

XRT Timeline to be uploaded on 2023/04/20

Period: 2023/04/20 10:21:00 - 2023/04/25 11:04:00

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Normal mode

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| XOB #1CF4: HOP464 - High cadence (20s Al-Poly only) 384x384 at 1064 1048 | | | | | | | | | | | | |
|--|---|-----------------------------|--|--|--|--|--|---------|--|--|--|--|
| Term | Pointing (x, y) | | | | | | | Comment | | | | |
| 04/20 10:37:00 - 04/20 11:55:00 | Track (-137.5, -321.7) ^{Ⓜ 04/20 10:31:00} | # OP start + 10min, HOP 464 | | | | | | | | | | |
| PROG= 11 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) 20.0sec | | | | | | | | | | | | |
| └─ Seqn= 78 1-time(s) 8.0sec | | | | | | | | | | | | |
| └─ Al-poly/Open Al-poly/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec | | | | | | | | | | | | |
| <div style="display: flex; justify-content: space-between; font-size: small;"> Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval </div> | | | | | | | | | | | | |

| XOB #1CD7: AR - Standard Core - (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Al/poly context, with | | | | | | | | | | | | |
|--|---|------------------------|--|--|--|--|--|---------|--|--|--|--|
| Term | Pointing (x, y) | | | | | | | Comment | | | | |
| 04/20 12:15:30 - 04/20 17:59:54 | Track (311.5, 228.9) ^{Ⓜ 04/20 12:00:00} | # AR 13282 | | | | | | | | | | |
| 04/20 18:13:00 - 04/21 03:59:54 | Track (363.1, 226.6) ^{Ⓜ 04/20 18:10:00} | # AR cont | | | | | | | | | | |
| 04/21 06:29:30 - 04/21 08:51:30 | Track (461.4, 221.3) ^{Ⓜ 04/21 06:26:30} | # AR cont | | | | | | | | | | |
| 04/21 21:59:00 - 04/21 23:58:00 | Track (575.6, 213.2) ^{Ⓜ 04/21 21:56:00} | End of HOP412, AR cont | | | | | | | | | | |
| 04/22 05:53:00 - 04/22 10:50:00 | Track (628.8, 208.6) ^{Ⓜ 04/22 05:50:00} | # AR cont. | | | | | | | | | | |
| PROG= 19 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 5-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 47 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Al-poly/Open thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 2 0 2.0sec | | | | | | | | | | | | |
| └─ Al-poly/Open thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 3 0 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 | | | | | | | | | | | | |
| └─ Seqn= 96 4-time(s) 180.0sec | | | | | | | | | | | | |
| └─ Al-poly/Open thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 1 0 2.0sec | | | | | | | | | | | | |
| └─ thin-Be/Open med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 1 0 2.0sec | | | | | | | | | | | | |
| └─ Al-poly/Open thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 1 1 2.0sec | | | | | | | | | | | | |
| └─ thin-Be/Open med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 1 1 2.0sec | | | | | | | | | | | | |
| └─ Al-poly/Open thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 1 2 2.0sec | | | | | | | | | | | | |
| └─ thin-Be/Open med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 1 2 2.0sec | | | | | | | | | | | | |
| <div style="display: flex; justify-content: space-between; font-size: small;"> Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval </div> | | | | | | | | | | | | |

| XOB #1CF6: Synoptic for HOP448 w/ Al-mesh(12/181/1024), Al-poly(12/181/1443), Thin-Be(64/512/4096), Thick-Be(65536), Med-Al(512/8192/32768), Med-Be(| | | | | | | | | | | | |
|---|-------------------|---------------|--|--|--|--|--|---------|--|--|--|--|
| Term | Pointing (x, y) | | | | | | | Comment | | | | |
| 04/20 18:03:00 - 04/20 18:09:54 | Fixed (0.0, 0.0) | synoptic | | | | | | | | | | |
| 04/21 06:19:30 - 04/21 06:26:24 | Fixed (0.0, 0.0) | HOP 349 & 448 | | | | | | | | | | |
| 04/21 18:48:00 - 04/21 19:03:00 | Fixed (0.0, 0.0) | synoptic | | | | | | | | | | |
| 04/22 05:43:00 - 04/22 05:49:54 | Fixed (0.0, 0.0) | HOP 349 & 448 | | | | | | | | | | |
| PROG= 02 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= 25 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Open/Al-mesh Open/Al-mesh close Safe Norm 12ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | | | | | | | | | | | |
| └─ Open/Al-mesh Open/Al-mesh close Safe Norm 177ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | | | | | | | | | | | |
| └─ Open/Al-mesh Open/Al-mesh close Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 15 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Al-poly/Open Al-poly/Open close Safe Norm 12ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 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/thick-Al close Safe Norm 1.41s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 57 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 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 23 1-time(s) 4.0sec | | | | | | | | | | | | |
| └─ 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 | | | | | | | | | | | | |
| └─ Subr= 2 1-time(s) 2.0sec | | | | | | | | | | | | |

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|---------------------------------|----------------|-------|------|-------|-------|-----|-----|------------------------|-------|------------|----------|--------|
| 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 #1CDE: HOP393/336 - 4x4 - Full Sun double long/short pair AEC 2/3 - Al-poly - Dark (512ms) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 7

| Term | Pointing (x, y) | Comment |
|------------------------------------|----------------------|--|
| 04/22 00:22:00 - 04/22 03:00:00 | Fixed (-21.0, 46.0) | HOP 393 |
| PROG= 07 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 |
| Seqn= 52 1-time(s) 2.0sec | | |
| Al-poly/Open | Al-poly/Open close | Safe Dark 500ms Obs 4x4 2048x2048 (1024, 1024) DPCM 0 0 2.0sec |
| Subr= 2 30-time(s) 720.0sec | | |
| Seqn= 97 2-time(s) 2.0sec | | |
| Al-poly/Open | med-Be/Open close | Safe Norm 125ms Obs 4x4 2048x2048 (1024, 1024) Q=98 3 0 2.0sec |
| Al-poly/Open | med-Be/Open close | Safe Norm 500ms 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 |

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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 |
|---------------------------------|---|-----------------------------|
| 04/20 10:37:00 - 04/20 11:55:00 | Track (-137.5, -321.7) ^{@ 04/20 10:31:00} | # OP start + 10min, HOP 464 |
| 04/20 12:15:30 - 04/20 17:59:54 | Track (311.5, 228.9) ^{@ 04/20 12:00:00} | # AR 13282 |
| 04/20 18:13:00 - 04/21 03:59:54 | Track (363.1, 226.6) ^{@ 04/20 18:10:00} | # AR cont |
| 04/21 04:39:00 - 04/21 05:31:00 | Fixed (0.0, 0.0) | HOP 349 & 448 |
| 04/21 06:29:30 - 04/21 08:51:30 | Track (461.4, 221.3) ^{@ 04/21 06:26:30} | # AR cont |
| 04/21 09:37:00 - 04/21 09:56:54 | Fixed (-21.0, -984.0) | HOP412 01/20 |
| 04/21 10:00:00 - 04/21 10:51:30 | Fixed (-21.0, -884.0) | HOP412 02/20 |
| 04/21 11:15:30 - 04/21 11:35:24 | Fixed (-21.0, -784.0) | HOP412 03/20 |
| 04/21 11:38:30 - 04/21 11:58:24 | Fixed (-21.0, -684.0) | HOP412 04/20 |
| 04/21 12:01:30 - 04/21 12:29:30 | Fixed (-21.0, -584.0) | HOP412 05/20 |
| 04/21 12:53:30 - 04/21 13:13:24 | Fixed (-21.0, -484.0) | HOP412 06/20 |
| 04/21 13:16:30 - 04/21 13:36:24 | Fixed (-21.0, -384.0) | HOP412 07/20 |
| 04/21 13:39:30 - 04/21 14:08:00 | Fixed (-21.0, -284.0) | HOP412 08/20 |
| 04/21 14:32:00 - 04/21 14:51:54 | Fixed (-21.0, -184.0) | HOP412 09/20 |
| 04/21 14:55:00 - 04/21 15:14:54 | Fixed (-21.0, -84.0) | HOP412 10/20 |
| 04/21 15:18:00 - 04/21 15:46:30 | Fixed (-21.0, 6.0) | HOP412 11/20 |
| 04/21 16:13:00 - 04/21 16:32:54 | Fixed (-21.0, 106.0) | HOP412 12/20 |
| 04/21 16:36:00 - 04/21 16:55:54 | Fixed (-21.0, 206.0) | HOP412 13/20 |
| 04/21 16:59:00 - 04/21 17:24:30 | Fixed (-21.0, 306.0) | HOP412 14/20 |
| 04/21 17:59:30 - 04/21 18:19:24 | Fixed (-21.0, 406.0) | HOP412 15/20 |
| 04/21 18:22:30 - 04/21 18:44:54 | Fixed (-21.0, 506.0) | HOP412 16/20 |
| 04/21 19:36:00 - 04/21 19:55:54 | Fixed (-21.0, 606.0) | HOP412 17/20 |
| 04/21 19:59:00 - 04/21 20:41:00 | Fixed (-21.0, 706.0) | HOP412 18/20 |
| 04/21 21:13:00 - 04/21 21:32:54 | Fixed (-21.0, 806.0) | HOP412 19/20 |
| 04/21 21:36:00 - 04/21 21:55:54 | Fixed (-21.0, 906.0) | HOP412 20/20 |
| 04/21 21:59:00 - 04/21 23:58:00 | Track (575.6, 213.2) ^{@ 04/21 21:56:00} | End of HOP412, AR cont |
| 04/22 00:22:00 - 04/22 03:00:00 | Fixed (-21.0, 46.0) | HOP 393 |
| 04/22 03:36:00 - 04/22 05:39:54 | Fixed (0.0, 0.0) | HOP 349 & 448 |
| 04/22 05:53:00 - 04/22 10:50:00 | Track (628.8, 208.6) ^{@ 04/22 05:50:00} | # AR cont. |

| Term | Pointing (x, y) | Comment |
|-----------------------------------|------------------------|--|
| 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

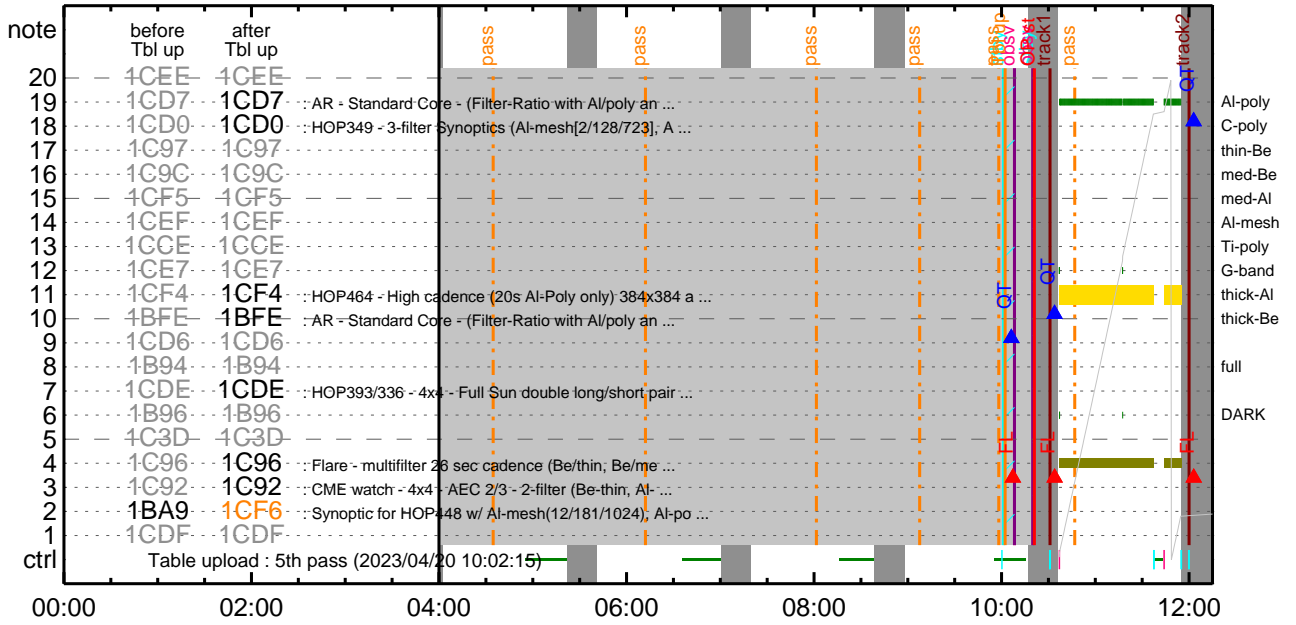
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Flare Detection

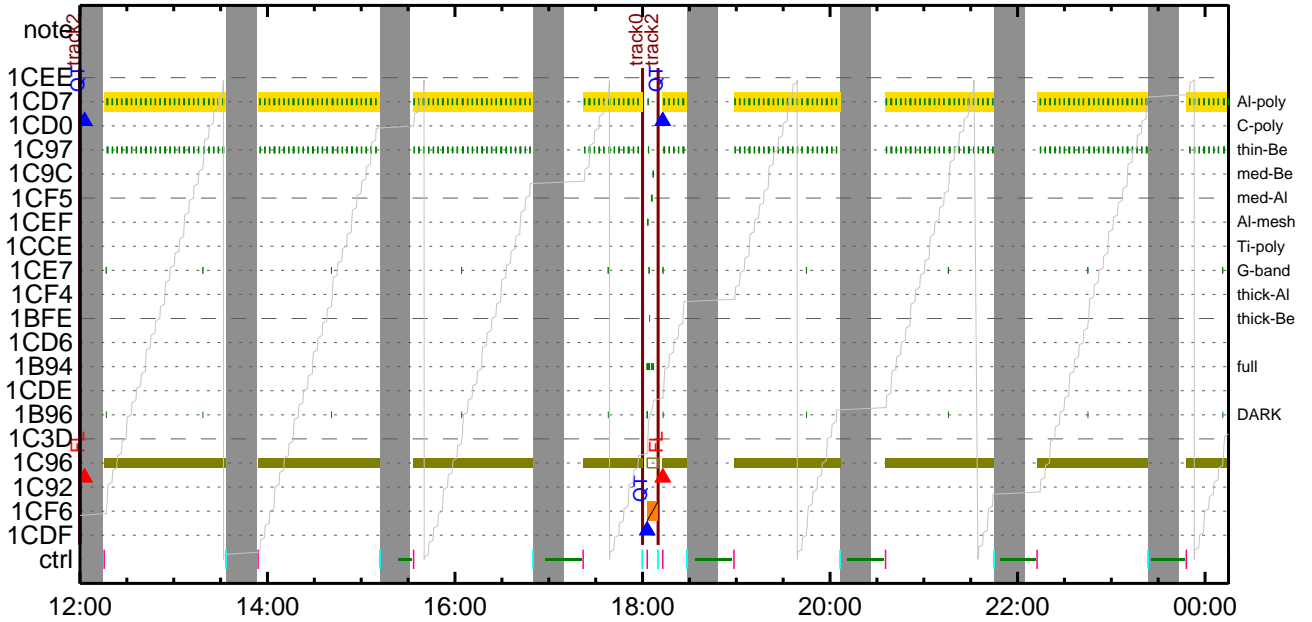
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| FLD Patrol | | | | | | | | | | | |
|---------------------------------|----------------|-----------------------|------|------------------|------|------------|-----|--------------------|-------|------------|----------|
| Term | | Pointing (x, y) | | | | | | Comment | | | |
| 04/20 10:03:15 - 04/20 18:00:18 | | cannot be identified | | | | | | | | | |
| 04/20 18:10:18 - 04/21 06:16:48 | | Track (363.1, 226.6) | | @ 04/20 18:10:00 | | # AR cont | | | | | |
| 04/21 06:26:48 - 04/21 18:45:18 | | Track (461.4, 221.3) | | @ 04/21 06:26:30 | | # AR cont | | | | | |
| 04/21 19:33:18 - 04/22 05:40:18 | | Fixed (-21.0, 606.0) | | HOP412 17/20 | | | | | | | |
| 04/22 05:50:18 - 04/25 11:04:00 | | Track (628.8, 208.6) | | @ 04/22 05:50:00 | | # AR cont. | | | | | |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 4ms | Obs | 8x8 | Q=50 | 30sec | | |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval |

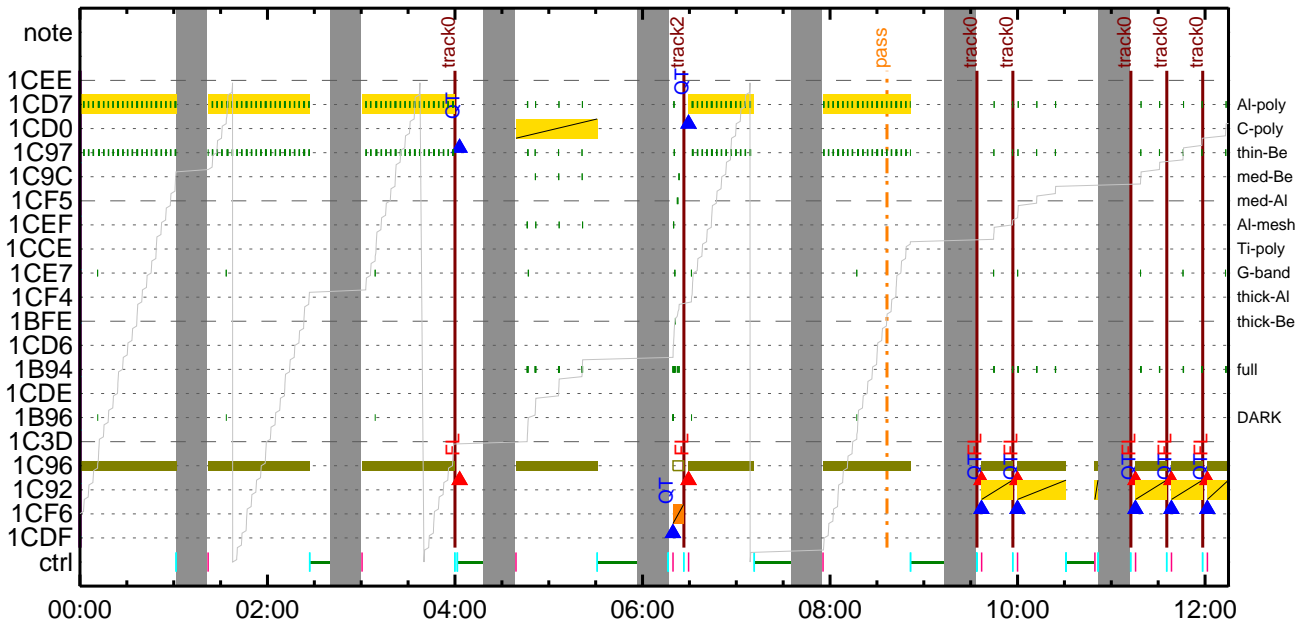
CMDI #0019 2023/04/20



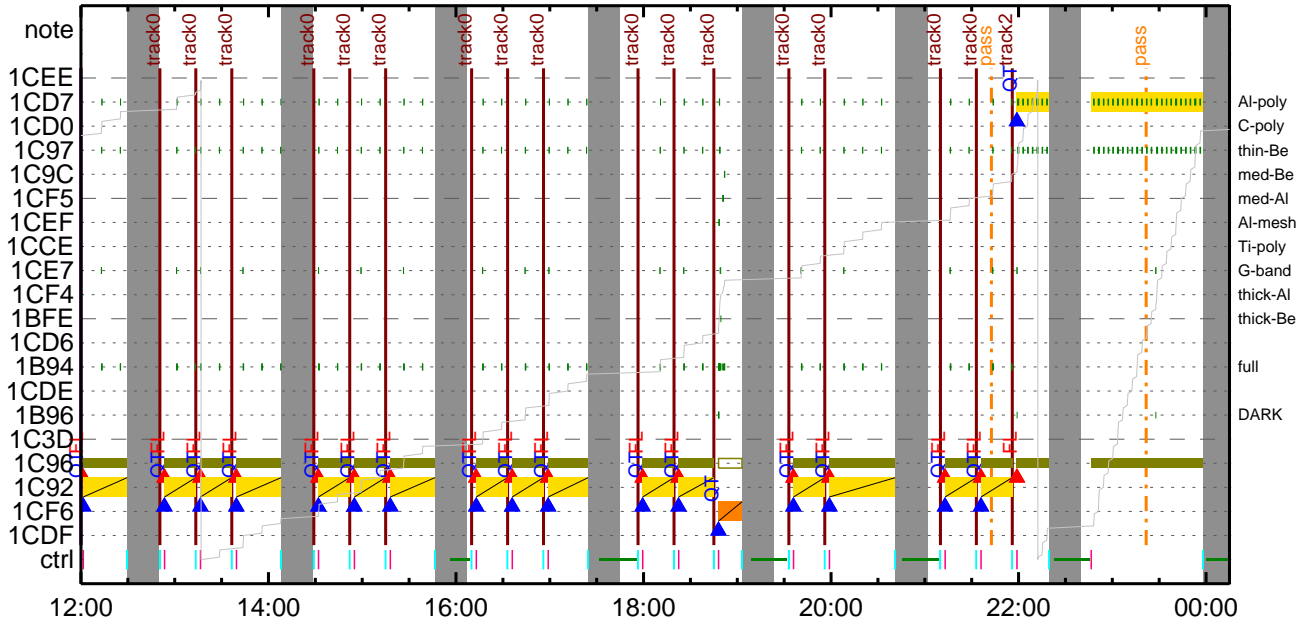
CMDI #0019 2023/04/20



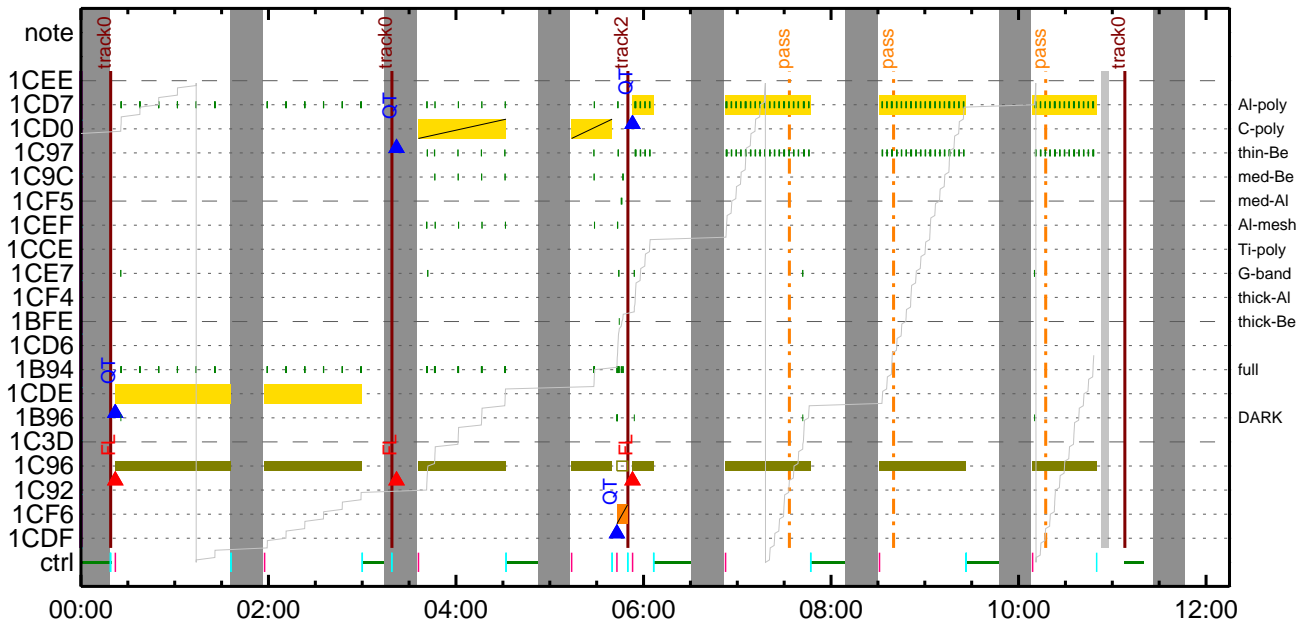
CMDI #0019 2023/04/21



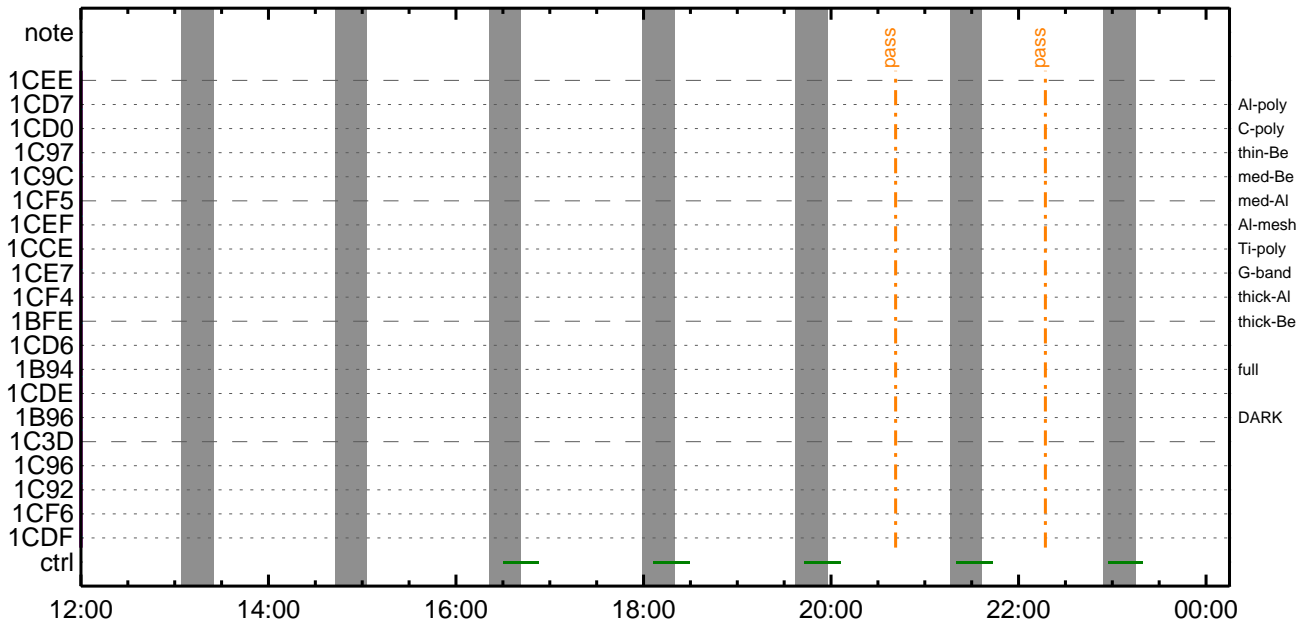
CMDI #0019 2023/04/21



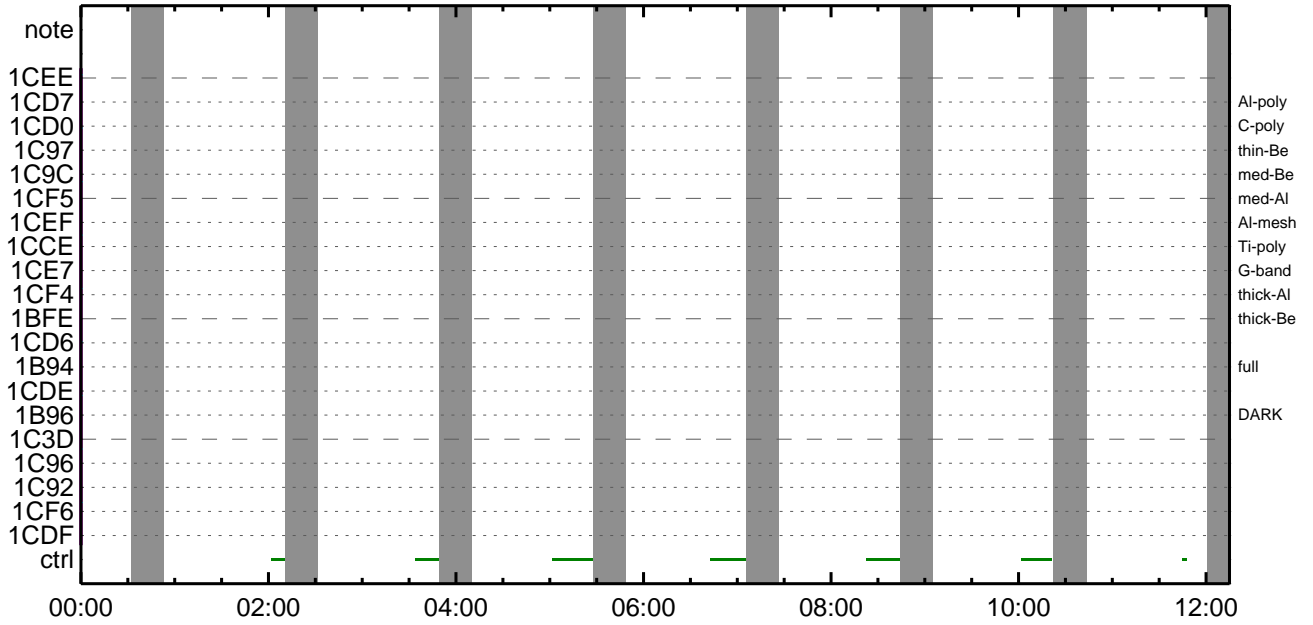
CMDI #0019 2023/04/22



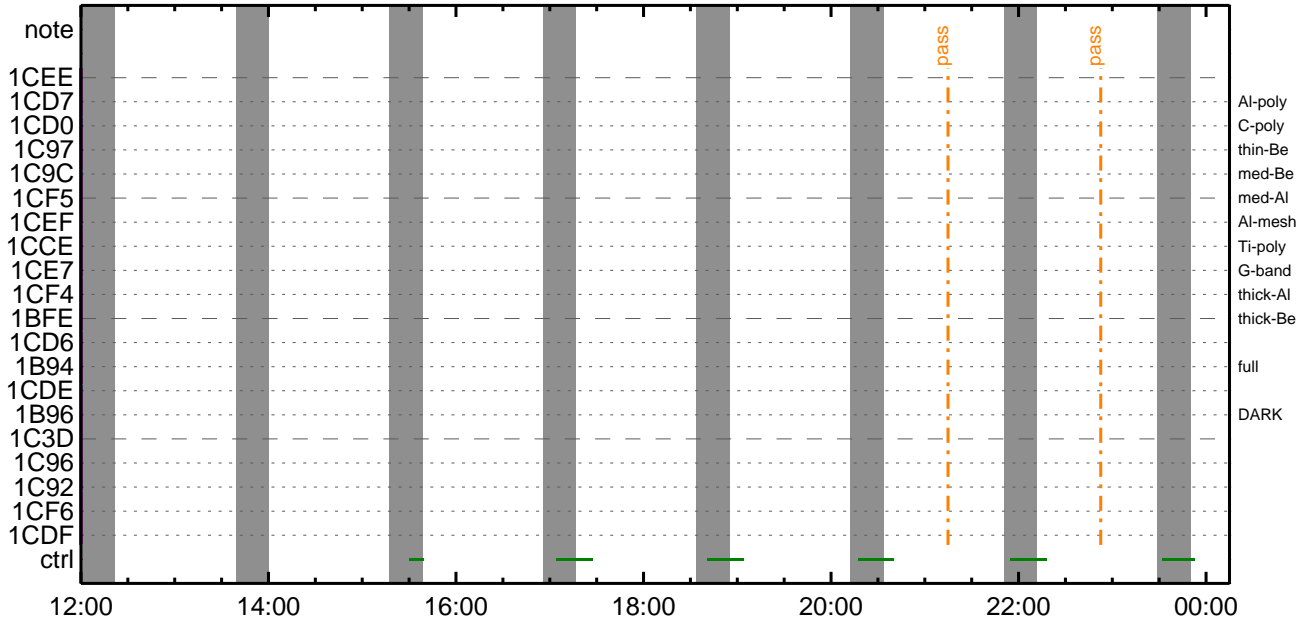
CMDI #0019 2023/04/22



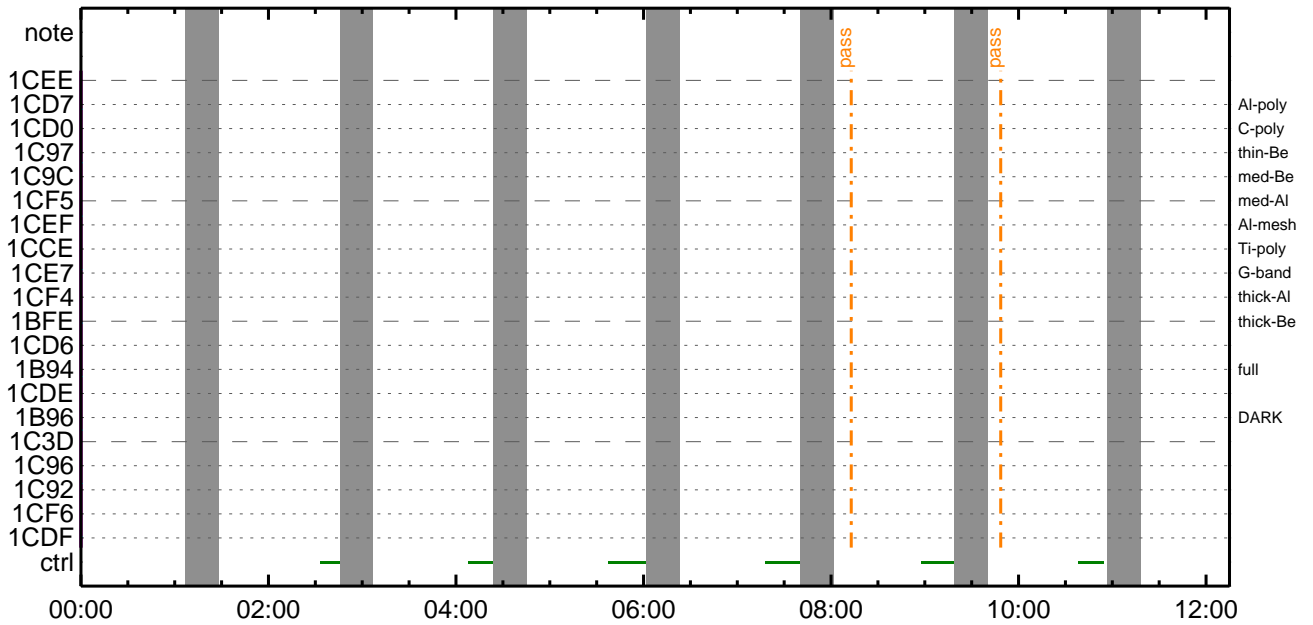
CMDI #0019 2023/04/23



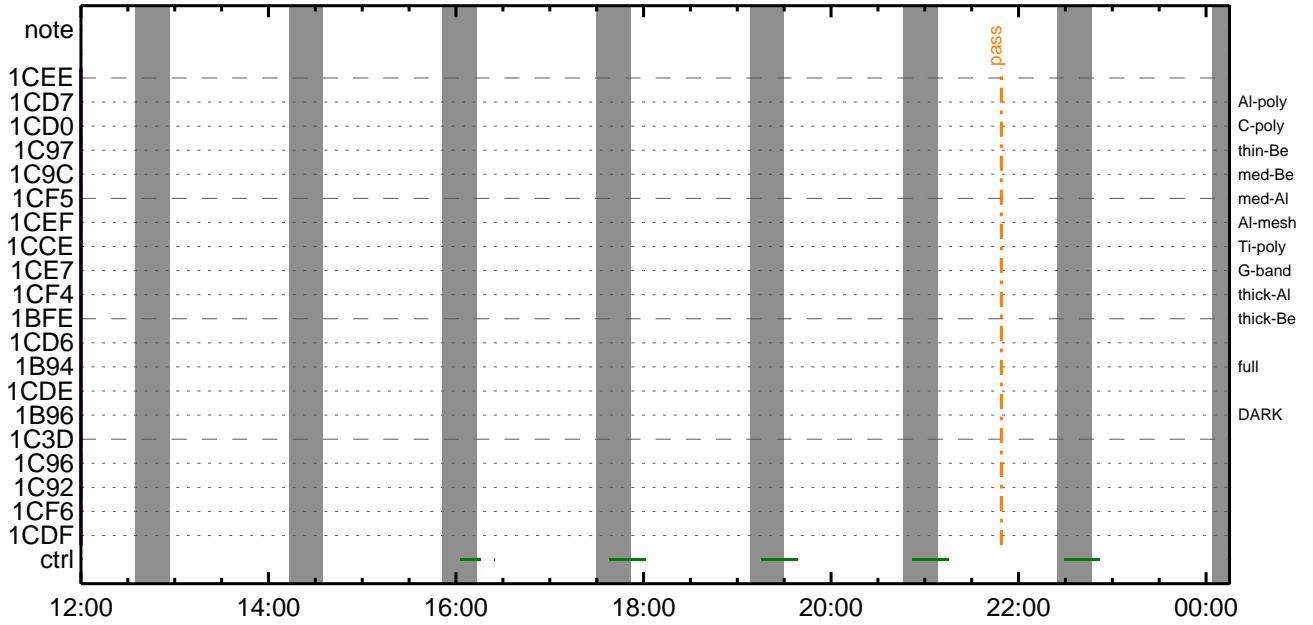
CMDI #0019 2023/04/23



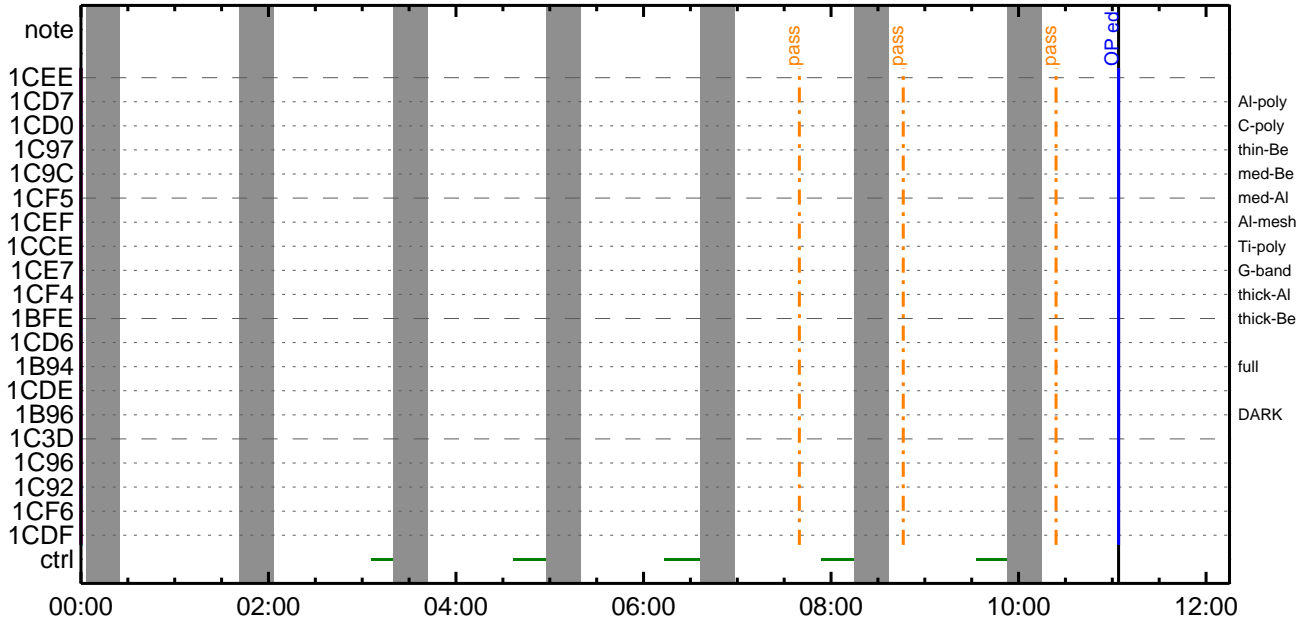
CMDI #0019 2023/04/24



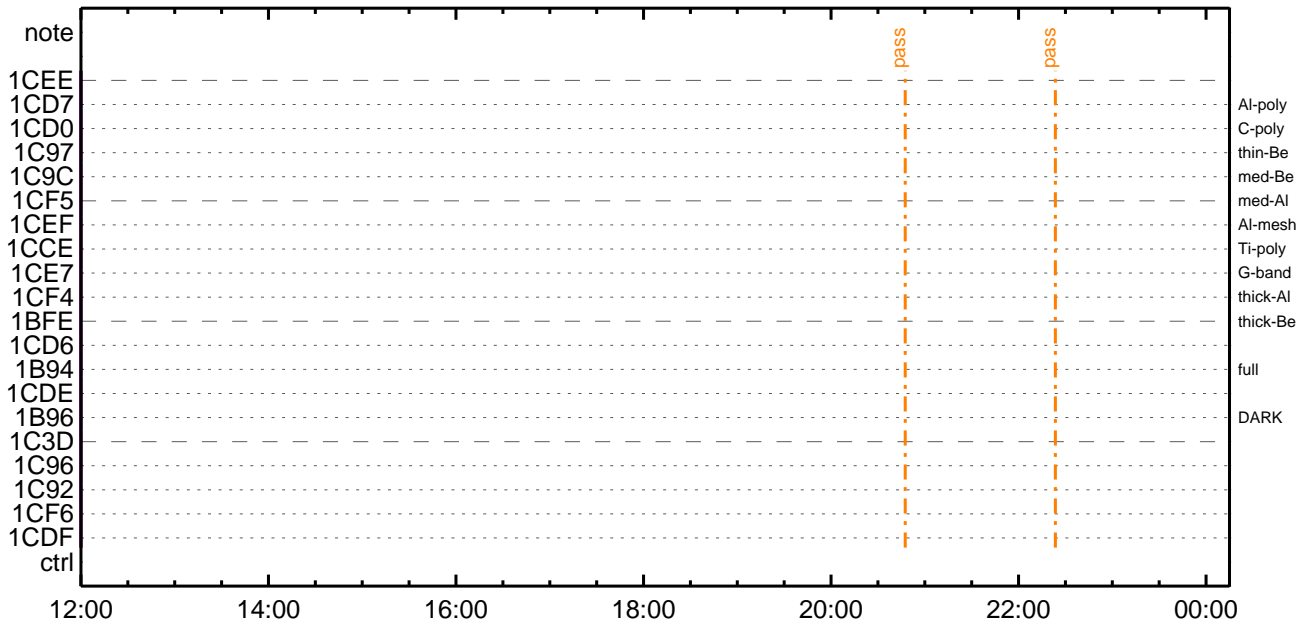
CMDI #0019 2023/04/24



CMDI #0019 2023/04/25



CMDI #0019 2023/04/25




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0096 C.                0p0z;çSET0EDUMP0İÆ±°iYÑY¹0Ç¹00|0³0E;f
0097 C.
0098 . C. TIY³YF¥ÖYÉ00dÄDİ¿(UT)
0099 +. TI 2023-04-20 10:16:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.                çç[HK1_TI_CMD_NUM]                EQ        1COUNTUP
0102 C.
0103 +. TI 2023-04-20 10:16:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.                çç[HK1_TI_CMD_NUM]                EQ        1COUNTUP
0106 C.
0107 +. TI 2023-04-20 10:16:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.                çç[HK1_TI_CMD_NUM]                EQ        1COUNTUP
0110 C.
0111 +. TI 2023-04-20 10:20:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.                çç[HK1_TI_CMD_NUM]                EQ        1COUNTUP
0114 C.
0115 C. °E²¼0İÄè%îíÑ0İYÁY§YÄY-¹àİÜ
0116 C.                çç[HK1_TI_CMD_ENA/DIS]                EQ        ENA
0117 C.                çç[HK1_TI_CMD_NUM]                EQ        4
0118 C.                çç[HK1_NEXT_EXEC_PIM]                EQ        DHU
0119 C.                çç[HK1_NEXT_EXEC_DC]                EQ        0xB3
0120 C.
0121 . C. *****
0122 C. TIİİ°èYÄYÖY×
0123 C. *****
0124 C.
0125 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0126 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0127 BC (03 ab 03 01 02)
0128 C.                çç[HK1_DMP_TOP_ADRS_1]                EQ        07
0129 C.                çç[HK1_DMP_TOP_ADRS_0]                EQ        2B
0130 C.                çç[HK1_DMP_BLOCK_NUM]                EQ        3
0131 C.                çç[HK1_DMP_REPEAT_NUM]                EQ        0
0132 C.                çç[HK1_DMA_DMP_PIM]                EQ        DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC (07 0b f8)
0135 C.                çç[HK1_PKT_FORM_NO]                EQ        7
0136 C.                çç[HK1_PKT_GEN_TIME]                EQ        0.25 s
0137 C.                çç[HK1_S_TLM_BIT_RATE]                EQ        32k
0138 C.                çç[HK1_X_TLM_BIT_RATE]                EQ        4M
0139 C.                çç[HK1_DMP_CHK_FLG]                EQ        EXEC
0140 C.
0141 . C. YÄYÖY×½ªİ»0d³İÇ§
0142 C.                çç[HK1_DMP_CHK_FLG]                EQ        NON
0143 C.
0144 . C. RAM ID=TI_TBL0İ%È¹Ç•è²İOK0d³İÇ§
0145 C.
0146 . C. DHUYâ;¼YÉ;È¼Y½,¥i;¼YÈ;È0dİá0¹
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC (02 0a f8)
0149 C.                çç[HK1_PKT_FORM_NO]                EQ        2
0150 C.                çç[HK1_PKT_GEN_TIME]                EQ        0.5S
0151 C.                çç[HK1_S_TLM_BIT_RATE]                EQ        32K
0152 C.                çç[HK1_X_TLM_BIT_RATE]                EQ        4M
0153 C.
0154 C.
0155 C. ***** XRT START *****
0156 C. Execute, after the success of OP upload.
0157 +. TI 2023-04-20 10:20:00.0
0158 DC 07-F0 MDP_XRT_MODE_STBY
0159 BC (c3)
0160 . C.                [ ] [HK1_TI_CMD_NUM]                EQ        1COUNTUP
0161 C.
0162 C. ***** XRT END *****
0163 . C. Stop EIS observation and temporarily disable EIS mode changes
0164 C.
0165 C.
0166 C. ***** Start EIS operation (TI set) *****
0167 C. Execute, after the success of OP upload.
0168 C. Set EIS TI-commands
0169 +. TI 2023-04-20 10:20:30.0
0170 DC 07-FC EIS_MODE_MANU
0171 BC (21 02)
0172 +. TI 2023-04-20 10:20:40.0
0173 DC 07-FC EIS_MODE_CHG_DIS
0174 BC (22)
0175 . C.                [ ] [HK1_TI_CMD_NUM]                EQ        2 COUNTUP
0176 C. ***** End EIS operation (TI set) *****
0177 C.
0178 C.
0179 C.
0180 . C. ***** MDP ´úÄî0İ»ö¼Y0ÈÄ00¹0èDCBC•x²è *****
0181 C. (%â°İYÖYÄYÉYF¥YÄYÇYè0È%¼00¼Ä»Ü0¹0è)
0182 . S. DC-BC dcbc-402:DCBC
0183 (MDP_known_event)
0184 C.
0185 C.
0186 . C. ***** YD¥¹•İ Daily±¿İÑ0È'00¹0èDCBC•x²è *****
0187 . S. DC-BC dcbc-153:DCBC
0188 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0189 C.
0190 C.
0191 . C. ;ãLOS¥ÁY§YÄY-¼Ä»Ü;ä
0192 C.
0193 . C. ***** LOS *****
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0096 C.
0097 . C. ***** LOS *****
0098 C.

*** OP Sequence for XRT ***

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2023/04/20 10:30:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2023/04/20 10:30:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2023/04/20 10:30:58.0 XRT_FOCUS_POSITION_410_OG [0x19a]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2023/04/20 10:31:00.0 AOCs_OrE-point_Start_1_OG [0x097]
                        AOCU_NM 5 02-76 01 03 74 01 db
2023/04/20 10:31:18.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2023/04/20 10:31:20.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2023/04/20 10:31:22.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2023/04/20 10:31:24.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2023/04/20 10:31:26.0 XRT_FLD_RESET_434_OG [0x1b2]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2023/04/20 10:33:56.0 XRT_QT_PROG_SET_407_OG [0x197]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 0b
2023/04/20 10:33:58.0 XRT_FL_PROG_SET_418_OG [0x1a2]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 04
2023/04/20 10:36:00.0 XRT_Custom_430_OG [0x1ae]
2023/04/20 10:37:00.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2023/04/20 11:37:30.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2023/04/20 11:37:32.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2023/04/20 11:37:34.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2023/04/20 11:37:36.0 XRT_PREFLR_STRT_436_OG [0x1b4]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2023/04/20 11:40:44.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2023/04/20 11:43:00.0 XRT_Custom_430_OG [0x1ae]
2023/04/20 11:44:00.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2023/04/20 11:55:00.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2023/04/20 11:55:02.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2023/04/20 11:55:04.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2023/04/20 11:55:06.0 XRT_PREFLR_STRT_436_OG [0x1b4]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2023/04/20 11:58:14.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2023/04/20 11:59:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2023/04/20 11:59:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2023/04/20 11:59:58.0 XRT_FOCUS_POSITION_410_OG [0x19a]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2023/04/20 12:00:00.0 AOCs_OrE-point_Start_2_OG [0x098]
                        AOCU_NM 5 02-76 02 03 74 01 db
2023/04/20 12:00:18.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2023/04/20 12:00:20.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2023/04/20 12:00:22.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2023/04/20 12:00:24.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2023/04/20 12:00:26.0 XRT_FLD_RESET_434_OG [0x1b2]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2023/04/20 12:02:56.0 XRT_QT_PROG_SET_431_OG [0x1af]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 13
2023/04/20 12:02:58.0 XRT_FL_PROG_SET_418_OG [0x1a2]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 04
2023/04/20 12:14:30.0 XRT_Custom_430_OG [0x1ae]
2023/04/20 12:15:30.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2023/04/20 13:33:30.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2023/04/20 13:33:32.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2023/04/20 13:33:34.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2023/04/20 13:33:36.0 XRT_PREFLR_STRT_436_OG [0x1b4]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2023/04/20 13:36:44.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2023/04/20 13:53:00.0 XRT_Custom_430_OG [0x1ae]
2023/04/20 13:54:00.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2023/04/20 15:12:00.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2023/04/20 15:12:02.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2023/04/20 15:12:04.0 XRT_FLD_RESET_415_OG [0x19f]

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|--|
| 2023/04/20 | 21:45:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2023/04/20 | 21:45:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2023/04/20 | 21:48:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2023/04/20 | 22:11:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2023/04/20 | 22:12:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2023/04/20 | 23:23:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2023/04/20 | 23:23:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2023/04/20 | 23:23:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2023/04/20 | 23:23:36.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2023/04/20 | 23:26:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2023/04/20 | 23:47:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2023/04/20 | 23:48:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2023/04/21 | 01:01:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2023/04/21 | 01:01:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2023/04/21 | 01:01:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2023/04/21 | 01:01:36.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2023/04/21 | 01:04:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2023/04/21 | 01:21:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2023/04/21 | 01:22:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2023/04/21 | 02:27:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2023/04/21 | 02:27:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2023/04/21 | 02:27:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2023/04/21 | 02:27:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2023/04/21 | 02:30:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2023/04/21 | 02:59:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2023/04/21 | 03:00:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2023/04/21 | 03:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2023/04/21 | 03:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2023/04/21 | 03:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | |
| 2023/04/21 | 04:00:00.0 | AOCS_OrE-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | |
| 2023/04/21 | 04:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2023/04/21 | 04:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2023/04/21 | 04:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2023/04/21 | 04:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2023/04/21 | 04:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2023/04/21 | 04:01:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2023/04/21 | 04:01:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2023/04/21 | 04:01:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2023/04/21 | 04:01:36.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2023/04/21 | 04:02:56.0 | XRT_QT_PROG_SET_442_OG [0x1ba] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 | | |
| 2023/04/21 | 04:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | | |
| 2023/04/21 | 04:04:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2023/04/21 | 04:38:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2023/04/21 | 04:39:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2023/04/21 | 05:31:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2023/04/21 | 05:31:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2023/04/21 | 05:31:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2023/04/21 | 05:31:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2023/04/21 | 05:34:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|
| 2023/04/21 | 06:16:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 06:16:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 06:16:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2023/04/21 | 06:16:48.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2023/04/21 | 06:16:50.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2023/04/21 | 06:16:52.0 | XRT_ARS_DIS_401_OG [0x191] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2023/04/21 | 06:19:28.0 | XRT_QT_PROG_SET_414_OG [0x19e] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 02 | |
| 2023/04/21 | 06:19:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2023/04/21 | 06:26:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 06:26:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 06:26:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2023/04/21 | 06:26:30.0 | AOCS_Ore-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 02 03 74 01 db | |
| 2023/04/21 | 06:26:48.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2023/04/21 | 06:26:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2023/04/21 | 06:26:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2023/04/21 | 06:26:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2023/04/21 | 06:26:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2023/04/21 | 06:29:26.0 | XRT_QT_PROG_SET_431_OG [0x1af] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 13 | |
| 2023/04/21 | 06:29:28.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | |
| 2023/04/21 | 06:29:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2023/04/21 | 07:11:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 07:11:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 07:11:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2023/04/21 | 07:11:36.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2023/04/21 | 07:14:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2023/04/21 | 07:54:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2023/04/21 | 07:55:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2023/04/21 | 08:51:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 08:51:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 08:51:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2023/04/21 | 08:51:36.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2023/04/21 | 08:54:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2023/04/21 | 09:33:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 09:33:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 09:33:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2023/04/21 | 09:34:00.0 | AOCS_Ore-point_Start_4_OG [0x09a] | AOCU_NM | 5 | 02-76 | 00 57 74 01 db | |
| 2023/04/21 | 09:34:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2023/04/21 | 09:34:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2023/04/21 | 09:34:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2023/04/21 | 09:34:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2023/04/21 | 09:34:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2023/04/21 | 09:36:56.0 | XRT_QT_PROG_SET_444_OG [0x1bc] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | |
| 2023/04/21 | 09:36:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | |
| 2023/04/21 | 09:37:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2023/04/21 | 09:56:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 09:56:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 09:56:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |

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|------------|------------|-----------------------------------|---|-------|----|----|----|----|-------|
| 2023/04/21 | 09:57:00.0 | AOCS_ORe-point_Start_5_OG [0x09b] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 4e | 97 | 01 | db |
| 2023/04/21 | 09:57:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | | | | | d8 |
| 2023/04/21 | 09:57:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | | | | | c8 |
| 2023/04/21 | 09:57:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | | | | | d0 |
| 2023/04/21 | 09:57:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | | | | | d5 |
| 2023/04/21 | 09:57:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | | | | | da |
| 2023/04/21 | 09:59:56.0 | XRT_QT_PROG_SET_444_OG [0x1bc] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | | | | | c4 03 |
| 2023/04/21 | 09:59:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | | | | | c5 04 |
| 2023/04/21 | 10:00:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | | | | c0 |
| 2023/04/21 | 10:31:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |
| 2023/04/21 | 10:31:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |
| 2023/04/21 | 10:31:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | | | | | da |
| 2023/04/21 | 10:31:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | | | | | e8 |
| 2023/04/21 | 10:34:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | | | | | e9 |
| 2023/04/21 | 10:48:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2023/04/21 | 10:49:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | | | | c0 |
| 2023/04/21 | 10:51:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |
| 2023/04/21 | 10:51:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |
| 2023/04/21 | 10:51:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | | | | | da |
| 2023/04/21 | 10:51:36.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | | | | | e8 |
| 2023/04/21 | 10:54:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | | | | | e9 |
| 2023/04/21 | 11:12:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |
| 2023/04/21 | 11:12:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |
| 2023/04/21 | 11:12:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | | 00 |
| 2023/04/21 | 11:12:30.0 | AOCS_ORe-point_Start_6_OG [0x09c] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 45 | b2 | 01 | db |
| 2023/04/21 | 11:12:48.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | | | | | d8 |
| 2023/04/21 | 11:12:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | | | | | c8 |
| 2023/04/21 | 11:12:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | | | | | d0 |
| 2023/04/21 | 11:12:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | | | | | d5 |
| 2023/04/21 | 11:12:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | | | | | da |
| 2023/04/21 | 11:15:26.0 | XRT_QT_PROG_SET_444_OG [0x1bc] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | | | | | c4 03 |
| 2023/04/21 | 11:15:28.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | | | | | c5 04 |
| 2023/04/21 | 11:15:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | | | | c0 |
| 2023/04/21 | 11:35:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |
| 2023/04/21 | 11:35:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |
| 2023/04/21 | 11:35:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | | 00 |
| 2023/04/21 | 11:35:30.0 | AOCS_ORe-point_Start_7_OG [0x09d] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 3c | cc | 01 | db |
| 2023/04/21 | 11:35:48.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | | | | | d8 |
| 2023/04/21 | 11:35:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | | | | | c8 |
| 2023/04/21 | 11:35:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | | | | | d0 |
| 2023/04/21 | 11:35:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | | | | | d5 |
| 2023/04/21 | 11:35:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | | | | | da |
| 2023/04/21 | 11:38:26.0 | XRT_QT_PROG_SET_444_OG [0x1bc] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | | | | | c4 03 |
| 2023/04/21 | 11:38:28.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | | | | | c5 04 |
| 2023/04/21 | 11:38:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | | | | c0 |
| 2023/04/21 | 11:58:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |
| 2023/04/21 | 11:58:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |

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|------------|------------|---|---|-------|----------------|
| 2023/04/21 | 11:58:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2023/04/21 | 11:58:30.0 | AOCS_ORe-point_Start_8_OG [0x09e] AOCU_NM | 5 | 02-76 | 00 33 e7 01 db |
| 2023/04/21 | 11:58:48.0 | XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2023/04/21 | 11:58:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2023/04/21 | 11:58:52.0 | XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2023/04/21 | 11:58:54.0 | XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2023/04/21 | 11:58:56.0 | XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2023/04/21 | 12:01:26.0 | XRT_QT_PROG_SET_444_OG [0x1bc] MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 |
| 2023/04/21 | 12:01:28.0 | XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 |
| 2023/04/21 | 12:01:30.0 | XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2023/04/21 | 12:29:30.0 | XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2023/04/21 | 12:29:32.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2023/04/21 | 12:29:34.0 | XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2023/04/21 | 12:29:36.0 | XRT_PREFLR_STRT_436_OG [0x1b4] MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2023/04/21 | 12:32:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2023/04/21 | 12:50:24.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2023/04/21 | 12:50:26.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2023/04/21 | 12:50:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2023/04/21 | 12:50:30.0 | AOCS_ORe-point_Start_9_OG [0x09f] AOCU_NM | 5 | 02-76 | 00 2b 02 01 db |
| 2023/04/21 | 12:50:48.0 | XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2023/04/21 | 12:50:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2023/04/21 | 12:50:52.0 | XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2023/04/21 | 12:50:54.0 | XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2023/04/21 | 12:50:56.0 | XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2023/04/21 | 12:53:26.0 | XRT_QT_PROG_SET_444_OG [0x1bc] MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 |
| 2023/04/21 | 12:53:28.0 | XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 |
| 2023/04/21 | 12:53:30.0 | XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2023/04/21 | 13:13:24.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2023/04/21 | 13:13:26.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2023/04/21 | 13:13:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2023/04/21 | 13:13:30.0 | AOCS_ORe-point_Start_10_OG [0x0a0] AOCU_NM | 5 | 02-76 | 00 22 24 01 db |
| 2023/04/21 | 13:13:48.0 | XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2023/04/21 | 13:13:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2023/04/21 | 13:13:52.0 | XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2023/04/21 | 13:13:54.0 | XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2023/04/21 | 13:13:56.0 | XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2023/04/21 | 13:16:26.0 | XRT_QT_PROG_SET_444_OG [0x1bc] MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 |
| 2023/04/21 | 13:16:28.0 | XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 |
| 2023/04/21 | 13:16:30.0 | XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2023/04/21 | 13:36:24.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2023/04/21 | 13:36:26.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2023/04/21 | 13:36:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2023/04/21 | 13:36:30.0 | AOCS_ORe-point_Start_11_OG [0x0a1] AOCU_NM | 5 | 02-76 | 00 19 3f 01 db |
| 2023/04/21 | 13:36:48.0 | XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2023/04/21 | 13:36:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2023/04/21 | 13:36:52.0 | XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2023/04/21 | 13:36:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | |

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|------------|------------|------------------------------------|---------------------|---|-------|----|-------------|--|
| 2023/04/21 | 13:36:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2023/04/21 | 13:39:26.0 | XRT_QT_PROG_SET_444_OG [0x1bc] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 03 | |
| 2023/04/21 | 13:39:28.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | |
| 2023/04/21 | 13:39:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2023/04/21 | 14:08:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2023/04/21 | 14:08:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2023/04/21 | 14:08:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2023/04/21 | 14:08:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2023/04/21 | 14:11:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2023/04/21 | 14:28:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2023/04/21 | 14:28:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2023/04/21 | 14:28:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff aa 00 | |
| 2023/04/21 | 14:29:00.0 | AOCS_ORe-point_Start_12_OG [0x0a2] | AOCU_NM | 5 | 02-76 | 00 | 10 5a 01 db | |
| 2023/04/21 | 14:29:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2023/04/21 | 14:29:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2023/04/21 | 14:29:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2023/04/21 | 14:29:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2023/04/21 | 14:29:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2023/04/21 | 14:31:56.0 | XRT_QT_PROG_SET_444_OG [0x1bc] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 03 | |
| 2023/04/21 | 14:31:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | |
| 2023/04/21 | 14:32:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2023/04/21 | 14:51:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2023/04/21 | 14:51:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2023/04/21 | 14:51:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff aa 00 | |
| 2023/04/21 | 14:52:00.0 | AOCS_ORe-point_Start_13_OG [0x0a3] | AOCU_NM | 5 | 02-76 | 00 | 07 74 01 db | |
| 2023/04/21 | 14:52:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2023/04/21 | 14:52:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2023/04/21 | 14:52:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2023/04/21 | 14:52:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2023/04/21 | 14:52:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2023/04/21 | 14:54:56.0 | XRT_QT_PROG_SET_444_OG [0x1bc] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 03 | |
| 2023/04/21 | 14:54:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | |
| 2023/04/21 | 14:55:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2023/04/21 | 15:14:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2023/04/21 | 15:14:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2023/04/21 | 15:14:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff aa 00 | |
| 2023/04/21 | 15:15:00.0 | AOCS_ORe-point_Start_14_OG [0x0a4] | AOCU_NM | 5 | 02-76 | 00 | ff 75 01 db | |
| 2023/04/21 | 15:15:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2023/04/21 | 15:15:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2023/04/21 | 15:15:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2023/04/21 | 15:15:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2023/04/21 | 15:15:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2023/04/21 | 15:17:56.0 | XRT_QT_PROG_SET_444_OG [0x1bc] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 03 | |
| 2023/04/21 | 15:17:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | |
| 2023/04/21 | 15:18:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2023/04/21 | 15:46:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |

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|------------|------------|------------------------------------|---------------------|---|-------|----------------|--|
| 2023/04/21 | 17:56:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 17:56:30.0 | AOCs_OrE-point_Start_18_OG [0x0a8] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2023/04/21 | 17:56:48.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 00 db e8 01 db | |
| 2023/04/21 | 17:56:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2023/04/21 | 17:56:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2023/04/21 | 17:56:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2023/04/21 | 17:56:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2023/04/21 | 17:59:26.0 | XRT_QT_PROG_SET_444_OG [0x1bc] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2023/04/21 | 17:59:28.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | |
| 2023/04/21 | 17:59:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | |
| 2023/04/21 | 18:19:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2023/04/21 | 18:19:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 18:19:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 18:19:30.0 | AOCs_OrE-point_Start_19_OG [0x0a9] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2023/04/21 | 18:19:48.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 00 d3 03 01 db | |
| 2023/04/21 | 18:19:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2023/04/21 | 18:19:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2023/04/21 | 18:19:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2023/04/21 | 18:19:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2023/04/21 | 18:22:26.0 | XRT_QT_PROG_SET_444_OG [0x1bc] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2023/04/21 | 18:22:28.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | |
| 2023/04/21 | 18:22:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | |
| 2023/04/21 | 18:44:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2023/04/21 | 18:44:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 18:44:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 18:45:00.0 | AOCs_OrE-point_Start_3_OG [0x099] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2023/04/21 | 18:45:18.0 | XRT_FLD_DIS_409_OG [0x199] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | |
| 2023/04/21 | 18:45:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2023/04/21 | 18:45:22.0 | XRT_ARS_DIS_401_OG [0x191] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2023/04/21 | 18:47:58.0 | XRT_QT_PROG_SET_414_OG [0x19e] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2023/04/21 | 18:48:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 02 | |
| 2023/04/21 | 19:03:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2023/04/21 | 19:03:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 19:03:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 19:03:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2023/04/21 | 19:06:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2023/04/21 | 19:32:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2023/04/21 | 19:32:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 19:32:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 19:33:00.0 | AOCs_OrE-point_Start_20_OG [0x0aa] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2023/04/21 | 19:33:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 00 ca 25 01 db | |
| 2023/04/21 | 19:33:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2023/04/21 | 19:33:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2023/04/21 | 19:33:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2023/04/21 | 19:33:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2023/04/21 | 19:35:56.0 | XRT_QT_PROG_SET_444_OG [0x1bc] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2023/04/21 | | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | |

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|------------|------------|------------------------------------|---------------------|---|-------|-------------|----|
| 2023/04/21 | 19:35:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 |
| 2023/04/21 | 19:36:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2023/04/21 | 19:55:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 19:55:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 19:55:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa | 00 |
| 2023/04/21 | 19:56:00.0 | AOCS_ORe-point_Start_21_OG [0x0ab] | AOCU_NM | 5 | 02-76 | 00 c1 40 01 | db |
| 2023/04/21 | 19:56:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2023/04/21 | 19:56:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2023/04/21 | 19:56:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2023/04/21 | 19:56:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2023/04/21 | 19:56:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2023/04/21 | 19:58:56.0 | XRT_QT_PROG_SET_444_OG [0x1bc] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 03 |
| 2023/04/21 | 19:58:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 |
| 2023/04/21 | 19:59:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2023/04/21 | 20:41:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 20:41:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 20:41:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2023/04/21 | 20:41:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2023/04/21 | 20:44:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2023/04/21 | 21:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 21:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 21:09:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa | 00 |
| 2023/04/21 | 21:10:00.0 | AOCS_ORe-point_Start_22_OG [0x0ac] | AOCU_NM | 5 | 02-76 | 00 b8 5b 01 | db |
| 2023/04/21 | 21:10:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2023/04/21 | 21:10:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2023/04/21 | 21:10:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2023/04/21 | 21:10:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2023/04/21 | 21:10:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2023/04/21 | 21:12:56.0 | XRT_QT_PROG_SET_444_OG [0x1bc] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 03 |
| 2023/04/21 | 21:12:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 |
| 2023/04/21 | 21:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2023/04/21 | 21:32:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 21:32:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 21:32:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa | 00 |
| 2023/04/21 | 21:33:00.0 | AOCS_ORe-point_Start_23_OG [0x0ad] | AOCU_NM | 5 | 02-76 | 00 af 75 01 | db |
| 2023/04/21 | 21:33:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2023/04/21 | 21:33:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2023/04/21 | 21:33:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2023/04/21 | 21:33:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2023/04/21 | 21:33:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2023/04/21 | 21:35:56.0 | XRT_QT_PROG_SET_444_OG [0x1bc] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 03 |
| 2023/04/21 | 21:35:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 |
| 2023/04/21 | 21:36:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2023/04/21 | 21:55:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 21:55:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2023/04/21 | 21:55:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 | 00 |
| 2023/04/21 | 21:56:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | |

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|------------|------------|------------------------------------|---------------------|---|-------|----|----|----|----|----------------|
| 2023/04/21 | 21:56:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 02 | 03 | 74 | 01 | db |
| | | | MDP_XRT_FLD_ENA | 1 | 07-F0 | | | | | d8 |
| 2023/04/21 | 21:56:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | 1 | 07-F0 | | | | | c8 |
| | | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | | | | | c8 |
| 2023/04/21 | 21:56:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | 1 | 07-F0 | | | | | d0 |
| | | | MDP_XRT_AEC_RESET | 1 | 07-F0 | | | | | d0 |
| 2023/04/21 | 21:56:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | 1 | 07-F0 | | | | | d5 |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | | | | | d5 |
| 2023/04/21 | 21:56:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | 1 | 07-F0 | | | | | da |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | | | | | da |
| 2023/04/21 | 21:58:56.0 | XRT_QT_PROG_SET_431_OG [0x1af] | | 2 | 07-F0 | | | | | 13 |
| | | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | | | | | 13 |
| 2023/04/21 | 21:58:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | 2 | 07-F0 | | | | | 04 |
| | | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | | | | | 04 |
| 2023/04/21 | 21:59:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | 1 | 07-F0 | | | | | c0 |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | | | | c0 |
| 2023/04/21 | 22:19:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | | | | | c1 |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |
| 2023/04/21 | 22:19:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | | | | | c1 |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |
| 2023/04/21 | 22:19:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | | | | | da |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | | | | | da |
| 2023/04/21 | 22:19:36.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | | 1 | 07-F0 | | | | | e8 |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | | | | | e8 |
| 2023/04/21 | 22:22:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | 1 | 07-F0 | | | | | e9 |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | | | | | e9 |
| 2023/04/21 | 22:45:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2023/04/21 | 22:46:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | 1 | 07-F0 | | | | | c0 |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | | | | c0 |
| 2023/04/21 | 23:58:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | | | | | c1 |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |
| 2023/04/21 | 23:58:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | | | | | c1 |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |
| 2023/04/21 | 23:58:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | | | | | da |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | | | | | da |
| 2023/04/21 | 23:58:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | | 1 | 07-F0 | | | | | e8 |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | | | | | e8 |
| 2023/04/22 | 00:01:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | 1 | 07-F0 | | | | | e9 |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | | | | | e9 |
| 2023/04/22 | 00:18:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | | | | | c1 |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |
| 2023/04/22 | 00:18:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | | | | | c1 |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |
| 2023/04/22 | 00:18:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | 4 | 07-F8 | | | | | 22 fe 97 00 |
| | | | XRT_FOCUS_POSITION | 4 | 07-F8 | | | | | 22 fe 97 00 |
| 2023/04/22 | 00:19:00.0 | AOCs_OrE-point_Start_24_OG [0x0ae] | | 5 | 02-76 | | | | | 00 fb e8 01 db |
| | | | AOCU_NM | 5 | 02-76 | | | | | 00 fb e8 01 db |
| 2023/04/22 | 00:19:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | 1 | 07-F0 | | | | | d8 |
| | | | MDP_XRT_FLD_ENA | 1 | 07-F0 | | | | | d8 |
| 2023/04/22 | 00:19:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | 1 | 07-F0 | | | | | c8 |
| | | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | | | | | c8 |
| 2023/04/22 | 00:19:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | 1 | 07-F0 | | | | | d0 |
| | | | MDP_XRT_AEC_RESET | 1 | 07-F0 | | | | | d0 |
| 2023/04/22 | 00:19:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | 1 | 07-F0 | | | | | d5 |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | | | | | d5 |
| 2023/04/22 | 00:19:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | 1 | 07-F0 | | | | | da |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | | | | | da |
| 2023/04/22 | 00:21:56.0 | XRT_QT_PROG_SET_438_OG [0x1b6] | | 2 | 07-F0 | | | | | 07 |
| | | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | | | | | 07 |
| 2023/04/22 | 00:21:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | 2 | 07-F0 | | | | | 04 |
| | | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | | | | | 04 |
| 2023/04/22 | 00:22:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | 1 | 07-F0 | | | | | c0 |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | | | | c0 |
| 2023/04/22 | 01:36:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | | | | | c1 |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |
| 2023/04/22 | 01:36:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | | | | | c1 |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |
| 2023/04/22 | 01:36:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | | | | | da |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | | | | | da |
| 2023/04/22 | 01:36:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | | 1 | 07-F0 | | | | | e8 |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | | | | | e8 |
| 2023/04/22 | 01:39:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | 1 | 07-F0 | | | | | e9 |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | | | | | e9 |
| 2023/04/22 | 01:56:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2023/04/22 | 01:57:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | 1 | 07-F0 | | | | | c0 |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | | | | c0 |
| 2023/04/22 | 03:00:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | | | | | c1 |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |
| 2023/04/22 | 03:00:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | | | | | c1 |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |
| 2023/04/22 | 03:00:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | | | | | da |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | | | | | da |
| 2023/04/22 | 03:00:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | | 1 | 07-F0 | | | | | e8 |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | | | | | e8 |
| 2023/04/22 | 03:03:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | 1 | 07-F0 | | | | | e9 |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | | | | | e9 |
| 2023/04/22 | 03:18:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | | | | | c1 |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |
| 2023/04/22 | 03:18:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | | | | | c1 |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | | c1 |
| 2023/04/22 | 03:18:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | 4 | 07-F8 | | | | | 22 ff aa 00 |
| | | | XRT_FOCUS_POSITION | 4 | 07-F8 | | | | | 22 ff aa 00 |

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| 2023/04/22 | 07:50:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2023/04/22 | 08:30:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2023/04/22 | 08:31:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2023/04/22 | 09:26:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2023/04/22 | 09:26:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2023/04/22 | 09:26:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2023/04/22 | 09:26:36.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2023/04/22 | 09:29:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2023/04/22 | 10:08:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2023/04/22 | 10:09:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2023/04/22 | 10:50:00.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2023/04/22 | 11:08:00.0 | AOCS_ORe-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |