 06:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/02 | 06:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/02 | 06:09:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2021/04/02 | 06:10:00.0 | AOCs_OrE-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 00 00 00 00 | | | | |
| 2021/04/02 | 06:10:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/04/02 | 06:10:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2021/04/02 | 06:10:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2021/04/02 | 06:10:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/04/02 | 06:10:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/04/02 | 06:12:56.0 | XRT_QT_PROG_SET_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 01 | | | | |
| 2021/04/02 | 06:12:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | | | | |
| 2021/04/02 | 06:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/04/02 | 06:47:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/02 | 06:47:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/02 | 06:47:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/04/02 | 06:47:36.0 | XRT_PREFLR_STRT_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/04/02 | 06:50:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/04/02 | 07:13:30.5 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/04/02 | 07:14:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/04/02 | 08:28:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |

| | | | | | | | | |
|------------|------------|-----------------------------------|------------------------------|---|-------|----------------|--|--|
| 2021/04/02 | 08:28:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/04/02 | 08:28:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/04/02 | 08:28:06.0 | XRT_PREFLR_STRT_440_OG [0x1b8] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/04/02 | 08:31:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/04/02 | 08:50:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/04/02 | 08:51:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| 2021/04/02 | 10:07:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/04/02 | 10:07:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/04/02 | 10:07:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/04/02 | 10:07:36.0 | XRT_PREFLR_STRT_440_OG [0x1b8] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/04/02 | 10:10:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/04/02 | 10:26:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/04/02 | 10:27:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| 2021/04/02 | 15:34:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/04/02 | 15:34:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/04/02 | 15:34:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/04/02 | 15:34:36.0 | XRT_PREFLR_STRT_440_OG [0x1b8] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/04/02 | 15:37:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/04/02 | 15:45:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/04/02 | 15:46:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| 2021/04/02 | 17:09:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/04/02 | 17:09:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/04/02 | 17:09:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/04/02 | 17:09:06.0 | XRT_PREFLR_STRT_440_OG [0x1b8] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/04/02 | 17:12:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/04/02 | 17:32:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/04/02 | 17:33:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| 2021/04/02 | 18:02:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/04/02 | 18:02:56.0 | XRT_FOCUS_POSITION_406_OG [0x196] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/04/02 | 18:03:00.0 | AOCS_OrE-point_Start_2_OG [0x098] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | |
| 2021/04/02 | 18:03:16.0 | XRT_FLD_DIS_409_OG [0x199] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | |
| 2021/04/02 | 18:03:18.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | |
| 2021/04/02 | 18:03:20.0 | XRT_ARS_DIS_432_OG [0x1b0] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | |
| 2021/04/02 | 18:05:58.0 | XRT_QT_PROG_SET_407_OG [0x197] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2021/04/02 | 18:06:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 06 | | |
| 2021/04/02 | 18:12:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/04/02 | 18:12:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/04/02 | 18:12:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/04/02 | 18:13:00.0 | AOCS_OrE-point_Start_3_OG [0x099] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | |
| 2021/04/02 | 18:13:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 04 00 00 00 00 | | |
| 2021/04/02 | 18:13:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2021/04/02 | 18:13:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2021/04/02 | 18:13:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2021/04/02 | 18:13:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2021/04/02 | 18:15:56.0 | XRT_QT_PROG_SET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/04/02 | 18:15:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 01 | | |
| 2021/04/02 | 18:16:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | | |
| 2021/04/02 | 18:46:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/04/02 | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |

| | | | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2021/04/02 | 18:46:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/02 | 18:46:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/04/02 | 18:46:06.0 | XRT_PREFLR_STRT_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/04/02 | 18:49:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/04/02 | 19:09:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/04/02 | 19:10:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/04/02 | 20:23:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/02 | 20:23:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/02 | 20:23:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/04/02 | 20:23:06.0 | XRT_PREFLR_STRT_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/04/02 | 20:26:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/04/02 | 20:46:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/04/02 | 20:47:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/04/02 | 22:00:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/02 | 22:00:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/02 | 22:00:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/04/02 | 22:00:06.0 | XRT_PREFLR_STRT_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/04/02 | 22:03:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/04/02 | 22:23:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/04/02 | 22:24:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/04/02 | 22:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/02 | 22:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/02 | 22:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2021/04/02 | 23:00:00.0 | AOCS_OrE-point_Start_4_OG [0x09a] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 03 03 74 01 f3 | | | | |
| 2021/04/02 | 23:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/04/02 | 23:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2021/04/02 | 23:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2021/04/02 | 23:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/04/02 | 23:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/04/02 | 23:02:56.0 | XRT_QT_PROG_SET_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 01 | | | | |
| 2021/04/02 | 23:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | | | | |
| 2021/04/02 | 23:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/04/02 | 23:37:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/02 | 23:37:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/02 | 23:37:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/04/02 | 23:37:36.0 | XRT_PREFLR_STRT_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/04/02 | 23:40:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/04/02 | 23:58:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/04/02 | 23:59:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/04/03 | 01:14:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/03 | 01:14:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/03 | 01:14:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/04/03 | 01:14:36.0 | XRT_PREFLR_STRT_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/04/03 | 01:17:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/04/03 | 01:22:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/04/03 | 01:23:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/04/03 | 01:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/03 | 01:59:56.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2021/04/03 | 02:00:00.0 | AOCS_OrE-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |

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|------------|------------|-----------------------------------|---|-------|----|----|----|----|----|
| 2021/04/03 | 02:00:16.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/04/03 | 02:00:18.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2021/04/03 | 02:00:20.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2021/04/03 | 02:00:22.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/04/03 | 02:00:24.0 | XRT_FLD_RESET_429_OG [0x1ad] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/04/03 | 02:02:56.0 | XRT_QT_PROG_SET_404_OG [0x194] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 07 | | | |
| 2021/04/03 | 02:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | | | |
| 2021/04/03 | 02:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/04/03 | 02:38:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/03 | 02:38:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/03 | 02:38:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/04/03 | 02:38:06.0 | XRT_PREFLR_STRT_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/04/03 | 02:41:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/04/03 | 02:57:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/04/03 | 02:58:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/04/03 | 04:13:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/03 | 04:13:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/03 | 04:13:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/04/03 | 04:13:36.0 | XRT_PREFLR_STRT_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/04/03 | 04:16:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/04/03 | 04:34:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/04/03 | 04:35:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/04/03 | 05:43:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/03 | 05:43:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/03 | 05:43:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/04/03 | 05:43:36.0 | XRT_PREFLR_STRT_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/04/03 | 05:46:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/04/03 | 06:11:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/04/03 | 06:12:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/04/03 | 06:20:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/03 | 06:20:56.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2021/04/03 | 06:21:16.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2021/04/03 | 06:21:18.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2021/04/03 | 06:21:20.0 | XRT_ARS_DIS_432_OG [0x1b0] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/04/03 | 06:23:58.0 | XRT_QT_PROG_SET_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 06 | | | |
| 2021/04/03 | 06:24:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/04/03 | 06:30:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/03 | 06:30:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/03 | 06:30:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2021/04/03 | 06:31:00.0 | AOCS_Ore-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 | 00 | 00 | 00 | 00 |
| 2021/04/03 | 06:31:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/04/03 | 06:31:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2021/04/03 | 06:31:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2021/04/03 | 06:31:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/04/03 | 06:31:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/04/03 | 06:33:56.0 | XRT_QT_PROG_SET_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 01 | | | |
| 2021/04/03 | 06:33:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | | | |
| 2021/04/03 | 06:34:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |

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| 2021/04/03 | 07:24:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/03 | 07:24:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/03 | 07:24:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/04/03 | 07:24:06.0 | XRT_PREFLR_STRT_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/04/03 | 07:27:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/04/03 | 07:49:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/04/03 | 07:50:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/04/03 | 09:04:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/03 | 09:04:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/03 | 09:04:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/04/03 | 09:04:06.0 | XRT_PREFLR_STRT_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/04/03 | 09:07:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/04/03 | 09:25:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/04/03 | 09:26:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/04/03 | 10:40:00.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/04/03 | 11:18:00.0 | AOCS_Or-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |