

XRT Timeline to be uploaded on 2021/12/07

Period: 2021/12/07 11:42:00 - 2021/12/15 11:00:00

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Normal mode

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| XOB #1C09: HOP81/206 2-filter - Al/poly 6s, Al/mesh 4s 60s cadence, G-band - 384x384 1ms | | | | | | | | | | | | | |
|--|------------------------|-----------------------------------|-------|------|-------|-------|-----|-----|----------------------|-------|------------|----------|--------|
| Term | Pointing (x, y) | Comment | | | | | | | | | | | |
| 12/07 11:55:00 - 12/07 17:45:30 | Fixed (-23.0, 865.0) | # OP start + 10min HOP81 N-pole | | | | | | | | | | | |
| 12/09 11:03:00 - 12/09 18:12:54 | Fixed (-23.0, -955.0) | HOP81 S-pole | | | | | | | | | | | |
| PROG= 06 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 60-time(s) 60.0sec | | | | | | | | | | | | | |
| └─ Seqn= 57 1-time(s) 30.0sec | | | | | | | | | | | | | |
| | Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 4.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=90 | 0 | 0 | 2.0sec |
| | Al-poly/Open | Al-poly/Open | close | Safe | Norm | 5.66s | 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 #1C9E: Synoptic Q95 2x2 - Al/mesh(24/256/2897) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(45/512/4096) + T | | | | | | | | | | | | |
|---|-------------------|-----------------------------|--|--|--|--|--|--|--|--|--|--|
| Term | Pointing (x, y) | Comment | | | | | | | | | | |
| 12/07 18:12:00 - 12/07 18:18:54 | Fixed (0.0, 0.0) | synoptic, shifted 9.0 min | | | | | | | | | | |
| 12/08 05:41:00 - 12/08 05:47:54 | Fixed (0.0, 0.0) | synoptic, shifted -22.0 min | | | | | | | | | | |
| 12/09 06:03:00 - 12/09 06:09:54 | Fixed (0.0, 0.0) | synoptic | | | | | | | | | | |
| 12/09 18:16:00 - 12/09 18:22:54 | Fixed (0.0, 0.0) | synoptic, shifted 13.0 min | | | | | | | | | | |
| 12/10 06:34:00 - 12/10 06:40:54 | Fixed (0.0, 0.0) | synoptic, shifted 31.0 min | | | | | | | | | | |
| 12/10 18:20:30 - 12/10 18:27:24 | Fixed (0.0, 0.0) | synoptic, shifted 17.5 min | | | | | | | | | | |
| 12/11 05:49:30 - 12/11 05:56:24 | Fixed (0.0, 0.0) | synoptic, shifted -13.5 min | | | | | | | | | | |
| 12/11 18:03:00 - 12/11 18:09:54 | Fixed (0.0, 0.0) | synoptic | | | | | | | | | | |
| 12/12 06:07:00 - 12/12 06:13:54 | Fixed (0.0, 0.0) | synoptic, shifted 4.0 min | | | | | | | | | | |
| 12/12 18:24:30 - 12/12 18:31:24 | Fixed (0.0, 0.0) | synoptic, shifted 21.5 min | | | | | | | | | | |
| 12/13 06:42:30 - 12/13 06:49:24 | Fixed (0.0, 0.0) | synoptic, shifted 39.5 min | | | | | | | | | | |
| 12/14 05:58:30 - 12/14 06:05:24 | Fixed (0.0, 0.0) | synoptic, shifted -4.5 min | | | | | | | | | | |

| PROG= 18 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= 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= 84 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | thin-Be/Open | thin-Be/Open | close | Safe | Norm | 354ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| | thin-Be/Open | thin-Be/Open | close | Safe | Norm | 2.83s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| | thin-Be/Open | thin-Be/Open | close | Safe | Norm | 16.0s | 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 #1BD7: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 900s cad (G-band/Leak last) | | | | | | | | | | | | | |
|--|---|-----------------------|-------|------|-------|-------|-----|-----|------------------------|-------|------------|----------|--------|
| Term | Pointing (x, y) | Comment | | | | | | | | | | | |
| 12/07 18:26:30 - 12/08 01:59:54 | Track (-99.0, -561.9) @ 12/07 18:19:00 | # Edge of CH tracking | | | | | | | | | | | |
| PROG= 16 Inf.-time(s) | | | | | | | | | | | | | |
| └─ Subr= 1 8-time(s) 900.0sec | | | | | | | | | | | | | |
| └─ 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 |
| └─ Subr= 2 1-time(s) 2.0sec | | | | | | | | | | | | | |
| └─ Seqn= 30 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 512x512 (1024, 1024) | Q=90 | 0 | 0 | 2.0sec |
| | Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 512x512 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| | Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

XOB #1BE2: HOP349 - 3-filter Synoptics (Al-mesh[24/256/2897], Al-poly[45/512/4096], thin-Be[1024/11571/23142] with 512x512 G-band+Leak - 90min cad) +

| Term | Pointing (x, y) | Comment |
|---------------------------------|-------------------|----------------|
| 12/08 02:03:00 - 12/08 05:37:54 | Fixed (0.0, 0.0) | HOP349 for XRT |
| 12/09 02:03:00 - 12/09 05:59:54 | Fixed (0.0, 0.0) | HOP349 for XRT |
| 12/10 02:12:00 - 12/10 06:30:54 | Fixed (0.0, 0.0) | HOP349 for XRT |
| 12/11 03:43:00 - 12/11 05:46:24 | Fixed (0.0, 0.0) | HOP349 for XRT |
| 12/12 02:03:00 - 12/12 06:03:54 | Fixed (0.0, 0.0) | HOP349 for XRT |
| 12/13 02:03:00 - 12/13 06:39:24 | Fixed (0.0, 0.0) | HOP349 for XRT |
| 12/14 02:15:30 - 12/14 05:55:24 | Fixed (0.0, 0.0) | HOP349 for XRT |

PROG= 07 Inf.-time(s)

| Subr= 1 | | 1-time(s) | 300.0sec | | | | | | | | | | |
|----------------|------------------|------------|-----------|-------|------|-----|-----------|--------------------|-------|------------|----------|--------|--|
| 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= 33 | | 1-time(s) | 2.0sec | | | | | | | | | | |
| thin-Be/Open | thin-Be/Open | close | Safe Norm | 1.00s | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=95 | 0 | 0 | 2.0sec | |
| thin-Be/Open | thin-Be/Open | close | Safe Norm | 11.3s | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=95 | 0 | 0 | 2.0sec | |
| thin-Be/Open | thin-Be/Open | close | Safe Norm | 22.6s | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=95 | 0 | 0 | 2.0sec | |
| Seqn= 30 | | 1-time(s) | 2.0sec | | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe Norm | 1ms | Obs | 1x1 | 512x512 | (1024, 1024) | Q=90 | 0 | 0 | 2.0sec | |
| Open/G-band | Open/G-band | close | Safe Norm | 1ms | Obs | 1x1 | 512x512 | (1024, 1024) | Q=95 | 0 | 0 | 2.0sec | |
| Subr= 2 | | 18-time(s) | 300.0sec | | | | | | | | | | |
| 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 #1BFE: 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 |
|---------------------------------|--|------------------|
| 12/08 05:55:30 - 12/08 17:56:24 | Track (-258.5, -489.9) @ 12/08 05:48:00 | # Track AR 12904 |
| 12/08 18:09:30 - 12/09 01:59:54 | Track (-165.6, -489.0) @ 12/08 18:06:30 | # Track AR 12904 |
| 12/09 18:26:00 - 12/10 01:59:54 | Track (22.8, -487.2) @ 12/09 18:23:00 | # Track AR 12904 |
| 12/10 06:44:00 - 12/10 17:54:00 | Track (118.4, -486.3) @ 12/10 06:41:00 | # Track AR 12904 |
| 12/10 18:36:00 - 12/10 23:59:54 | Track (208.5, -485.5) @ 12/10 18:27:30 | # Track AR 12904 |
| 12/11 06:04:30 - 12/11 17:59:54 | Track (294.0, -484.7) @ 12/11 05:56:30 | # Track AR 12904 |
| 12/11 18:13:00 - 12/12 01:59:54 | Track (381.4, -484.1) @ 12/11 18:10:00 | # Track AR 12904 |
| 12/12 18:34:30 - 12/13 01:59:54 | Track (539.8, -483.3) @ 12/12 18:31:30 | # Track AR 12904 |
| 12/13 06:52:30 - 12/13 09:59:54 | Track (609.8, -483.2) @ 12/13 06:49:30 | # Track AR 12904 |
| 12/13 17:51:00 - 12/14 01:59:54 | Track (665.7, -483.3) @ 12/13 17:48:00 | # Track AR 12904 |
| 12/14 06:08:30 - 12/14 11:49:20 | Track (720.0, -483.7) @ 12/14 06:05:30 | # Track AR 12904 |

PROG= 09 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 | | 4-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= 77 | | 4-time(s) | 300.0sec | | | | | | | | | | |
| 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 | 95.0sec | |
| 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 | 95.0sec | |
| 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 #1C9F: Synoptic 7 Filter w/ Al-mesh(24/256/2897), Al-poly(45/512/4096), Thin-Be(362/3897/16384) - Thick-Be(65536), Al-poly+Ti-poly(256/5795), Med-Al

| Term | Pointing (x, y) | Comment |
|---------------------------------|-------------------|-----------------------------|
| 12/08 17:59:30 - 12/08 18:06:24 | Fixed (0.0, 0.0) | synoptic, shifted -3.5 min |
| 12/13 17:42:26 - 12/13 17:47:54 | Fixed (0.0, 0.0) | synoptic, shifted -22.0 min |

| PROG= 03 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= 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= 84 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | thin-Be/Open | thin-Be/Open | close | Safe | Norm | 354ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| | thin-Be/Open | thin-Be/Open | close | Safe | Norm | 2.83s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| | thin-Be/Open | thin-Be/Open | close | Safe | Norm | 16.0s | 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= 2 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | med-Al/Open | med-Al/Open | close | Safe | Norm | 4.00s | 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= 13 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | Al-poly/Ti-poly | Al-poly/thick-Al | close | Safe | Norm | 250ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| | Al-poly/Ti-poly | Al-poly/thick-Al | close | Safe | Norm | 5.66s | 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 #1CC1: HOP361- High cadence (10s thin-Be only) 256x256 at 1064 1048

| Term | Pointing (x, y) | Comment |
|---------------------------------|--|------------------|
| 12/09 06:13:00 - 12/09 10:59:54 | Track (-72.5, -488.1) ^{Ⓜ 12/09 06:10:00} | # Track AR 12904 |
| 12/12 06:17:00 - 12/12 18:21:24 | Track (462.8, -483.6) ^{Ⓜ 12/12 06:14:00} | # Track AR 12904 |

PROG= 14 Inf.-time(s)

| Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | | |
|------------------------------|----------------|----------------|-------|------|-------|-------|-----|-----|----------------------|-------|------------|----------|--------|
| Seqn= 67 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 16.0s | Obs | 1x1 | 384x384 (1064, 1048) | Q=98 | 0 | 0 | 2.0sec |
| | Open/G-band | Open/G-band | open | Safe | Norm | 44ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=98 | 0 | 0 | 2.0sec |
| Seqn= 43 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | Open/G-band | Open/G-band | close | Safe | Norm | 63ms | Obs | 1x1 | 384x384 (1064, 1048) | DPCM | 0 | 0 | 2.0sec |
| Subr= 2 1-time(s) 2.0sec | | | | | | | | | | | | | |
| Seqn= 28 250-time(s) 10.0sec | | | | | | | | | | | | | |
| | thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 1x1 | 256x256 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| | Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

XOB #1C6E: HOP336 1-filter - Al/poly -384x384, 1024ms and 8192s, 300s-cadence, G-band - 384x384 1ms

| Term | Pointing (x, y) | Comment |
|---------------------------------|---|---------|
| 12/11 00:03:00 - 12/11 03:21:30 | Track (-37.3, -27.2) ^{Ⓜ 12/11 00:00:00} | HOP393 |

PROG= 05 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 3-time(s) 2.0sec | | | | | | | | | | | | | |
| Seqn= 72 1-time(s) 300.0sec | | | | | | | | | | | | | |
| | Al-poly/Open | Al-poly/Ti-poly | close | Safe | Norm | 8.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=90 | 0 | 0 | 2.0sec |
| | Al-poly/Open | Al-poly/Open | close | Safe | Norm | 1.00s | 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 #1C3D: HOP336 1-filter - Al/poly -384x384, 256ms and 4s, 60s-cadence, G-band - 384x384 1ms

| Term | Pointing (x, y) | Comment |
|---------------------------------|------------------------|----------------|
| 12/13 10:03:00 - 12/13 13:29:54 | Fixed (-23.0, 536.0) | HOP336 N-hemi. |
| 12/13 13:33:00 - 12/13 17:37:54 | Fixed (-23.0, -654.0) | HOP336 S-hemi. |

PROG= 20 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= 64 | 1-time(s) | 60.0sec | | | | | | | | | | |
| └─ Al-poly/Open | Al-poly/Open | close | Safe | Norm | 4.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=90 | 0 | 0 | 2.0sec |
| └─ Al-poly/Open | Al-poly/Open | close | Safe | Norm | 250ms | 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 | |

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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 |
|---------------------------------|--|-----------------------------------|
| 12/07 11:55:00 - 12/07 17:45:30 | Fixed (-23.0, 865.0) | # OP start + 10min HOP81 N-pole |
| 12/07 18:26:30 - 12/08 01:59:54 | Track (-99.0, -561.9) @ 12/07 18:19:00 | # Edge of CH tracking |
| 12/08 02:03:00 - 12/08 05:37:54 | Fixed (0.0, 0.0) | HOP349 for XRT |
| 12/08 05:55:30 - 12/08 17:56:24 | Track (-258.5, -489.9) @ 12/08 05:48:00 | # Track AR 12904 |
| 12/08 18:09:30 - 12/09 01:59:54 | Track (-165.6, -489.0) @ 12/08 18:06:30 | # Track AR 12904 |
| 12/09 02:03:00 - 12/09 05:59:54 | Fixed (0.0, 0.0) | HOP349 for XRT |
| 12/09 11:03:00 - 12/09 18:12:54 | Fixed (-23.0, -955.0) | HOP81 S-pole |
| 12/09 18:26:00 - 12/10 01:59:54 | Track (22.8, -487.2) @ 12/09 18:23:00 | # Track AR 12904 |
| 12/10 02:12:00 - 12/10 06:30:54 | Fixed (0.0, 0.0) | HOP349 for XRT |
| 12/10 06:44:00 - 12/10 17:54:00 | Track (118.4, -486.3) @ 12/10 06:41:00 | # Track AR 12904 |
| 12/10 18:36:00 - 12/10 23:59:54 | Track (208.5, -485.5) @ 12/10 18:27:30 | # Track AR 12904 |
| 12/11 00:03:00 - 12/11 03:21:30 | Track (-37.3, -27.2) @ 12/11 00:00:00 | HOP393 |
| 12/11 03:43:00 - 12/11 05:46:24 | Fixed (0.0, 0.0) | HOP349 for XRT |
| 12/11 06:04:30 - 12/11 17:59:54 | Track (294.0, -484.7) @ 12/11 05:56:30 | # Track AR 12904 |
| 12/11 18:13:00 - 12/12 01:59:54 | Track (381.4, -484.1) @ 12/11 18:10:00 | # Track AR 12904 |
| 12/12 02:03:00 - 12/12 06:03:54 | Fixed (0.0, 0.0) | HOP349 for XRT |
| 12/12 18:34:30 - 12/13 01:59:54 | Track (539.8, -483.3) @ 12/12 18:31:30 | # Track AR 12904 |
| 12/13 02:03:00 - 12/13 06:39:24 | Fixed (0.0, 0.0) | HOP349 for XRT |
| 12/13 06:52:30 - 12/13 09:59:54 | Track (609.8, -483.2) @ 12/13 06:49:30 | # Track AR 12904 |
| 12/13 10:03:00 - 12/13 13:29:54 | Fixed (-23.0, 536.0) | HOP336 N-hemi. |
| 12/13 13:33:00 - 12/13 17:37:54 | Fixed (-23.0, -654.0) | HOP336 S-hemi. |
| 12/13 17:51:00 - 12/14 01:59:54 | Track (665.7, -483.3) @ 12/13 17:48:00 | # Track AR 12904 |
| 12/14 02:15:30 - 12/14 05:55:24 | Fixed (0.0, 0.0) | HOP349 for XRT |
| 12/14 06:08:30 - 12/14 11:49:20 | Track (720.0, -483.7) @ 12/14 06:05:30 | # Track AR 12904 |

| | | | | | | | | | | | | |
|------------------|-------------------|---------|------|-------|-------|-----|-----|----------------------|-------|------------|----------|--------|
| 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

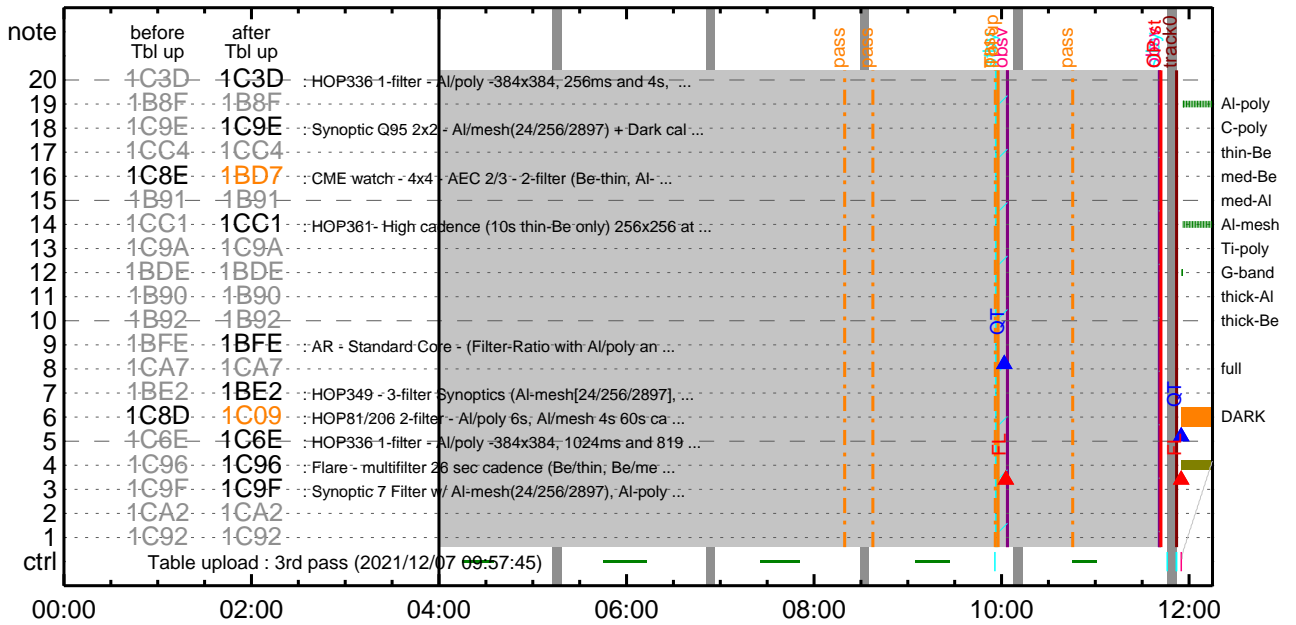
* * * * *

Flare Detection

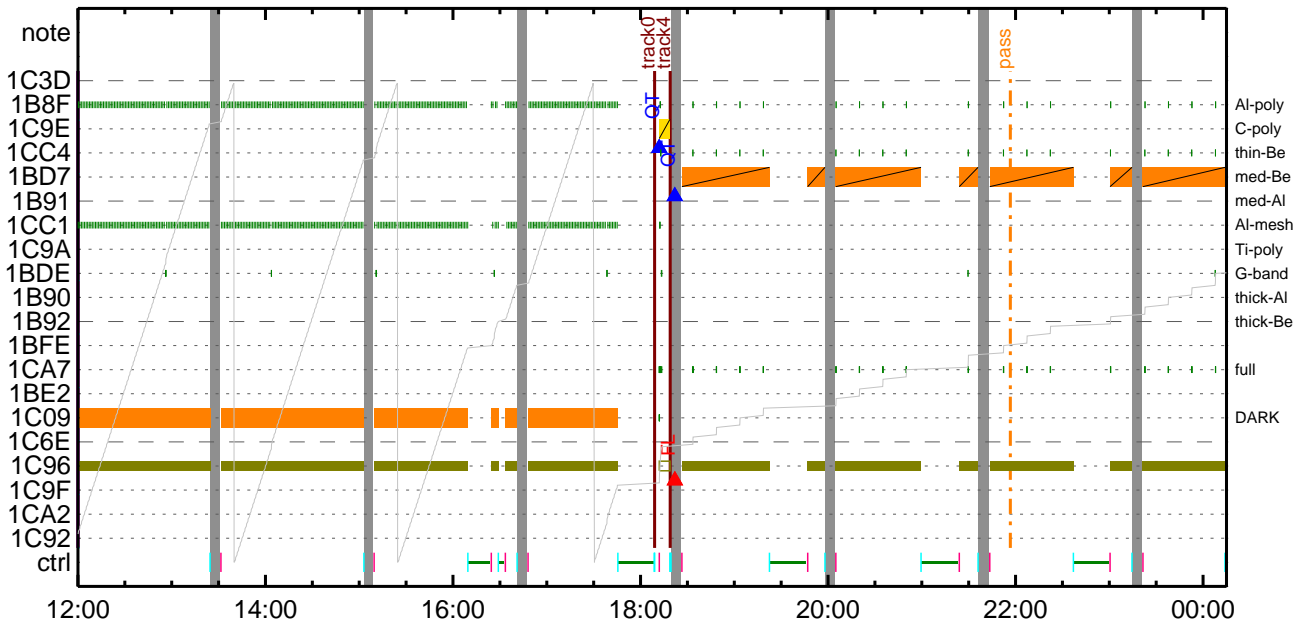
* * * * *

| FLD Patrol | | | | | | | | | | | | |
|---------------------------------|--|-----------------------|------|-------|------|-----|-----|--------------------|-------|------------|----------|-------|
| Term | Pointing (x, y) | Comment | | | | | | | | | | |
| 12/07 18:19:18 - 12/08 05:38:18 | Track (-99.0, -561.9) @ 12/07 18:19:00 | # Edge of CH tracking | | | | | | | | | | |
| 12/08 05:48:18 - 12/08 17:56:48 | Track (-258.5, -489.9) @ 12/08 05:48:00 | # Track AR 12904 | | | | | | | | | | |
| 12/08 18:06:48 - 12/09 06:00:18 | Track (-165.6, -489.0) @ 12/08 18:06:30 | # Track AR 12904 | | | | | | | | | | |
| 12/09 11:00:18 - 12/09 18:13:18 | Fixed (-23.0, -955.0) | HOP81 S-pole | | | | | | | | | | |
| 12/09 18:23:18 - 12/10 06:31:18 | Track (22.8, -487.2) @ 12/09 18:23:00 | # Track AR 12904 | | | | | | | | | | |
| 12/10 06:41:18 - 12/10 18:17:48 | Track (118.4, -486.3) @ 12/10 06:41:00 | # Track AR 12904 | | | | | | | | | | |
| 12/10 18:27:48 - 12/11 05:46:48 | Track (208.5, -485.5) @ 12/10 18:27:30 | # Track AR 12904 | | | | | | | | | | |
| 12/11 05:56:48 - 12/11 18:00:18 | Track (294.0, -484.7) @ 12/11 05:56:30 | # Track AR 12904 | | | | | | | | | | |
| 12/11 18:10:18 - 12/12 06:04:18 | Track (381.4, -484.1) @ 12/11 18:10:00 | # Track AR 12904 | | | | | | | | | | |
| 12/12 18:31:48 - 12/13 06:39:48 | Track (539.8, -483.3) @ 12/12 18:31:30 | # Track AR 12904 | | | | | | | | | | |
| 12/13 06:49:48 - 12/13 17:42:18 | Track (609.8, -483.2) @ 12/13 06:49:30 | # Track AR 12904 | | | | | | | | | | |
| 12/13 17:48:18 - 12/14 05:55:48 | Track (665.7, -483.3) @ 12/13 17:48:00 | # Track AR 12904 | | | | | | | | | | |
| 12/14 06:05:48 - 12/15 11:00:00 | Track (720.0, -483.7) @ 12/14 06:05:30 | # Track AR 12904 | | | | | | | | | | |
| 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 | |

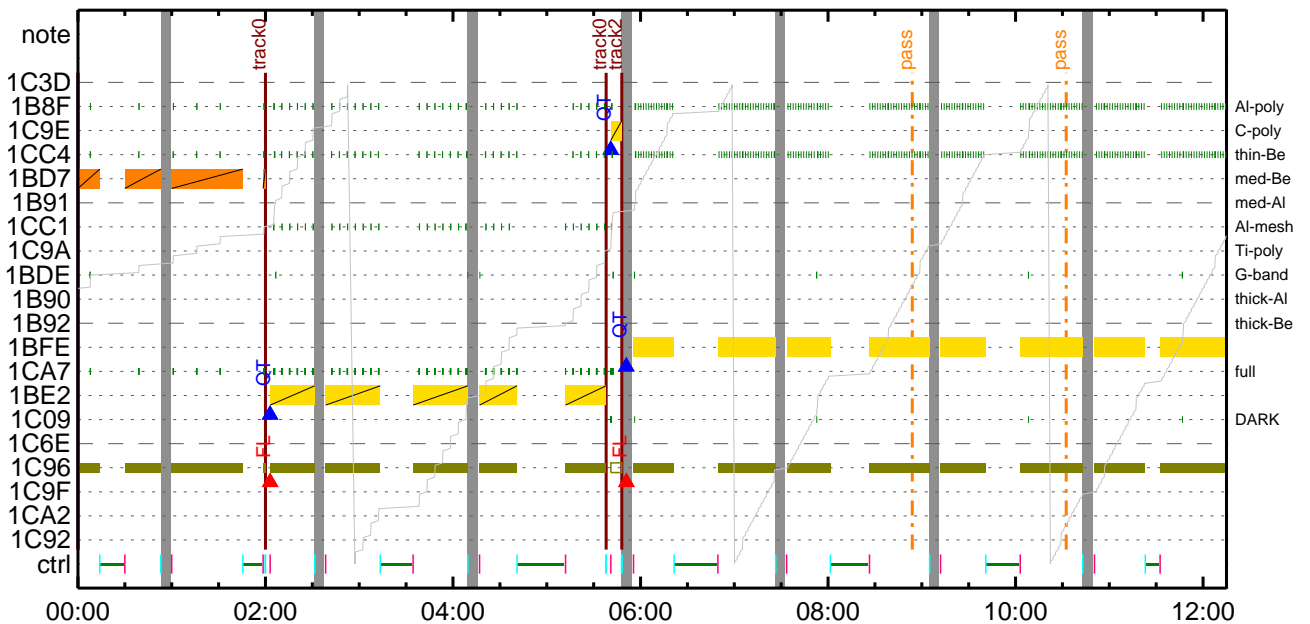
CMDI #0026 2021/12/07



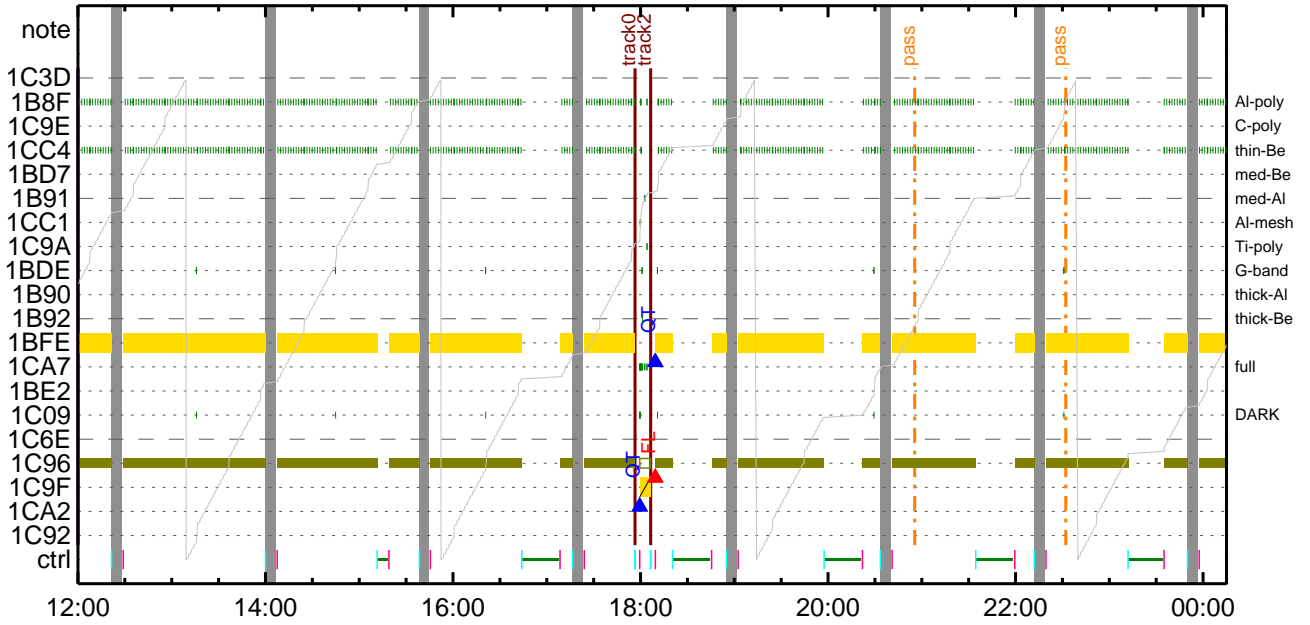
CMDI #0026 2021/12/07



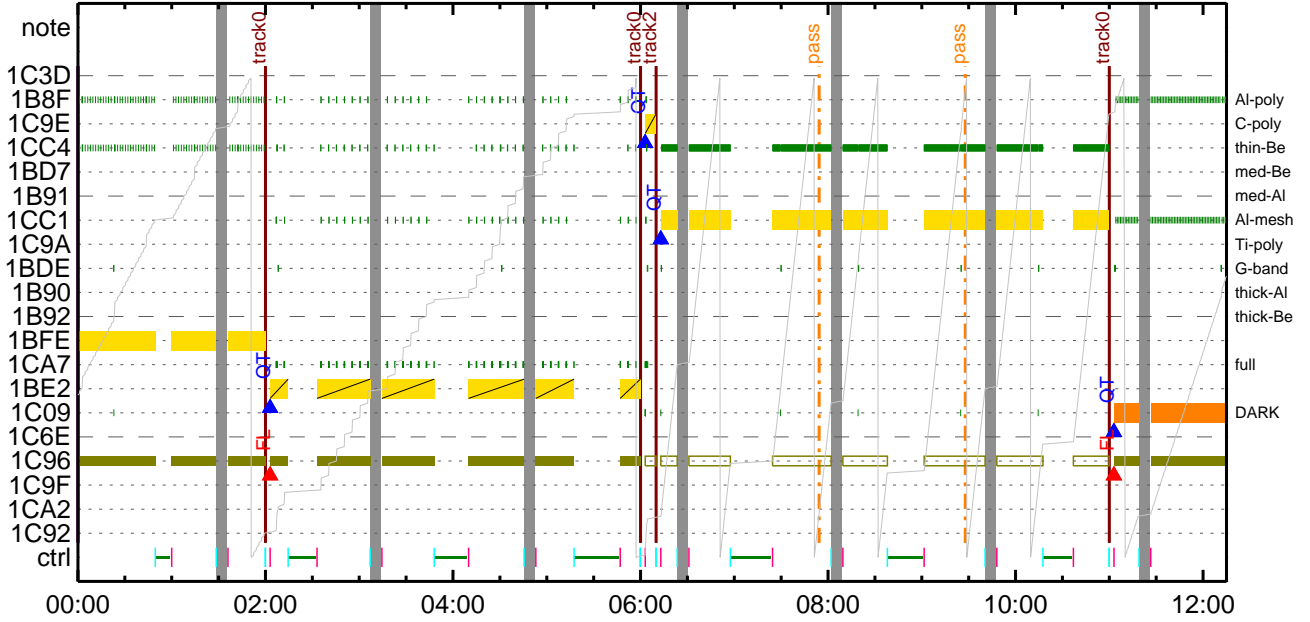
CMDI #0026 2021/12/08



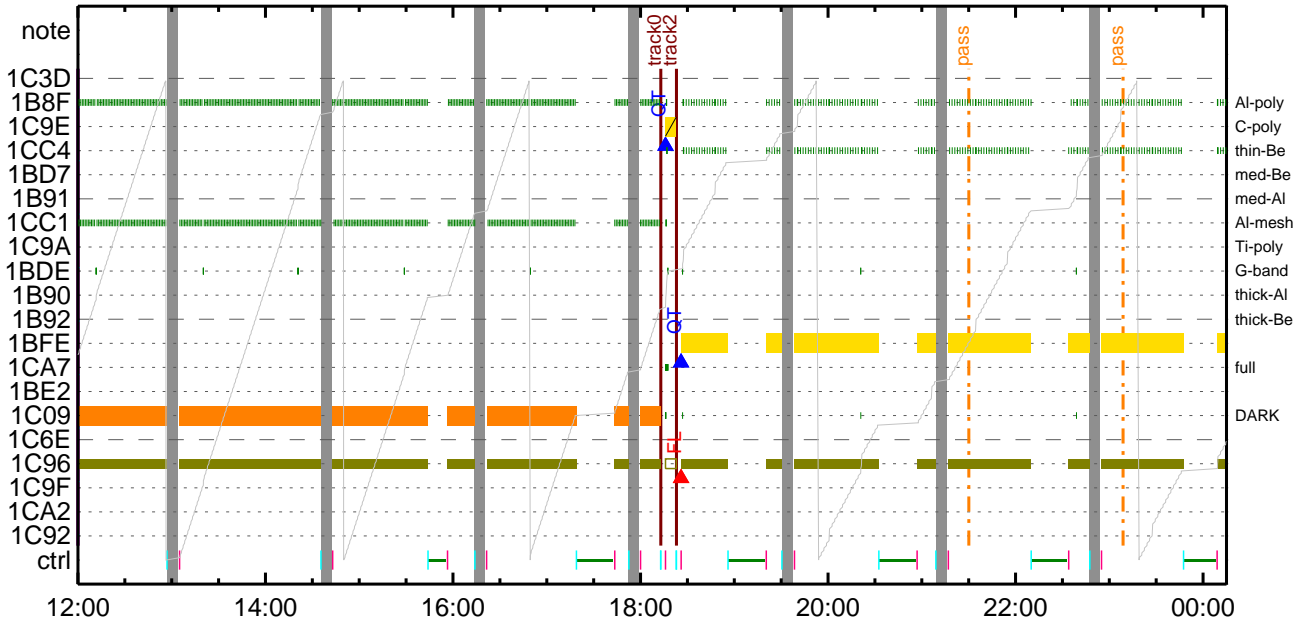
CMDI #0026 2021/12/08



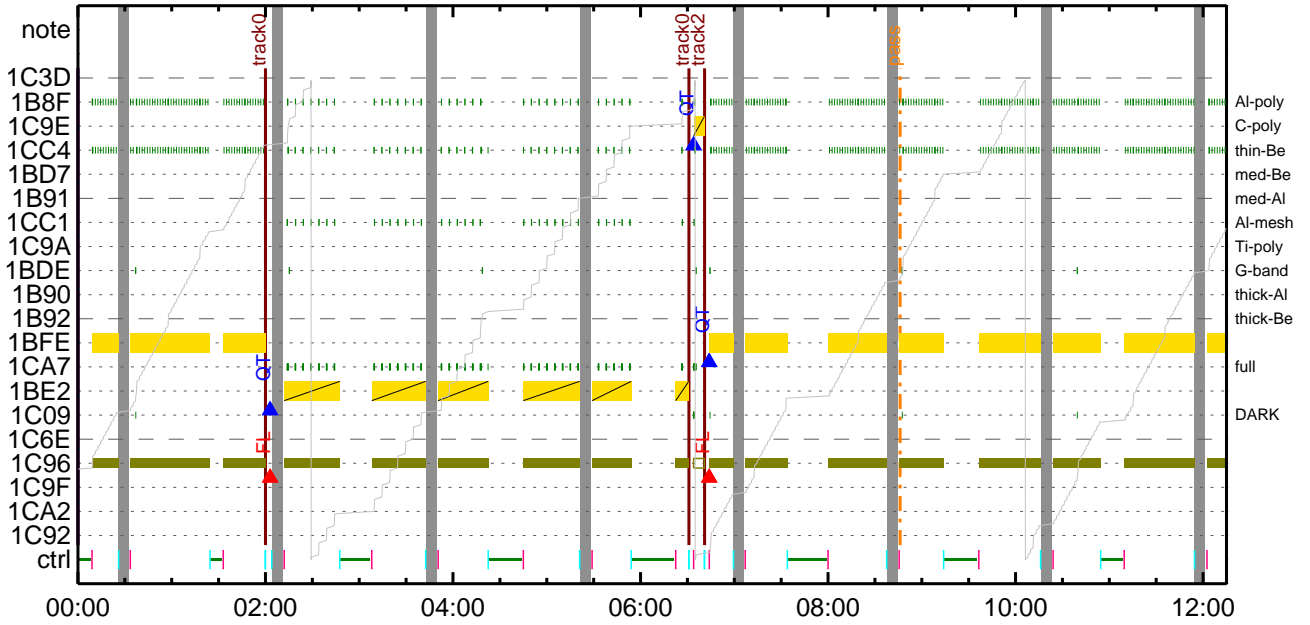
CMDI #0026 2021/12/09



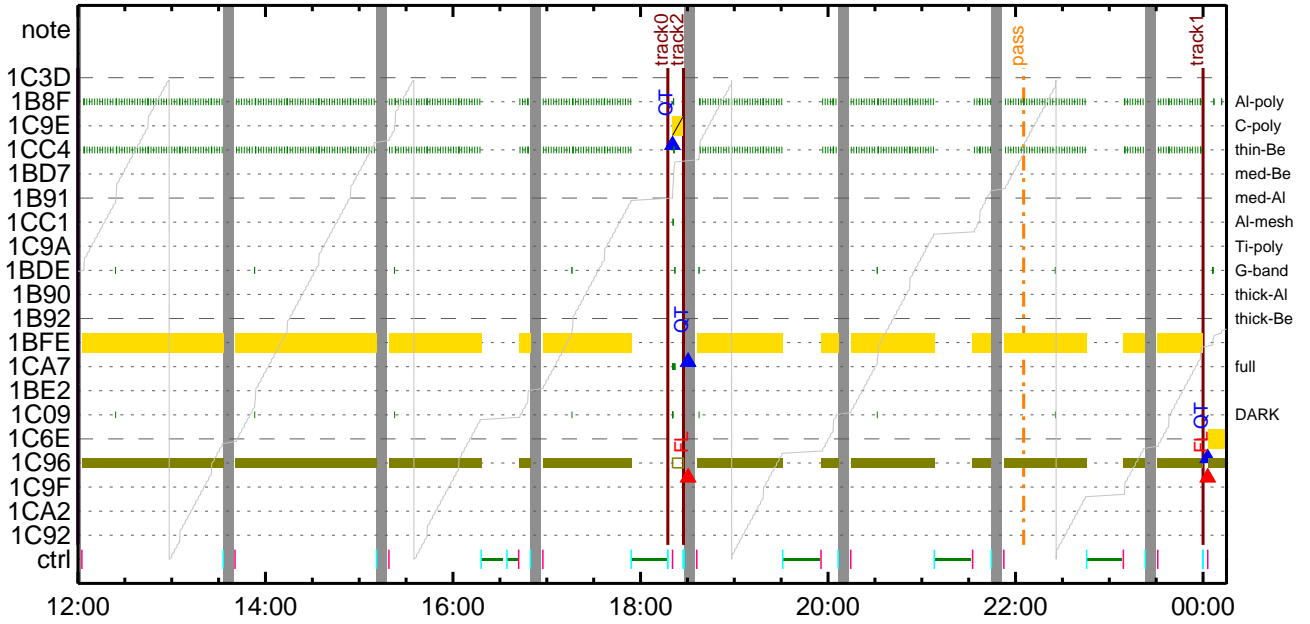
CMDI #0026 2021/12/09



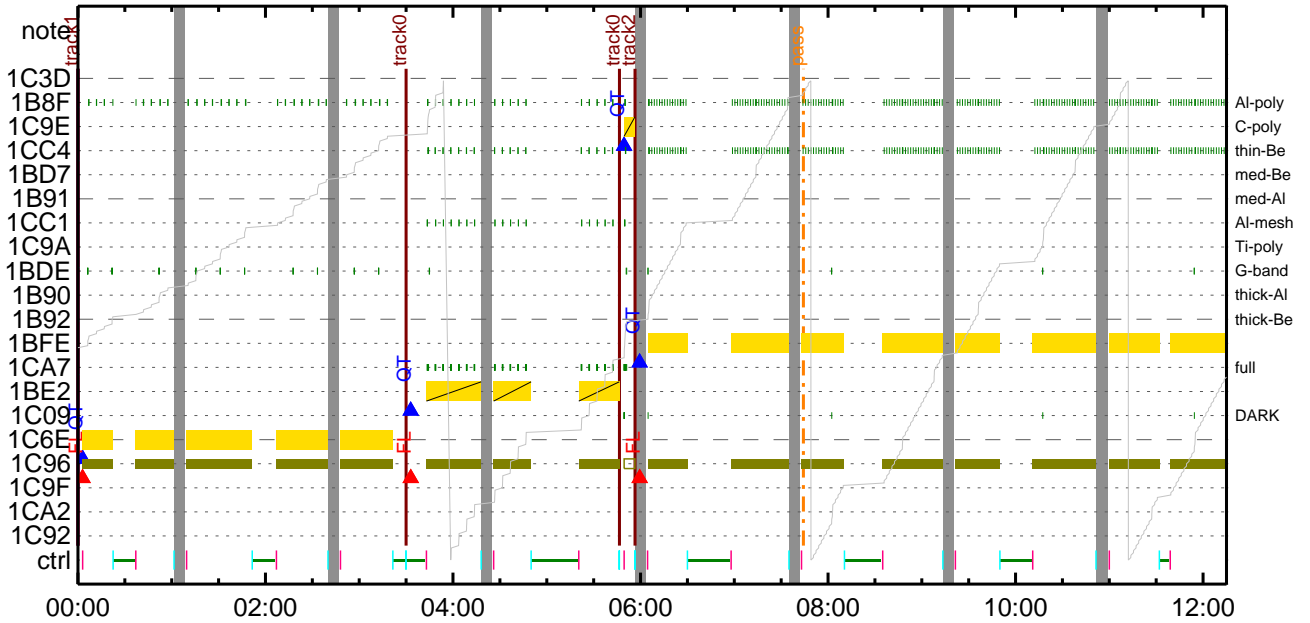
CMDI #0026 2021/12/10



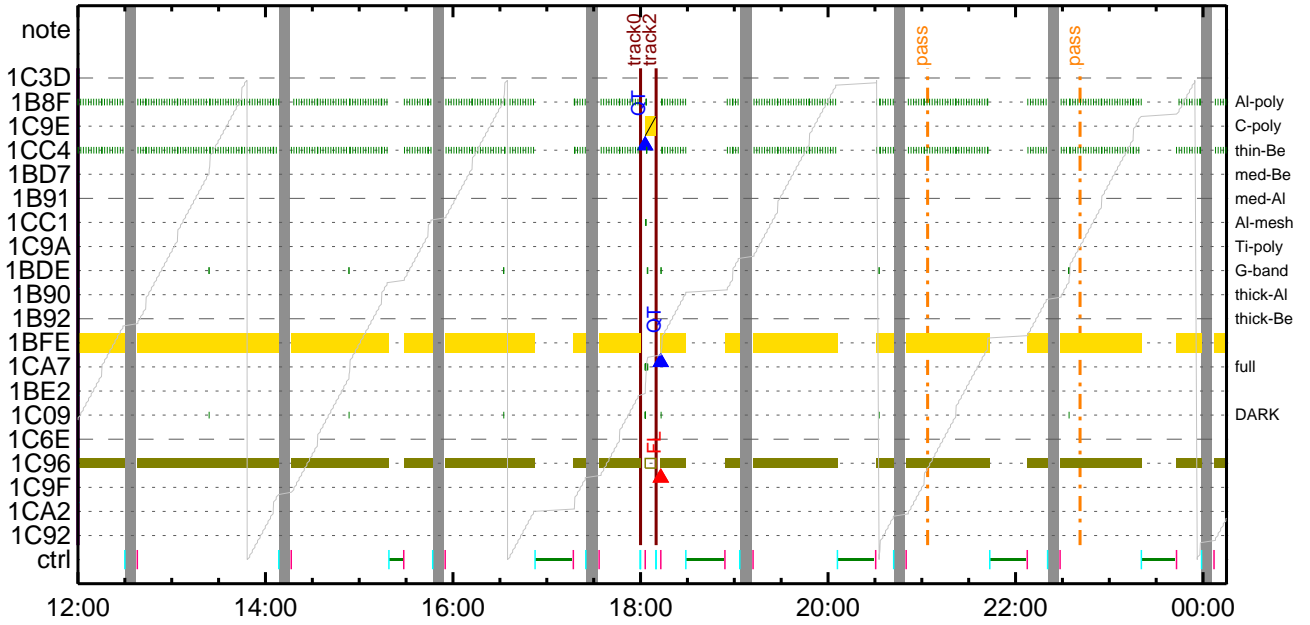
CMDI #0026 2021/12/10



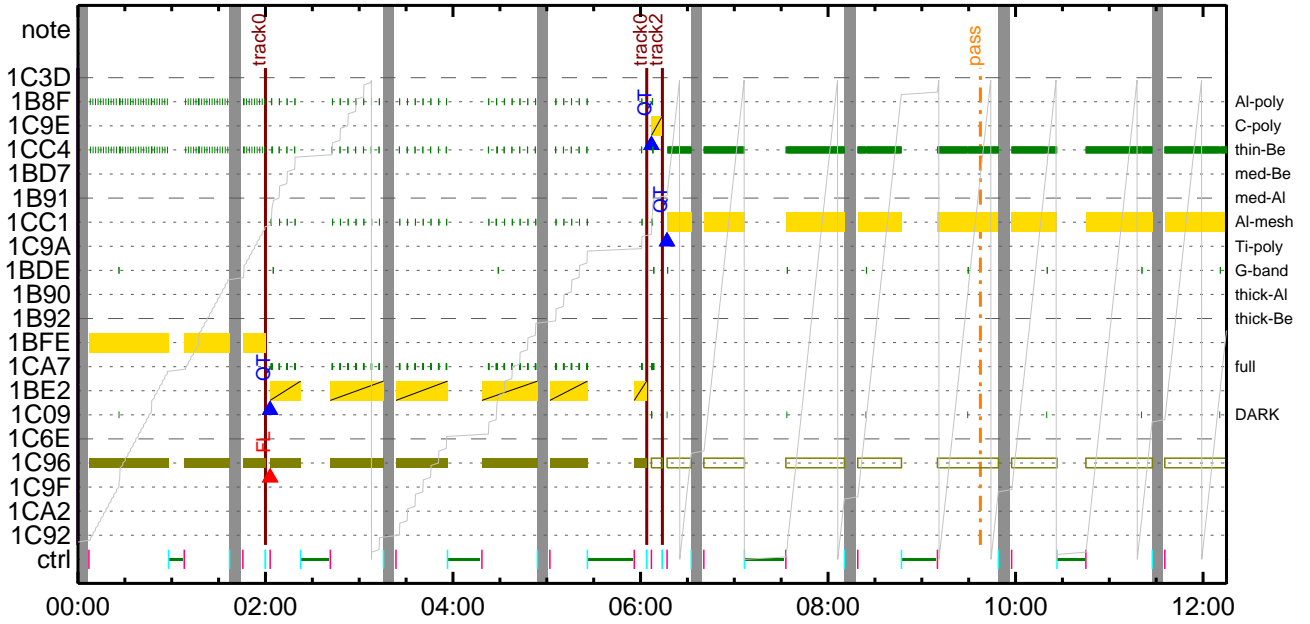
CMDI #0026 2021/12/11



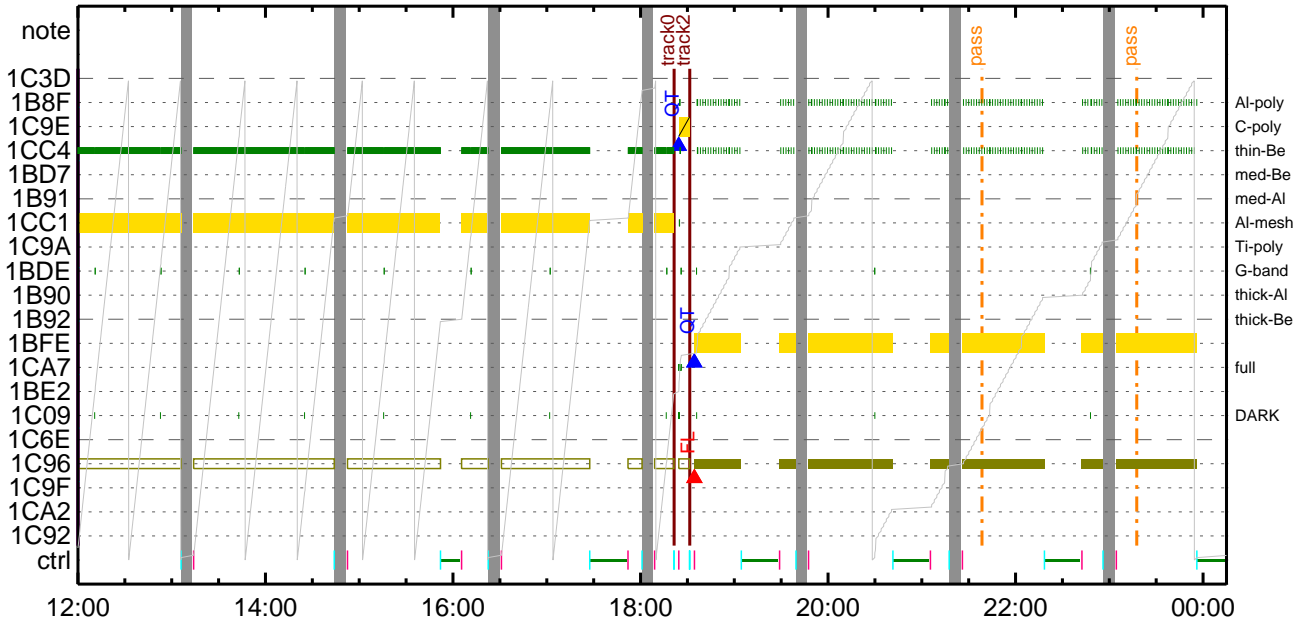
CMDI #0026 2021/12/11



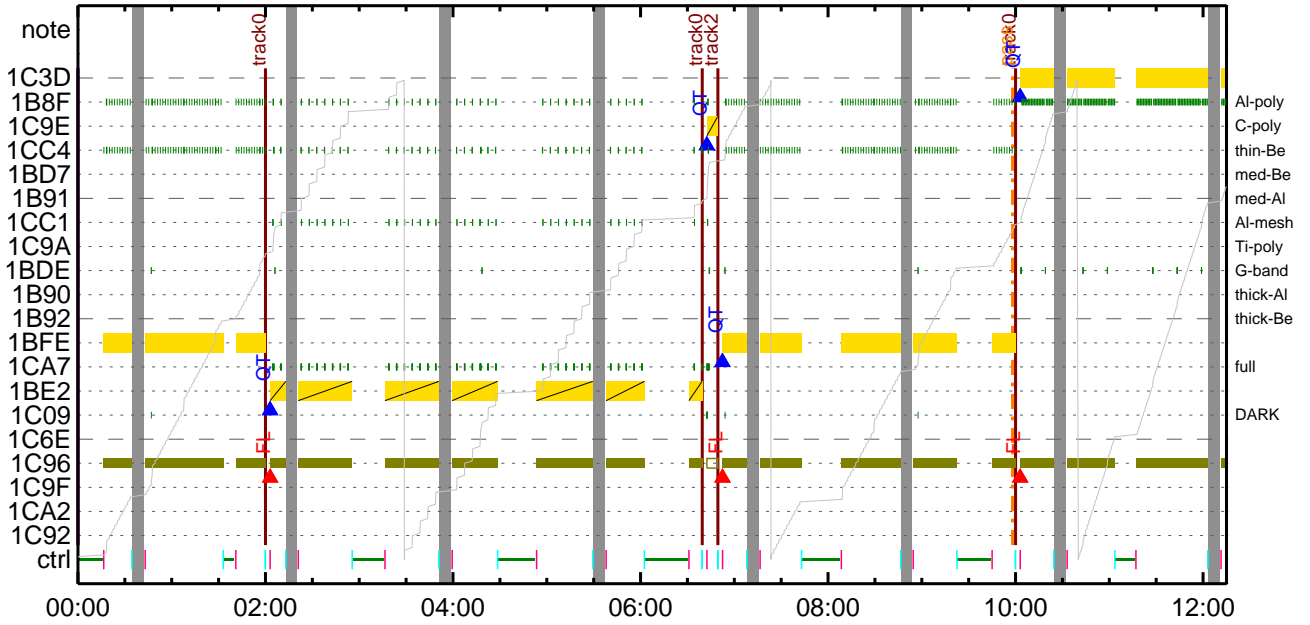
CMDI #0026 2021/12/12



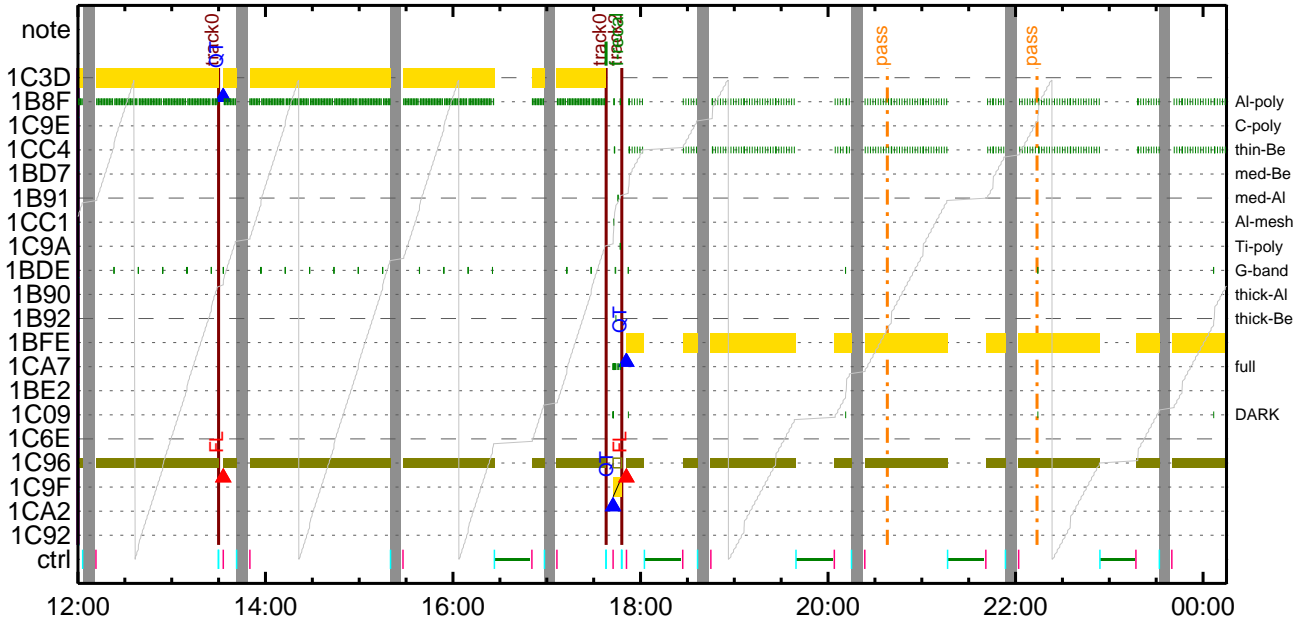
CMDI #0026 2021/12/12



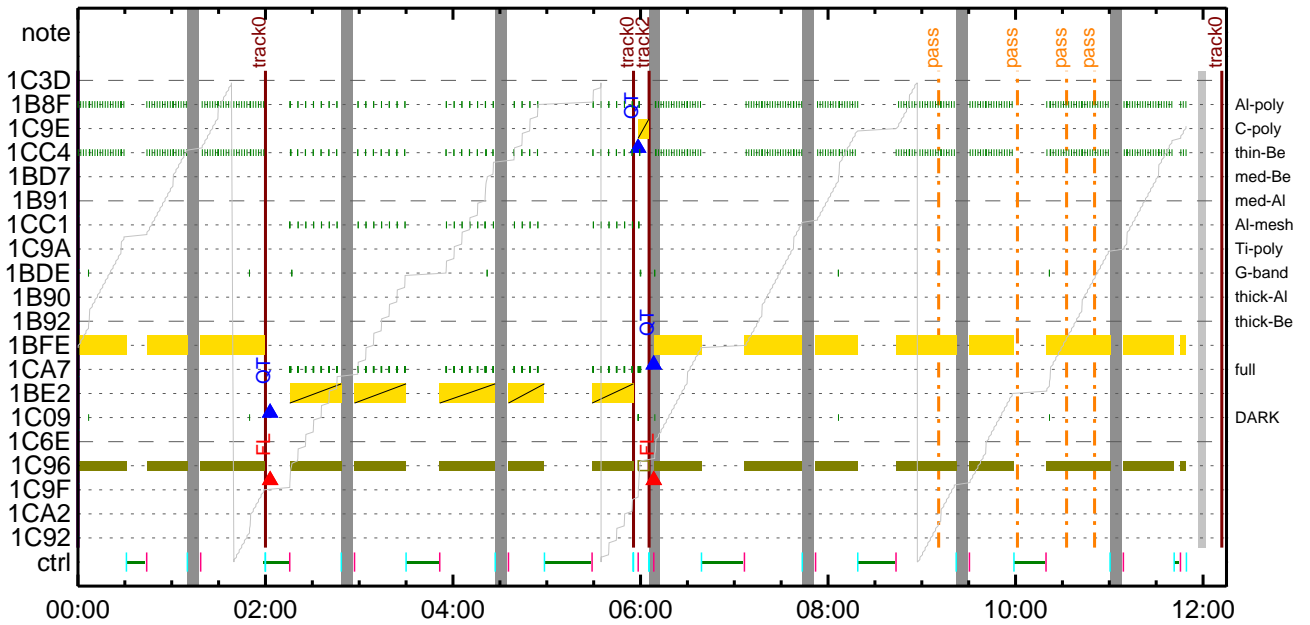
CMDI #0026 2021/12/13



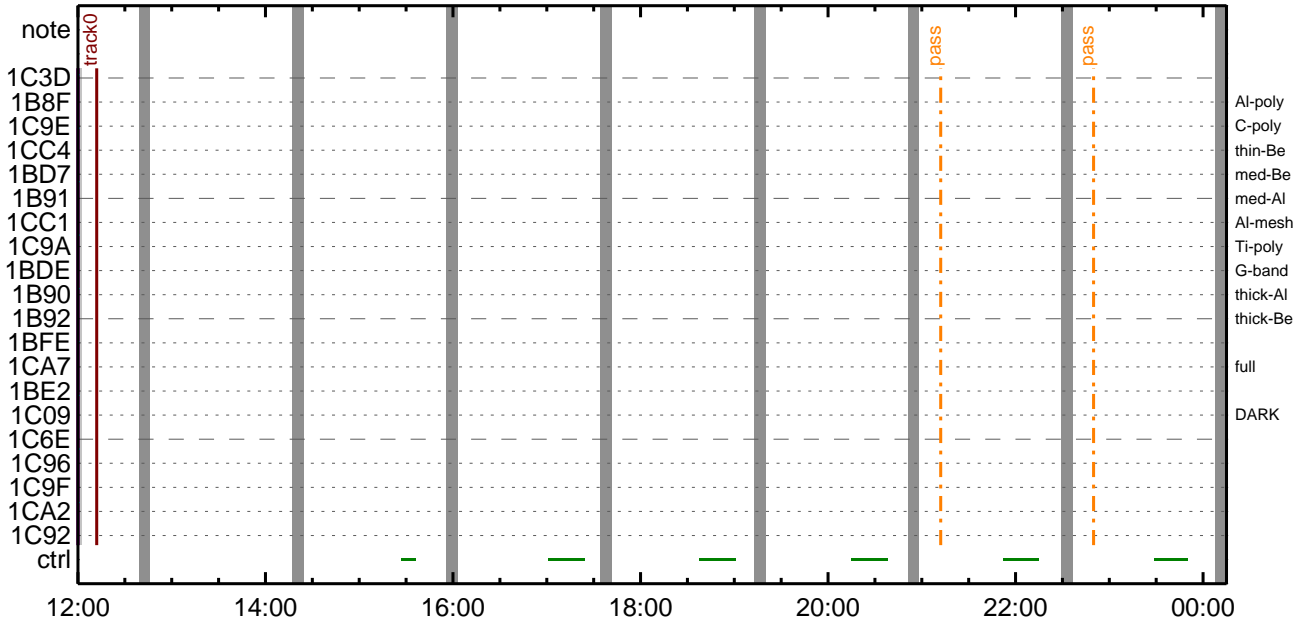
CMDI #0026 2021/12/13



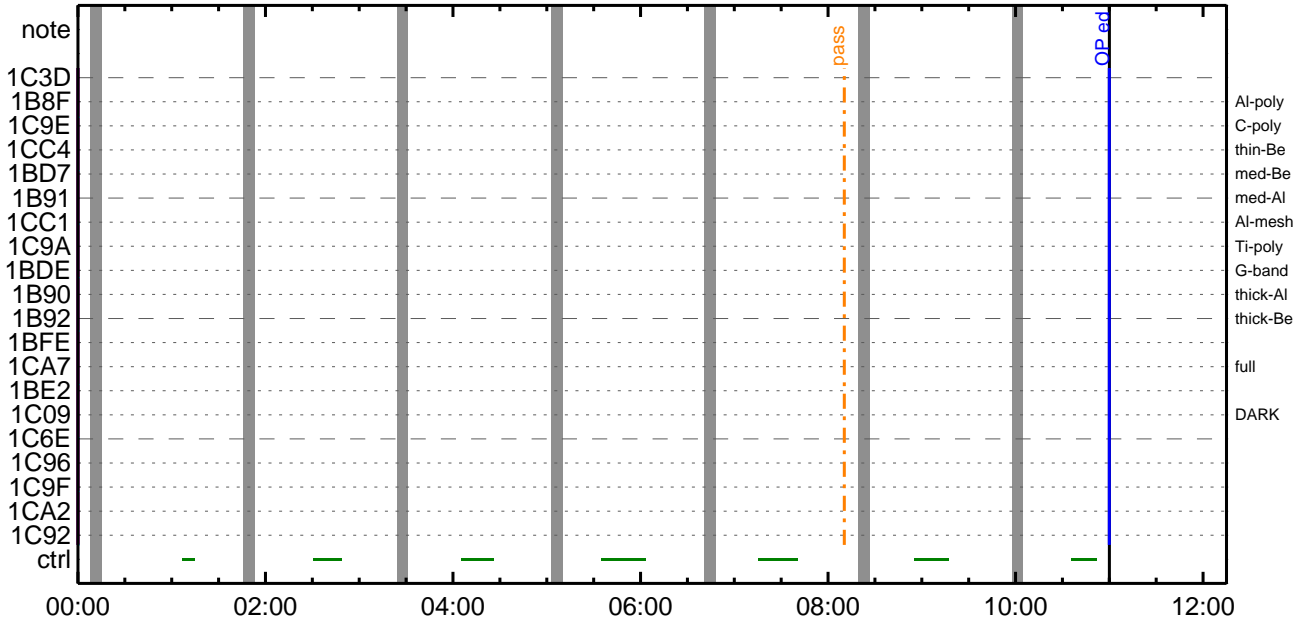
CMDI #0026 2021/12/14



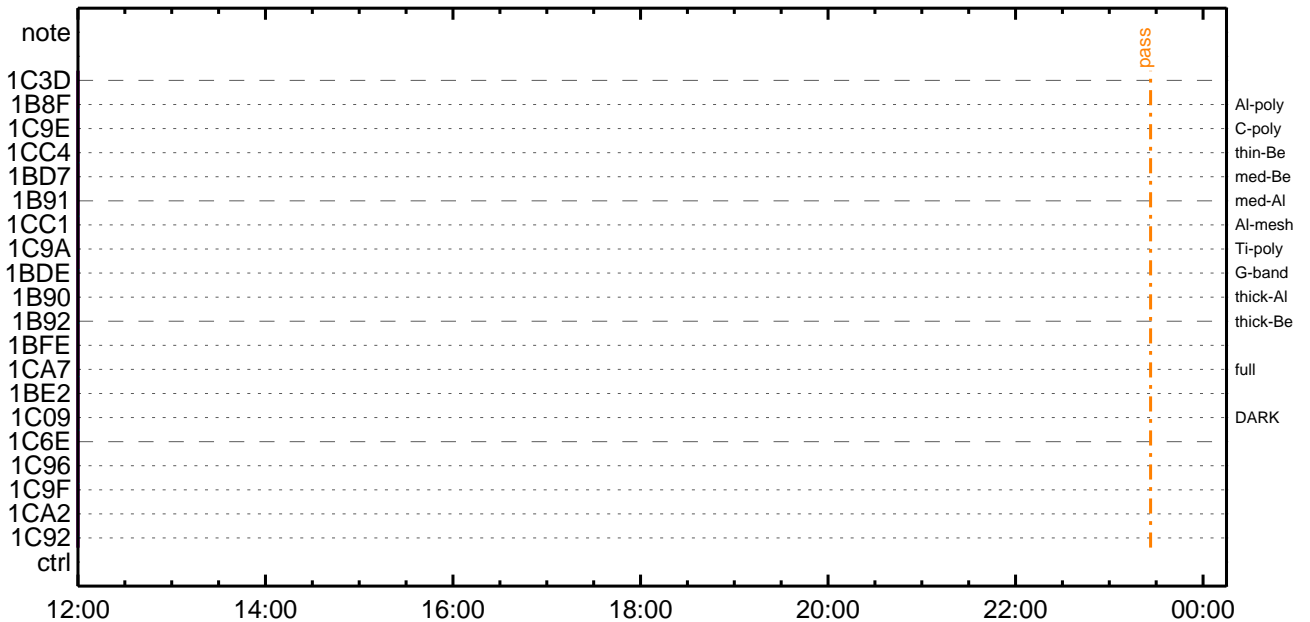
CMDI #0026 2021/12/14



CMDI #0026 2021/12/15



CMDI #0026 2021/12/15




```

0096 . C.
0097 . C.
0098 . C. *****
0099 . C. OP/OGY1;Y6;YAY6Yx
0100 . C. *****
0101 . C.
0102 . C. ;ãOP/OGY1;Y6;ã
0103 . S. OP op-846:OP
0104 . ( )
0105 . S. OG og-846:OG
0106 . ( )
0107 . C.
0108 . C. ;ãNMOG&OPîî°èYAY6Yx;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. YAY6Yx½ªî»ò³îç§
0125 . C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 . C. RAM ID=NMOGòîî½Ë¹ç·è²îOKò³îç§
0127 . C.
0128 . C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 . C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 . C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 . C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 . C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 . C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 . C. çç[HK1_PKT_FORM_NO] EQ 7
0139 . C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 . C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 . C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 . C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 . C. YAY6Yx½ªî»ò³îç§
0144 . C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 . C. RAM ID=NMOGòîî½Ë¹ç·è²îOKò³îç§
0146 . C.
0147 . C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 . C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 . C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 . C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 . C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 . C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 . C. çç[HK1_PKT_FORM_NO] EQ 7
0158 . C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 . C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 . C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 . C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 . C. YAY6Yx½ªî»ò³îç§
0163 . C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 . C. RAM ID=NMOG,RAM ID=OPòîî½Ë¹ç·è²îOKò³îç§
0165 . C.
0166 . C. ***** òË²¼òîî½Ë¹ç·è²îOKò³îç§ *****
0167 . C. DHUYâ;Y6;Ë½Y½;Yi;Y6;Ëòîî½Ë¹ç·è²îOKò³îç§ *****
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 UPLOADò-Á÷ç@NGòîî½Ë¹ç·è²îOKò³îç§ *****
0180 . C. òË²¼òîî½Ë¹ç·è²îOKò³îç§ *****
0181 . C.
0182 . C. TIY³YpY6Y6Y6òðÁDîç(UT)
0183 +. TI 2021-12-07 11:37:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 . C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 . C.
0187 +. TI 2021-12-07 11:37:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 . C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 . C.
0191 +. TI 2021-12-07 11:37:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 . C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

```


(a) Spacecraft Operation Procedure (real-commands)

```
main-847 2021-12-07 14:01:56 94 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY~¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YFYOYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èð¿ðÁð•µ°È»Í×ÁÇóÍYçYÁY×Yí;¼YÉ;ÈÈ%µ•ííÉ;ÈðÈ¼°ÇÔð•ð¿¼í¹çðÍ;çÁ®, ùð¹ðÈððçÁ+¿®ð•ðÈððð³ðÈ;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 = 1344684.0 +- 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 40s
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 2021-12-07 11:41:50.0
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 `ûÁÎðÍ»ò¼YðÉÁðð¹ðÉDCBC•×²è *****
0081 C. (¼á°íYÓYÁYÈYÞYÈYáYçYèðÈ¼¼ð¼Á»Û¹ðè)
0082 . S. DC-BC dcbc-402:DCBC
0083 (MDP_known_event)
0084 C.
0085 C.
0086 . C. ***** YDÝ¹•İ Daily±¿ÍÑðÈ`Øð¹ðèDCBC•×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.
```



```

0096 C.
0097 C.
0098 . C. *****
0099 C. SOT table upload
0100 C. *****
0101 . C. < Stop FG table >
0102 +. DC 07-F0 MDP_FG_CTRL_MANU
0103 BC (51)
0104 . C. -----
0105 C. MDP_FG_CTRL_MODE = MANU [ ]
0106 C. -----
0107 C.
0108 . C. <Upload FG Observation Table>
0109 . S. RAM ram-261:MDP_OBS_F
0110 ( )
0111 C.
0112 . C. < Dump RAMID=MDP_OBS_F >
0113 +. DC 07-F0 MDP_DUMP_FGTBL
0114 BC (82 07 00 00 00 38 b8)
0115 C. -----
0116 C. MDP_OBS_F verify = OK/NG [ ]
0117 C. -----
0118 C.
0119 . C. < Stop SP table >
0120 +. DC 07-F0 MDP_SP_CTRL_MANU
0121 BC (61)
0122 C. -----
0123 C. MDP_SP_CTRL_MODE = MANU [ ]
0124 C. -----
0125 C.
0126 . C. <Upload SP Observation Table>
0127 . S. RAM ram-288:MDP_OBS_S
0128 ( )
0129 C.
0130 . C. < Dump RAMID=MDP_OBS_S >
0131 +. DC 07-F0 MDP_DUMP_SPTBL
0132 BC (83 07 00 00 00 38 b8)
0133 C. -----
0134 C. MDP_OBS_S verify = OK/NG [ ]
0135 C. -----
0136 C.
0137 C. *****
0138 C. SOT TI command set
0139 C. *****
0140 C. Execute, after the success of TBL upload.
0141 +. TI 2021-12-07 11:41:18.0
0142 DC 07-F0 MDP_SOT_MODE_OBSV
0143 BC (40)
0144 . C. -----
0145 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0146 C. -----
0147 C.
0148 C.
0149 C. ***** XRT START *****
0150 C.
0151 +. DC 07-F0 MDP_XRT_CTRL_MANU
0152 BC (c1)
0153 + DC 07-F0 MDP_XRT_MODE_STBY
0154 BC (c3)
0155 . C. ----- Success Verify ? OK / NG____
0156 C.
0157 C. XRT Obs. Table Upload
0158 . S. RAM ram-291:MDP_OBS_X
0159 ( )
0160 C.
0161 +. DC 07-F0 MDP_DUMP_XRTTBL
0162 BC (84 07 00 00 00 3a d4)
0163 . C. ----- Comparison Check ? OK / ERR ____
0164 C.
0165 C.
0166 +. DC 07-F0 MDP_XRT_ROI_SET
0167 BC (cd 01 b1 b1 04 04)
0168 + DC 07-F0 MDP_XRT_ROI_SET
0169 BC (cd 02 b1 b1 08 08)
0170 + DC 07-F0 MDP_XRT_ROI_SET
0171 BC (cd 03 b1 b1 08 08)
0172 + DC 07-F0 MDP_XRT_ROI_SET
0173 BC (cd 04 b1 b1 06 06)
0174 + DC 07-F0 MDP_XRT_ROI_SET
0175 BC (cd 06 85 83 06 06)
0176 + DC 07-F0 MDP_XRT_ROI_SET
0177 BC (cd 07 80 80 20 20)
0178 + DC 07-F0 MDP_XRT_ROI_SET
0179 BC (cd 08 80 80 20 08)
0180 + DC 07-F0 MDP_XRT_ROI_SET
0181 BC (cd 09 80 80 08 20)
0182 + DC 07-F0 MDP_XRT_ROI_SET
0183 BC (cd 0a 80 80 08 08)
0184 + DC 07-F0 MDP_XRT_ROI_SET
0185 BC (cd 0b 85 83 04 04)
0186 + DC 07-F0 MDP_XRT_ROI_SET
0187 BC (cd 0f 80 80 06 06)
0188 + DC 07-F0 MDP_XRT_ROI_SET
0189 BC (cd 10 80 80 08 08)
0190 + DC 07-F0 MDP_XRT_FLD_ENA
0191 BC (d8)
0192 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0193 BC (c8)

```



```
0194 + DC 07-F0 MDP_XRT_ARS_DIS
0195 BC (d5)
0196 + DC 07-F0 MDP_XRT_AEC_RESET
0197 BC (d0)
0198 + DC 07-F0 MDP_XRT_FLD_RESET
0199 BC (da)
0200 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0201 BC (c4 09)
0202 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0203 BC (c5 04)
0204 . C. ----- Success Verify ? OK / NG ____
0205 C.
0206 C.
0207 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0208 C.
0209 +. DC 07-F0 MDP_XRT_MODE_OBSV
0210 BC (c2)
0211 +. TI 2021-12-07 11:41:02.0
0212 DC 07-F0 MDP_XRT_MODE_OBSV
0213 BC (c2)
0214 . C. ----- Success Verify ? OK / NG ____
0215 C.
0216 C. ***** XRT END *****
0217 C.
0218 . C. ***** MDP `úÃîñî»ò%ÝñÊÃðñ¹ñèDCBC•x²è *****
0219 C. (%á°îÝÓÝÃÝÈÝÞÝËÝáÝçÝèñÊ½¼ññ¼Ã»Ûñ¹ñè)
0220 . S. DC-BC dcbc-402:DCBC
0221 (MDP_known_event)
0222 C.
0223 C.
0224 . C. ***** ¥DÝ¹•Ï Daily±¿ÍÑñÊ´Øñ¹ñèDCBC•x²è *****
0225 . S. DC-BC dcbc-153:DCBC
0226 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0227 C.
0228 C.
0229 . C. ¡ãLOS¥Á¥$¥Ã¥-¼Ã»Û;ã
0230 C.
0231 . C. ***** LOS *****
0232 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-849 2021-12-07 14:01:56 29 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÄY-¼Ä»Û;ã
0005 C.
0006 C. YÀYB;¼Y³YFŸÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¿µ°Œ»Í×ÁÇúÏYçYÁY×Yí;¼YÉ;ÈÈèµ•íÍÉ;ÈÈÈ¼°ÇÒα.α¿¼í¹çαÍ;çÄ®, ùα¹αèαβαÇÁ+¿®α.αÈααα³αÈ;ƒ
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 . C. ***** MDP `úÁÎσÍ»ø¼ÝαÈÄÐα¹αèDCBC•x²è *****
0016 C. (¼á°íYÓYÁYÈYßYÈYáYçYèαÈ%¼αα¼Á»Ûα¹αè)
0017 . S. DC-BC dcbc-402:DCBC
0018 (MDP_known_event)
0019 C.
0020 C.
0021 . C. ***** YDY¹•Ī Daily+¿ÎÑαÈ´Øα¹αèDCBC•x²è *****
0022 . S. DC-BC dcbc-153:DCBC
0023 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0024 C.
0025 C.
0026 . C. ;ãLOSŸÁYŞYÄY-¼Ä»Û;ã
0027 C.
0028 . C. ***** LOS *****
0029 C.
```

*** OP Sequence for XRT ***

| | | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|
| 2021/12/07 | 11:46:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/07 | 11:46:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/12/07 | 11:46:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2021/12/07 | 11:49:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2021/12/07 | 11:51:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/07 | 11:51:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/07 | 11:51:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | |
| 2021/12/07 | 11:52:00.0 | AOCS_Or-point_Start_1_OG [0x097] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 b3 1b 02 0c | | | |
| 2021/12/07 | 11:52:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2021/12/07 | 11:52:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2021/12/07 | 11:52:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2021/12/07 | 11:52:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2021/12/07 | 11:52:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/12/07 | 11:54:56.0 | XRT_QT_PROG_SET_433_OG [0x1b1] | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 06 | | | |
| 2021/12/07 | 11:54:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | | | |
| 2021/12/07 | 11:55:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/12/07 | 13:24:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/07 | 13:24:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/12/07 | 13:24:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2021/12/07 | 13:27:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2021/12/07 | 13:30:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/12/07 | 13:31:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/12/07 | 15:03:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/07 | 15:03:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/12/07 | 15:03:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2021/12/07 | 15:06:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2021/12/07 | 15:08:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/12/07 | 15:09:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/12/07 | 16:09:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/07 | 16:09:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/12/07 | 16:09:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2021/12/07 | 16:12:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2021/12/07 | 16:23:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/12/07 | 16:24:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/12/07 | 16:29:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/07 | 16:29:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/12/07 | 16:29:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2021/12/07 | 16:32:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2021/12/07 | 16:32:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/12/07 | 16:33:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/12/07 | 16:41:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/07 | 16:41:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/12/07 | 16:41:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2021/12/07 | 16:44:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2021/12/07 | 16:47:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/12/07 | 16:48:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/12/07 | 17:45:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/07 | 17:45:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |

| | | | | | | | |
|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|
| 2021/12/07 | 17:45:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/12/07 | 17:48:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/07 | 18:08:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/07 | 18:08:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/07 | 18:08:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2021/12/07 | 18:09:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | |
| 2021/12/07 | 18:09:18.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2021/12/07 | 18:09:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2021/12/07 | 18:09:22.0 | XRT_ARS_DIS_420_OG [0x1a4] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2021/12/07 | 18:11:58.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 | |
| 2021/12/07 | 18:12:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/12/07 | 18:18:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/07 | 18:18:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/07 | 18:18:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2021/12/07 | 18:19:00.0 | AOCS_ORe-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 04 00 00 00 00 | |
| 2021/12/07 | 18:19:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2021/12/07 | 18:19:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2021/12/07 | 18:19:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2021/12/07 | 18:19:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2021/12/07 | 18:19:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/12/07 | 18:19:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/07 | 18:19:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/12/07 | 18:19:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/12/07 | 18:21:56.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 10 | |
| 2021/12/07 | 18:21:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | |
| 2021/12/07 | 18:22:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/07 | 18:25:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2021/12/07 | 18:26:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/12/07 | 19:22:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/07 | 19:22:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/12/07 | 19:22:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/12/07 | 19:25:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/07 | 19:46:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2021/12/07 | 19:47:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/12/07 | 19:58:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/07 | 19:58:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/12/07 | 19:58:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/12/07 | 20:01:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/07 | 20:04:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2021/12/07 | 20:05:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/12/07 | 20:59:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/07 | 20:59:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/12/07 | 20:59:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/12/07 | 21:02:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/07 | 21:23:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2021/12/07 | 21:24:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/12/07 | 21:36:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/07 | 21:36:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/12/07 | 21:36:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|
| 2021/12/07 | 21:39:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e8 | |
| 2021/12/07 | 21:42:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/07 | 21:43:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/12/07 | 22:37:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/07 | 22:37:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/12/07 | 22:37:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/12/07 | 22:40:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/07 | 22:59:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/12/07 | 23:00:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/07 | 23:14:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/12/07 | 23:14:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/12/07 | 23:14:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/07 | 23:17:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/07 | 23:20:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/12/07 | 23:21:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/08 | 00:14:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/12/08 | 00:14:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/12/08 | 00:14:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/08 | 00:17:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/08 | 00:29:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/12/08 | 00:30:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/08 | 00:53:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/12/08 | 00:53:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/12/08 | 00:53:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/08 | 00:56:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/08 | 00:59:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/12/08 | 01:00:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/08 | 01:45:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/12/08 | 01:45:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/12/08 | 01:45:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/08 | 01:48:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/08 | 01:57:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/12/08 | 01:58:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/08 | 01:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/12/08 | 01:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/12/08 | 01:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/08 | 02:00:00.0 | AOCs_OrE-point_Start_2_OG [0x098] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2021/12/08 | 02:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | |
| 2021/12/08 | 02:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2021/12/08 | 02:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2021/12/08 | 02:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2021/12/08 | 02:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2021/12/08 | 02:02:56.0 | XRT_QT_PROG_SET_416_OG [0x1a0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/12/08 | 02:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 07 | |
| 2021/12/08 | 02:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | |
| 2021/12/08 | 02:31:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/12/08 | 02:31:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/08 | 02:31:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/12/08 | 02:34:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |

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| 2021/12/08 | 02:37:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/12/08 | 02:38:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/12/08 | 03:13:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/08 | 03:13:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/12/08 | 03:13:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2021/12/08 | 03:16:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2021/12/08 | 03:33:30.5 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/12/08 | 03:34:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/12/08 | 04:09:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/08 | 04:09:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/12/08 | 04:09:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2021/12/08 | 04:12:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2021/12/08 | 04:16:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/12/08 | 04:17:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/12/08 | 04:41:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/08 | 04:41:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/12/08 | 04:41:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2021/12/08 | 04:44:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2021/12/08 | 05:11:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/12/08 | 05:12:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/12/08 | 05:37:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/08 | 05:37:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/08 | 05:37:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | |
| 2021/12/08 | 05:38:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | |
| 2021/12/08 | 05:38:18.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | |
| 2021/12/08 | 05:38:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | |
| 2021/12/08 | 05:38:22.0 | XRT_ARS_DIS_420_OG [0x1a4] | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2021/12/08 | 05:40:58.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 | | | |
| 2021/12/08 | 05:41:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/12/08 | 05:47:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/08 | 05:47:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/08 | 05:47:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | |
| 2021/12/08 | 05:48:00.0 | AOCS_ORe-point_Start_4_OG [0x09a] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | | | |
| 2021/12/08 | 05:48:00.5 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/08 | 05:48:02.5 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/12/08 | 05:48:04.5 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2021/12/08 | 05:48:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2021/12/08 | 05:48:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2021/12/08 | 05:48:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2021/12/08 | 05:48:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2021/12/08 | 05:48:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/12/08 | 05:50:56.0 | XRT_QT_PROG_SET_442_OG [0x1ba] | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09 | | | |
| 2021/12/08 | 05:50:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | | | |
| 2021/12/08 | 05:51:14.5 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2021/12/08 | 05:54:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/12/08 | 05:55:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/12/08 | 06:21:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/08 | 06:21:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/12/08 | 06:21:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |

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|------------|------------|--------------------------------|---|-------|----|
| 2021/12/08 | 06:24:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/08 | 06:48:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/08 | 06:49:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/08 | 07:26:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/08 | 07:26:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/08 | 07:26:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/08 | 07:29:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/08 | 07:32:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/08 | 07:33:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/08 | 08:01:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/08 | 08:01:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/08 | 08:01:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/08 | 08:04:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/08 | 08:25:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/08 | 08:26:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/08 | 09:05:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/08 | 09:05:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/08 | 09:05:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/08 | 09:08:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/08 | 09:11:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/08 | 09:12:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/08 | 09:41:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/08 | 09:41:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/08 | 09:41:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/08 | 09:44:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/08 | 10:02:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/08 | 10:03:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/08 | 10:43:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/08 | 10:43:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/08 | 10:43:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/08 | 10:46:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/08 | 10:49:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/08 | 10:50:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/08 | 11:23:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/08 | 11:23:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/08 | 11:23:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/08 | 11:26:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/08 | 11:31:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/08 | 11:32:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/08 | 12:21:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/08 | 12:21:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/08 | 12:21:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/08 | 12:24:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/08 | 12:28:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/08 | 12:29:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/08 | 14:00:00.5 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/08 | 14:00:02.5 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/08 | 14:00:04.5 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/08 | 14:03:14.5 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/08 | 14:06:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/08 | 14:07:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |

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|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|--|
| 2021/12/08 | 15:11:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | |
| 2021/12/08 | 15:11:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | | |
| 2021/12/08 | 15:11:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | | |
| 2021/12/08 | 15:14:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | | |
| 2021/12/08 | 15:18:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2021/12/08 | 15:19:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | | |
| 2021/12/08 | 15:38:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | |
| 2021/12/08 | 15:38:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | | |
| 2021/12/08 | 15:38:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | | |
| 2021/12/08 | 15:41:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | | |
| 2021/12/08 | 15:44:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2021/12/08 | 15:45:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | | |
| 2021/12/08 | 16:44:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | |
| 2021/12/08 | 16:44:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | | |
| 2021/12/08 | 16:44:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | | |
| 2021/12/08 | 16:47:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | | |
| 2021/12/08 | 17:07:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2021/12/08 | 17:08:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | | |
| 2021/12/08 | 17:16:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | |
| 2021/12/08 | 17:16:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | | |
| 2021/12/08 | 17:16:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | | |
| 2021/12/08 | 17:19:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | | |
| 2021/12/08 | 17:23:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2021/12/08 | 17:24:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | | |
| 2021/12/08 | 17:56:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | |
| 2021/12/08 | 17:56:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | |
| 2021/12/08 | 17:56:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | | |
| 2021/12/08 | 17:56:30.0 | AOCS_Ore-point_Start_2_OG [0x098] | | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | | |
| 2021/12/08 | 17:56:48.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | | |
| 2021/12/08 | 17:56:50.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | | |
| 2021/12/08 | 17:56:52.0 | XRT_ARS_DIS_420_OG [0x1a4] | | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | | |
| 2021/12/08 | 17:59:28.0 | XRT_QT_PROG_SET_401_OG [0x191] | | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | | | | | |
| 2021/12/08 | 17:59:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | | |
| 2021/12/08 | 18:06:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | |
| 2021/12/08 | 18:06:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | |
| 2021/12/08 | 18:06:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | | |
| 2021/12/08 | 18:06:30.0 | AOCS_Ore-point_Start_4_OG [0x09a] | | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | | | | | |
| 2021/12/08 | 18:06:48.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | | |
| 2021/12/08 | 18:06:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | | |
| 2021/12/08 | 18:06:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | | |
| 2021/12/08 | 18:06:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | | |
| 2021/12/08 | 18:06:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | | |
| 2021/12/08 | 18:09:26.0 | XRT_QT_PROG_SET_442_OG [0x1ba] | | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09 | | | | | |
| 2021/12/08 | 18:09:28.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | | | | | |
| 2021/12/08 | 18:09:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | | |
| 2021/12/08 | 18:20:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | |
| 2021/12/08 | 18:20:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | | |
| 2021/12/08 | 18:20:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | | |
| 2021/12/08 | 18:23:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | | |

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|------------|------------|--------------------------------|---------------------|---|-------|----|
| 2021/12/08 | 18:44:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/08 | 18:45:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | |
| 2021/12/08 | 18:55:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/08 | 18:55:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/08 | 18:55:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/08 | 18:58:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/08 | 19:01:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/08 | 19:02:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | |
| 2021/12/08 | 19:57:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/08 | 19:57:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/08 | 19:57:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/08 | 19:57:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/08 | 20:00:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/08 | 20:21:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/08 | 20:22:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | |
| 2021/12/08 | 20:33:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/08 | 20:33:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/08 | 20:33:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/08 | 20:33:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/08 | 20:36:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/08 | 20:40:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/08 | 20:41:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | |
| 2021/12/08 | 21:34:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/08 | 21:34:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/08 | 21:34:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/08 | 21:34:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/08 | 21:37:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/08 | 21:58:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/08 | 21:59:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | |
| 2021/12/08 | 22:12:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/08 | 22:12:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/08 | 22:12:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/08 | 22:12:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/08 | 22:15:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/08 | 22:18:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/08 | 22:19:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | |
| 2021/12/08 | 23:12:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/08 | 23:12:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/08 | 23:12:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/08 | 23:12:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/08 | 23:15:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/08 | 23:34:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/08 | 23:35:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | |
| 2021/12/08 | 23:50:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/08 | 23:50:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/08 | 23:50:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/08 | 23:50:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/08 | 23:53:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/08 | 23:56:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/08 | 23:57:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | |
| 2021/12/09 | 00:49:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/09 | 00:49:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/09 | 00:49:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/09 | 00:49:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/09 | 00:52:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/09 | 00:59:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/09 | 01:00:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | |
| 2021/12/09 | 01:28:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|--|
| 2021/12/09 | 01:28:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/09 | 01:28:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/12/09 | 01:31:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/12/09 | 01:35:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/12/09 | 01:36:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/12/09 | 01:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/09 | 01:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/09 | 01:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | |
| 2021/12/09 | 02:00:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | |
| 2021/12/09 | 02:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2021/12/09 | 02:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2021/12/09 | 02:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2021/12/09 | 02:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2021/12/09 | 02:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/09 | 02:02:56.0 | XRT_QT_PROG_SET_416_OG [0x1a0] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 07 | | |
| 2021/12/09 | 02:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | | |
| 2021/12/09 | 02:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/12/09 | 02:14:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/09 | 02:14:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/09 | 02:14:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/12/09 | 02:17:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/12/09 | 02:32:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/12/09 | 02:33:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/12/09 | 03:07:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/09 | 03:07:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/09 | 03:07:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/12/09 | 03:10:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/12/09 | 03:13:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/12/09 | 03:14:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/12/09 | 03:48:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/09 | 03:48:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/09 | 03:48:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/12/09 | 03:51:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/12/09 | 04:09:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/12/09 | 04:10:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/12/09 | 04:45:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/09 | 04:45:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/09 | 04:45:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/12/09 | 04:48:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/12/09 | 04:52:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/12/09 | 04:53:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/12/09 | 05:17:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/09 | 05:17:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/09 | 05:17:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/12/09 | 05:20:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/12/09 | 05:46:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/12/09 | 05:47:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/12/09 | 05:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/09 | 05:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----|----|----|----|
| 2021/12/09 | 05:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 |
| 2021/12/09 | 06:00:00.0 | AOCs_Ore-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 |
| 2021/12/09 | 06:00:18.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | |
| 2021/12/09 | 06:00:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | |
| 2021/12/09 | 06:00:22.0 | XRT_ARS_DIS_420_OG [0x1a4] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2021/12/09 | 06:02:58.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 12 | | |
| 2021/12/09 | 06:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/12/09 | 06:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/09 | 06:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/09 | 06:09:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 |
| 2021/12/09 | 06:10:00.0 | AOCs_Ore-point_Start_4_OG [0x09a] | AOCU_NM | 5 | 02-76 | 02 | 00 | 00 | 00 |
| 2021/12/09 | 06:10:18.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | |
| 2021/12/09 | 06:10:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | |
| 2021/12/09 | 06:10:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2021/12/09 | 06:10:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2021/12/09 | 06:10:26.0 | XRT_FLD_RESET_421_OG [0x1a5] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/12/09 | 06:12:58.0 | XRT_QT_PROG_SET_432_OG [0x1b0] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0e | | |
| 2021/12/09 | 06:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/12/09 | 06:23:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/09 | 06:23:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/12/09 | 06:23:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2021/12/09 | 06:26:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2021/12/09 | 06:30:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/09 | 06:31:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/12/09 | 06:57:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/09 | 06:57:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/12/09 | 06:57:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2021/12/09 | 07:00:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2021/12/09 | 07:23:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/09 | 07:24:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/12/09 | 08:02:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/09 | 08:02:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/12/09 | 08:02:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2021/12/09 | 08:05:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2021/12/09 | 08:08:30.5 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/09 | 08:09:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/12/09 | 08:38:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/09 | 08:38:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/12/09 | 08:38:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2021/12/09 | 08:41:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2021/12/09 | 09:00:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/09 | 09:01:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/12/09 | 09:40:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/09 | 09:40:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/12/09 | 09:40:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2021/12/09 | 09:43:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2021/12/09 | 09:47:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/09 | 09:48:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/12/09 | 10:17:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |

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|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2021/12/09 | 10:17:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/09 | 10:17:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/09 | 10:20:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/09 | 10:36:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/09 | 10:37:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/09 | 10:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/09 | 10:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/09 | 10:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2021/12/09 | 11:00:00.0 | AOCS_Ore-point_Start_5_OG [0x09b] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 54 e5 02 0c | | | | |
| 2021/12/09 | 11:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/12/09 | 11:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2021/12/09 | 11:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2021/12/09 | 11:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/12/09 | 11:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/09 | 11:02:56.0 | XRT_QT_PROG_SET_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 06 | | | | |
| 2021/12/09 | 11:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | | | | |
| 2021/12/09 | 11:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/09 | 11:19:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/09 | 11:19:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/09 | 11:19:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/09 | 11:22:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/09 | 11:25:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/09 | 11:26:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/09 | 12:57:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/09 | 12:57:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/09 | 12:57:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/09 | 13:00:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/09 | 13:04:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/09 | 13:05:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/09 | 14:35:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/09 | 14:35:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/09 | 14:35:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/09 | 14:38:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/09 | 14:42:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/09 | 14:43:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/09 | 15:44:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/09 | 15:44:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/09 | 15:44:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/09 | 15:47:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/09 | 15:55:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/09 | 15:56:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/09 | 16:14:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/09 | 16:14:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/09 | 16:14:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/09 | 16:17:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/09 | 16:20:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/09 | 16:21:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/09 | 17:19:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/09 | 17:19:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/09 | 17:19:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|--|--|
| 2021/12/09 | 17:22:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e8 | | | |
| 2021/12/09 | 17:42:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2021/12/09 | 17:43:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/12/09 | 17:52:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/09 | 17:52:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/12/09 | 17:52:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2021/12/09 | 17:55:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2021/12/09 | 17:59:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/12/09 | 18:00:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/09 | 18:12:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/09 | 18:12:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/09 | 18:12:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | |
| 2021/12/09 | 18:13:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | |
| 2021/12/09 | 18:13:18.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | |
| 2021/12/09 | 18:13:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | |
| 2021/12/09 | 18:13:22.0 | XRT_ARS_DIS_420_OG [0x1a4] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2021/12/09 | 18:15:58.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 | | | |
| 2021/12/09 | 18:16:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/12/09 | 18:22:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/09 | 18:22:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/09 | 18:22:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | |
| 2021/12/09 | 18:23:00.0 | AOCS_Ore-point_Start_4_OG [0x09a] | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | | | |
| 2021/12/09 | 18:23:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2021/12/09 | 18:23:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2021/12/09 | 18:23:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2021/12/09 | 18:23:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2021/12/09 | 18:23:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/12/09 | 18:25:56.0 | XRT_QT_PROG_SET_442_OG [0x1ba] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09 | | | |
| 2021/12/09 | 18:25:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | | | |
| 2021/12/09 | 18:26:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/12/09 | 18:56:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/09 | 18:56:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/12/09 | 18:56:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2021/12/09 | 18:59:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2021/12/09 | 19:19:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/12/09 | 19:20:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/09 | 19:30:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/09 | 19:30:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/12/09 | 19:30:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2021/12/09 | 19:33:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2021/12/09 | 19:37:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/12/09 | 19:38:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/09 | 20:32:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/09 | 20:32:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/12/09 | 20:32:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2021/12/09 | 20:35:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2021/12/09 | 20:56:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/12/09 | 20:57:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/12/09 | 21:09:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|--|
| 2021/12/09 | 21:09:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/09 | 21:09:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/09 | 21:12:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/12/09 | 21:16:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/12/09 | 21:17:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/12/09 | 22:10:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/09 | 22:10:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/09 | 22:10:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/12/09 | 22:13:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/12/09 | 22:33:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/12/09 | 22:34:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/09 | 22:47:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/12/09 | 22:47:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/09 | 22:47:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/09 | 22:50:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/12/09 | 22:54:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/12/09 | 22:55:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/12/09 | 23:47:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/09 | 23:47:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/09 | 23:47:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/09 | 23:47:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/12/09 | 23:50:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/12/09 | 23:50:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/12/10 | 00:08:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/12/10 | 00:09:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/12/10 | 00:26:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/12/10 | 00:26:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/10 | 00:26:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/10 | 00:29:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/12/10 | 00:32:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/12/10 | 00:33:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/12/10 | 01:24:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/12/10 | 01:24:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/10 | 01:24:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/10 | 01:24:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/12/10 | 01:27:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/12/10 | 01:27:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/12/10 | 01:32:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/12/10 | 01:33:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/12/10 | 01:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/12/10 | 01:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/10 | 01:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/10 | 02:00:00.0 | AOCs_OrE-point_Start_2_OG [0x098] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | |
| 2021/12/10 | 02:00:00.0 | AOCs_OrE-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | |
| 2021/12/10 | 02:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2021/12/10 | 02:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2021/12/10 | 02:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2021/12/10 | 02:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2021/12/10 | 02:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2021/12/10 | 02:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2021/12/10 | 02:02:56.0 | XRT_QT_PROG_SET_416_OG [0x1a0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/10 | 02:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 07 | | |
| 2021/12/10 | 02:04:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | | |
| 2021/12/10 | 02:04:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/10 | 02:04:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/10 | 02:04:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |

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| 2021/12/10 | 02:07:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/10 | 02:11:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/10 | 02:12:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/10 | 02:47:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/10 | 02:47:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/10 | 02:47:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/10 | 02:50:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/10 | 03:07:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/10 | 03:08:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/10 | 03:42:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/10 | 03:42:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/10 | 03:42:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/10 | 03:45:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/10 | 03:49:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/10 | 03:50:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/10 | 04:22:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/10 | 04:22:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/10 | 04:22:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/10 | 04:25:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/10 | 04:44:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/10 | 04:45:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/10 | 05:21:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/10 | 05:21:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/10 | 05:21:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/10 | 05:24:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/10 | 05:28:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/10 | 05:29:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/10 | 05:54:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/10 | 05:54:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/10 | 05:54:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/10 | 05:57:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/10 | 06:21:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/10 | 06:22:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/10 | 06:30:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/10 | 06:30:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/10 | 06:30:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2021/12/10 | 06:31:00.5 | AOCS_Orе-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2021/12/10 | 06:31:18.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2021/12/10 | 06:31:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2021/12/10 | 06:31:22.0 | XRT_ARS_DIS_420_OG [0x1a4] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/12/10 | 06:33:58.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 | | | | |
| 2021/12/10 | 06:34:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/10 | 06:40:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/10 | 06:40:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/10 | 06:40:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2021/12/10 | 06:41:00.0 | AOCS_Orе-point_Start_4_OG [0x09a] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | | | | |
| 2021/12/10 | 06:41:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/12/10 | 06:41:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2021/12/10 | 06:41:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2021/12/10 | 06:41:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |

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| 2021/12/10 | 06:41:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/10 | 06:43:56.0 | XRT_QT_PROG_SET_442_OG [0x1ba] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09 |
| 2021/12/10 | 06:43:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 |
| 2021/12/10 | 06:44:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/10 | 06:59:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/10 | 06:59:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/10 | 06:59:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/10 | 07:02:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/10 | 07:06:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/10 | 07:07:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/10 | 07:34:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/10 | 07:34:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/10 | 07:34:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/10 | 07:37:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/10 | 07:59:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/10 | 08:00:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/10 | 08:37:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/10 | 08:37:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/10 | 08:37:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/10 | 08:40:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/10 | 08:44:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/10 | 08:45:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/10 | 09:14:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/10 | 09:14:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/10 | 09:14:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/10 | 09:17:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/10 | 09:35:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/10 | 09:36:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/10 | 10:16:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/10 | 10:16:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/10 | 10:16:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/10 | 10:19:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/10 | 10:23:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/10 | 10:24:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/10 | 10:54:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/10 | 10:54:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/10 | 10:54:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/10 | 10:57:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/10 | 11:08:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/10 | 11:09:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/10 | 11:54:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/10 | 11:54:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/10 | 11:54:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/10 | 11:57:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/10 | 12:01:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/10 | 12:02:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/10 | 13:33:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/10 | 13:33:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/10 | 13:33:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/10 | 13:36:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | |

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| 2021/12/10 | 13:39:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/12/10 | 13:40:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| 2021/12/10 | 15:11:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/12/10 | 15:11:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/10 | 15:11:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/10 | 15:14:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/12/10 | 15:18:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/12/10 | 15:19:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| 2021/12/10 | 16:18:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/12/10 | 16:18:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/10 | 16:18:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/10 | 16:21:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/12/10 | 16:34:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/12/10 | 16:34:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/10 | 16:34:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/10 | 16:37:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/12/10 | 16:41:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/12/10 | 16:42:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| 2021/12/10 | 16:49:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/12/10 | 16:49:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/10 | 16:49:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/10 | 16:52:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/12/10 | 16:56:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/12/10 | 16:57:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| 2021/12/10 | 17:54:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/12/10 | 17:54:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/10 | 17:54:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/10 | 17:57:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/12/10 | 18:17:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/12/10 | 18:17:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/10 | 18:17:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/10 | 18:17:30.0 | AOCS_Ore-point_Start_2_OG [0x098] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | |
| 2021/12/10 | 18:17:48.0 | XRT_FLD_DIS_409_OG [0x199] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | |
| 2021/12/10 | 18:17:50.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | |
| 2021/12/10 | 18:17:52.0 | XRT_ARS_DIS_420_OG [0x1a4] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | |
| 2021/12/10 | 18:20:28.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2021/12/10 | 18:20:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 | | |
| 2021/12/10 | 18:27:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/12/10 | 18:27:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/10 | 18:27:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/10 | 18:27:30.0 | AOCS_Ore-point_Start_4_OG [0x09a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | |
| 2021/12/10 | 18:27:48.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | | |
| 2021/12/10 | 18:27:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2021/12/10 | 18:27:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2021/12/10 | 18:27:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2021/12/10 | 18:27:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2021/12/10 | 18:28:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/10 | 18:28:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/10 | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----|-------------|
| 2021/12/10 | 18:28:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/12/10 | 18:30:26.0 | XRT_QT_PROG_SET_442_OG [0x1ba] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 09 |
| 2021/12/10 | 18:30:28.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 |
| 2021/12/10 | 18:31:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/10 | 18:35:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2021/12/10 | 18:36:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/12/10 | 19:31:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/10 | 19:31:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/12/10 | 19:31:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/12/10 | 19:34:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/10 | 19:54:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2021/12/10 | 19:55:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/12/10 | 20:06:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/10 | 20:06:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/12/10 | 20:06:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/12/10 | 20:09:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/10 | 20:13:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2021/12/10 | 20:14:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/12/10 | 21:08:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/10 | 21:08:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/12/10 | 21:08:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/12/10 | 21:11:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/10 | 21:31:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2021/12/10 | 21:32:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/12/10 | 21:44:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/10 | 21:44:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/12/10 | 21:44:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/12/10 | 21:47:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/10 | 21:51:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2021/12/10 | 21:52:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/12/10 | 22:45:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/10 | 22:45:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/12/10 | 22:45:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/12/10 | 22:48:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/10 | 23:08:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2021/12/10 | 23:09:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/12/10 | 23:23:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/10 | 23:23:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/12/10 | 23:23:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/12/10 | 23:26:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/10 | 23:30:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2021/12/10 | 23:31:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/12/10 | 23:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/10 | 23:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/10 | 23:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe 97 00 |
| 2021/12/11 | 00:00:00.0 | AOCS_Ore-point_Start_6_OG [0x09c] | AOCU_NM | 5 | 02-76 | 01 | 00 00 00 00 |
| 2021/12/11 | 00:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2021/12/11 | 00:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2021/12/11 | 00:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2021/12/11 | 00:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----|-------------|--|
| 2021/12/11 | 00:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/11 | 00:02:56.0 | XRT_QT_PROG_SET_438_OG [0x1b6] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 05 | |
| 2021/12/11 | 00:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | |
| 2021/12/11 | 00:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/12/11 | 00:22:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/11 | 00:22:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/11 | 00:22:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/12/11 | 00:25:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/12/11 | 00:36:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/12/11 | 00:37:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/12/11 | 01:01:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/11 | 01:01:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/11 | 01:01:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/12/11 | 01:04:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/12/11 | 01:08:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/12/11 | 01:09:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/12/11 | 01:51:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/11 | 01:51:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/11 | 01:51:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/12/11 | 01:54:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/12/11 | 02:06:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/12/11 | 02:07:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/12/11 | 02:40:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/11 | 02:40:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/11 | 02:40:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/12/11 | 02:43:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/12/11 | 02:47:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/12/11 | 02:48:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/12/11 | 03:21:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/11 | 03:21:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/11 | 03:21:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/12/11 | 03:24:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/12/11 | 03:29:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/11 | 03:29:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/11 | 03:29:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff aa 00 | |
| 2021/12/11 | 03:30:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 | 00 00 00 00 | |
| 2021/12/11 | 03:30:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2021/12/11 | 03:30:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2021/12/11 | 03:30:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2021/12/11 | 03:30:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2021/12/11 | 03:30:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/11 | 03:32:56.0 | XRT_QT_PROG_SET_416_OG [0x1a0] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 07 | |
| 2021/12/11 | 03:32:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | |
| 2021/12/11 | 03:42:00.5 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/12/11 | 03:43:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/12/11 | 04:18:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/12/11 | 04:18:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/12/11 | 04:18:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/12/11 | 04:21:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |

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|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2021/12/11 | 04:25:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/11 | 04:26:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/11 | 04:50:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/11 | 04:50:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/11 | 04:50:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/11 | 04:53:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/11 | 05:19:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/11 | 05:20:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/11 | 05:46:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/11 | 05:46:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/11 | 05:46:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2021/12/11 | 05:46:30.0 | AOCS_Ore-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2021/12/11 | 05:46:48.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2021/12/11 | 05:46:50.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2021/12/11 | 05:46:52.0 | XRT_ARS_DIS_420_OG [0x1a4] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/12/11 | 05:49:28.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 | | | | |
| 2021/12/11 | 05:49:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/11 | 05:56:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/11 | 05:56:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/11 | 05:56:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2021/12/11 | 05:56:30.0 | AOCS_Ore-point_Start_4_OG [0x09a] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | | | | |
| 2021/12/11 | 05:56:30.5 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/11 | 05:56:32.5 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/11 | 05:56:34.5 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/11 | 05:56:48.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/12/11 | 05:56:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2021/12/11 | 05:56:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2021/12/11 | 05:56:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/12/11 | 05:56:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/11 | 05:59:26.0 | XRT_QT_PROG_SET_442_OG [0x1ba] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09 | | | | |
| 2021/12/11 | 05:59:28.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | | | | |
| 2021/12/11 | 05:59:44.5 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/11 | 06:03:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/11 | 06:04:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/11 | 06:30:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/11 | 06:30:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/11 | 06:30:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/11 | 06:33:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/11 | 06:57:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/11 | 06:58:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/11 | 07:35:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/11 | 07:35:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/11 | 07:35:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/11 | 07:38:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/11 | 07:42:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/11 | 07:43:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/11 | 08:10:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/11 | 08:10:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/11 | 08:10:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |

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|------------|------------|--------------------------------|---|-------|----|
| 2021/12/11 | 08:13:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/11 | 08:34:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/11 | 08:35:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/11 | 09:13:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/11 | 09:13:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/11 | 09:13:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/11 | 09:16:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/11 | 09:20:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/11 | 09:21:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/11 | 09:50:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/11 | 09:50:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/11 | 09:50:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/11 | 09:53:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/11 | 10:10:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/11 | 10:11:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/11 | 10:51:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/11 | 10:51:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/11 | 10:51:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/11 | 10:54:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/11 | 10:59:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/11 | 11:00:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/11 | 11:32:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/11 | 11:32:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/11 | 11:32:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/11 | 11:35:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/11 | 11:38:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/11 | 11:39:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/11 | 12:30:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/11 | 12:30:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/11 | 12:30:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/11 | 12:33:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/11 | 12:37:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/11 | 12:38:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/11 | 14:08:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/11 | 14:08:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/11 | 14:08:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/11 | 14:11:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/11 | 14:15:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/11 | 14:16:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/11 | 15:19:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/11 | 15:19:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/11 | 15:19:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/11 | 15:22:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/11 | 15:27:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/11 | 15:28:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/11 | 15:47:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/11 | 15:47:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/11 | 15:47:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/11 | 15:50:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/11 | 15:54:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/11 | 15:55:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |

| | | | | | | | | | | |
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| 2021/12/11 | 16:52:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | |
| 2021/12/11 | 16:52:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | | |
| 2021/12/11 | 16:52:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | | |
| 2021/12/11 | 16:55:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | | |
| 2021/12/11 | 17:16:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2021/12/11 | 17:17:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | | |
| 2021/12/11 | 17:25:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | |
| 2021/12/11 | 17:25:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | | |
| 2021/12/11 | 17:25:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | | |
| 2021/12/11 | 17:28:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | | |
| 2021/12/11 | 17:32:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2021/12/11 | 17:33:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | | |
| 2021/12/11 | 17:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | |
| 2021/12/11 | 17:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | |
| 2021/12/11 | 17:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | | |
| 2021/12/11 | 18:00:00.0 | AOCS_Or-point_Start_2_OG [0x098] | | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | | |
| 2021/12/11 | 18:00:18.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | | |
| 2021/12/11 | 18:00:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | | |
| 2021/12/11 | 18:00:22.0 | XRT_ARS_DIS_420_OG [0x1a4] | | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | | |
| 2021/12/11 | 18:02:58.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 | | | | | |
| 2021/12/11 | 18:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | | |
| 2021/12/11 | 18:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | |
| 2021/12/11 | 18:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | |
| 2021/12/11 | 18:09:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | | |
| 2021/12/11 | 18:10:00.0 | AOCS_Or-point_Start_4_OG [0x09a] | | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | | | | | |
| 2021/12/11 | 18:10:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | | |
| 2021/12/11 | 18:10:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | | |
| 2021/12/11 | 18:10:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | | |
| 2021/12/11 | 18:10:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | | |
| 2021/12/11 | 18:10:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | | |
| 2021/12/11 | 18:12:56.0 | XRT_QT_PROG_SET_442_OG [0x1ba] | | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09 | | | | | |
| 2021/12/11 | 18:12:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | | | | | |
| 2021/12/11 | 18:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | | |
| 2021/12/11 | 18:29:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | |
| 2021/12/11 | 18:29:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | | |
| 2021/12/11 | 18:29:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | | |
| 2021/12/11 | 18:32:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | | |
| 2021/12/11 | 18:53:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2021/12/11 | 18:54:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | | |
| 2021/12/11 | 19:03:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | |
| 2021/12/11 | 19:03:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | | |
| 2021/12/11 | 19:03:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | | |
| 2021/12/11 | 19:06:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | | |
| 2021/12/11 | 19:11:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2021/12/11 | 19:12:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | | |
| 2021/12/11 | 20:06:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | |
| 2021/12/11 | 20:06:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | | |
| 2021/12/11 | 20:06:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | | |
| 2021/12/11 | 20:09:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | | |

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| 2021/12/11 | 20:29:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/11 | 20:30:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/11 | 20:42:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/11 | 20:42:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/11 | 20:42:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/11 | 20:45:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/11 | 20:49:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/11 | 20:50:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/11 | 21:43:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/11 | 21:43:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/11 | 21:43:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/11 | 21:46:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/11 | 22:06:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/11 | 22:07:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/11 | 22:20:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/11 | 22:20:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/11 | 22:20:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/11 | 22:23:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/11 | 22:27:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/11 | 22:28:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/11 | 23:20:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/11 | 23:20:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/11 | 23:20:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/11 | 23:23:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/11 | 23:42:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/11 | 23:43:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/11 | 23:59:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/11 | 23:59:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/11 | 23:59:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/12 | 00:02:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/12 | 00:06:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/12 | 00:07:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/12 | 00:58:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/12 | 00:58:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/12 | 00:58:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/12 | 01:01:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/12 | 01:07:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/12 | 01:08:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/12 | 01:37:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/12 | 01:37:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/12 | 01:37:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/12 | 01:40:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/12 | 01:44:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/12 | 01:45:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/12 | 01:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/12 | 01:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/12 | 01:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | |
| | | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2021/12/12 | 02:00:00.0 | AOCS_OrE-point_Start_2_OG [0x098] | | | | |
| | | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2021/12/12 | 02:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | |
| | | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2021/12/12 | 02:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | |
| | | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |

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| 2021/12/12 | 02:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2021/12/12 | 02:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2021/12/12 | 02:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/12 | 02:02:56.0 | XRT_QT_PROG_SET_416_OG [0x1a0] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 07 |
| 2021/12/12 | 02:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 |
| 2021/12/12 | 02:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/12 | 02:22:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/12 | 02:22:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/12 | 02:22:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/12 | 02:25:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/12 | 02:40:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/12 | 02:41:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/12 | 03:15:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/12 | 03:15:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/12 | 03:15:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/12 | 03:18:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/12 | 03:22:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/12 | 03:23:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/12 | 03:56:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/12 | 03:56:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/12 | 03:56:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/12 | 03:59:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/12 | 04:17:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/12 | 04:18:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/12 | 04:54:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/12 | 04:54:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/12 | 04:54:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/12 | 04:57:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/12 | 05:01:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/12 | 05:02:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/12 | 05:26:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/12 | 05:26:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/12 | 05:26:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/12 | 05:29:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/12 | 05:55:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/12 | 05:56:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/12 | 06:03:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/12 | 06:03:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/12 | 06:03:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2021/12/12 | 06:04:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2021/12/12 | 06:04:18.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2021/12/12 | 06:04:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2021/12/12 | 06:04:22.0 | XRT_ARS_DIS_420_OG [0x1a4] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2021/12/12 | 06:06:58.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 |
| 2021/12/12 | 06:07:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/12 | 06:13:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/12 | 06:13:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/12 | 06:13:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2021/12/12 | 06:14:00.0 | AOCS_ORe-point_Start_4_OG [0x09a] | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 |

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| 2021/12/12 | 06:14:18.0 | XRT_FLD_DIS_409_OG [0x199] | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2021/12/12 | 06:14:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2021/12/12 | 06:14:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2021/12/12 | 06:14:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2021/12/12 | 06:14:26.0 | XRT_FLD_RESET_421_OG [0x1a5] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/12 | 06:16:58.0 | XRT_QT_PROG_SET_432_OG [0x1b0] | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0e |
| 2021/12/12 | 06:17:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/12 | 06:32:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/12 | 06:32:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/12 | 06:32:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/12 | 06:35:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/12 | 06:39:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/12 | 06:40:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/12 | 07:06:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/12 | 07:06:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/12 | 07:06:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/12 | 07:09:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/12 | 07:32:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/12 | 07:33:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/12 | 08:10:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/12 | 08:10:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/12 | 08:10:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/12 | 08:13:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/12 | 08:18:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/12 | 08:19:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/12 | 08:47:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/12 | 08:47:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/12 | 08:47:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/12 | 08:50:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/12 | 09:09:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/12 | 09:10:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/12 | 09:49:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/12 | 09:49:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/12 | 09:49:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/12 | 09:52:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/12 | 09:56:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/12 | 09:57:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/12 | 10:26:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/12 | 10:26:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/12 | 10:26:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/12 | 10:29:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/12 | 10:44:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/12 | 10:45:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/12 | 11:27:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/12 | 11:27:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/12 | 11:27:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/12 | 11:30:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/12 | 11:34:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/12 | 11:35:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/12 | 13:06:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |

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|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2021/12/12 | 13:06:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/12 | 13:06:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/12 | 13:09:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/12 | 13:13:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/12 | 13:14:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/12 | 14:44:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/12 | 14:44:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/12 | 14:44:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/12 | 14:47:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/12 | 14:51:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/12 | 14:52:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/12 | 15:52:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/12 | 15:52:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/12 | 15:52:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/12 | 15:55:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/12 | 16:04:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/12 | 16:05:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/12 | 16:22:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/12 | 16:22:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/12 | 16:22:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/12 | 16:25:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/12 | 16:30:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/12 | 16:31:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/12 | 17:27:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/12 | 17:27:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/12 | 17:27:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/12 | 17:30:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/12 | 17:51:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/12 | 17:52:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/12 | 18:01:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/12 | 18:01:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/12 | 18:01:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/12 | 18:04:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/12 | 18:08:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/12 | 18:09:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/12 | 18:21:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/12 | 18:21:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/12 | 18:21:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2021/12/12 | 18:21:30.0 | AOCS_OrE-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2021/12/12 | 18:21:48.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2021/12/12 | 18:21:50.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2021/12/12 | 18:21:52.0 | XRT_ARS_DIS_420_OG [0x1a4] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/12/12 | 18:24:28.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 | | | | |
| 2021/12/12 | 18:24:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/12 | 18:31:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/12 | 18:31:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/12 | 18:31:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2021/12/12 | 18:31:30.0 | AOCS_OrE-point_Start_4_OG [0x09a] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | | | | |
| 2021/12/12 | 18:31:48.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/12/12 | 18:31:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |

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| 2021/12/12 | 18:31:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| | | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2021/12/12 | 18:31:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2021/12/12 | 18:31:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/12 | 18:34:26.0 | XRT_QT_PROG_SET_442_OG [0x1ba] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09 |
| 2021/12/12 | 18:34:28.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 |
| 2021/12/12 | 18:34:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/12 | 19:04:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/12 | 19:04:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/12 | 19:04:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/12 | 19:07:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/12 | 19:28:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/12 | 19:29:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/12 | 19:39:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/12 | 19:39:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/12 | 19:39:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/12 | 19:42:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/12 | 19:46:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/12 | 19:47:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/12 | 20:41:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/12 | 20:41:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/12 | 20:41:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/12 | 20:44:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/12 | 21:04:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/12 | 21:05:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/12 | 21:17:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/12 | 21:17:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/12 | 21:17:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/12 | 21:20:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/12 | 21:25:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/12 | 21:26:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/12 | 22:18:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/12 | 22:18:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/12 | 22:18:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/12 | 22:21:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/12 | 22:41:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/12 | 22:42:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/12 | 22:56:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/12 | 22:56:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/12 | 22:56:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/12 | 22:59:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/12 | 23:03:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/12 | 23:04:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/12 | 23:56:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/12 | 23:56:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/12 | 23:56:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/12 | 23:59:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/13 | 00:15:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/13 | 00:16:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/13 | 00:34:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/13 | 00:34:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | |

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| 2021/12/13 | 00:34:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/13 | 00:37:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/13 | 00:42:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/13 | 00:43:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/13 | 01:33:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/13 | 01:33:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/13 | 01:33:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/13 | 01:36:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/13 | 01:40:00.5 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/13 | 01:41:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/13 | 01:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/13 | 01:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/13 | 01:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2021/12/13 | 02:00:00.0 | AOCS_Or-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2021/12/13 | 02:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2021/12/13 | 02:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2021/12/13 | 02:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2021/12/13 | 02:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2021/12/13 | 02:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/13 | 02:02:56.0 | XRT_QT_PROG_SET_416_OG [0x1a0] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 07 |
| 2021/12/13 | 02:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 |
| 2021/12/13 | 02:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/13 | 02:13:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/13 | 02:13:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/13 | 02:13:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/13 | 02:16:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/13 | 02:20:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/13 | 02:21:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/13 | 02:55:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/13 | 02:55:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/13 | 02:55:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/13 | 02:58:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/13 | 03:15:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/13 | 03:16:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/13 | 03:51:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/13 | 03:51:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/13 | 03:51:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/13 | 03:54:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/13 | 03:58:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/13 | 03:59:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/13 | 04:28:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/13 | 04:28:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/13 | 04:28:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/13 | 04:31:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/13 | 04:52:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/13 | 04:53:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/13 | 05:29:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/13 | 05:29:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/13 | 05:29:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |

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| 2021/12/13 | 05:32:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/13 | 05:37:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/13 | 05:38:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/13 | 06:02:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/13 | 06:02:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/13 | 06:02:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/13 | 06:05:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/13 | 06:30:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/13 | 06:31:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/13 | 06:39:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/13 | 06:39:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/13 | 06:39:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2021/12/13 | 06:39:30.0 | AOCS_OrE-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2021/12/13 | 06:39:48.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2021/12/13 | 06:39:50.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2021/12/13 | 06:39:52.0 | XRT_ARS_DIS_420_OG [0x1a4] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/12/13 | 06:42:28.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 | | | | |
| 2021/12/13 | 06:42:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/13 | 06:49:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/13 | 06:49:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/13 | 06:49:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2021/12/13 | 06:49:30.0 | AOCS_OrE-point_Start_4_OG [0x09a] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | | | | |
| 2021/12/13 | 06:49:48.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/12/13 | 06:49:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2021/12/13 | 06:49:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2021/12/13 | 06:49:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/12/13 | 06:49:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/13 | 06:52:26.0 | XRT_QT_PROG_SET_442_OG [0x1ba] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09 | | | | |
| 2021/12/13 | 06:52:28.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | | | | |
| 2021/12/13 | 06:52:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/13 | 07:08:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/13 | 07:08:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/13 | 07:08:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/13 | 07:11:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/13 | 07:15:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/13 | 07:16:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/13 | 07:43:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/13 | 07:43:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/13 | 07:43:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/13 | 07:46:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/13 | 08:07:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/13 | 08:08:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/13 | 08:46:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/13 | 08:46:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/13 | 08:46:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/13 | 08:49:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/13 | 08:53:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/13 | 08:54:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/13 | 09:22:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |

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| 2021/12/13 | 09:22:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/13 | 09:22:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/13 | 09:25:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/13 | 09:44:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/13 | 09:45:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/13 | 09:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/13 | 09:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/13 | 09:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2021/12/13 | 10:00:00.0 | AOCS_Ore-point_Start_7_OG [0x09d] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 d0 5b 02 0c | | | | |
| 2021/12/13 | 10:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/12/13 | 10:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2021/12/13 | 10:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2021/12/13 | 10:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/12/13 | 10:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/13 | 10:02:56.0 | XRT_QT_PROG_SET_417_OG [0x1a1] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 14 | | | | |
| 2021/12/13 | 10:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | | | | |
| 2021/12/13 | 10:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/13 | 10:24:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/13 | 10:24:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/13 | 10:24:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/13 | 10:27:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/13 | 10:32:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/13 | 10:33:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/13 | 11:03:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/13 | 11:03:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/13 | 11:03:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/13 | 11:06:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/13 | 11:16:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/13 | 11:17:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/13 | 12:03:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/13 | 12:03:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/13 | 12:03:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/13 | 12:06:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/13 | 12:10:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/12/13 | 12:11:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/13 | 13:29:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/13 | 13:29:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/13 | 13:29:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2021/12/13 | 13:30:00.0 | AOCS_Ore-point_Start_8_OG [0x09e] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 3a 24 02 0c | | | | |
| 2021/12/13 | 13:30:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/12/13 | 13:30:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2021/12/13 | 13:30:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2021/12/13 | 13:30:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/12/13 | 13:30:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/13 | 13:32:56.0 | XRT_QT_PROG_SET_417_OG [0x1a1] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 14 | | | | |
| 2021/12/13 | 13:32:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | | | | |
| 2021/12/13 | 13:33:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/13 | 13:41:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/13 | 13:41:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |

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|------------|------------|--------------------------------------|---------------------|---|-------|----|----|----|----|----|
| 2021/12/13 | 13:41:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/13 | 13:44:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/13 | 13:49:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2021/12/13 | 13:50:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/13 | 15:20:00.5 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/13 | 15:20:02.5 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/13 | 15:20:04.5 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/13 | 15:23:14.5 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/13 | 15:27:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2021/12/13 | 15:28:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/13 | 16:26:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/13 | 16:26:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/13 | 16:26:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/13 | 16:29:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/13 | 16:49:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2021/12/13 | 16:50:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/13 | 16:58:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/13 | 16:58:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/13 | 16:58:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/13 | 17:01:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/12/13 | 17:05:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2021/12/13 | 17:06:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/13 | 17:37:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/13 | 17:37:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/13 | 17:37:58.0 | XRT_FOCUS_RECALIBRATE_427_OG [0x1ab] | XRT_FOCUS_RECAL | 2 | 07-F8 | 78 | 00 | | | |
| 2021/12/13 | 17:38:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| 2021/12/13 | 17:41:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2021/12/13 | 17:42:18.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2021/12/13 | 17:42:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2021/12/13 | 17:42:22.0 | XRT_ARS_DIS_431_OG [0x1af] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/12/13 | 17:42:24.0 | XRT_QT_PROG_SET_401_OG [0x191] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 03 | | | |
| 2021/12/13 | 17:42:26.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/13 | 17:47:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/13 | 17:47:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/13 | 17:47:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2021/12/13 | 17:48:00.0 | AOCS_Ore-point_Start_4_OG [0x09a] | AOCU_NM | 5 | 02-76 | 02 | 00 | 00 | 00 | 00 |
| 2021/12/13 | 17:48:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/12/13 | 17:48:20.5 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2021/12/13 | 17:48:22.5 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2021/12/13 | 17:48:24.5 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/12/13 | 17:48:26.5 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/13 | 17:50:56.5 | XRT_QT_PROG_SET_442_OG [0x1ba] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 09 | | | |
| 2021/12/13 | 17:50:58.5 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | | | |
| 2021/12/13 | 17:51:00.5 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/12/13 | 18:02:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/12/13 | 18:02:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/12/13 | 18:02:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/12/13 | 18:05:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |

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|------------|------------|--------------------------------|---|-------|----|
| 2021/12/13 | 18:26:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/13 | 18:27:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/13 | 18:36:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/13 | 18:36:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/13 | 18:36:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/13 | 18:39:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/13 | 18:44:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/13 | 18:45:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/13 | 19:39:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/13 | 19:39:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/13 | 19:39:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/13 | 19:42:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/13 | 20:03:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/13 | 20:04:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/13 | 20:15:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/13 | 20:15:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/13 | 20:15:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/13 | 20:18:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/13 | 20:22:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/13 | 20:23:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/13 | 21:16:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/13 | 21:16:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/13 | 21:16:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/13 | 21:19:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/13 | 21:40:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/13 | 21:41:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/13 | 21:53:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/13 | 21:53:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/13 | 21:53:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/13 | 21:56:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/13 | 22:01:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/13 | 22:02:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/13 | 22:54:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/13 | 22:54:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/13 | 22:54:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/13 | 22:57:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/13 | 23:16:00.5 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/13 | 23:17:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/13 | 23:32:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/13 | 23:32:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/13 | 23:32:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/13 | 23:35:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/13 | 23:39:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/13 | 23:40:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/14 | 00:31:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/14 | 00:31:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/14 | 00:31:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/14 | 00:34:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/14 | 00:43:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/12/14 | 00:44:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/14 | 01:10:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|
| 2021/12/14 | 01:10:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/14 | 01:10:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/14 | 01:13:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/14 | 01:17:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/14 | 01:18:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/14 | 01:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/14 | 01:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/14 | 01:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2021/12/14 | 02:00:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2021/12/14 | 02:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2021/12/14 | 02:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2021/12/14 | 02:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2021/12/14 | 02:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2021/12/14 | 02:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/14 | 02:02:56.0 | XRT_QT_PROG_SET_416_OG [0x1a0] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 07 |
| 2021/12/14 | 02:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 |
| 2021/12/14 | 02:14:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/14 | 02:15:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/14 | 02:48:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/14 | 02:48:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/14 | 02:48:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/14 | 02:51:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/14 | 02:56:00.5 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/14 | 02:57:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/14 | 03:30:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/14 | 03:30:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/14 | 03:30:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/14 | 03:33:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/14 | 03:50:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/14 | 03:51:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/14 | 04:27:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/14 | 04:27:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/14 | 04:27:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/14 | 04:30:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/14 | 04:34:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/14 | 04:35:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/14 | 04:58:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/14 | 04:58:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/12/14 | 04:58:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/12/14 | 05:01:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/12/14 | 05:28:00.5 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/12/14 | 05:29:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/12/14 | 05:55:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/14 | 05:55:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/12/14 | 05:55:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2021/12/14 | 05:55:30.0 | AOCS_Ore-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2021/12/14 | 05:55:48.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2021/12/14 | 05:55:50.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2021/12/14 | 05:55:52.0 | XRT_ARS_DIS_420_OG [0x1a4] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2021/12/14 | 05:58:28.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|-------|----------|
| 2021/12/14 | 05:58:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 12 |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/12/14 | 06:05:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/14 | 06:05:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/14 | 06:05:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe | 97 00 |
| 2021/12/14 | 06:05:30.0 | AOCS_Ore-point_Start_4_OG [0x09a] | AOCU_NM | 5 | 02-76 | 02 00 | 00 00 00 |
| 2021/12/14 | 06:05:48.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2021/12/14 | 06:05:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2021/12/14 | 06:05:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2021/12/14 | 06:05:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2021/12/14 | 06:05:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/12/14 | 06:08:26.0 | XRT_QT_PROG_SET_442_OG [0x1ba] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 09 |
| 2021/12/14 | 06:08:28.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 |
| 2021/12/14 | 06:08:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/12/14 | 06:39:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/14 | 06:39:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/12/14 | 06:39:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/12/14 | 06:42:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/14 | 07:05:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2021/12/14 | 07:06:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/12/14 | 07:43:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/14 | 07:43:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/12/14 | 07:43:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/12/14 | 07:46:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/14 | 07:51:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2021/12/14 | 07:52:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/12/14 | 08:19:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/14 | 08:19:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/12/14 | 08:19:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/12/14 | 08:22:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/14 | 08:42:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2021/12/14 | 08:43:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/12/14 | 09:22:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/14 | 09:22:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/12/14 | 09:22:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/12/14 | 09:25:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/14 | 09:29:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2021/12/14 | 09:30:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/12/14 | 09:59:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/14 | 09:59:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/12/14 | 09:59:04.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/12/14 | 10:02:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/14 | 10:18:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2021/12/14 | 10:19:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/12/14 | 11:00:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/12/14 | 11:00:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/12/14 | 11:00:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/12/14 | 11:03:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/12/14 | 11:08:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2021/12/14 | 11:09:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |

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|------------|------------|-----------------------------------|---|----------------------|
| 2021/12/14 | 11:41:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 c1 |
| 2021/12/14 | 11:41:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 da |
| 2021/12/14 | 11:41:34.0 | XRT_PREFLR_STRT_426_OG [0x1aa] | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 e8 |
| 2021/12/14 | 11:44:30.0 | XRT_Custom_430_OG [0x1ae] | | |
| 2021/12/14 | 11:44:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 e9 |
| 2021/12/14 | 11:45:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 c0 |
| 2021/12/14 | 11:49:20.5 | XRT_CTRL_MANU_402_OG [0x192] | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 c1 |
| 2021/12/14 | 12:12:00.5 | AOCS_OrE-point_Start_2_OG [0x098] | | |
| | | AOCU_NM | 5 | 02-76 00 00 00 00 00 |