

XRT Timeline to be uploaded on 2021/06/29

Period: 2021/06/29 12:36:00 - 2021/07/08 11:27:00

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Normal mode

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XOB #1BBA: 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 |
|---------------------------------|---|----------------------------|
| 06/29 12:49:00 - 06/29 17:59:54 | Track (-308.5, -390.7) ^{Ⓜ 06/29 12:46:00} | # OP start + 10min AR12835 |
| 06/29 18:13:00 - 06/30 01:59:54 | Track (-266.1, -391.8) ^{Ⓜ 06/29 18:10:00} | # AR12835 |
| 06/30 06:45:00 - 06/30 16:41:24 | Track (-165.1, -393.9) ^{Ⓜ 06/30 06:42:00} | # AR12835 |
| 06/30 23:03:00 - 07/01 01:36:30 | Track (-30.5, -395.8) ^{Ⓜ 06/30 23:00:00} | AR12835 |
| 07/01 10:19:30 - 07/01 16:09:54 | Track (61.0, -396.5) ^{Ⓜ 07/01 10:00:00} | AR12835 |
| 07/01 23:29:30 - 07/02 01:59:54 | Track (168.2, -396.6) ^{Ⓜ 07/01 23:00:00} | AR12835 |
| 07/02 06:18:00 - 07/02 16:44:54 | Track (226.9, -396.3) ^{Ⓜ 07/02 06:15:00} | # AR12835 |
| 07/03 05:35:30 - 07/03 16:50:54 | Track (406.9, -393.9) ^{Ⓜ 07/03 05:32:30} | # AR12835 |
| 07/03 23:04:00 - 07/04 01:45:00 | Track (529.3, -390.5) ^{Ⓜ 07/03 23:00:00} | AR12835 |
| 07/04 06:11:00 - 07/04 16:19:54 | Track (575.3, -388.7) ^{Ⓜ 07/04 06:08:00} | # AR12835 |
| 07/04 23:03:00 - 07/05 01:59:54 | Track (673.1, -383.6) ^{Ⓜ 07/04 23:00:00} | AR12835 |
| 07/05 23:03:00 - 07/06 01:59:54 | Track (782.0, -374.5) ^{Ⓜ 07/05 23:00:00} | AR12835 |

PROG= 18 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) | 120.0sec |
| 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 |

Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

XOB #1C45: Synoptic 7 Filter w/ Al-mesh(64/512/2897), Al-poly(128/1024/4096), Thin-Be(1024/11571/23142) - Thick-Be(65536), Al-poly+Ti-poly(512/8192), M

| Term | Pointing (x, y) | Comment |
|---------------------------------|-------------------|-------------------|
| 06/29 18:03:00 - 06/29 18:09:54 | Fixed (0.0, 0.0) | synoptic |
| 07/02 16:48:00 - 07/02 16:54:54 | Fixed (0.0, 0.0) | synoptic, shifted |

PROG= 12 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) | 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 |
| Seqn= 46 | 1-time(s) | 2.0sec |
| Open/thick-Be | Open/thick-Be close | Safe Norm 64.0s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec |
| Seqn= 17 | 1-time(s) | 2.0sec |
| med-Al/Open | med-Al/Open close | Safe Norm 5.66s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec |
| med-Al/Open | med-Al/Open close | Safe Norm 64.0s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec |
| Seqn= 86 | 1-time(s) | 2.0sec |
| Al-poly/Ti-poly | Al-poly/thick-Al close | Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec |
| Al-poly/Ti-poly | Al-poly/thick-Al close | Safe Norm 8.00s Obs 2x2 2048x2048 (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

XOB #1C98: HOP349 - 3-filter Synoptics (Al-mesh[24/256/2897], Al-poly[45/512/4096], thin-Be[512/8192/23142] with 512x512 G-band+Leak - 45min cad) + C

| Term | Pointing (x, y) | Comment |
|---------------------------------|-------------------|-------------------------------|
| 06/30 02:03:00 - 06/30 06:31:54 | Fixed (0.0, 0.0) | HOP349 |
| 07/01 02:07:30 - 07/01 05:49:24 | Fixed (0.0, 0.0) | HOP349 |
| 07/02 02:03:00 - 07/02 06:04:54 | Fixed (0.0, 0.0) | HOP349 |
| 07/03 02:03:00 - 07/03 05:22:24 | Fixed (0.0, 0.0) | HOP349 |
| 07/04 02:16:30 - 07/04 05:57:54 | Fixed (0.0, 0.0) | HOP349 |
| 07/05 02:03:00 - 07/05 06:13:24 | Fixed (0.0, 0.0) | HOP349 |
| 07/05 12:08:00 - 07/05 16:49:54 | Fixed (0.0, 0.0) | Disk center (SOT calibration) |
| 07/06 02:03:00 - 07/06 05:31:24 | Fixed (0.0, 0.0) | HOP349 |

PROG= 08 Inf-time(s)

| Subr= 1 | 1-time(s) | 600.0sec |
|-----------------|------------------------|--|
| Seqn= 1 | 1-time(s) | 2.0sec |
| Open/Al-mesh | Open/Al-mesh close | Safe Norm 24ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec |
| Open/Al-mesh | Open/Al-mesh close | Safe Norm 250ms 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= 99 | 1-time(s) | 2.0sec |
| Al-poly/Open | Al-poly/Open close | Safe Norm 44ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec |
| Al-poly/Open | Al-poly/Open close | Safe Norm 500ms 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= 54 | 1-time(s) | 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 8.00s 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 |
|----------------|----------------|-----|------|-------|------|-----|-----|--------------------|-------|------------|----------|
|----------------|----------------|-----|------|-------|------|-----|-----|--------------------|-------|------------|----------|

XOB #1C8F: 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) + C

| Term | Pointing (x, y) | Comment |
|---------------------------------|---------------------|-----------------------------|
| 06/30 06:35:00 - 06/30 06:41:54 | Fixed (0.0, 0.0) | synoptic, shifted 32.0 min |
| 06/30 16:44:30 - 06/30 16:52:24 | Fixed (0.0, 0.0) | synoptic, shifted |
| 07/01 05:52:30 - 07/01 06:16:00 | Fixed (0.0, 0.0) | synoptic, shifted -10.5 min |
| 07/01 07:03:00 - 07/01 09:36:00 | Fixed (910.0, 0.0) | # QS Off-limb |
| 07/01 16:13:00 - 07/01 16:19:54 | Fixed (0.0, 0.0) | synoptic, shifted |
| 07/02 06:08:00 - 07/02 06:14:54 | Fixed (0.0, 0.0) | synoptic, shifted 5.0 min |
| 07/03 05:25:30 - 07/03 05:32:24 | Fixed (0.0, 0.0) | synoptic, shifted -37.5 min |
| 07/03 16:54:00 - 07/03 17:00:54 | Fixed (0.0, 0.0) | synoptic, shifted |
| 07/04 06:01:00 - 07/04 06:07:54 | Fixed (0.0, 0.0) | synoptic, shifted -2.0 min |
| 07/04 16:23:00 - 07/04 16:29:54 | Fixed (0.0, 0.0) | synoptic, shifted |
| 07/05 06:16:30 - 07/05 06:23:24 | Fixed (0.0, 0.0) | synoptic, shifted 13.5 min |
| 07/05 16:53:00 - 07/05 16:59:54 | Fixed (0.0, 0.0) | synoptic shifted |
| 07/06 05:34:30 - 07/06 05:41:24 | Fixed (0.0, 0.0) | synoptic, shifted -28.5 min |

PROG= 16 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= 54 | 1-time(s) | 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 8.00s 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 #1BB9: 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 |
|---------------------------------|---|---------------|
| 06/30 16:55:30 - 06/30 22:59:54 | Track (-16.1, -329.9) @ 06/30 16:52:30 | # HOP420 (AR) |
| 07/01 17:03:30 - 07/01 22:55:30 | Track (185.0, -330.6) @ 07/01 16:20:00 | # HOP420 (AR) |
| 07/02 17:38:30 - 07/02 21:52:30 | Track (385.4, -328.6) @ 07/02 16:55:00 | # HOP420 (AR) |
| 07/03 17:04:00 - 07/03 22:28:30 | Track (561.2, -323.9) @ 07/03 17:01:00 | # HOP420 (AR) |

PROG= 01 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) | 90.0sec |
| 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 |

Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

XOB #1C9A: HOP336 1-filter - Al/poly -384x384, 128ms and 2s, 60s-cadence, G-band - 384x384 1ms

| Term | Pointing (x, y) | Comment |
|---------------------------------|------------------------|-----------|
| 07/02 22:29:00 - 07/03 01:59:54 | Fixed (-22.0, -90.0) | HOP393 |
| 07/05 06:26:30 - 07/05 08:42:00 | Fixed (-22.0, 458.0) | # HOP336N |
| 07/05 09:28:00 - 07/05 12:04:54 | Fixed (-22.0, -689.0) | HOP336S |

PROG= 02 Inf.-time(s)

| Subr= 1 | 1-time(s) | 2.0sec |
|--------------|------------------------|--|
| Seqn= 16 | 2-time(s) | 2.0sec |
| Open/G-band | Open/G-band close | Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec |
| Subr= 2 | 1-time(s) | 2.0sec |
| Seqn= 90 | 1-time(s) | 30.0sec |
| Open/G-band | Open/G-band open | Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec |
| Subr= 3 | 15-time(s) | 2.0sec |
| Seqn= 60 | 1-time(s) | 60.0sec |
| Al-poly/Open | Al-poly/Open close | Safe Norm 2.00s Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec |
| Al-poly/Open | Al-poly/thick-Al close | Safe Norm 125ms Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec |

Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

XOB #1B5A: QS (Filter-Ratio with Al/poly and Al/mesh), 384FOV at 1064, 1048 with G-band (3ms/3ms leak) 90s cad - AEC0- HOP328

| Term | Pointing (x, y) | Comment |
|---------------------------------|-------------------------------------|---------------|
| 07/04 17:12:00 - 07/04 22:59:54 | Track (-4.6, 0.0) @ 07/04 16:30:00 | # HOP420 (QS) |
| 07/05 17:03:00 - 07/05 22:59:54 | Track (0.0, 0.0) @ 07/05 17:00:00 | # HOP420 (QS) |

PROG= 07 Inf.-time(s)

| Subr= 1 | 1-time(s) | 2.0sec |
|--------------|------------------------|--|
| Seqn= 55 | 1-time(s) | 2.0sec |
| Open/G-band | Open/G-band open | Safe Norm 3ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec |
| Open/G-band | Open/G-band close | Safe Norm 3ms 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 | 1-time(s) | 2.0sec |
| Seqn= 80 | 30-time(s) | 90.0sec |
| Open/Al-mesh | Open/thick-Al close | Safe Norm 5.66s Obs 1x1 384x384 (1064, 1048) Q=95 0 0 2.0sec |
| Al-poly/Open | Al-poly/thick-Al close | Safe Norm 8.00s Obs 1x1 384x384 (1064, 1048) Q=95 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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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) + G

| Term | Pointing (x, y) | Comment |
|---------------------------------|--|----------------------------|
| 06/29 12:49:00 - 06/29 17:59:54 | Track (-308.5, -390.7) @ 06/29 12:46:00 | # OP start + 10min AR12835 |
| 06/29 18:13:00 - 06/30 01:59:54 | Track (-266.1, -391.8) @ 06/29 18:10:00 | # AR12835 |
| 06/30 02:03:00 - 06/30 06:31:54 | Fixed (0.0, 0.0) | HOP349 |
| 06/30 06:45:00 - 06/30 16:41:24 | Track (-165.1, -393.9) @ 06/30 06:42:00 | # AR12835 |
| 06/30 16:55:30 - 06/30 22:59:54 | Track (-16.1, -329.9) @ 06/30 16:52:30 | # HOP420 (AR) |
| 06/30 23:03:00 - 07/01 01:36:30 | Track (-30.5, -395.8) @ 06/30 23:00:00 | AR12835 |
| 07/01 02:07:30 - 07/01 05:49:24 | Fixed (0.0, 0.0) | HOP349 |
| 07/01 10:19:30 - 07/01 16:09:54 | Track (61.0, -396.5) @ 07/01 10:00:00 | AR12835 |
| 07/01 17:03:30 - 07/01 22:55:30 | Track (185.0, -330.6) @ 07/01 16:20:00 | # HOP420 (AR) |
| 07/01 23:29:30 - 07/02 01:59:54 | Track (168.2, -396.6) @ 07/01 23:00:00 | AR12835 |

| | | |
|---------------------------------|---|-------------------------------|
| 07/02 02:03:00 - 07/02 06:04:54 | Fixed (0.0, 0.0) | HOP349 |
| 07/02 06:18:00 - 07/02 16:44:54 | Track (226.9, -396.3) @ 07/02 06:15:00 | # AR12835 |
| 07/02 17:38:30 - 07/02 21:52:30 | Track (385.4, -328.6) @ 07/02 16:55:00 | # HOP420 (AR) |
| 07/02 22:29:00 - 07/03 01:59:54 | Fixed (-22.0, -90.0) | HOP393 |
| 07/03 02:03:00 - 07/03 05:22:24 | Fixed (0.0, 0.0) | HOP349 |
| 07/03 05:35:30 - 07/03 16:50:54 | Track (406.9, -393.9) @ 07/03 05:32:30 | # AR12835 |
| 07/03 17:04:00 - 07/03 22:28:30 | Track (561.2, -323.9) @ 07/03 17:01:00 | # HOP420 (AR) |
| 07/03 23:04:00 - 07/04 01:45:00 | Track (529.3, -390.5) @ 07/03 23:00:00 | AR12835 |
| 07/04 02:16:30 - 07/04 05:57:54 | Fixed (0.0, 0.0) | HOP349 |
| 07/04 06:11:00 - 07/04 16:19:54 | Track (575.3, -388.7) @ 07/04 06:08:00 | # AR12835 |
| 07/04 17:12:00 - 07/04 22:59:54 | Track (-4.6, 0.0) @ 07/04 16:30:00 | # HOP420 (QS) |
| 07/04 23:03:00 - 07/05 01:59:54 | Track (673.1, -383.6) @ 07/04 23:00:00 | AR12835 |
| 07/05 02:03:00 - 07/05 06:13:24 | Fixed (0.0, 0.0) | HOP349 |
| 07/05 06:26:30 - 07/05 08:42:00 | Fixed (-22.0, 458.0) | # HOP336N |
| 07/05 09:28:00 - 07/05 12:04:54 | Fixed (-22.0, -689.0) | HOP336S |
| 07/05 12:08:00 - 07/05 16:49:54 | Fixed (0.0, 0.0) | Disk center (SOT calibration) |
| 07/05 17:03:00 - 07/05 22:59:54 | Track (0.0, 0.0) @ 07/05 17:00:00 | # HOP420 (QS) |
| 07/05 23:03:00 - 07/06 01:59:54 | Track (782.0, -374.5) @ 07/05 23:00:00 | AR12835 |
| 07/06 02:03:00 - 07/06 05:31:24 | Fixed (0.0, 0.0) | HOP349 |

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 | |

* * * * *

Active Region Search

* * * * *

NOT USED

* * * * *

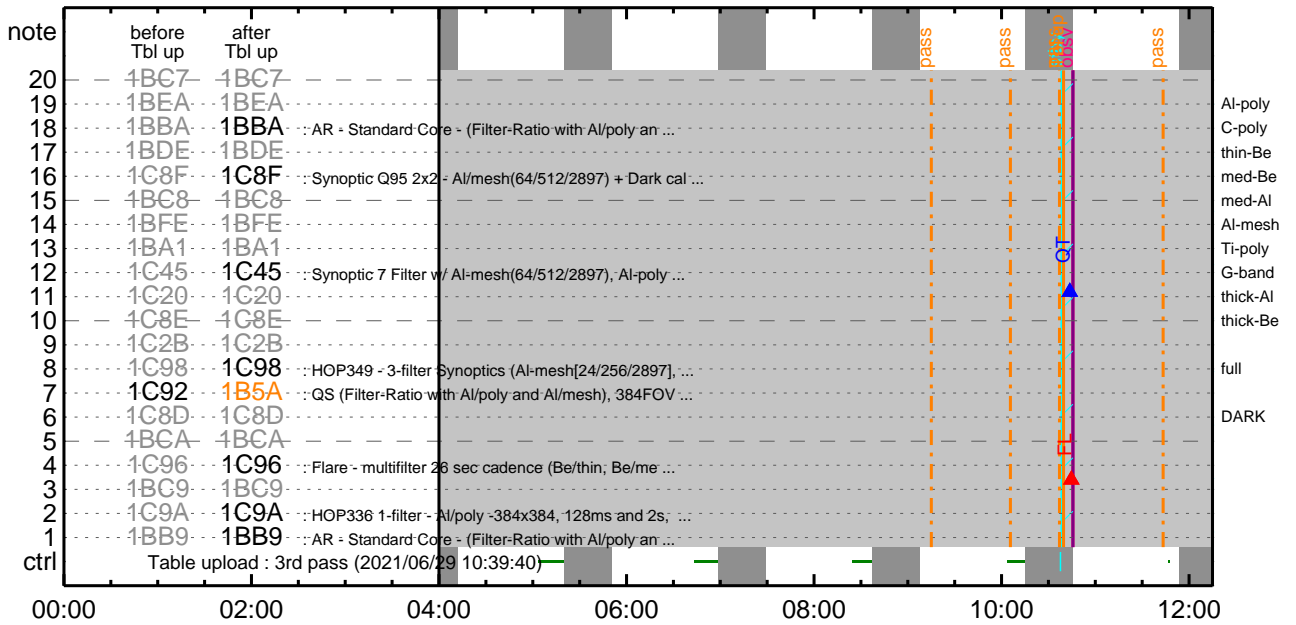
Flare Detection

* * * * *

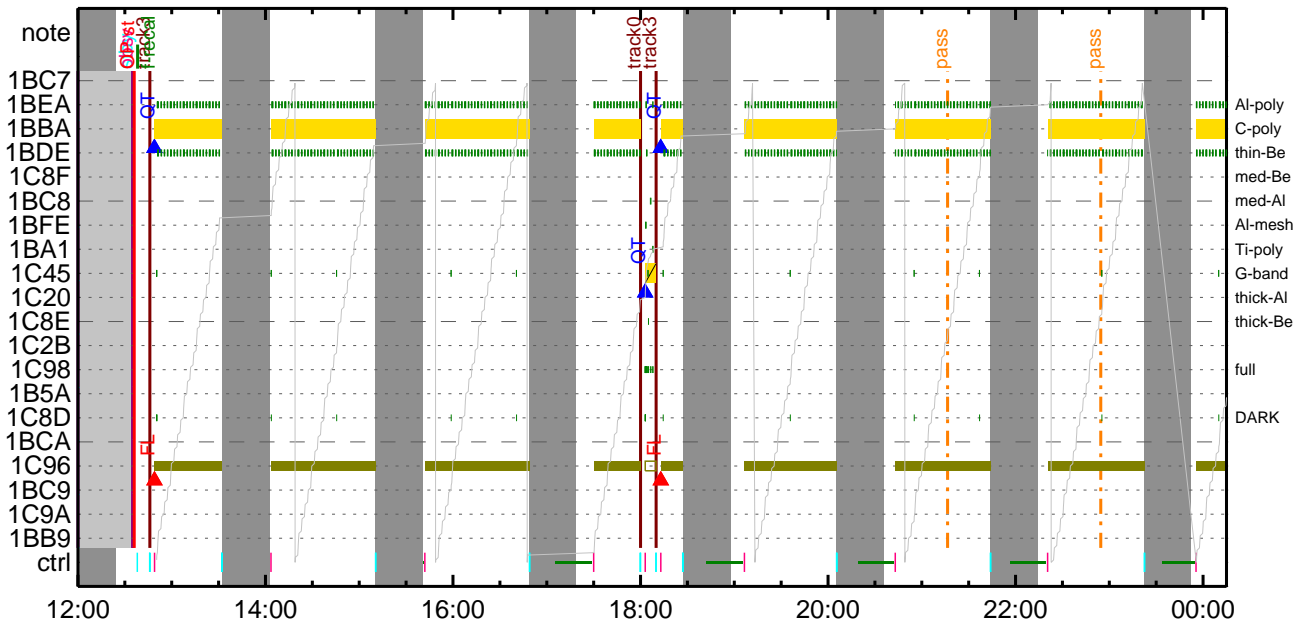
FLD Patrol

| Term | Pointing (x, y) | Comment |
|---------------------------------|--|--|
| 06/29 18:10:18 - 06/30 06:32:18 | Track (-266.1, -391.8) @ 06/29 18:10:00 | # AR12835 |
| 06/30 06:42:18 - 06/30 16:41:48 | Track (-165.1, -393.9) @ 06/30 06:42:00 | # AR12835 |
| 06/30 16:52:48 - 07/01 05:49:48 | Track (-16.1, -329.9) @ 06/30 16:52:30 | # HOP420 (AR) |
| 07/01 10:00:18 - 07/01 16:10:18 | Track (61.0, -396.5) @ 07/01 10:00:00 | AR12835 |
| 07/01 16:20:18 - 07/02 06:05:18 | Track (185.0, -330.6) @ 07/01 16:20:00 | # HOP420 (AR) |
| 07/02 06:15:18 - 07/02 16:45:18 | Track (226.9, -396.3) @ 07/02 06:15:00 | # AR12835 |
| 07/02 16:55:18 - 07/03 05:22:48 | Track (385.4, -328.6) @ 07/02 16:55:00 | # HOP420 (AR) |
| 07/03 05:32:48 - 07/03 16:51:18 | Track (406.9, -393.9) @ 07/03 05:32:30 | # AR12835 |
| 07/03 17:01:18 - 07/04 05:58:18 | Track (561.2, -323.9) @ 07/03 17:01:00 | # HOP420 (AR) |
| 07/04 06:08:18 - 07/04 16:20:18 | Track (575.3, -388.7) @ 07/04 06:08:00 | # AR12835 |
| 07/04 16:30:18 - 07/05 06:13:48 | Track (-4.6, 0.0) @ 07/04 16:30:00 | # HOP420 (QS) |
| 07/05 06:23:48 - 07/05 16:50:18 | Fixed (-22.0, 458.0) | # HOP336N |
| 07/05 17:00:18 - 07/06 05:31:48 | Track (0.0, 0.0) @ 07/05 17:00:00 | # HOP420 (QS) |
| 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 |

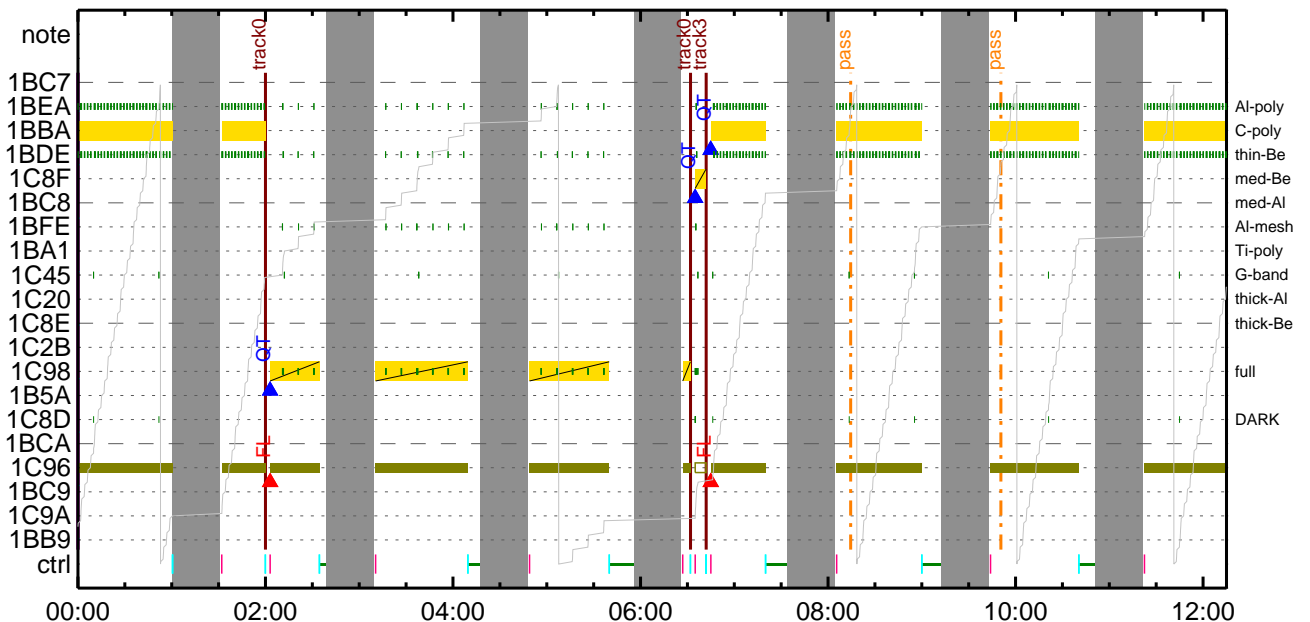
CMDI #0726 2021/06/29



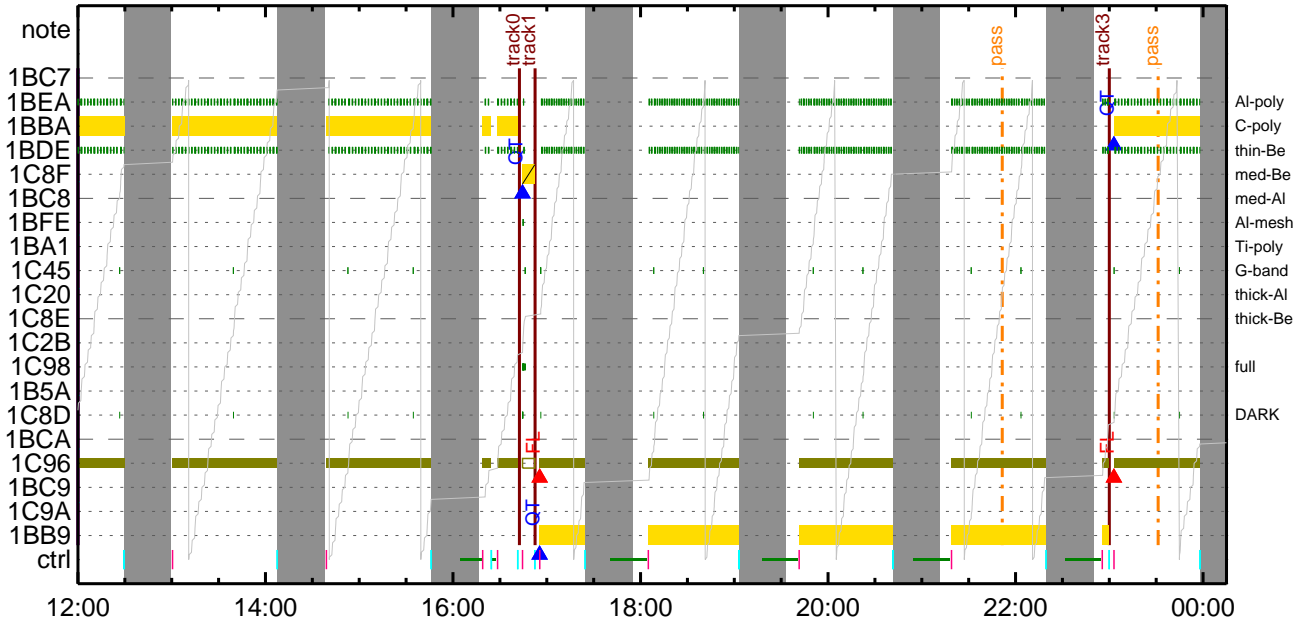
CMDI #0726 2021/06/29



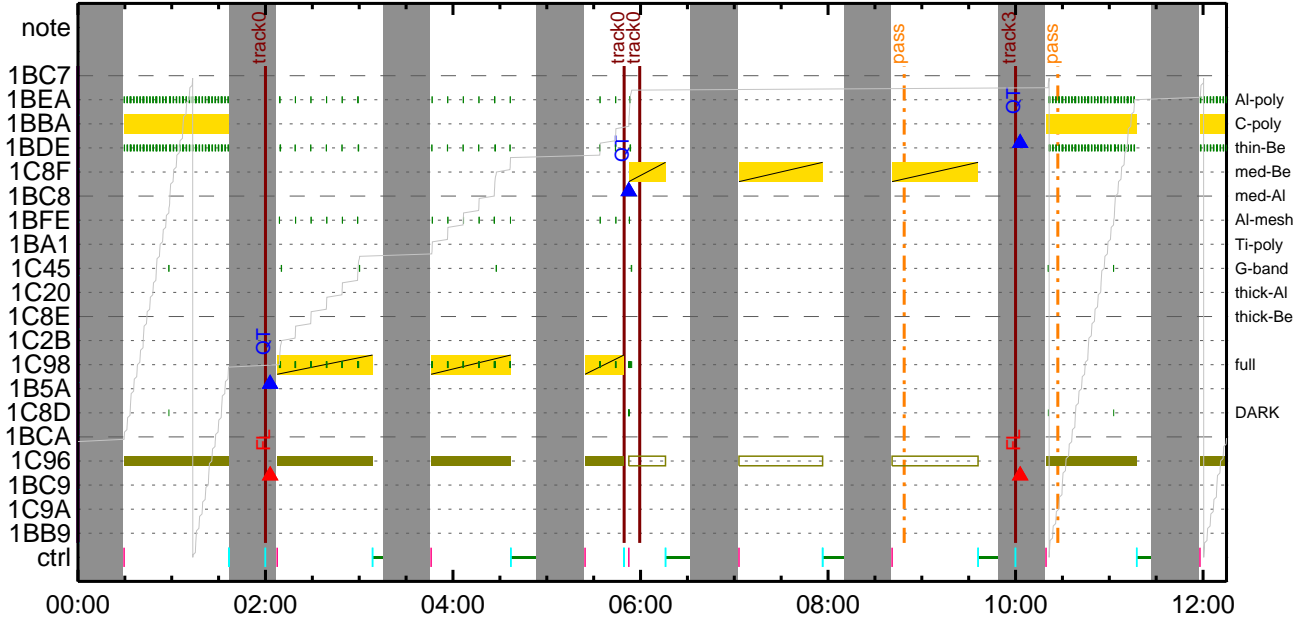
CMDI #0726 2021/06/30



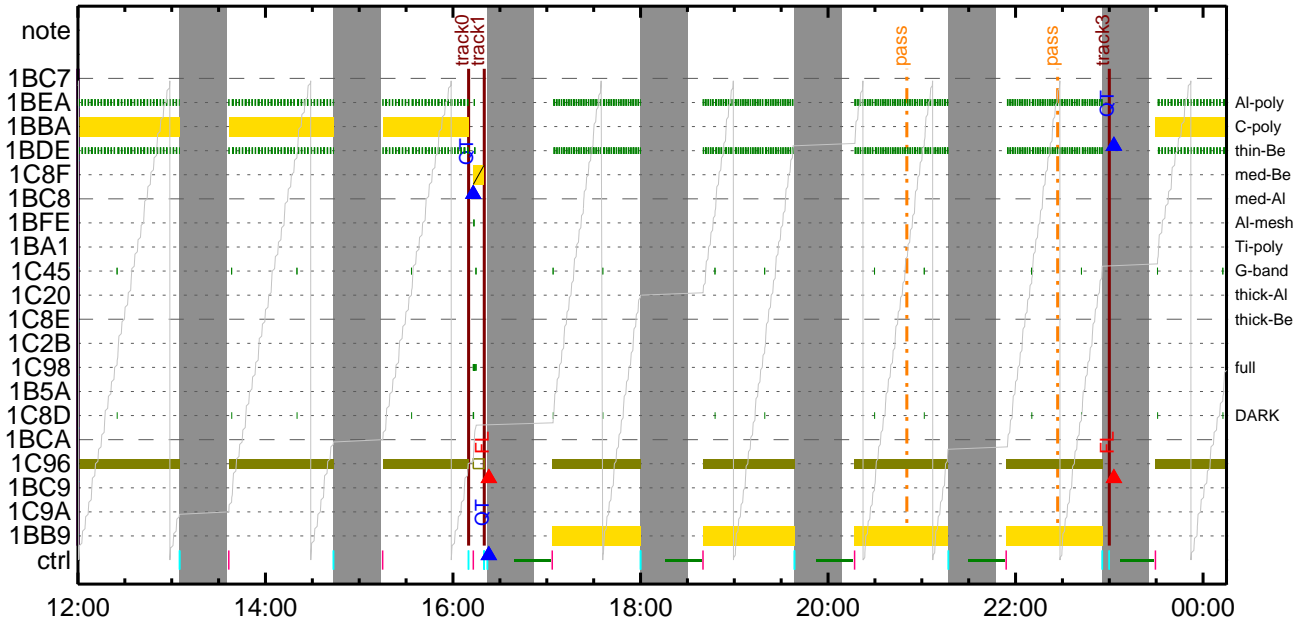
CMDI #0726 2021/06/30



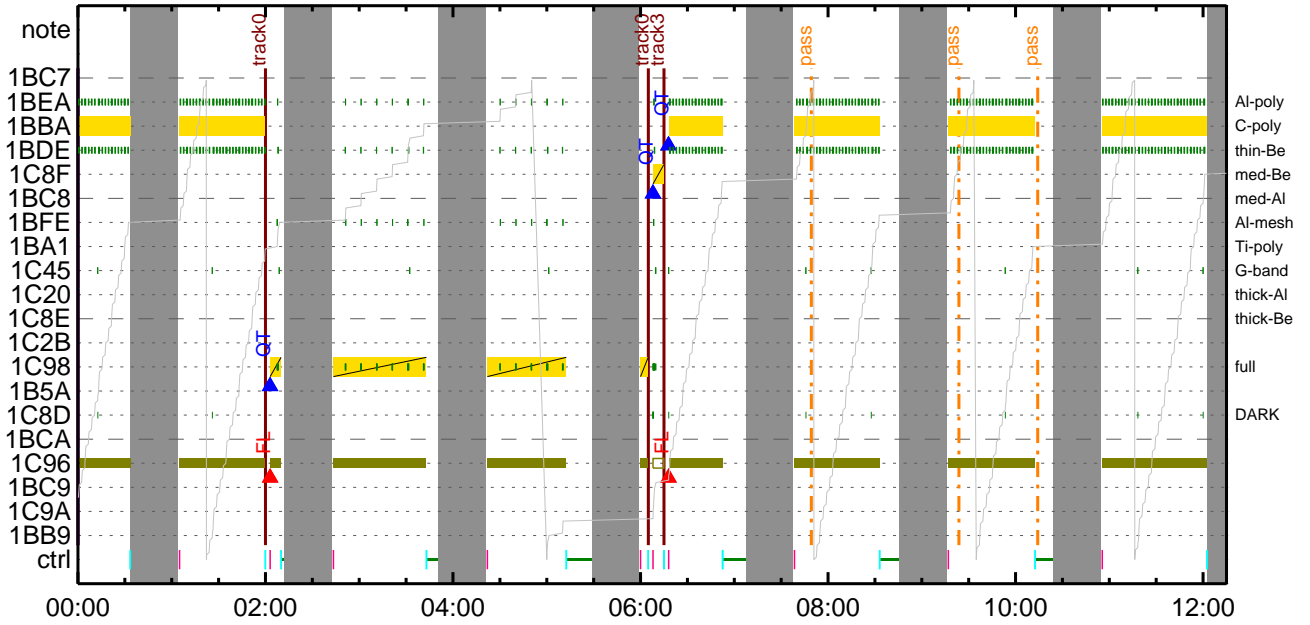
CMDI #0726 2021/07/01



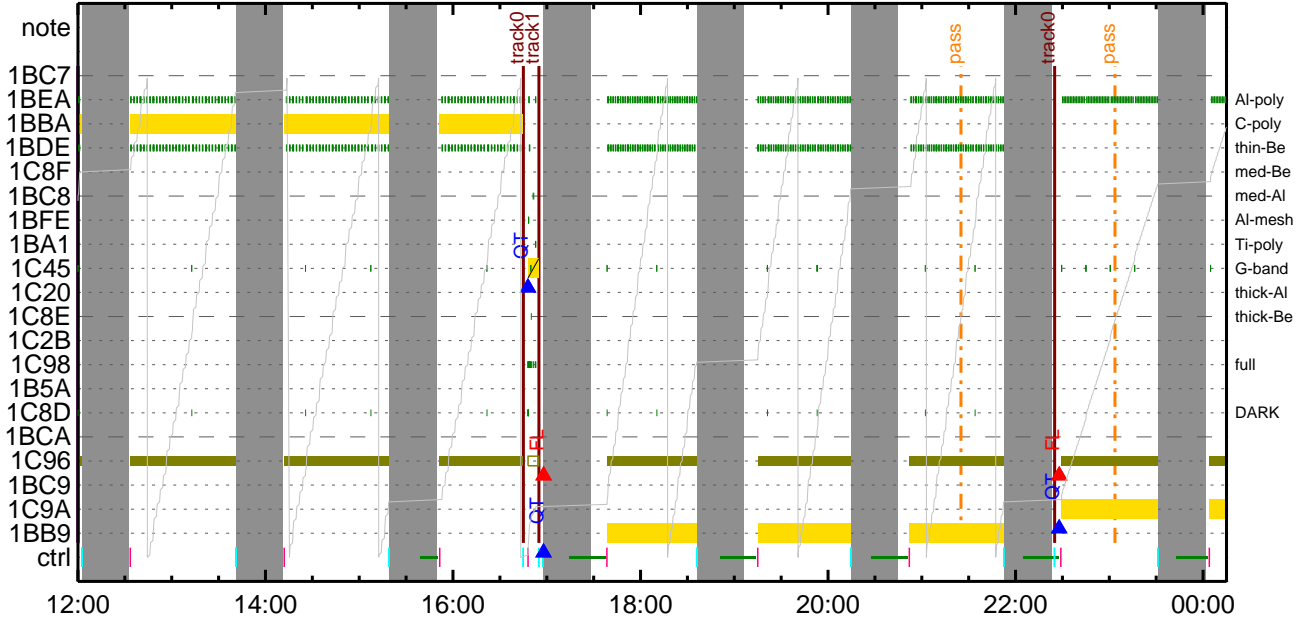
CMDI #0726 2021/07/01



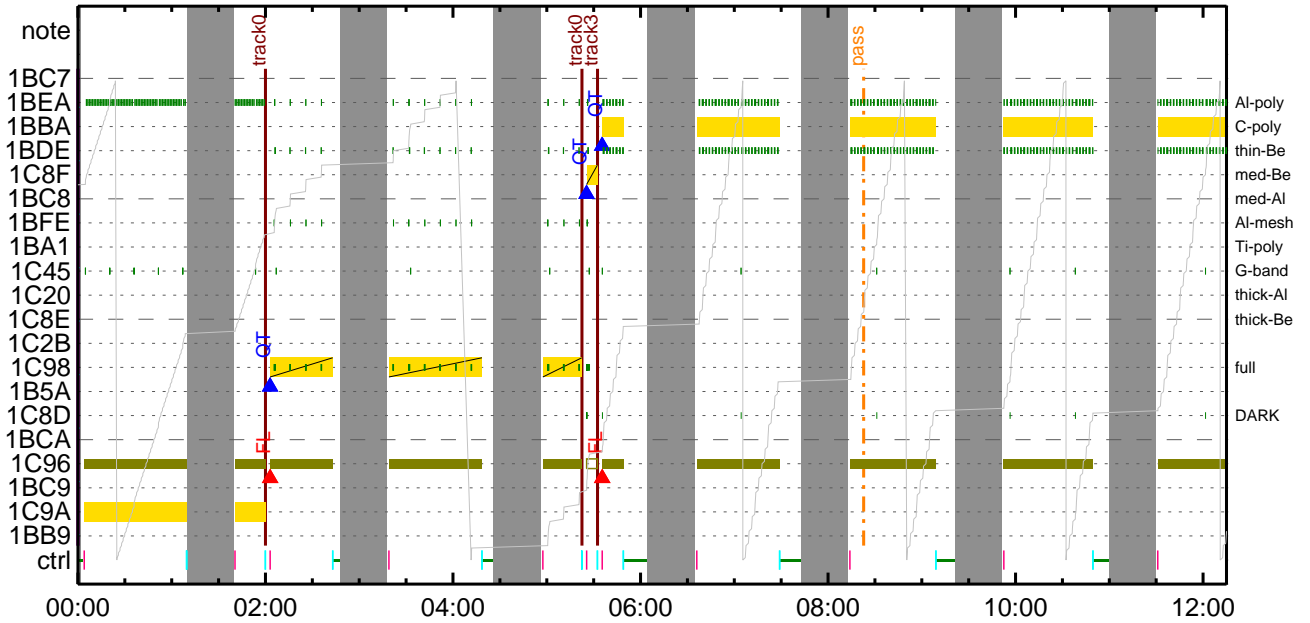
CMDI #0726 2021/07/02



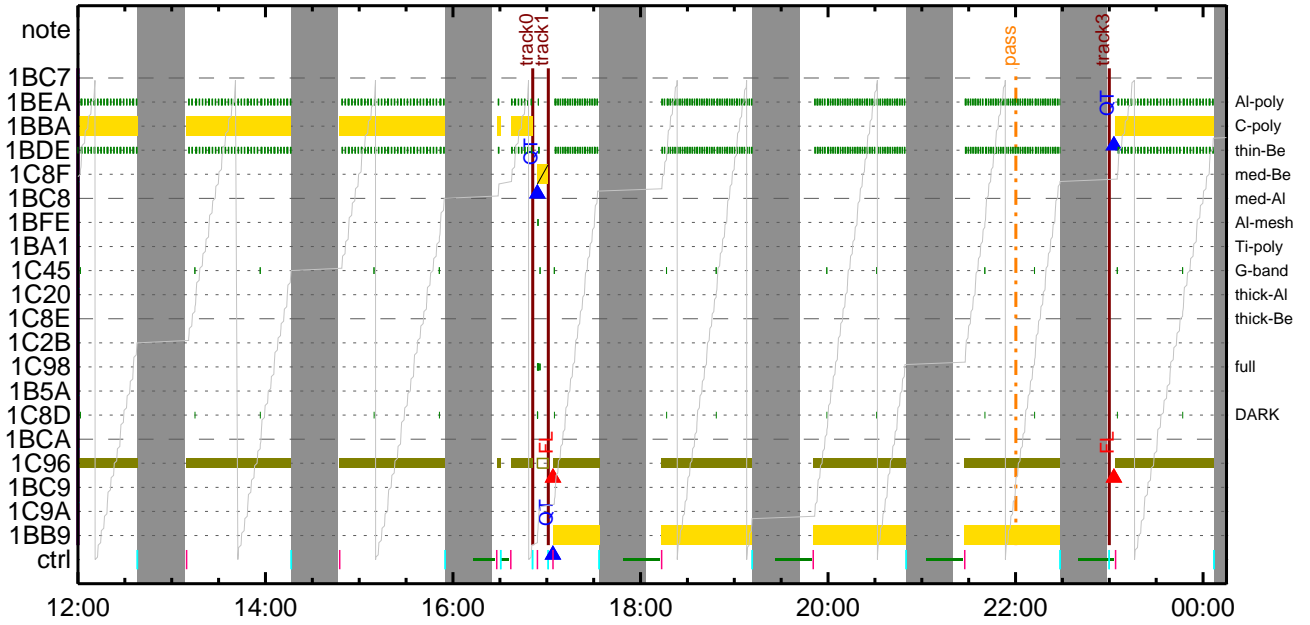
CMDI #0726 2021/07/02



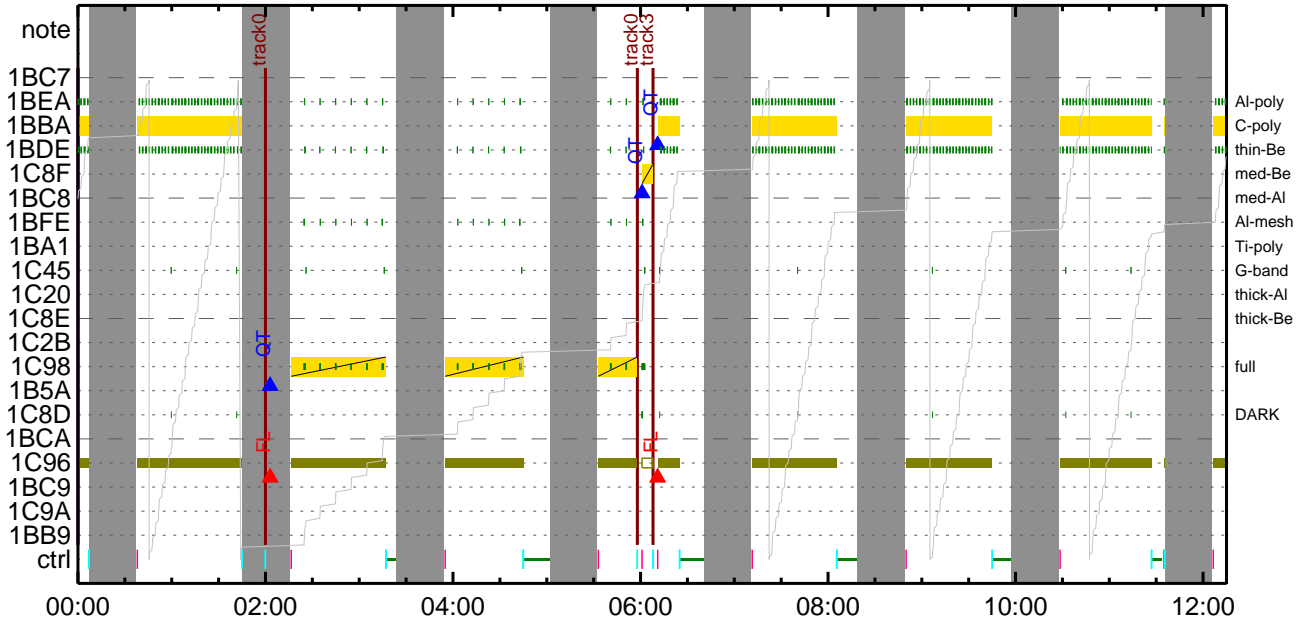
CMDI #0726 2021/07/03



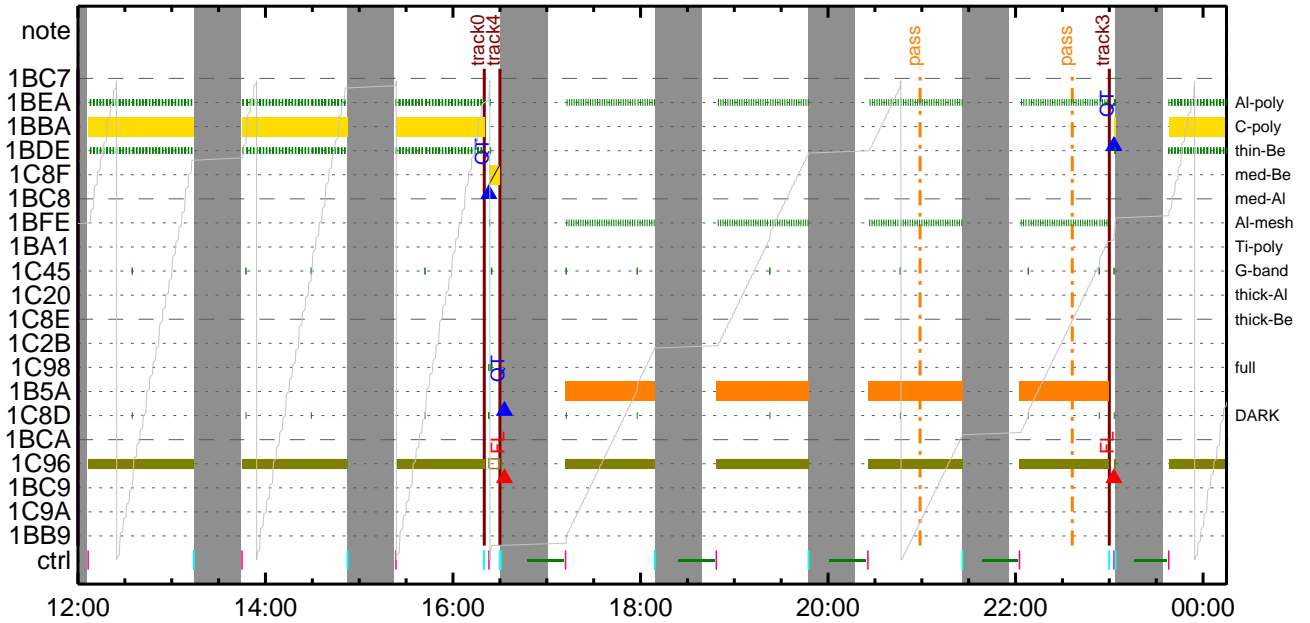
CMDI #0726 2021/07/03



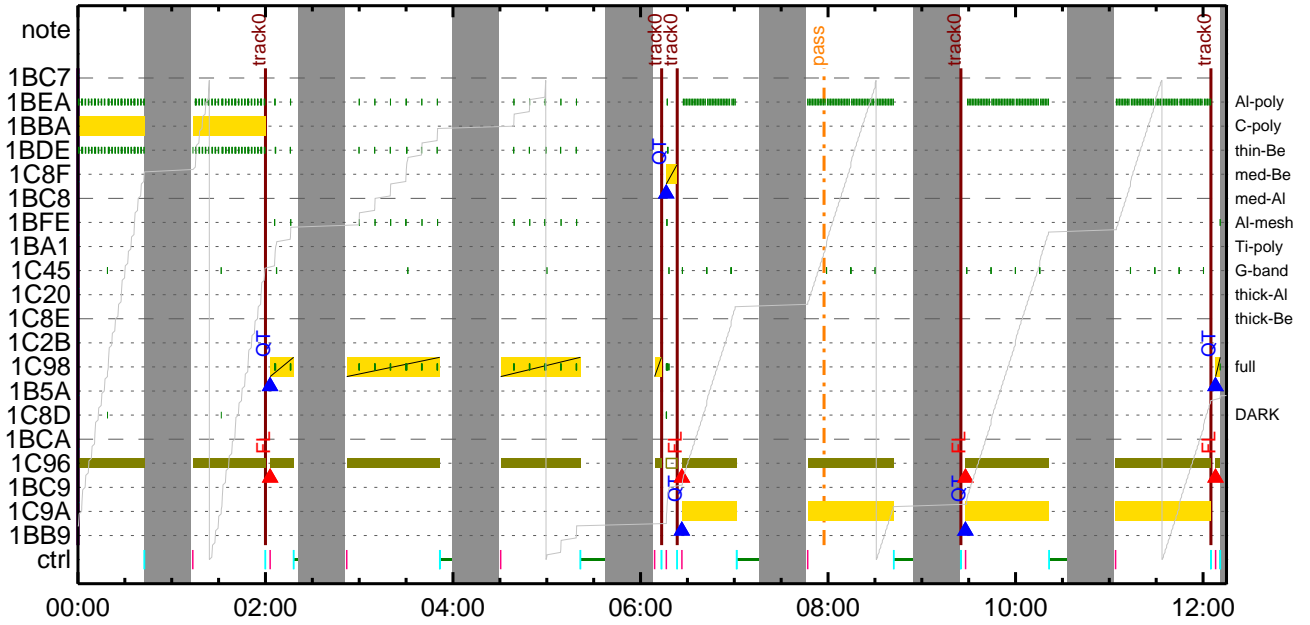
CMDI #0726 2021/07/04



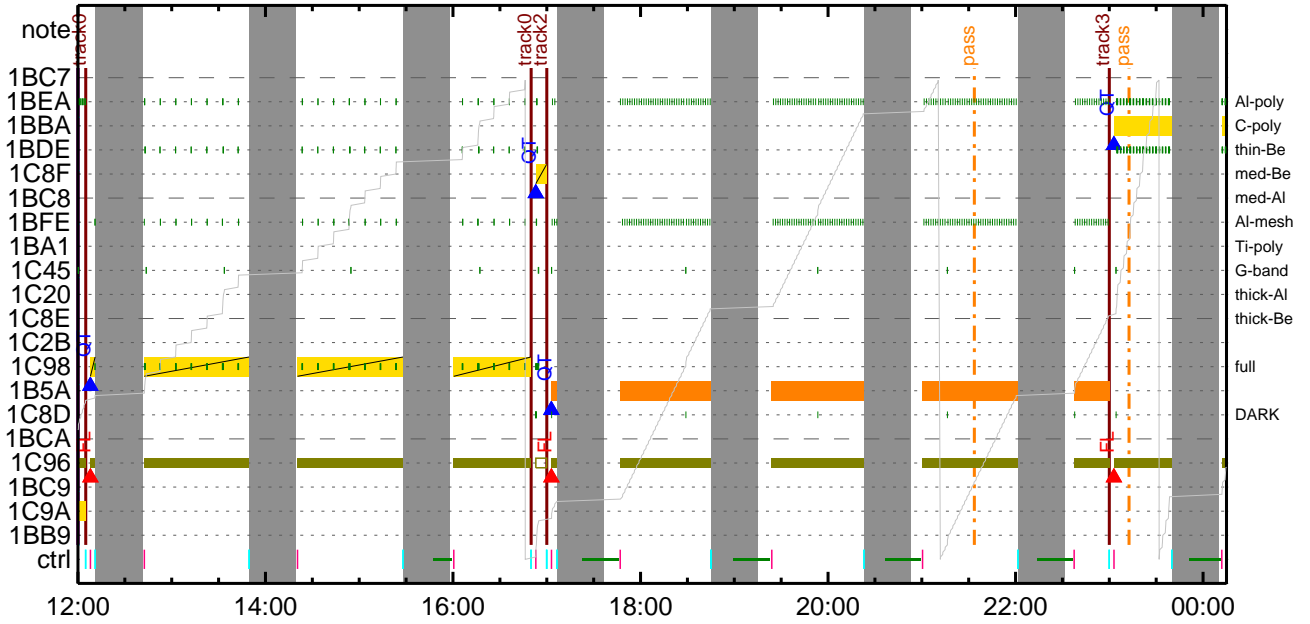
CMDI #0726 2021/07/04



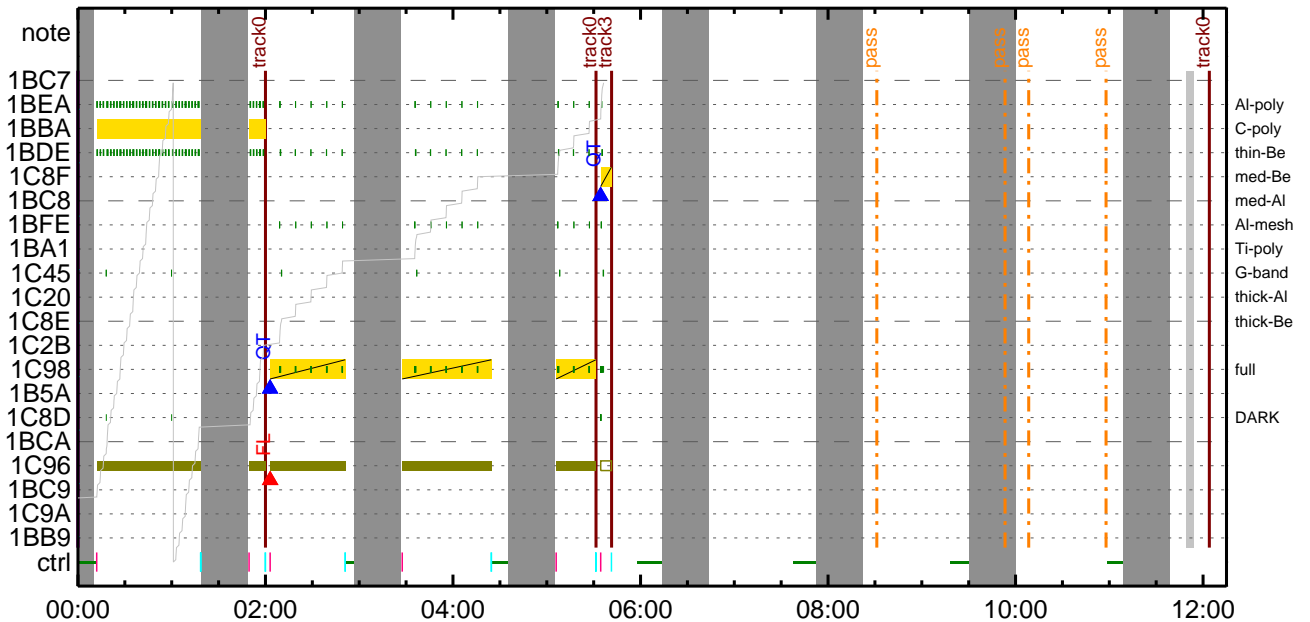
CMDI #0726 2021/07/05



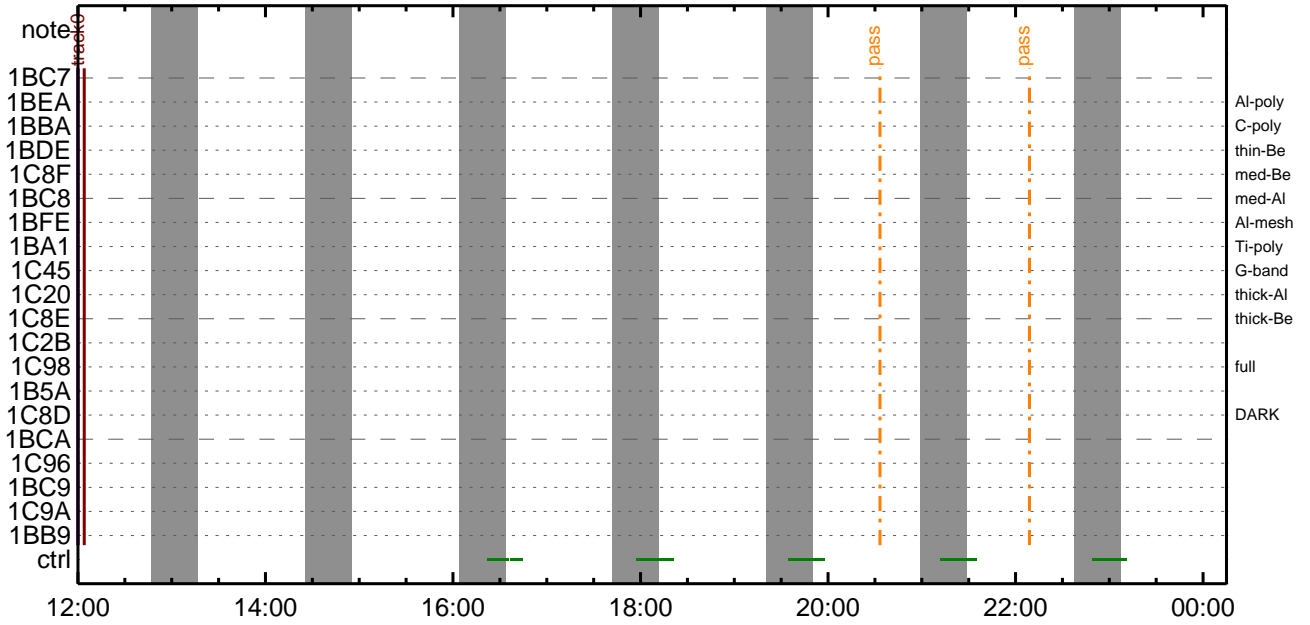
CMDI #0726 2021/07/05



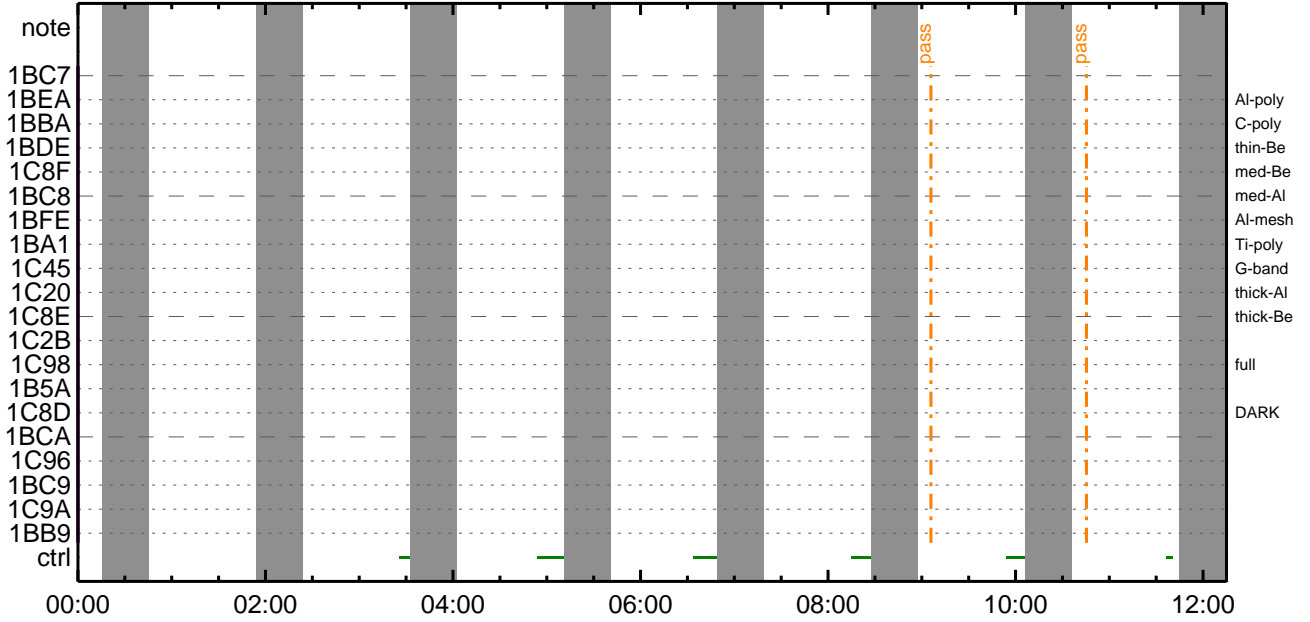
CMDI #0726 2021/07/06



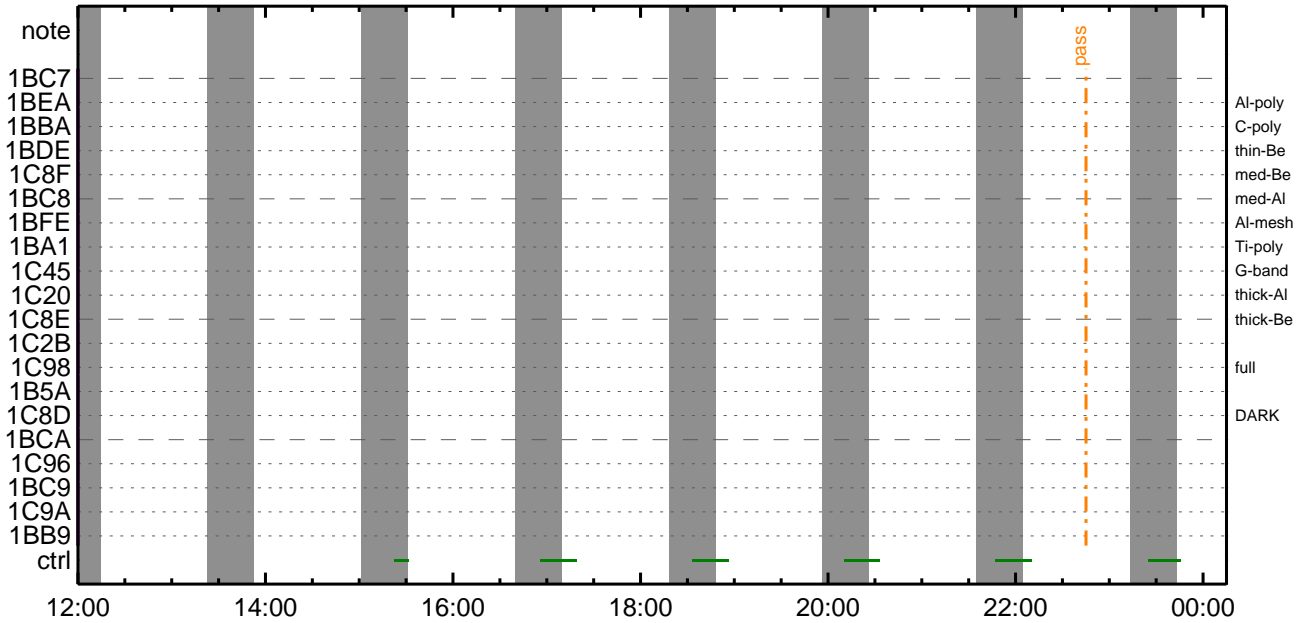
CMDI #0726 2021/07/06



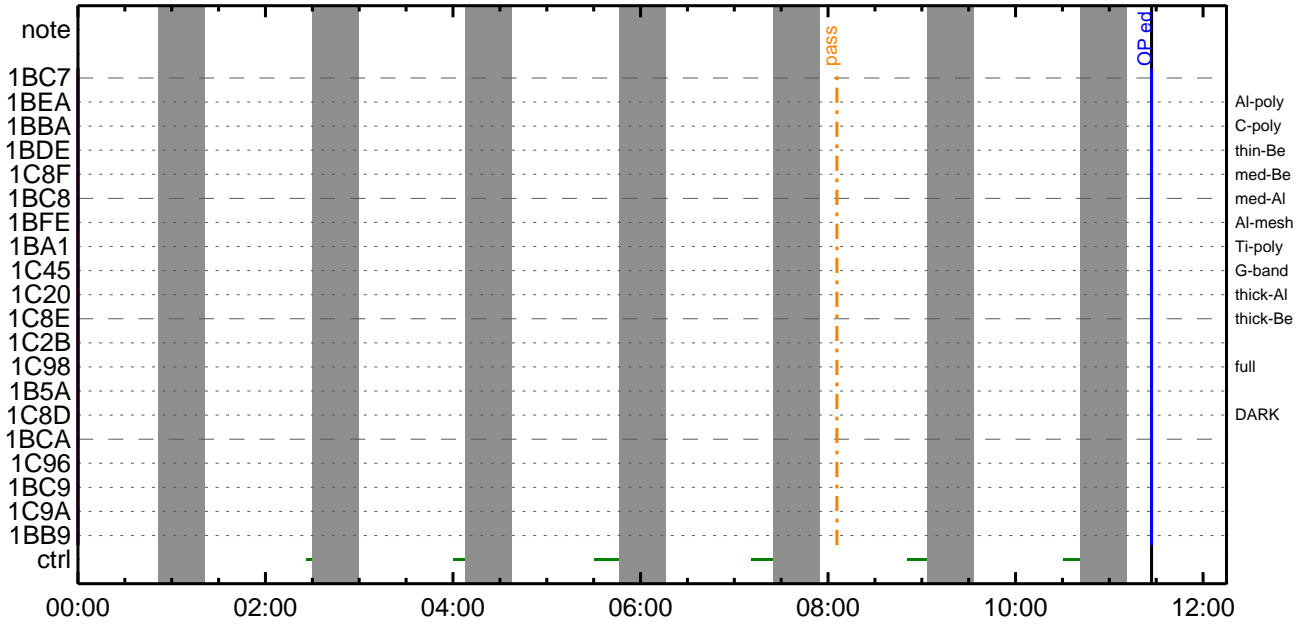
CMDI #0726 2021/07/07



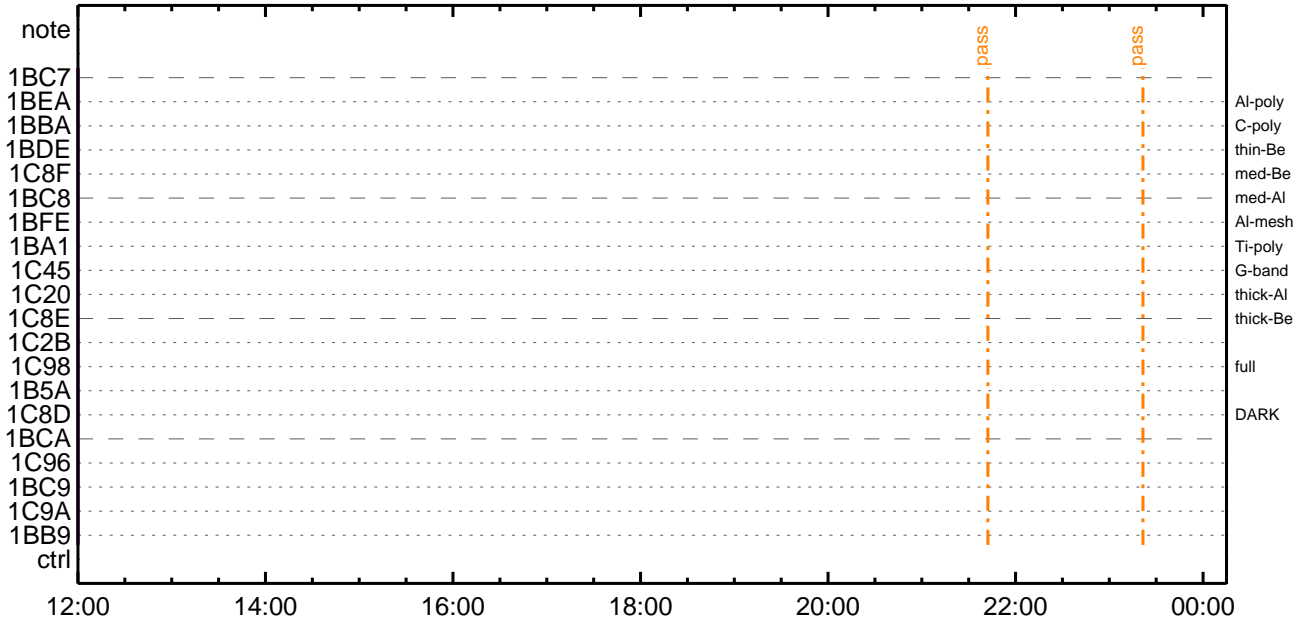
CMDI #0726 2021/07/07



CMDI #0726 2021/07/08



CMDI #0726 2021/07/08




```

0096 . C.
0097 . C.
0098 . C. *****
0099 . C. OP/OGY1;4YE;ã
0100 . C. *****
0101 . C.
0102 . C. ;ãOP/OGY1;4YE;ã
0103 . S. OP      op-564:OP
0104 . (
0105 . S. OG      og-564:OG
0106 . (
0107 . C.
0108 . C. ;ãNMOG&OPîî°èYAYôYx;ã
0109 . C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC      (20 00 7f 01 02)
0112 . C.          çç[HK1_DMP_TOP_ADRS_1]      EQ      40
0113 . C.          çç[HK1_DMP_TOP_ADRS_0]      EQ      0
0114 . C.          çç[HK1_DMP_BLOCK_NUM]       EQ     127
0115 . C.          çç[HK1_DMP_REPEAT_NUM]      EQ      0
0116 . C.          çç[HK1_DMA_DMP_PIM]         EQ     DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC      (07 0b f8)
0119 . C.          çç[HK1_PKT_FORM_NO]         EQ      7
0120 . C.          çç[HK1_PKT_GEN_TIME]        EQ     0.25 s
0121 . C.          çç[HK1_S_TLM_BIT_RATE]     EQ     32k
0122 . C.          çç[HK1_X_TLM_BIT_RATE]     EQ      4M
0123 . C.          çç[HK1_DMP_CHK_FLG]       EQ     EXEC
0124 . C. YAYôYx½ªî»òð³îÇ§
0125 . C.          çç[HK1_DMP_CHK_FLG]         EQ     NON
0126 . C. RAM ID=NMOG²î½E¹ç•è²îOKòð³îÇ§
0127 . C.
0128 . C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC      (20 80 7f 01 02)
0131 . C.          çç[HK1_DMP_TOP_ADRS_1]      EQ     41
0132 . C.          çç[HK1_DMP_TOP_ADRS_0]      EQ      0
0133 . C.          çç[HK1_DMP_BLOCK_NUM]       EQ     127
0134 . C.          çç[HK1_DMP_REPEAT_NUM]      EQ      0
0135 . C.          çç[HK1_DMA_DMP_PIM]         EQ     DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC      (07 0b f8)
0138 . C.          çç[HK1_PKT_FORM_NO]         EQ      7
0139 . C.          çç[HK1_PKT_GEN_TIME]        EQ     0.25 s
0140 . C.          çç[HK1_S_TLM_BIT_RATE]     EQ     32k
0141 . C.          çç[HK1_X_TLM_BIT_RATE]     EQ      4M
0142 . C.          çç[HK1_DMP_CHK_FLG]       EQ     EXEC
0143 . C. YAYôYx½ªî»òð³îÇ§
0144 . C.          çç[HK1_DMP_CHK_FLG]         EQ     NON
0145 . C. RAM ID=NMOG²î½E¹ç•è²îOKòð³îÇ§
0146 . C.
0147 . C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC      (21 00 41 01 02)
0150 . C.          çç[HK1_DMP_TOP_ADRS_1]      EQ     42
0151 . C.          çç[HK1_DMP_TOP_ADRS_0]      EQ      0
0152 . C.          çç[HK1_DMP_BLOCK_NUM]       EQ     65
0153 . C.          çç[HK1_DMP_REPEAT_NUM]      EQ      0
0154 . C.          çç[HK1_DMA_DMP_PIM]         EQ     DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC      (07 0b f8)
0157 . C.          çç[HK1_PKT_FORM_NO]         EQ      7
0158 . C.          çç[HK1_PKT_GEN_TIME]        EQ     0.25 s
0159 . C.          çç[HK1_S_TLM_BIT_RATE]     EQ     32k
0160 . C.          çç[HK1_X_TLM_BIT_RATE]     EQ      4M
0161 . C.          çç[HK1_DMP_CHK_FLG]       EQ     EXEC
0162 . C. YAYôYx½ªî»òð³îÇ§
0163 . C.          çç[HK1_DMP_CHK_FLG]         EQ     NON
0164 . C. RAM ID=NMOG, RAM ID=OP²î½E¹ç•è²îOKòð³îÇ§
0165 . C.
0166 . C. ***** ²î½E¹ç•è²îOKòð³îÇ§ *****
0167 . C. DHUYâ;4YE;ã
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 UPLOAD²î½E¹ç•è²îOKòð³îÇ§
0180 . C.          çç[HK1_TI_CMD_NUM]           EQ     1COUNTUP
0181 . C.
0182 . C. TIY³YpYôYÈ²î½E¹ç•è²îOKòð³îÇ§ (UT)
0183 +. TI 2021-06-29 12:31:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 . C.          çç[HK1_TI_CMD_NUM]           EQ     1COUNTUP
0186 . C.
0187 +. TI 2021-06-29 12:31:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 . C.          çç[HK1_TI_CMD_NUM]           EQ     1COUNTUP
0190 . C.
0191 +. TI 2021-06-29 12:31:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 . C.          çç[HK1_TI_CMD_NUM]           EQ     1COUNTUP

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0194 C.
0195 +. TI 2021-06-29 12:35:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          çç[HK1_TI_CMD_NUM]          EQ      1COUNTUP
0198 C.
0199 C. °Ê²¼αîÄë%îíñαîŷÄŷ§ŷÄŷ-¹àîŰ
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»αò³îç§
0226 C.          çç[HK1_DMP_CHK_FLG]         EQ      NON
0227 C.
0228 C. RAM ID=TI_TBLαîŷÈ¹ç•è²îOKαò³îç§
0229 C.
0230 C. DHUŷâ;¼ŷÈ;È¼ŷ¼. ŷî;¼ŷÈ;Èαòîãα¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC      (02 0a f8)
0233 C.          çç[HK1_PKT_FORM_NO]         EQ      2
0234 C.          çç[HK1_PKT_GEN_TIME]         EQ      0.5S
0235 C.          çç[HK1_S_TLM_BIT_RATE]      EQ      32K
0236 C.          çç[HK1_X_TLM_BIT_RATE]      EQ      4M
0237 C.
0238 C. Stop EIS observation and temporarily disable EIS mode changes
0239 C.
0240 C.
0241 C. ***** Start EIS operation (TI set) *****
0242 C. Execute, after the success of OP upload.
0243 C. Set EIS TI-commands
0244 +. TI 2021-06-29 12:35:30.0
0245 DC 07-FC EIS_MODE_MANU
0246 BC      (21 02)
0247 +. TI 2021-06-29 12:35:40.0
0248 DC 07-FC EIS_MODE_CHG_DIS
0249 BC      (22)
0250 C.          [ ] [HK1_TI_CMD_NUM]        EQ      2 COUNTUP
0251 C. ***** End EIS operation (TI set) *****
0252 C.
0253 C.
0254 C.
0255 C. ***** XRT START *****
0256 C. Execute, after the success of OP upload.
0257 +. TI 2021-06-29 12:35:00.0
0258 DC 07-F0 MDP_XRT_MODE_STBY
0259 BC      (c3)
0260 C.          [ ] [HK1_TI_CMD_NUM]        EQ      1COUNTUP
0261 C.
0262 C. ***** XRT END *****
0263 C.
0264 C. ***** MDP `ûÄîαî»ò¼ŷαÈÄα¹αèDCBC•×²è *****
0265 C. (¼ª°îŷÖŷÄŷÈŷŷŷÈŷâŷçŷèαÈ¼αα¼Ä»Űα¹αè)
0266 S. DC-BC dcbc-402:DCBC
0267 (MDP_known_event)
0268 C.
0269 C.
0270 C. ***** ŷDŷ¹.İ Daily±;îñαÈ´Øα¹αèDCBC•×²è *****
0271 S. DC-BC dcbc-153:DCBC
0272 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0273 C.
0274 C.
0275 C. îãLOSŷÄŷŷŷÄŷ-¼Ä»Ű;ã
0276 C.
0277 C. ***** LOS *****
0278 C.

```

(a) Spacecraft Operation Procedure (real-commands)

```
main-565 2021-06-29 12:37:02 94 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY~¼Á»Û;ã
0005 C.
0006 C. YÁY$;¼Y³YFÿYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¿¿ãÀã•µ°Æ»Í×ÁÇãÍYçYÁY×Yí;¼YÉ;ÈÈ%µ•íÉ;ÈãÈ¼°ÇÔã•ã¿¼í¹çãÍ;çÁ®, ùã¹ãÈãBãÇÁ+¿®ã•ãÈããã³ãÈ;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 AOCSDUMP 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. ***** AOCs Commands (Orbital Element Update) *****
0046 C. Update the orbital element
0047 +. DC 02-50 AOCU_ORB_PRPGT_START
0048 BC (16)
0049 +. DC 02-8E AOCU_ORB_UPD
0050 C.
0051 C. <A_ORB>[ORBIT] EPC = 4258194.5 +- 1.0 (s) [ ]
0052 C.
0053 C.
0054 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0055 +. DC 07-FC EIS_MODE_CHG_ENA
0056 BC (20)
0057 . C. Verify EIS_MODE_CHG_FLG is ENA
0058 +. DC 07-FC EIS_MODE_MANU
0059 BC (21 02)
0060 . C. Verify EIS in MANUAL mode
0061 C. Estimated OBSTBL upload time is 57s
0062 C. *****
0063 C. EIS START OBSTBL LOAD
0064 C. *****
0065 . S. RAM ram-820:EIS_OBSTBL
0066 ( )
0067 +. DC 07-FC EIS_DUMP_OBSTBL
0068 BC (07 07 07 00 00 70 00)
0069 C.
0070 C. Execute, after the success of OBSTBL upload.
0071 C. Set EIS TI-commands
0072 +. TI 2021-06-29 12:35:50.0
0073 DC 07-FC EIS_MODE_CHG_ENA
0074 BC (20)
0075 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0076 C. *****
0077 C. EIS END OBSTBL LOAD
0078 C. *****
0079 C.
0080 . C. ***** MDP `ûÁÎãÍ»ò¼YãÈÁãã¹ãÈDCBC•×²è *****
0081 C. (¼ã°íYÓYÁYÈYBÿYÈYáYçYÈãÈ¼¼ãã¼Á»Ûã¹ãÈ)
0082 . S. DC-BC dcbc-402:DCBC
0083 (MDP_known_event)
0084 C.
0085 C.
0086 . C. ***** YDÿ¹•İ Daily±¿ÍÑãÈ`Øã¹ãÈDCBC•×²è *****
0087 . S. DC-BC dcbc-153:DCBC
0088 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0089 C.
0090 C.
0091 . C. ;ãLOSÁY$YÁY~¼Á»Û;ã
0092 C.
0093 . C. ***** LOS *****
0094 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-566 2021-06-29 12:37:02 98 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÁY-¼Á»Û;ã
0005 C.
0006 C. YÀYB;¼Y³YFÏÖYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¿àÁø•µ°È»Í×ÁÇóÍYçYÁY×Yí;¼YÉ;ÈÈèµ•íÍÈ;ÈøÈ¼°ÇÒø•ø¿¼ì¹çøÍ;çÀ®, ùø¹øèøøøçÁ+¿®ø•øÈøøøøèÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 + DC 07-F0 MDP_XRT_MODE_STBY
0020 BC (c3)
0021 . C. ----- Success Verify ? OK / NG_____
0022 C.
0023 C. XRT Obs. Table Upload
0024 . S. RAM ram-291:MDP_OBS_X
0025 ( )
0026 C.
0027 +. DC 07-F0 MDP_DUMP_XRTTBL
0028 BC (84 07 00 00 00 3a d4)
0029 . C. ----- Comparison Check ? OK / ERR _____
0030 C.
0031 C.
0032 +. DC 07-F0 MDP_XRT_ROI_SET
0033 BC (cd 01 b1 b1 04 04)
0034 + DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 02 b1 b1 08 08)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 03 b1 b1 08 08)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 04 b1 b1 06 06)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 05 85 83 06 06)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 06 80 80 20 20)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 07 80 80 20 08)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 08 80 80 08 20)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 09 85 83 06 06)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0a 80 80 08 08)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0f 80 80 06 06)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 10 80 80 08 08)
0056 + DC 07-F0 MDP_XRT_FLD_ENA
0057 BC (d8)
0058 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0059 BC (c8)
0060 + DC 07-F0 MDP_XRT_ARS_DIS
0061 BC (d5)
0062 + DC 07-F0 MDP_XRT_AEC_RESET
0063 BC (d0)
0064 + DC 07-F0 MDP_XRT_FLD_RESET
0065 BC (da)
0066 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0067 BC (c4 0c)
0068 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0069 BC (c5 04)
0070 . C. ----- Success Verify ? OK / NG _____
0071 C.
0072 C.
0073 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0074 C.
0075 +. DC 07-F0 MDP_XRT_MODE_OBSV
0076 BC (c2)
0077 +. TI 2021-06-29 12:35:02.0
0078 DC 07-F0 MDP_XRT_MODE_OBSV
0079 BC (c2)
0080 . C. ----- Success Verify ? OK / NG _____
0081 C.
0082 C. ***** XRT END *****
0083 C.
0084 . C. ***** MDP `ûÁíøÍ»ò¼YøÈÁÐø¹øèDCBC•x²è *****
0085 C. (¼ã°ìYÓYÁYÈYÏYÈYáYçYèøÈ¼øø¼Á»Ûø¹øè)
0086 . S. DC-BC dcbc-402:DCBC
0087 (MDP_known_event)
0088 C.
0089 C.
0090 . C. ***** YÐY¹•İ Daily±¿ÍŃøÈ´øø¹øèDCBC•x²è *****
0091 . S. DC-BC dcbc-153:DCBC
0092 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0093 C.
0094 C.
0095 . C. ;ãLOSÁYŞYÁY-¼Á»Û;ã
```


0096 C.
0097 . C. ***** LOS *****
0098 C.

*** OP Sequence for XRT ***

| | | | | | | | | | |
|------------|------------|--------------------------------------|---|-------|----|----|----|----|----|
| 2021/06/29 | 12:38:00.0 | XRT_CTRL_MANU_442_OG [0x1ba] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/06/29 | 12:38:10.0 | XRT_FOCUS_RECALIBRATE_427_OG [0x1ab] | | | | | | | |
| | | XRT_FOCUS_RECAL | 2 | 07-F8 | 78 | 00 | | | |
| 2021/06/29 | 12:42:10.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2021/06/29 | 12:45:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/06/29 | 12:45:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/06/29 | 12:45:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2021/06/29 | 12:46:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 03 | 00 | 00 | 00 | 00 |
| 2021/06/29 | 12:46:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/06/29 | 12:46:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2021/06/29 | 12:46:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2021/06/29 | 12:46:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/06/29 | 12:46:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/06/29 | 12:48:56.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 12 | | | |
| 2021/06/29 | 12:48:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | | | |
| 2021/06/29 | 12:49:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/06/29 | 13:32:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/06/29 | 13:32:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/06/29 | 13:32:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/06/29 | 13:32:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/06/29 | 13:35:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/06/29 | 14:02:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/06/29 | 14:03:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/06/29 | 15:10:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/06/29 | 15:10:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/06/29 | 15:10:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/06/29 | 15:10:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/06/29 | 15:13:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/06/29 | 15:41:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/06/29 | 15:42:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/06/29 | 16:49:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/06/29 | 16:49:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/06/29 | 16:49:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/06/29 | 16:49:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/06/29 | 16:52:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/06/29 | 17:29:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/06/29 | 17:30:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/06/29 | 17:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/06/29 | 17:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/06/29 | 17:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2021/06/29 | 18:00:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| 2021/06/29 | 18:00:18.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2021/06/29 | 18:00:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2021/06/29 | 18:00:22.0 | XRT_ARS_DIS_420_OG [0x1a4] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/06/29 | 18:02:58.0 | XRT_QT_PROG_SET_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0c | | | |
| 2021/06/29 | 18:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/06/29 | 18:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/06/29 | 18:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |

| | | | | | |
|------------|------------|---|---|-------|----------------|
| 2021/06/29 | 18:09:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2021/06/29 | 18:10:00.0 | AOCs_OrE-point_Start_1_OG [0x097] AOCU_NM | 5 | 02-76 | 03 00 00 00 00 |
| 2021/06/29 | 18:10:18.0 | XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2021/06/29 | 18:10:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2021/06/29 | 18:10:22.0 | XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2021/06/29 | 18:10:24.0 | XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2021/06/29 | 18:10:26.0 | XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/06/29 | 18:12:56.0 | XRT_QT_PROG_SET_435_OG [0x1b3] MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 |
| 2021/06/29 | 18:12:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 |
| 2021/06/29 | 18:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/06/29 | 18:27:00.0 | XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/29 | 18:27:02.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/29 | 18:27:04.0 | XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/06/29 | 18:27:06.0 | XRT_PREFLR_STRT_407_OG [0x197] MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/06/29 | 18:30:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/06/29 | 19:05:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/06/29 | 19:06:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/06/29 | 20:05:30.0 | XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/29 | 20:05:32.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/29 | 20:05:34.0 | XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/06/29 | 20:05:36.0 | XRT_PREFLR_STRT_407_OG [0x197] MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/06/29 | 20:08:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/06/29 | 20:42:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/06/29 | 20:43:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/06/29 | 21:44:00.0 | XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/29 | 21:44:02.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/29 | 21:44:04.0 | XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/06/29 | 21:44:06.0 | XRT_PREFLR_STRT_407_OG [0x197] MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/06/29 | 21:47:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/06/29 | 22:19:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/06/29 | 22:20:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/06/29 | 23:22:30.0 | XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/29 | 23:22:32.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/29 | 23:22:34.0 | XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/06/29 | 23:22:36.0 | XRT_PREFLR_STRT_407_OG [0x197] MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/06/29 | 23:25:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/06/29 | 23:54:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/06/29 | 23:55:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/06/30 | 01:00:30.0 | XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 01:00:32.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 01:00:34.0 | XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/06/30 | 01:00:36.0 | XRT_PREFLR_STRT_407_OG [0x197] MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/06/30 | 01:03:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/06/30 | 01:31:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/06/30 | 01:32:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/06/30 | 01:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 01:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 01:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2021/06/30 | 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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|------------|------------|-----------------------------------|---|-------|----------------|
| 2021/06/30 | 02:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2021/06/30 | 02:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2021/06/30 | 02:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2021/06/30 | 02:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2021/06/30 | 02:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/06/30 | 02:02:56.0 | XRT_QT_PROG_SET_439_OG [0x1b7] | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 08 |
| 2021/06/30 | 02:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 |
| 2021/06/30 | 02:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/06/30 | 02:34:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 02:34:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 02:34:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/06/30 | 02:34:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/06/30 | 02:37:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/06/30 | 03:09:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/06/30 | 03:10:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/06/30 | 04:09:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 04:09:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 04:09:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/06/30 | 04:09:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/06/30 | 04:12:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/06/30 | 04:48:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/06/30 | 04:49:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/06/30 | 05:40:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 05:40:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 05:40:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/06/30 | 05:40:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/06/30 | 05:43:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/06/30 | 06:26:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/06/30 | 06:27:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/06/30 | 06:31:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 06:31:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 06:31:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2021/06/30 | 06:32:00.0 | AOCS_OrE-point_Start_2_OG [0x098] | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2021/06/30 | 06:32:18.0 | XRT_FLD_DIS_409_OG [0x199] | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2021/06/30 | 06:32:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2021/06/30 | 06:32:22.0 | XRT_ARS_DIS_420_OG [0x1a4] | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2021/06/30 | 06:34:58.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 10 |
| 2021/06/30 | 06:35:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/06/30 | 06:41:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 06:41:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 06:41:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2021/06/30 | 06:42:00.0 | AOCS_OrE-point_Start_1_OG [0x097] | | | |
| | | AOCU_NM | 5 | 02-76 | 03 00 00 00 00 |
| 2021/06/30 | 06:42:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2021/06/30 | 06:42:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2021/06/30 | 06:42:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2021/06/30 | 06:42:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2021/06/30 | 06:42:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/06/30 | 06:44:56.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 |

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|------------|------------|--------------------------------|---|-------|-------|
| 2021/06/30 | 06:44:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 |
| 2021/06/30 | 06:45:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/06/30 | 07:20:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 07:20:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 07:20:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/06/30 | 07:20:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/06/30 | 07:23:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/06/30 | 08:04:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/06/30 | 08:05:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/06/30 | 09:00:00.5 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 09:00:02.5 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 09:00:04.5 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/06/30 | 09:00:06.5 | XRT_PREFLR_STRT_407_OG [0x197] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/06/30 | 09:03:14.5 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/06/30 | 09:43:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/06/30 | 09:44:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/06/30 | 10:40:30.5 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 10:40:32.5 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 10:40:34.5 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/06/30 | 10:40:36.5 | XRT_PREFLR_STRT_407_OG [0x197] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/06/30 | 10:43:44.5 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/06/30 | 11:21:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/06/30 | 11:22:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/06/30 | 12:29:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 12:29:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 12:29:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/06/30 | 12:29:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/06/30 | 12:32:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/06/30 | 12:59:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/06/30 | 13:00:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/06/30 | 14:07:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 14:07:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 14:07:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/06/30 | 14:07:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/06/30 | 14:10:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/06/30 | 14:38:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/06/30 | 14:39:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/06/30 | 15:46:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 15:46:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 15:46:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/06/30 | 15:46:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/06/30 | 15:49:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/06/30 | 16:18:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/06/30 | 16:19:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/06/30 | 16:24:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 16:24:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 16:24:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/06/30 | 16:24:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/06/30 | 16:27:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/06/30 | 16:27:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |

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| 2021/06/30 | 16:28:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/06/30 | 16:41:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/06/30 | 16:41:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/06/30 | 16:41:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa | 00 |
| 2021/06/30 | 16:41:48.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2021/06/30 | 16:41:50.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2021/06/30 | 16:41:52.0 | XRT_ARS_DIS_420_OG [0x1a4] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2021/06/30 | 16:42:30.0 | AOCS_Ore-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 | 00 |
| 2021/06/30 | 16:44:28.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 10 |
| 2021/06/30 | 16:44:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/06/30 | 16:52:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/06/30 | 16:52:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/06/30 | 16:52:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 | 00 |
| 2021/06/30 | 16:52:30.0 | AOCS_Ore-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 01 00 00 00 | 00 |
| 2021/06/30 | 16:52:48.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2021/06/30 | 16:52:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2021/06/30 | 16:52:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2021/06/30 | 16:52:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2021/06/30 | 16:52:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/06/30 | 16:55:26.0 | XRT_QT_PROG_SET_445_OG [0x1bd] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 01 |
| 2021/06/30 | 16:55:28.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 |
| 2021/06/30 | 16:55:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/06/30 | 17:24:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/06/30 | 17:24:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/06/30 | 17:24:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/06/30 | 17:24:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/06/30 | 17:27:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/06/30 | 18:04:00.5 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2021/06/30 | 18:05:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/06/30 | 19:03:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/06/30 | 19:03:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/06/30 | 19:03:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/06/30 | 19:03:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/06/30 | 19:06:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/06/30 | 19:40:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2021/06/30 | 19:41:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/06/30 | 20:41:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/06/30 | 20:41:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/06/30 | 20:41:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/06/30 | 20:41:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/06/30 | 20:44:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/06/30 | 21:18:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2021/06/30 | 21:19:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/06/30 | 22:19:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/06/30 | 22:19:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/06/30 | 22:19:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/06/30 | 22:19:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/06/30 | 22:22:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |

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|------------|------------|-----------------------------------|---|-------|----------------|
| 2021/06/30 | 22:54:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/06/30 | 22:55:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/06/30 | 22:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 22:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 22:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2021/06/30 | 23:00:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | | | |
| | | AOCU_NM | 5 | 02-76 | 03 00 00 00 00 |
| 2021/06/30 | 23:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2021/06/30 | 23:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2021/06/30 | 23:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2021/06/30 | 23:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2021/06/30 | 23:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/06/30 | 23:02:56.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 |
| 2021/06/30 | 23:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 |
| 2021/06/30 | 23:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/06/30 | 23:58:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 23:58:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/06/30 | 23:58:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/06/30 | 23:58:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/07/01 | 00:01:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/07/01 | 00:28:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/07/01 | 00:29:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/01 | 01:36:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/01 | 01:36:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/01 | 01:36:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/01 | 01:36:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/07/01 | 01:39:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/07/01 | 01:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/01 | 01:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/01 | 01:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2021/07/01 | 02:00:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2021/07/01 | 02:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2021/07/01 | 02:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2021/07/01 | 02:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2021/07/01 | 02:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2021/07/01 | 02:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/01 | 02:02:56.0 | XRT_QT_PROG_SET_439_OG [0x1b7] | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 08 |
| 2021/07/01 | 02:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 |
| 2021/07/01 | 02:06:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/07/01 | 02:07:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/01 | 03:08:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/01 | 03:08:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/01 | 03:08:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/01 | 03:08:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/07/01 | 03:11:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/07/01 | 03:45:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/07/01 | 03:46:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/01 | 04:37:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/01 | 04:37:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/01 | 04:37:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |

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| 2021/07/01 | 04:37:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/07/01 | 04:40:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/07/01 | 05:23:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/07/01 | 05:24:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/07/01 | 05:49:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/07/01 | 05:49:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/07/01 | 05:49:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2021/07/01 | 05:49:30.0 | AOCS_Ore-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | |
| 2021/07/01 | 05:49:48.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2021/07/01 | 05:49:50.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2021/07/01 | 05:49:52.0 | XRT_ARS_DIS_420_OG [0x1a4] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2021/07/01 | 05:52:28.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 10 | |
| 2021/07/01 | 05:52:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/07/01 | 05:59:30.0 | AOCS_Ore-point_Start_4_OG [0x09a] | AOCU_NM | 5 | 02-76 | 00 00 00 af 1b | |
| 2021/07/01 | 06:16:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/07/01 | 06:16:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/07/01 | 06:16:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/07/01 | 06:16:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/07/01 | 06:19:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/07/01 | 07:02:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/07/01 | 07:03:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/07/01 | 07:56:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/07/01 | 07:56:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/07/01 | 07:56:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/07/01 | 07:56:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/07/01 | 07:59:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/07/01 | 08:40:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/07/01 | 08:41:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/07/01 | 09:36:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/07/01 | 09:36:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/07/01 | 09:36:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/07/01 | 09:36:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/07/01 | 09:39:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/07/01 | 09:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/07/01 | 09:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/07/01 | 09:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/07/01 | 10:00:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2021/07/01 | 10:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 03 00 00 00 00 | |
| 2021/07/01 | 10:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2021/07/01 | 10:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2021/07/01 | 10:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2021/07/01 | 10:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2021/07/01 | 10:02:56.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/07/01 | 10:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 | |
| 2021/07/01 | 10:18:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | |
| 2021/07/01 | 10:19:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CUSTOM_430_OG | 1 | 07-F0 | c0 | |
| 2021/07/01 | 11:17:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/07/01 | 11:17:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/07/01 | 11:17:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|--|--|--|--|--|
| 2021/07/01 | 11:17:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | | | |
| 2021/07/01 | 11:17:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | | | |
| 2021/07/01 | 11:20:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | | | |
| 2021/07/01 | 11:57:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | | | |
| 2021/07/01 | 11:58:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | | | |
| 2021/07/01 | 13:05:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | | |
| 2021/07/01 | 13:05:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | | |
| 2021/07/01 | 13:05:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | | | |
| 2021/07/01 | 13:05:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | | | |
| 2021/07/01 | 13:08:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | | | |
| 2021/07/01 | 13:35:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | | | |
| 2021/07/01 | 13:36:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | | | |
| 2021/07/01 | 14:43:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | | |
| 2021/07/01 | 14:43:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | | |
| 2021/07/01 | 14:43:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | | | |
| 2021/07/01 | 14:43:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | | | |
| 2021/07/01 | 14:46:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | | | |
| 2021/07/01 | 15:14:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | | | |
| 2021/07/01 | 15:15:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | | | |
| 2021/07/01 | 16:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | | |
| 2021/07/01 | 16:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | | |
| 2021/07/01 | 16:09:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | | | |
| 2021/07/01 | 16:10:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | | | |
| 2021/07/01 | 16:10:18.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | | | |
| 2021/07/01 | 16:10:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | | | |
| 2021/07/01 | 16:10:22.0 | XRT_ARS_DIS_420_OG [0x1a4] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | | | |
| 2021/07/01 | 16:12:58.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 10 | | | | | | |
| 2021/07/01 | 16:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | | | |
| 2021/07/01 | 16:19:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | | |
| 2021/07/01 | 16:19:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | | |
| 2021/07/01 | 16:19:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | | | |
| 2021/07/01 | 16:20:00.0 | AOCS_Ore-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 01 00 00 00 00 | | | | | | |
| 2021/07/01 | 16:20:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | | | |
| 2021/07/01 | 16:20:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | | | |
| 2021/07/01 | 16:20:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | | | |
| 2021/07/01 | 16:20:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | | | |
| 2021/07/01 | 16:20:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | | | |
| 2021/07/01 | 16:22:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | | |
| 2021/07/01 | 16:22:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | | |
| 2021/07/01 | 16:22:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | | | |
| 2021/07/01 | 16:22:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | | | |
| 2021/07/01 | 16:22:56.0 | XRT_QT_PROG_SET_445_OG [0x1bd] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 01 | | | | | | |
| 2021/07/01 | 16:22:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | | | | | | |
| 2021/07/01 | 16:25:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | | | |
| 2021/07/01 | 17:02:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | | | |
| 2021/07/01 | 17:03:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | | | |
| 2021/07/01 | 18:00:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | | |
| 2021/07/01 | 18:00:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | | |
| 2021/07/01 | 18:00:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | | | | |

| | | | | | | | | | | |
|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|--|--|--|
| 2021/07/01 | 18:00:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/01 | 18:03:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/01 | 18:39:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/01 | 18:40:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/01 | 19:38:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/01 | 19:38:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/01 | 19:38:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/01 | 19:38:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/01 | 19:41:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/01 | 20:16:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/01 | 20:17:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/01 | 21:17:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/01 | 21:17:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/01 | 21:17:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/01 | 21:17:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/01 | 21:20:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/01 | 21:53:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/01 | 21:54:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/01 | 22:55:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/01 | 22:55:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/01 | 22:55:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/01 | 22:55:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/01 | 22:58:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/01 | 22:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/01 | 22:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/01 | 22:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2021/07/01 | 23:00:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | AOCU_NM | 5 | 02-76 | 03 00 00 00 00 | | | | |
| 2021/07/01 | 23:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/07/01 | 23:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2021/07/01 | 23:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2021/07/01 | 23:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/07/01 | 23:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/01 | 23:02:56.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 | | | | |
| 2021/07/01 | 23:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | | | | |
| 2021/07/01 | 23:28:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/01 | 23:29:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/02 | 00:33:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/02 | 00:33:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/02 | 00:33:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/02 | 00:33:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/02 | 00:36:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/02 | 01:04:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/02 | 01:05:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/02 | 01:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/02 | 01:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/02 | 01:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2021/07/02 | 02:00:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2021/07/02 | 02:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/07/02 | 02:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|
| 2021/07/02 | 02:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| | | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2021/07/02 | 02:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2021/07/02 | 02:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/02 | 02:02:56.0 | XRT_QT_PROG_SET_439_OG [0x1b7] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 08 |
| 2021/07/02 | 02:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 |
| 2021/07/02 | 02:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/02 | 02:10:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/02 | 02:10:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/02 | 02:10:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/02 | 02:10:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/07/02 | 02:13:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/07/02 | 02:42:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/07/02 | 02:43:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/02 | 03:43:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/02 | 03:43:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/02 | 03:43:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/02 | 03:43:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/07/02 | 03:46:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/07/02 | 04:21:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/07/02 | 04:22:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/02 | 05:12:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/02 | 05:12:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/02 | 05:12:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/02 | 05:12:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/07/02 | 05:15:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/07/02 | 05:59:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/07/02 | 06:00:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/02 | 06:04:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/02 | 06:04:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/02 | 06:04:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2021/07/02 | 06:05:00.0 | AOCS_OrE-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2021/07/02 | 06:05:18.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2021/07/02 | 06:05:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2021/07/02 | 06:05:22.0 | XRT_ARS_DIS_420_OG [0x1a4] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2021/07/02 | 06:07:58.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 10 |
| 2021/07/02 | 06:08:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/02 | 06:14:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/02 | 06:14:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/02 | 06:14:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2021/07/02 | 06:15:00.0 | AOCS_OrE-point_Start_1_OG [0x097] | AOCU_NM | 5 | 02-76 | 03 00 00 00 00 |
| 2021/07/02 | 06:15:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2021/07/02 | 06:15:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2021/07/02 | 06:15:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2021/07/02 | 06:15:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2021/07/02 | 06:15:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/02 | 06:17:56.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 |
| 2021/07/02 | 06:17:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 |
| 2021/07/02 | 06:18:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|
| 2021/07/02 | 06:52:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/02 | 06:52:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/02 | 06:52:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/02 | 06:52:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/07/02 | 06:55:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/07/02 | 07:37:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/07/02 | 07:38:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/02 | 08:33:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/02 | 08:33:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/02 | 08:33:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/02 | 08:33:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/07/02 | 08:36:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/07/02 | 09:16:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/07/02 | 09:17:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/02 | 10:12:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/02 | 10:12:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/02 | 10:12:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/02 | 10:12:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/07/02 | 10:15:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/07/02 | 10:54:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/07/02 | 10:55:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/02 | 12:02:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/02 | 12:02:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/02 | 12:02:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/02 | 12:02:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/07/02 | 12:05:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/07/02 | 12:32:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/07/02 | 12:33:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/02 | 13:41:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/02 | 13:41:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/02 | 13:41:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/02 | 13:41:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/07/02 | 13:44:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/07/02 | 14:11:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/07/02 | 14:12:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/02 | 15:19:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/02 | 15:19:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/02 | 15:19:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/02 | 15:19:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/07/02 | 15:22:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/07/02 | 15:50:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/07/02 | 15:51:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/02 | 16:44:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/02 | 16:44:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/02 | 16:44:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2021/07/02 | 16:45:00.0 | AOCS_OrE-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2021/07/02 | 16:45:18.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2021/07/02 | 16:45:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2021/07/02 | 16:45:22.0 | XRT_ARS_DIS_420_OG [0x1a4] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |

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|------------|------------|------------------------------------|---|-------|----|-------------|--|--|--|
| 2021/07/02 | 16:47:58.0 | XRT_QT_PROG_SET_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0c | | | |
| 2021/07/02 | 16:48:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/02 | 16:54:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/02 | 16:54:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/02 | 16:54:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe 97 00 | | | |
| 2021/07/02 | 16:55:00.0 | AOCS_Or-e-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 01 | 00 00 00 00 | | | |
| 2021/07/02 | 16:55:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/07/02 | 16:55:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2021/07/02 | 16:55:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2021/07/02 | 16:55:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/07/02 | 16:55:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/02 | 16:57:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/02 | 16:57:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/02 | 16:57:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/02 | 16:57:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/02 | 16:57:56.0 | XRT_QT_PROG_SET_445_OG [0x1bd] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 01 | | | |
| 2021/07/02 | 16:57:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | | | |
| 2021/07/02 | 17:00:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/02 | 17:37:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/07/02 | 17:38:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/02 | 18:36:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/02 | 18:36:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/02 | 18:36:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/02 | 18:36:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/02 | 18:39:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/02 | 19:14:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/07/02 | 19:15:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/02 | 20:14:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/02 | 20:14:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/02 | 20:14:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/02 | 20:14:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/02 | 20:17:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/02 | 20:51:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/07/02 | 20:52:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/02 | 21:52:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/02 | 21:52:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/02 | 21:52:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/02 | 21:52:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/02 | 21:55:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/02 | 22:24:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/02 | 22:24:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/02 | 22:24:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe 97 00 | | | |
| 2021/07/02 | 22:25:00.0 | AOCS_Or-e-point_Start_5_OG [0x09b] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 08 00 01 f3 | | | |
| 2021/07/02 | 22:25:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/07/02 | 22:25:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2021/07/02 | 22:25:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2021/07/02 | 22:25:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/07/02 | 22:25:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |

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| 2021/07/02 | 22:27:56.0 | XRT_QT_PROG_SET_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 02 | | | |
| 2021/07/02 | 22:27:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | | | |
| 2021/07/02 | 22:28:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/07/02 | 22:29:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/02 | 23:31:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/02 | 23:31:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/02 | 23:31:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/02 | 23:31:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/02 | 23:34:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/03 | 00:03:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/07/03 | 00:04:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/03 | 01:09:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 01:09:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 01:09:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/03 | 01:09:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/03 | 01:12:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/03 | 01:39:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/07/03 | 01:40:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/03 | 01:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 01:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 01:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2021/07/03 | 02:00:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| 2021/07/03 | 02:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/07/03 | 02:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2021/07/03 | 02:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2021/07/03 | 02:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/07/03 | 02:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/03 | 02:02:56.0 | XRT_QT_PROG_SET_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 08 | | | |
| 2021/07/03 | 02:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | | | |
| 2021/07/03 | 02:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/03 | 02:43:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 02:43:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 02:43:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/03 | 02:43:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/03 | 02:46:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/03 | 03:18:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/07/03 | 03:19:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/03 | 04:18:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 04:18:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 04:18:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/03 | 04:18:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/03 | 04:21:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/03 | 04:56:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/07/03 | 04:57:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/03 | 05:22:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 05:22:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 05:22:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2021/07/03 | 05:22:30.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| 2021/07/03 | 05:22:48.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |

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|------------|------------|-----------------------------------|---|-------|----|----|----|----|----|
| 2021/07/03 | 05:22:50.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2021/07/03 | 05:22:52.0 | XRT_ARS_DIS_420_OG [0x1a4] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/07/03 | 05:25:28.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 10 | | | |
| 2021/07/03 | 05:25:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/03 | 05:32:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 05:32:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 05:32:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2021/07/03 | 05:32:30.0 | AOCS_Ore-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 03 | 00 | 00 | 00 | 00 |
| 2021/07/03 | 05:32:48.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/07/03 | 05:32:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2021/07/03 | 05:32:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2021/07/03 | 05:32:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/07/03 | 05:32:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/03 | 05:35:26.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 12 | | | |
| 2021/07/03 | 05:35:28.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | | | |
| 2021/07/03 | 05:35:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/03 | 05:49:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 05:49:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 05:49:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/03 | 05:49:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/03 | 05:52:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/03 | 06:35:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/07/03 | 06:36:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/03 | 07:29:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 07:29:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 07:29:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/03 | 07:29:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/03 | 07:32:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/03 | 08:13:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/07/03 | 08:14:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/03 | 09:09:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 09:09:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 09:09:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/03 | 09:09:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/03 | 09:12:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/03 | 09:51:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/07/03 | 09:52:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/03 | 10:49:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 10:49:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 10:49:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/03 | 10:49:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/03 | 10:52:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/03 | 11:30:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/07/03 | 11:31:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/03 | 12:38:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 12:38:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 12:38:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/03 | 12:38:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/03 | 12:41:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |

| | | | | | | | |
|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|
| 2021/07/03 | 13:08:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/07/03 | 13:09:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| 2021/07/03 | 14:16:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/07/03 | 14:16:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/07/03 | 14:16:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/07/03 | 14:16:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/07/03 | 14:19:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/07/03 | 14:46:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/07/03 | 14:47:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| 2021/07/03 | 15:55:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/07/03 | 15:55:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/07/03 | 15:55:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/07/03 | 15:55:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/07/03 | 15:58:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/07/03 | 16:27:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/07/03 | 16:28:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| 2021/07/03 | 16:30:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/07/03 | 16:30:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/07/03 | 16:30:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/07/03 | 16:30:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/07/03 | 16:33:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/07/03 | 16:36:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/07/03 | 16:37:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| 2021/07/03 | 16:50:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/07/03 | 16:50:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/07/03 | 16:50:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/07/03 | 16:51:00.0 | AOCS_OrE-point_Start_2_OG [0x098] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2021/07/03 | 16:51:18.0 | XRT_FLD_DIS_409_OG [0x199] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | |
| 2021/07/03 | 16:51:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2021/07/03 | 16:51:22.0 | XRT_ARS_DIS_420_OG [0x1a4] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2021/07/03 | 16:53:58.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2021/07/03 | 16:54:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 10 | |
| 2021/07/03 | 17:00:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/07/03 | 17:00:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/07/03 | 17:00:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/07/03 | 17:01:00.0 | AOCS_OrE-point_Start_3_OG [0x099] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2021/07/03 | 17:01:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 01 00 00 00 00 | |
| 2021/07/03 | 17:01:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2021/07/03 | 17:01:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2021/07/03 | 17:01:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2021/07/03 | 17:01:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2021/07/03 | 17:03:56.0 | XRT_QT_PROG_SET_445_OG [0x1bd] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/07/03 | 17:03:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 01 | |
| 2021/07/03 | 17:04:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | |
| 2021/07/03 | 17:33:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/07/03 | 17:33:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/07/03 | 17:33:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/07/03 | 17:33:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |

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|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2021/07/03 | 17:36:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/03 | 18:12:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/07/03 | 18:13:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/03 | 19:11:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 19:11:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 19:11:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/03 | 19:11:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/03 | 19:14:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/03 | 19:49:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/07/03 | 19:50:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/03 | 20:50:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 20:50:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 20:50:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/03 | 20:50:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/03 | 20:53:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/03 | 21:26:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/07/03 | 21:27:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/03 | 22:28:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 22:28:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 22:28:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/03 | 22:28:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/03 | 22:31:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/03 | 22:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 22:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/03 | 22:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2021/07/03 | 23:00:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 03 00 00 00 00 | | | | |
| 2021/07/03 | 23:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/07/03 | 23:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2021/07/03 | 23:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2021/07/03 | 23:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/07/03 | 23:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/03 | 23:02:56.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 | | | | |
| 2021/07/03 | 23:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | | | | |
| 2021/07/03 | 23:03:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/07/03 | 23:04:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/04 | 00:07:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 00:07:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 00:07:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/04 | 00:07:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/04 | 00:10:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/04 | 00:37:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/07/04 | 00:38:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/04 | 01:45:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 01:45:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 01:45:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/04 | 01:45:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/04 | 01:48:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/04 | 01:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 01:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |

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| | | | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----|----|----|----|----|
| 2021/07/04 | 01:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2021/07/04 | 02:00:00.0 | AACS_Ore-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| 2021/07/04 | 02:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/07/04 | 02:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2021/07/04 | 02:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2021/07/04 | 02:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/07/04 | 02:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/04 | 02:02:56.0 | XRT_QT_PROG_SET_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 08 | | | |
| 2021/07/04 | 02:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | | | |
| 2021/07/04 | 02:15:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/07/04 | 02:16:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/04 | 03:17:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 03:17:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 03:17:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/04 | 03:17:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/04 | 03:20:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/04 | 03:54:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/07/04 | 03:55:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/04 | 04:45:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 04:45:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 04:45:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/04 | 04:45:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/04 | 04:48:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/04 | 05:32:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/07/04 | 05:33:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/04 | 05:57:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 05:57:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 05:57:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2021/07/04 | 05:58:00.0 | AACS_Ore-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| 2021/07/04 | 05:58:18.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2021/07/04 | 05:58:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2021/07/04 | 05:58:22.0 | XRT_ARS_DIS_420_OG [0x1a4] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/07/04 | 06:00:58.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 10 | | | |
| 2021/07/04 | 06:01:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/04 | 06:07:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 06:07:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 06:07:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2021/07/04 | 06:08:00.0 | AACS_Ore-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 03 | 00 | 00 | 00 | 00 |
| 2021/07/04 | 06:08:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/07/04 | 06:08:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2021/07/04 | 06:08:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2021/07/04 | 06:08:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/07/04 | 06:08:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/04 | 06:10:56.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 12 | | | |
| 2021/07/04 | 06:10:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | | | |
| 2021/07/04 | 06:11:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/04 | 06:25:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 06:25:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |

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|------------|------------|-----------------------------------|---|-------|-------------|
| 2021/07/04 | 06:25:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/04 | 06:25:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/07/04 | 06:28:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/07/04 | 07:10:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/07/04 | 07:11:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/04 | 08:05:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/04 | 08:05:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/04 | 08:05:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/04 | 08:05:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/07/04 | 08:08:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/07/04 | 08:49:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/07/04 | 08:50:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/04 | 09:45:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/04 | 09:45:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/04 | 09:45:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/04 | 09:45:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/07/04 | 09:48:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/07/04 | 10:27:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/07/04 | 10:28:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/04 | 11:27:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/04 | 11:27:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/04 | 11:27:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/04 | 11:27:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/07/04 | 11:30:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/07/04 | 11:34:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/07/04 | 11:35:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/04 | 11:35:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/04 | 11:35:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/04 | 11:35:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/04 | 11:35:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/07/04 | 11:38:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/07/04 | 12:05:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/07/04 | 12:06:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/04 | 13:14:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/04 | 13:14:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/04 | 13:14:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/04 | 13:14:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/07/04 | 13:17:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/07/04 | 13:44:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/07/04 | 13:45:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/04 | 14:52:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/04 | 14:52:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/04 | 14:52:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/04 | 14:52:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/07/04 | 14:55:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/07/04 | 15:22:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/07/04 | 15:23:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/04 | 16:19:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/04 | 16:19:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/04 | 16:19:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |

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| | | | | | | | | | |
|------------|------------|---|---|-------|----|----|----|----|----|
| 2021/07/04 | 16:20:00.0 | AOCS_ORe-point_Start_2_OG [0x098] AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| 2021/07/04 | 16:20:18.0 | XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2021/07/04 | 16:20:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2021/07/04 | 16:20:22.0 | XRT_ARS_DIS_420_OG [0x1a4] MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/07/04 | 16:22:58.0 | XRT_QT_PROG_SET_441_OG [0x1b9] MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 10 | | | |
| 2021/07/04 | 16:23:00.0 | XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/04 | 16:29:54.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 16:29:56.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 16:29:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2021/07/04 | 16:30:00.0 | AOCS_ORe-point_Start_6_OG [0x09c] AOCU_NM | 5 | 02-76 | 04 | 00 | 00 | 00 | 00 |
| 2021/07/04 | 16:30:18.0 | XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/07/04 | 16:30:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2021/07/04 | 16:30:22.0 | XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2021/07/04 | 16:30:24.0 | XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/07/04 | 16:30:26.0 | XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/04 | 16:30:30.0 | XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 16:30:32.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 16:30:34.0 | XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/04 | 16:30:36.0 | XRT_PREFLR_STRT_407_OG [0x197] MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/04 | 16:32:56.0 | XRT_QT_PROG_SET_416_OG [0x1a0] MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 07 | | | |
| 2021/07/04 | 16:32:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | | | |
| 2021/07/04 | 16:33:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/04 | 17:11:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/07/04 | 17:12:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/04 | 18:09:00.0 | XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 18:09:02.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 18:09:04.0 | XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/04 | 18:09:06.0 | XRT_PREFLR_STRT_407_OG [0x197] MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/04 | 18:12:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/04 | 18:47:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/07/04 | 18:48:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/04 | 19:47:30.0 | XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 19:47:32.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 19:47:34.0 | XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/04 | 19:47:36.0 | XRT_PREFLR_STRT_407_OG [0x197] MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/04 | 19:50:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/04 | 20:24:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/07/04 | 20:25:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/04 | 21:26:00.0 | XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 21:26:02.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 21:26:04.0 | XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/04 | 21:26:06.0 | XRT_PREFLR_STRT_407_OG [0x197] MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/04 | 21:29:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/04 | 22:01:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/07/04 | 22:02:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/04 | 22:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 22:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 22:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2021/07/04 | 23:00:00.0 | AOCS_ORe-point_Start_1_OG [0x097] | | | | | | | |

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|------------|------------|-----------------------------------|---------|---|-------|----|----|----|----|----|
| 2021/07/04 | 23:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 03 | 00 | 00 | 00 | 00 |
| | | MDP_XRT_FLD_ENA | | 1 | 07-F0 | d8 | | | | |
| 2021/07/04 | 23:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | 1 | 07-F0 | c8 | | | | |
| | | MDP_XRT_FLRCTRL_ENA | | 1 | 07-F0 | d0 | | | | |
| 2021/07/04 | 23:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | 1 | 07-F0 | d0 | | | | |
| | | MDP_XRT_AEC_RESET | | 1 | 07-F0 | d5 | | | | |
| 2021/07/04 | 23:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | 1 | 07-F0 | d5 | | | | |
| | | MDP_XRT_ARS_DIS | | 1 | 07-F0 | da | | | | |
| 2021/07/04 | 23:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | 1 | 07-F0 | da | | | | |
| | | MDP_XRT_FLD_RESET | | 2 | 07-F0 | c4 | 12 | | | |
| 2021/07/04 | 23:02:56.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | | 2 | 07-F0 | c4 | 12 | | | |
| | | MDP_XRT_QT_PROG_SET | | 2 | 07-F0 | c5 | 04 | | | |
| 2021/07/04 | 23:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | 2 | 07-F0 | c5 | 04 | | | |
| | | MDP_XRT_FL_PROG_SET | | 1 | 07-F0 | c0 | | | | |
| 2021/07/04 | 23:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | 1 | 07-F0 | c0 | | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 23:04:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 23:04:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | da | | | | |
| 2021/07/04 | 23:04:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | da | | | | |
| | | MDP_XRT_FLD_RESET | | 1 | 07-F0 | e8 | | | | |
| 2021/07/04 | 23:04:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | 1 | 07-F0 | e8 | | | | |
| | | MDP_XRT_PREFLR_STRT | | 1 | 07-F0 | e9 | | | | |
| 2021/07/04 | 23:07:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | 1 | 07-F0 | e9 | | | | |
| | | MDP_XRT_PREFLR_STOP | | 1 | 07-F0 | c0 | | | | |
| 2021/07/04 | 23:37:00.0 | XRT_Custom_430_OG [0x1ae] | | 1 | 07-F0 | c1 | | | | |
| 2021/07/04 | 23:38:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | c1 | | | | |
| 2021/07/05 | 00:42:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | c1 | | | | |
| 2021/07/05 | 00:42:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | da | | | | |
| 2021/07/05 | 00:42:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | da | | | | |
| | | MDP_XRT_FLD_RESET | | 1 | 07-F0 | e8 | | | | |
| 2021/07/05 | 00:42:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | | 1 | 07-F0 | e8 | | | | |
| | | MDP_XRT_PREFLR_STRT | | 1 | 07-F0 | e9 | | | | |
| 2021/07/05 | 00:45:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | 1 | 07-F0 | e9 | | | | |
| | | MDP_XRT_PREFLR_STOP | | 1 | 07-F0 | c0 | | | | |
| 2021/07/05 | 01:12:30.0 | XRT_Custom_430_OG [0x1ae] | | 1 | 07-F0 | c1 | | | | |
| 2021/07/05 | 01:13:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | c1 | | | | |
| 2021/07/05 | 01:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | c1 | | | | |
| 2021/07/05 | 01:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_CTRL_MANU | | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2021/07/05 | 01:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2021/07/05 | 02:00:00.0 | XRT_FOCUS_POSITION | | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| | | AOCU_NM | | 1 | 07-F0 | d8 | | | | |
| 2021/07/05 | 02:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | 1 | 07-F0 | c8 | | | | |
| | | MDP_XRT_FLD_ENA | | 1 | 07-F0 | d0 | | | | |
| 2021/07/05 | 02:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | 1 | 07-F0 | d0 | | | | |
| | | MDP_XRT_FLRCTRL_ENA | | 1 | 07-F0 | d5 | | | | |
| 2021/07/05 | 02:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | 1 | 07-F0 | d5 | | | | |
| | | MDP_XRT_AEC_RESET | | 1 | 07-F0 | da | | | | |
| 2021/07/05 | 02:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | 1 | 07-F0 | da | | | | |
| | | MDP_XRT_ARS_DIS | | 2 | 07-F0 | c4 | 08 | | | |
| 2021/07/05 | 02:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | 2 | 07-F0 | c4 | 08 | | | |
| | | MDP_XRT_FLD_RESET | | 2 | 07-F0 | c5 | 04 | | | |
| 2021/07/05 | 02:02:56.0 | XRT_QT_PROG_SET_439_OG [0x1b7] | | 2 | 07-F0 | c5 | 04 | | | |
| | | MDP_XRT_QT_PROG_SET | | 1 | 07-F0 | c0 | | | | |
| 2021/07/05 | 02:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | 1 | 07-F0 | c0 | | | | |
| | | MDP_XRT_FL_PROG_SET | | 1 | 07-F0 | c1 | | | | |
| 2021/07/05 | 02:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | c1 | | | | |
| 2021/07/05 | 02:18:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | da | | | | |
| 2021/07/05 | 02:18:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | da | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | e8 | | | | |
| 2021/07/05 | 02:18:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | e8 | | | | |
| | | MDP_XRT_FLD_RESET | | 1 | 07-F0 | e9 | | | | |
| 2021/07/05 | 02:18:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | 1 | 07-F0 | e9 | | | | |
| | | MDP_XRT_PREFLR_STRT | | 1 | 07-F0 | c0 | | | | |
| 2021/07/05 | 02:21:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_PREFLR_STOP | | 1 | 07-F0 | c1 | | | | |
| 2021/07/05 | 02:51:00.0 | XRT_Custom_430_OG [0x1ae] | | 1 | 07-F0 | da | | | | |
| 2021/07/05 | 02:52:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | 1 | 07-F0 | da | | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | e8 | | | | |
| 2021/07/05 | 03:51:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | e8 | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | e9 | | | | |
| 2021/07/05 | 03:51:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | e9 | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | c0 | | | | |
| 2021/07/05 | 03:51:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_FLD_RESET | | 1 | 07-F0 | c1 | | | | |
| 2021/07/05 | 03:51:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | | 1 | 07-F0 | da | | | | |
| | | MDP_XRT_PREFLR_STRT | | 1 | 07-F0 | da | | | | |
| 2021/07/05 | 03:54:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | 1 | 07-F0 | e8 | | | | |
| | | MDP_XRT_PREFLR_STOP | | 1 | 07-F0 | e9 | | | | |
| 2021/07/05 | 04:29:30.0 | XRT_Custom_430_OG [0x1ae] | | 1 | 07-F0 | c0 | | | | |
| 2021/07/05 | 04:30:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | 1 | 07-F0 | c0 | | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | c0 | | | | |

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|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2021/07/05 | 05:21:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/05 | 05:21:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/05 | 05:21:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/05 | 05:21:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/05 | 05:24:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/05 | 06:08:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/07/05 | 06:09:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/05 | 06:13:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/05 | 06:13:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/05 | 06:13:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2021/07/05 | 06:13:30.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2021/07/05 | 06:13:48.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2021/07/05 | 06:13:50.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2021/07/05 | 06:13:52.0 | XRT_ARS_DIS_420_OG [0x1a4] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/07/05 | 06:16:28.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 10 | | | | |
| 2021/07/05 | 06:16:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/05 | 06:23:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/05 | 06:23:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/05 | 06:23:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2021/07/05 | 06:23:30.0 | AOCS_ORe-point_Start_7_OG [0x09d] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 d7 4c 01 f3 | | | | |
| 2021/07/05 | 06:23:48.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/07/05 | 06:23:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2021/07/05 | 06:23:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2021/07/05 | 06:23:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/07/05 | 06:23:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/05 | 06:26:26.0 | XRT_QT_PROG_SET_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 02 | | | | |
| 2021/07/05 | 06:26:28.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | | | | |
| 2021/07/05 | 06:26:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/05 | 07:01:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/05 | 07:01:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/05 | 07:01:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/05 | 07:01:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/05 | 07:04:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/05 | 07:46:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/07/05 | 07:47:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/05 | 08:42:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/05 | 08:42:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/05 | 08:42:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/07/05 | 08:42:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/07/05 | 08:45:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/07/05 | 09:24:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/05 | 09:24:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/05 | 09:24:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2021/07/05 | 09:25:00.0 | AOCS_ORe-point_Start_8_OG [0x09e] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 3d 3f 01 f3 | | | | |
| 2021/07/05 | 09:25:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/07/05 | 09:25:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2021/07/05 | 09:25:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2021/07/05 | 09:25:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |

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|------------|------------|-----------------------------------|-----------------------|---|-------|----------------|
| 2021/07/05 | 09:25:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2021/07/05 | 09:27:56.0 | XRT_QT_PROG_SET_414_OG [0x19e] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/05 | 09:27:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 02 |
| 2021/07/05 | 09:28:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 |
| 2021/07/05 | 10:21:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/05 | 10:21:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/05 | 10:21:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/05 | 10:21:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/05 | 10:24:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/07/05 | 11:03:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/07/05 | 11:04:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CUSTOM_430_OG | 1 | 07-F0 | c0 |
| 2021/07/05 | 12:04:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/05 | 12:04:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/05 | 12:04:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/05 | 12:05:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2021/07/05 | 12:05:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2021/07/05 | 12:05:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2021/07/05 | 12:05:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2021/07/05 | 12:05:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2021/07/05 | 12:05:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2021/07/05 | 12:07:56.0 | XRT_QT_PROG_SET_439_OG [0x1b7] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/05 | 12:07:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 08 |
| 2021/07/05 | 12:08:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 |
| 2021/07/05 | 12:11:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/05 | 12:11:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/05 | 12:11:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/05 | 12:11:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/05 | 12:14:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/07/05 | 12:41:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/07/05 | 12:42:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CUSTOM_430_OG | 1 | 07-F0 | c0 |
| 2021/07/05 | 13:49:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/05 | 13:49:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/05 | 13:49:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/05 | 13:49:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/05 | 13:52:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/07/05 | 14:19:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/07/05 | 14:20:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CUSTOM_430_OG | 1 | 07-F0 | c0 |
| 2021/07/05 | 15:28:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/05 | 15:28:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/05 | 15:28:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/05 | 15:28:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/05 | 15:31:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/07/05 | 15:59:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/07/05 | 16:00:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CUSTOM_430_OG | 1 | 07-F0 | c0 |
| 2021/07/05 | 16:49:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/05 | 16:49:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/05 | 16:49:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/05 | 16:50:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| | | AOCU_NM | | 5 | 02-76 | 00 00 00 00 00 |

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|------------|------------|-----------------------------------|---|-------|----------------|
| 2021/07/05 | 16:50:18.0 | XRT_FLD_DIS_409_OG [0x199] | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2021/07/05 | 16:50:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2021/07/05 | 16:50:22.0 | XRT_ARS_DIS_420_OG [0x1a4] | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2021/07/05 | 16:52:58.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 10 |
| 2021/07/05 | 16:53:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/05 | 16:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/05 | 16:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/05 | 16:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2021/07/05 | 17:00:00.0 | AOCS_ORe-point_Start_9_OG [0x09f] | | | |
| | | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 |
| 2021/07/05 | 17:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2021/07/05 | 17:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2021/07/05 | 17:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2021/07/05 | 17:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2021/07/05 | 17:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/05 | 17:02:56.0 | XRT_QT_PROG_SET_416_OG [0x1a0] | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 07 |
| 2021/07/05 | 17:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 |
| 2021/07/05 | 17:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/05 | 17:06:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/05 | 17:06:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/05 | 17:06:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/05 | 17:06:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/07/05 | 17:09:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/07/05 | 17:46:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/07/05 | 17:47:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/05 | 18:45:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/05 | 18:45:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/05 | 18:45:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/05 | 18:45:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/07/05 | 18:48:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/07/05 | 19:23:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/07/05 | 19:24:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/05 | 20:23:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/05 | 20:23:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/05 | 20:23:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/05 | 20:23:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/07/05 | 20:26:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/07/05 | 20:59:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/07/05 | 21:00:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/05 | 22:01:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/05 | 22:01:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/05 | 22:01:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/07/05 | 22:01:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/07/05 | 22:04:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/07/05 | 22:36:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/07/05 | 22:37:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/07/05 | 22:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/05 | 22:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/07/05 | 22:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2021/07/05 | 23:00:00.0 | AOCS_ORe-point_Start_1_OG [0x097] | | | |

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|------------|------------|-----------------------------------|---------|---|-------|----|----|----|----|----|
| 2021/07/05 | 23:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 03 | 00 | 00 | 00 | 00 |
| | | MDP_XRT_FLD_ENA | | 1 | 07-F0 | | d8 | | | |
| 2021/07/05 | 23:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | 1 | 07-F0 | | c8 | | | |
| | | MDP_XRT_FLRCTRL_ENA | | 1 | 07-F0 | | c8 | | | |
| 2021/07/05 | 23:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | 1 | 07-F0 | | d0 | | | |
| | | MDP_XRT_AEC_RESET | | 1 | 07-F0 | | d0 | | | |
| 2021/07/05 | 23:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | 1 | 07-F0 | | d5 | | | |
| | | MDP_XRT_ARS_DIS | | 1 | 07-F0 | | d5 | | | |
| 2021/07/05 | 23:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | 1 | 07-F0 | | da | | | |
| | | MDP_XRT_FLD_RESET | | 1 | 07-F0 | | da | | | |
| 2021/07/05 | 23:02:56.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | | 2 | 07-F0 | | c4 | 12 | | |
| | | MDP_XRT_QT_PROG_SET | | 2 | 07-F0 | | c4 | 12 | | |
| 2021/07/05 | 23:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | 2 | 07-F0 | | c5 | 04 | | |
| | | MDP_XRT_FL_PROG_SET | | 2 | 07-F0 | | c5 | 04 | | |
| 2021/07/05 | 23:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | 1 | 07-F0 | | c0 | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | | c0 | | | |
| 2021/07/05 | 23:40:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | | c1 | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | | c1 | | | |
| 2021/07/05 | 23:40:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | | c1 | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | | c1 | | | |
| 2021/07/05 | 23:40:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | | da | | | |
| | | MDP_XRT_FLD_RESET | | 1 | 07-F0 | | da | | | |
| 2021/07/05 | 23:40:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | 1 | 07-F0 | | e8 | | | |
| | | MDP_XRT_PREFLR_STRT | | 1 | 07-F0 | | e8 | | | |
| 2021/07/05 | 23:43:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | 1 | 07-F0 | | e9 | | | |
| | | MDP_XRT_PREFLR_STOP | | 1 | 07-F0 | | e9 | | | |
| 2021/07/06 | 00:11:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2021/07/06 | 00:12:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | 1 | 07-F0 | | c0 | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | | c0 | | | |
| 2021/07/06 | 01:18:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | | c1 | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | | c1 | | | |
| 2021/07/06 | 01:18:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | | c1 | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | | c1 | | | |
| 2021/07/06 | 01:18:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | | da | | | |
| | | MDP_XRT_FLD_RESET | | 1 | 07-F0 | | da | | | |
| 2021/07/06 | 01:18:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | | 1 | 07-F0 | | e8 | | | |
| | | MDP_XRT_PREFLR_STRT | | 1 | 07-F0 | | e8 | | | |
| 2021/07/06 | 01:21:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | 1 | 07-F0 | | e9 | | | |
| | | MDP_XRT_PREFLR_STOP | | 1 | 07-F0 | | e9 | | | |
| 2021/07/06 | 01:48:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2021/07/06 | 01:49:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | 1 | 07-F0 | | c0 | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | | c0 | | | |
| 2021/07/06 | 01:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | | c1 | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | | c1 | | | |
| 2021/07/06 | 01:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | | c1 | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | | c1 | | | |
| 2021/07/06 | 01:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | 4 | 07-F8 | 22 | ff | aa | 00 | |
| | | XRT_FOCUS_POSITION | | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2021/07/06 | 02:00:00.0 | AOCs_OrE-point_Start_2_OG [0x098] | | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| | | AOCU_NM | | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| 2021/07/06 | 02:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | 1 | 07-F0 | | d8 | | | |
| | | MDP_XRT_FLD_ENA | | 1 | 07-F0 | | d8 | | | |
| 2021/07/06 | 02:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | 1 | 07-F0 | | c8 | | | |
| | | MDP_XRT_FLRCTRL_ENA | | 1 | 07-F0 | | c8 | | | |
| 2021/07/06 | 02:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | 1 | 07-F0 | | d0 | | | |
| | | MDP_XRT_AEC_RESET | | 1 | 07-F0 | | d0 | | | |
| 2021/07/06 | 02:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | 1 | 07-F0 | | d5 | | | |
| | | MDP_XRT_ARS_DIS | | 1 | 07-F0 | | d5 | | | |
| 2021/07/06 | 02:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | 1 | 07-F0 | | da | | | |
| | | MDP_XRT_FLD_RESET | | 1 | 07-F0 | | da | | | |
| 2021/07/06 | 02:02:56.0 | XRT_QT_PROG_SET_439_OG [0x1b7] | | 2 | 07-F0 | | c4 | 08 | | |
| | | MDP_XRT_QT_PROG_SET | | 2 | 07-F0 | | c4 | 08 | | |
| 2021/07/06 | 02:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | 2 | 07-F0 | | c5 | 04 | | |
| | | MDP_XRT_FL_PROG_SET | | 2 | 07-F0 | | c5 | 04 | | |
| 2021/07/06 | 02:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | 1 | 07-F0 | | c0 | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | | c0 | | | |
| 2021/07/06 | 02:51:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | | c1 | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | | c1 | | | |
| 2021/07/06 | 02:51:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | | c1 | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | | c1 | | | |
| 2021/07/06 | 02:51:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | | da | | | |
| | | MDP_XRT_FLD_RESET | | 1 | 07-F0 | | da | | | |
| 2021/07/06 | 02:51:06.0 | XRT_PREFLR_STRT_407_OG [0x197] | | 1 | 07-F0 | | e8 | | | |
| | | MDP_XRT_PREFLR_STRT | | 1 | 07-F0 | | e8 | | | |
| 2021/07/06 | 02:54:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | 1 | 07-F0 | | e9 | | | |
| | | MDP_XRT_PREFLR_STOP | | 1 | 07-F0 | | e9 | | | |
| 2021/07/06 | 03:26:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2021/07/06 | 03:27:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | 1 | 07-F0 | | c0 | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | | c0 | | | |
| 2021/07/06 | 04:24:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | | c1 | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | | c1 | | | |
| 2021/07/06 | 04:24:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | | c1 | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | | c1 | | | |
| 2021/07/06 | 04:24:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | | da | | | |
| | | MDP_XRT_FLD_RESET | | 1 | 07-F0 | | da | | | |
| 2021/07/06 | 04:24:36.0 | XRT_PREFLR_STRT_407_OG [0x197] | | 1 | 07-F0 | | e8 | | | |
| | | MDP_XRT_PREFLR_STRT | | 1 | 07-F0 | | e8 | | | |
| 2021/07/06 | 04:27:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | 1 | 07-F0 | | e9 | | | |
| | | MDP_XRT_PREFLR_STOP | | 1 | 07-F0 | | e9 | | | |
| 2021/07/06 | 05:05:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2021/07/06 | 05:06:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | 1 | 07-F0 | | c0 | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | | c0 | | | |

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| 2021/07/06 | 05:31:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/06 | 05:31:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/06 | 05:31:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2021/07/06 | 05:31:30.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2021/07/06 | 05:31:48.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2021/07/06 | 05:31:50.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2021/07/06 | 05:31:52.0 | XRT_ARS_DIS_420_OG [0x1a4] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/07/06 | 05:34:28.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 10 | | | | |
| 2021/07/06 | 05:34:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/07/06 | 05:41:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/07/06 | 05:41:30.0 | AOCS_ORe-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 03 00 00 00 00 | | | | |
| 2021/07/06 | 12:04:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |