

XRT Timeline to be uploaded on 2024/02/06

Period: 2024/02/06 11:54:00 - 2024/02/10 11:10:00

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Normal mode

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XOB #1BD5: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 180s cad (G-band/Leak last)

| Term | Pointing (x, y) | Comment |
|---------------------------------|-------------------------|---------------------------------|
| 02/06 12:07:00 - 02/06 12:19:54 | Fixed (936.0, 0.0) | # OP start + 10min HOP130 01/15 |
| 02/06 12:23:00 - 02/06 12:35:54 | Fixed (468.0, 0.0) | HOP130 02/15 |
| 02/06 12:55:00 - 02/06 13:07:54 | Fixed (-468.0, 0.0) | HOP130 04/15 |
| 02/06 13:11:00 - 02/06 13:23:54 | Fixed (-936.0, 0.0) | HOP130 05/15 |
| 02/06 13:27:00 - 02/06 13:33:54 | Fixed (815.0, 470.0) | HOP130 06/15 |
| 02/06 13:37:00 - 02/06 13:49:54 | Fixed (411.0, 847.0) | HOP130 07/15 |
| 02/06 13:53:00 - 02/06 14:05:54 | Fixed (0.0, 941.0) | HOP130 08/15 |
| 02/06 14:09:00 - 02/06 14:21:54 | Fixed (-411.0, 847.0) | HOP130 09/15 |
| 02/06 14:25:00 - 02/06 14:31:54 | Fixed (-815.0, 470.0) | HOP130 10/15 |
| 02/06 14:35:00 - 02/06 14:41:54 | Fixed (815.0, -470.0) | HOP130 11/15 |
| 02/06 14:45:00 - 02/06 15:12:54 | Fixed (411.0, -847.0) | HOP130 12/15 |
| 02/06 15:16:00 - 02/06 15:28:54 | Fixed (0.0, -941.0) | HOP130 13/15 |
| 02/06 15:32:00 - 02/06 15:44:54 | Fixed (-411.0, -847.0) | HOP130 14/15 |
| 02/06 15:48:00 - 02/06 15:53:54 | Fixed (-815.0, -471.0) | HOP130 15/15 |

PROG= 08 Inf.-time(s)

| | | | | | | | | | | | | |
|------------------------------------|----------------|-------|------|-------|-------|-----|-----|------------------------|-------|------------|----------|--------|
| Subr= 1 20-time(s) 180.0sec | | | | | | | | | | | | |
| 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 #1D07: Synoptic 8 Filter w/ Al-mesh(5/128/723), Al-poly(8/181/1443), Thin-Be(33/512/4096), Thick-Be(32768), Med-Al(256/8192/32768), Med-Be(128/5795)

| Term | Pointing (x, y) | Comment |
|---------------------------------|-------------------|-----------------------------|
| 02/06 12:39:00 - 02/06 12:51:54 | Fixed (0.0, 0.0) | HOP130 03/15 |
| 02/06 17:51:00 - 02/06 17:57:54 | Fixed (0.0, 0.0) | synoptic, shifted -12.0 min |
| 02/07 18:06:00 - 02/07 18:12:54 | Fixed (0.0, 0.0) | synoptic, shifted 3.0 min |

PROG= 19 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= 26 1-time(s) 2.0sec | | | | | | | | | | | | |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 5ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 125ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 707ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 99 1-time(s) 2.0sec | | | | | | | | | | | | |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 8ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 177ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Al-poly/Open | Al-poly/thick-Al | close | Safe | Norm | 1.41s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 83 1-time(s) 2.0sec | | | | | | | | | | | | |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 32ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 4.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 23 1-time(s) 4.0sec | | | | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 2048x2048 (1024, 1024) | Q=90 | 0 | 0 | 2.0sec |
| Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Subr= 2 1-time(s) 2.0sec | | | | | | | | | | | | |
| Seqn= 41 1-time(s) 2.0sec | | | | | | | | | | | | |
| Open/thick-Be | Open/thick-Be | close | Safe | Norm | 32.0s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Seqn= 17 1-time(s) 2.0sec | | | | | | | | | | | | |
| med-Al/Open | med-Al/thick-Al | close | Safe | Norm | 250ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| med-Al/Open | med-Al/thick-Al | close | Safe | Norm | 8.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| med-Al/Open | med-Al/Open | close | Safe | Norm | 32.0s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 33 1-time(s) 2.0sec | | | | | | | | | | | | |
| med-Be/Open | Open/thick-Al | close | Safe | Norm | 125ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| med-Be/Open | med-Be/Open | close | Safe | Norm | 5.66s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| med-Be/Open | med-Be/Open | close | Safe | Norm | 22.6s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 75 1-time(s) 2.0sec | | | | | | | | | | | | |
| Al-poly/Ti-poly | Al-poly/thick-Al | close | Safe | Norm | 44ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Al-poly/Ti-poly | Al-poly/thick-Al | close | Safe | Norm | 2.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

XOB #1C91: AR (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 512x512 at 1064 1048, thick-Al context, with G-band (1ms/1ms leak), 180s

| Term | Pointing (x, y) | Comment |
|---------------------------------|---|---------------------------------------|
| 02/06 15:57:00 - 02/06 17:47:54 | Track (-732.4, -229.6) ^{© 02/06 15:54:00} | End of HOP130. AR 13576 observations. |
| 02/06 18:01:00 - 02/07 05:59:54 | Track (-720.1, -228.0) ^{© 02/06 17:58:00} | # AR cont. |

PROG= 09 Inf.-time(s)

| Subr= | 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 |
| Seqn= 71 | 3-time(s) | 2.0sec | | | | | | | | | | |
| Open/thick-Al | Open/thick-Be | close | Safe | Norm | 16.0s | Obs | 1x1 | 512x512 (1064, 1048) | Q=98 | 3 | 0 | 2.0sec |
| Subr= 2 | 40-time(s) | 180.0sec | | | | | | | | | | |
| Seqn= 94 | 1-time(s) | 40.0sec | | | | | | | | | | |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 512x512 (1064, 1048) | Q=95 | 2 | 0 | 2.0sec |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 512x512 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| Seqn= 58 | 1-time(s) | 40.0sec | | | | | | | | | | |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 1 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 1 | 2.0sec |
| Seqn= 48 | 1-time(s) | 2.0sec | | | | | | | | | | |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 2 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 2 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

XOB #1D08: Synoptic for HOP448 w/ Al-mesh(3/128/723), Al-poly(5/181/1443), Thin-Be(24/512/4096), Thick-Be(32768), Med-Al(181/5795/32768), Med-Be(88/4

| Term | Pointing (x, y) | Comment |
|---------------------------------|-------------------|----------------------------|
| 02/07 06:03:00 - 02/07 06:09:54 | Fixed (0.0, 0.0) | synoptic |
| 02/08 06:23:00 - 02/08 06:29:54 | Fixed (0.0, 0.0) | synoptic, shifted 20.0 min |

PROG= 05 1-time(s)

| Subr= | 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= 55 | 1-time(s) | 2.0sec | | | | | | | | | | |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 2ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 125ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 707ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 98 | 1-time(s) | 2.0sec | | | | | | | | | | |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 5ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 177ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Al-poly/Open | Al-poly/thick-Al | close | Safe | Norm | 1.41s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 76 | 1-time(s) | 2.0sec | | | | | | | | | | |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 24ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 4.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 23 | 1-time(s) | 4.0sec | | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 2048x2048 (1024, 1024) | Q=90 | 0 | 0 | 2.0sec |
| Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Subr= 2 | 1-time(s) | 2.0sec | | | | | | | | | | |
| Seqn= 41 | 1-time(s) | 2.0sec | | | | | | | | | | |
| Open/thick-Be | Open/thick-Be | close | Safe | Norm | 32.0s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Seqn= 18 | 1-time(s) | 2.0sec | | | | | | | | | | |
| med-Al/Open | med-Al/thick-Al | close | Safe | Norm | 177ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| med-Al/Open | med-Al/Open | close | Safe | Norm | 5.66s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| med-Al/Open | med-Al/Open | close | Safe | Norm | 32.0s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 86 | 1-time(s) | 2.0sec | | | | | | | | | | |
| med-Be/Open | Open/thick-Al | close | Safe | Norm | 86ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| med-Be/Open | med-Be/Open | close | Safe | Norm | 4.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| med-Be/Open | med-Be/Open | close | Safe | Norm | 22.6s | Obs | 2x2 | 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 #1C93: AR (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 512x512 at 1064 1048, thick-Al context, with G-band (1ms/1ms leak), 240s

| Term | Pointing (x, y) | Comment |
|---------------------------------|---|------------|
| 02/07 06:13:00 - 02/07 11:49:54 | Track (-642.2, -219.1) ^{© 02/07 06:10:00} | # AR cont. |
| 02/07 18:16:00 - 02/08 06:19:54 | Track (-556.8, -211.3) ^{© 02/07 18:13:00} | # AR cont. |
| 02/08 06:33:00 - 02/08 10:43:00 | Fixed (-21.0, -39.0) | # AR cont. |

PROG= 01 Inf.-time(s)

| Subr= | 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 |
| Seqn= 71 | 3-time(s) | 2.0sec | | | | | | | | | | |

| | | | | | | | | | | | | |
|------------------------------------|----------------|-------|------|-------|-------|-----|-----|----------------------|-------|------------|----------|--------|
| Open/thick-Al | Open/thick-Be | close | Safe | Norm | 16.0s | Obs | 1x1 | 512x512 (1064, 1048) | Q=98 | 3 | 0 | 2.0sec |
| Subr= 2 30-time(s) 240.0sec | | | | | | | | | | | | |
| Seqn= 94 1-time(s) 40.0sec | | | | | | | | | | | | |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 512x512 (1064, 1048) | Q=95 | 2 | 0 | 2.0sec |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 512x512 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| Seqn= 58 1-time(s) 40.0sec | | | | | | | | | | | | |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 1 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 1 | 2.0sec |
| Seqn= 48 1-time(s) 2.0sec | | | | | | | | | | | | |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 2 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 2 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

| XOB #1CE6: HOP81/206 1-filter - Al/poly 6s, 120s cadence, G-band - 384x384 1ms | | | | | | | | | | | | |
|---|------------------------|-------|------|-------|-------|-----|-----|----------------------|-------|------------|----------|--------|
| Term | Pointing (x, y) | | | | | | | Comment | | | | |
| 02/07 11:53:00 - 02/07 18:02:54 | Fixed (-21.0, -959.0) | | | | | | | # HOP 81 | | | | |
| PROG= 10 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= 24 1-time(s) 120.0sec | | | | | | | | | | | | |
| 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 | |

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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 | | | | |
| 02/06 12:07:00 - 02/06 12:19:54 | Fixed (936.0, 0.0) | | | | | | | # OP start + 10min HOP130 01/15 | | | | |
| 02/06 12:23:00 - 02/06 12:35:54 | Fixed (468.0, 0.0) | | | | | | | HOP130 02/15 | | | | |
| 02/06 12:55:00 - 02/06 13:07:54 | Fixed (-468.0, 0.0) | | | | | | | HOP130 04/15 | | | | |
| 02/06 13:11:00 - 02/06 13:23:54 | Fixed (-936.0, 0.0) | | | | | | | HOP130 05/15 | | | | |
| 02/06 13:27:00 - 02/06 13:33:54 | Fixed (815.0, 470.0) | | | | | | | HOP130 06/15 | | | | |
| 02/06 13:37:00 - 02/06 13:49:54 | Fixed (411.0, 847.0) | | | | | | | HOP130 07/15 | | | | |
| 02/06 13:53:00 - 02/06 14:05:54 | Fixed (0.0, 941.0) | | | | | | | HOP130 08/15 | | | | |
| 02/06 14:09:00 - 02/06 14:21:54 | Fixed (-411.0, 847.0) | | | | | | | HOP130 09/15 | | | | |
| 02/06 14:25:00 - 02/06 14:31:54 | Fixed (-815.0, 470.0) | | | | | | | HOP130 10/15 | | | | |
| 02/06 14:35:00 - 02/06 14:41:54 | Fixed (815.0, -470.0) | | | | | | | HOP130 11/15 | | | | |
| 02/06 14:45:00 - 02/06 15:12:54 | Fixed (411.0, -847.0) | | | | | | | HOP130 12/15 | | | | |
| 02/06 15:16:00 - 02/06 15:28:54 | Fixed (0.0, -941.0) | | | | | | | HOP130 13/15 | | | | |
| 02/06 15:32:00 - 02/06 15:44:54 | Fixed (-411.0, -847.0) | | | | | | | HOP130 14/15 | | | | |
| 02/06 15:48:00 - 02/06 15:53:54 | Fixed (-815.0, -471.0) | | | | | | | HOP130 15/15 | | | | |
| 02/06 15:57:00 - 02/06 17:47:54 | Track (-732.4, -229.6) ^{02/06 15:54:00} | | | | | | | End of HOP130. AR 13576 observations. | | | | |
| 02/06 18:01:00 - 02/07 05:59:54 | Track (-720.1, -228.0) ^{02/06 17:58:00} | | | | | | | # AR cont. | | | | |
| 02/07 06:13:00 - 02/07 11:49:54 | Track (-642.2, -219.1) ^{02/07 06:10:00} | | | | | | | # AR cont. | | | | |
| 02/07 11:53:00 - 02/07 18:02:54 | Fixed (-21.0, -959.0) | | | | | | | # HOP 81 | | | | |
| 02/07 18:16:00 - 02/08 06:19:54 | Track (-556.8, -211.3) ^{02/07 18:13:00} | | | | | | | # AR cont. | | | | |
| 02/08 06:33:00 - 02/08 10:43:00 | Fixed (-21.0, -39.0) | | | | | | | # AR cont. | | | | |
| PROG= 12 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

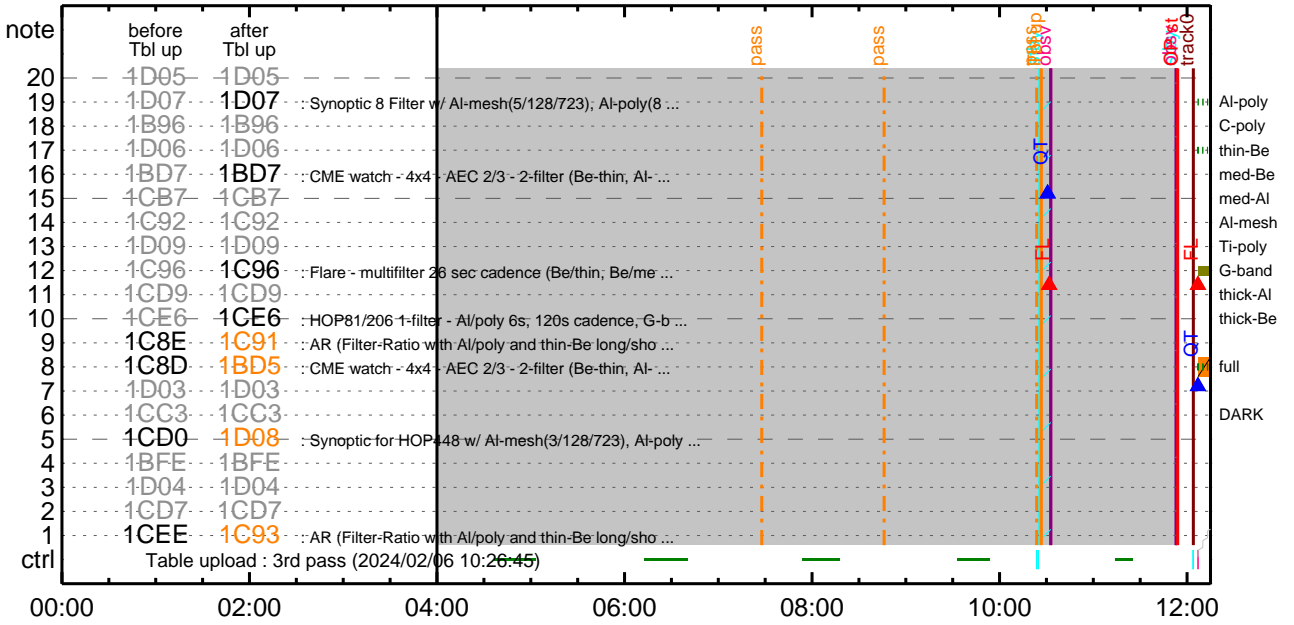
* * * * *

Flare Detection

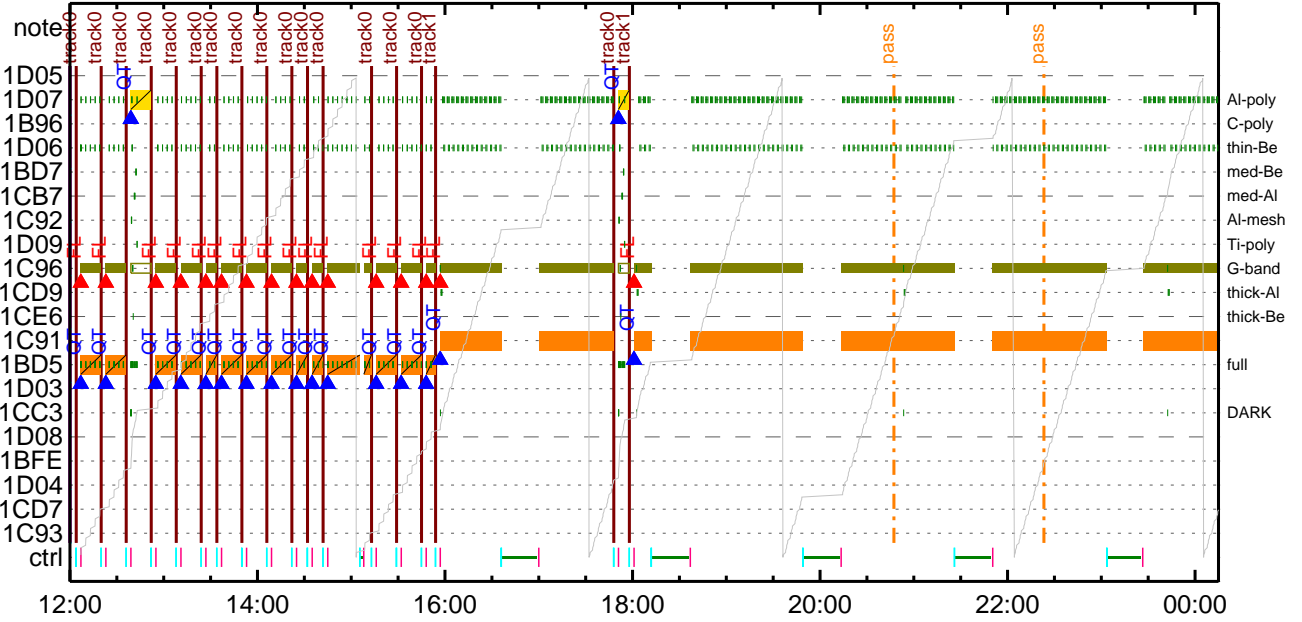
* * * * *

| FLD Patrol | | | | | | | | | | | |
|---------------------------------|----------------|--|------|-------|------|-----|-----|--------------------|-------|------------|----------|
| Term | | Pointing (x, y) | | | | | | Comment | | | |
| 02/06 10:27:45 - 02/06 12:36:18 | | cannot be identified | | | | | | | | | |
| 02/06 12:52:18 - 02/06 17:48:18 | | Fixed (-468.0, 0.0) | | | | | | HOP130 04/15 | | | |
| 02/06 17:58:18 - 02/07 06:00:18 | | Track (-720.1, -228.0) @ 02/06 17:58:00 | | | | | | # AR cont. | | | |
| 02/07 06:10:18 - 02/07 18:03:18 | | Track (-642.2, -219.1) @ 02/07 06:10:00 | | | | | | # AR cont. | | | |
| 02/07 18:13:18 - 02/08 06:20:18 | | Track (-556.8, -211.3) @ 02/07 18:13:00 | | | | | | # AR cont. | | | |
| 02/08 06:30:18 - 02/10 11:10:00 | | Fixed (-21.0, -39.0) | | | | | | # AR cont. | | | |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 4ms | Obs | 8x8 | Q=50 | 30sec | | |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval |

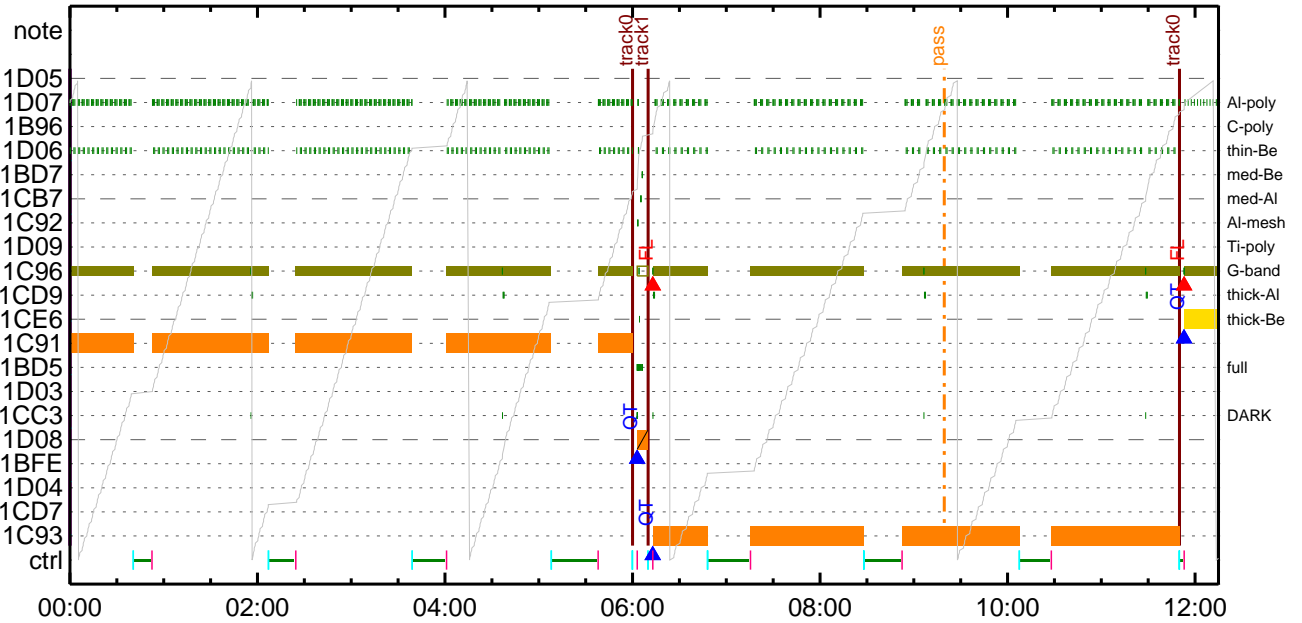
CMDI #0603 2024/02/06



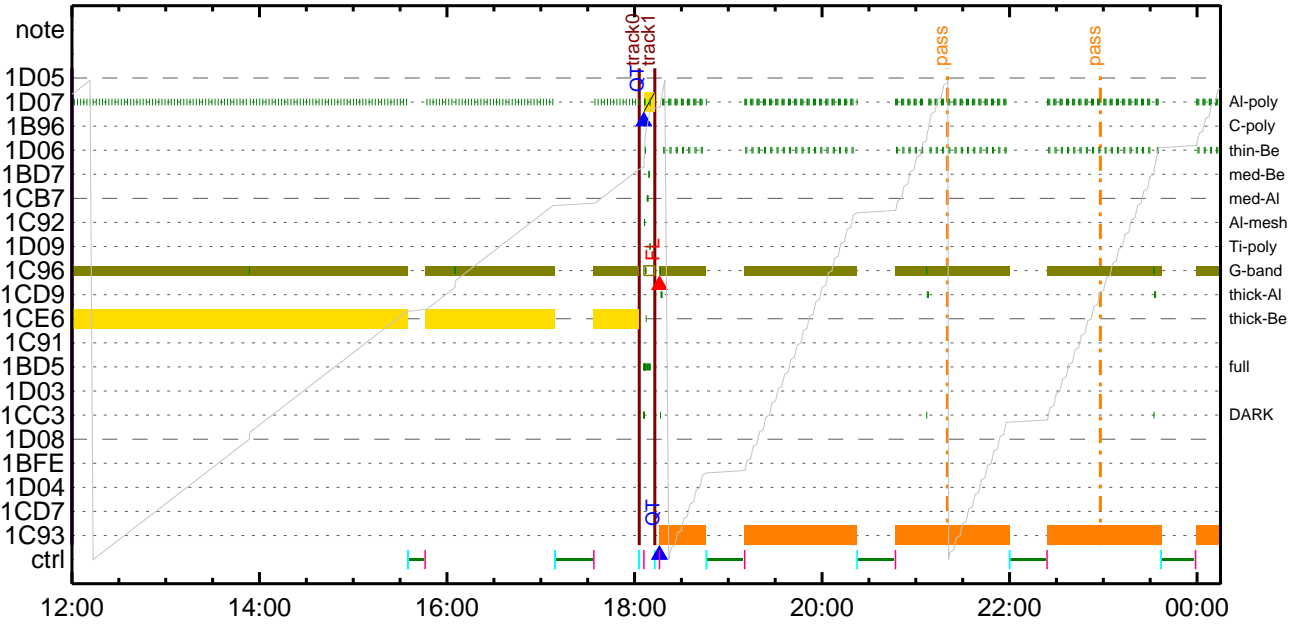
CMDI #0603 2024/02/06



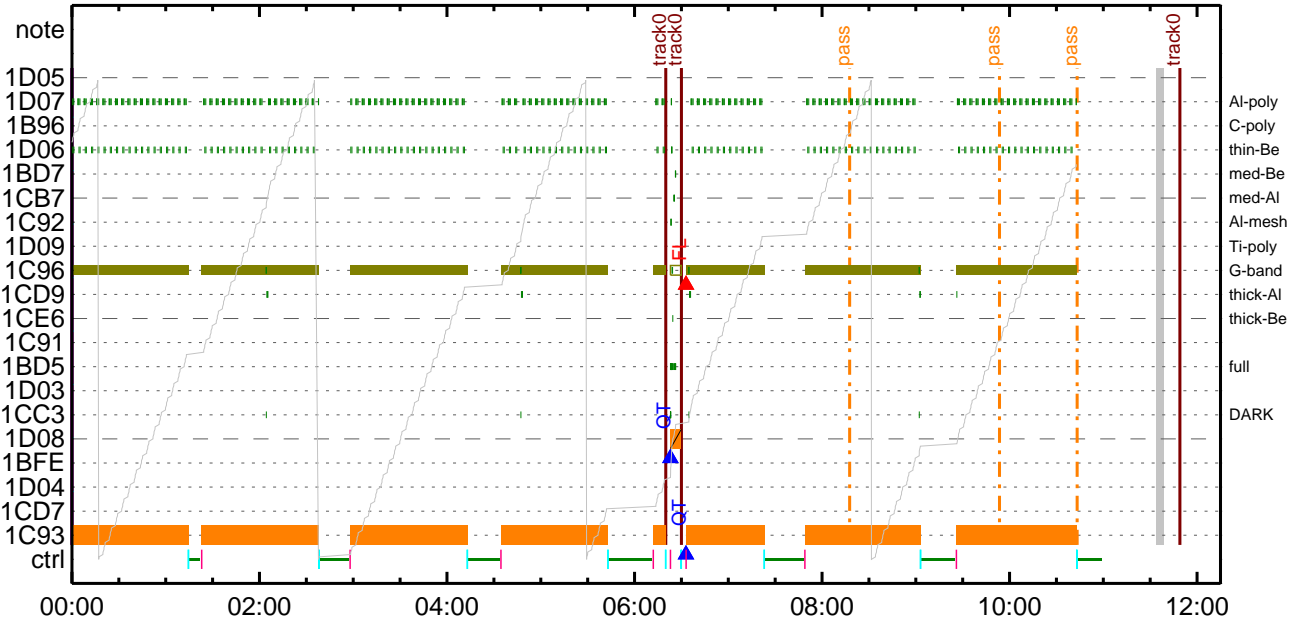
CMDI #0603 2024/02/07



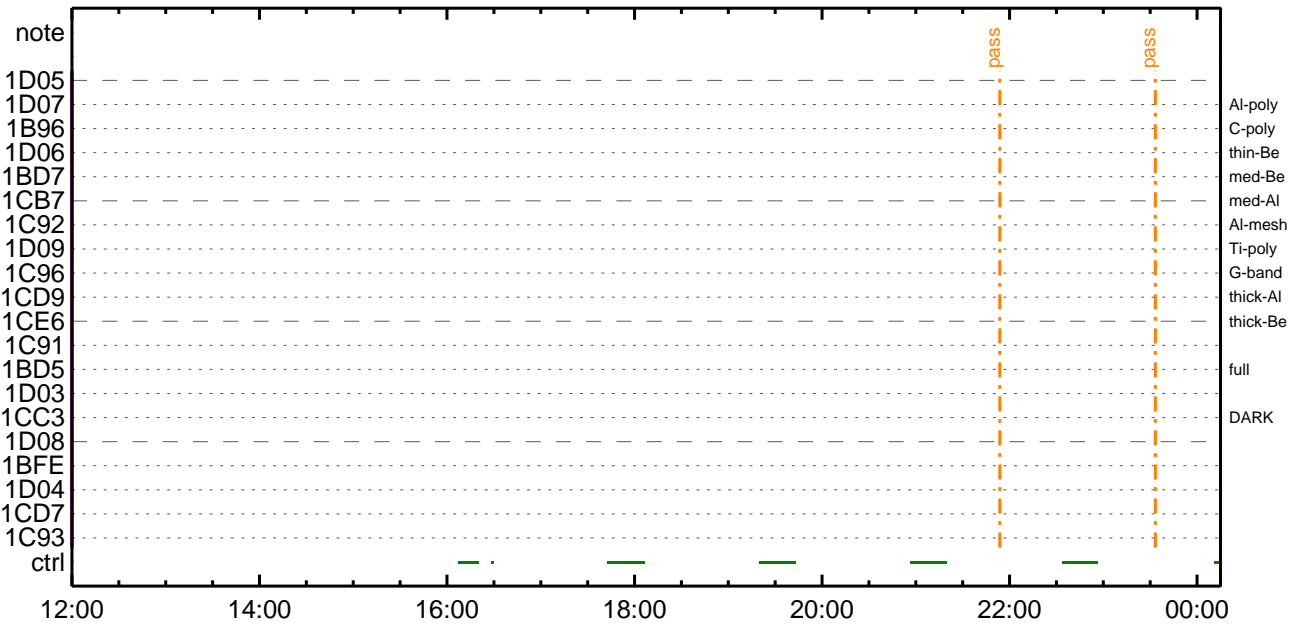
CMDI #0603 2024/02/07



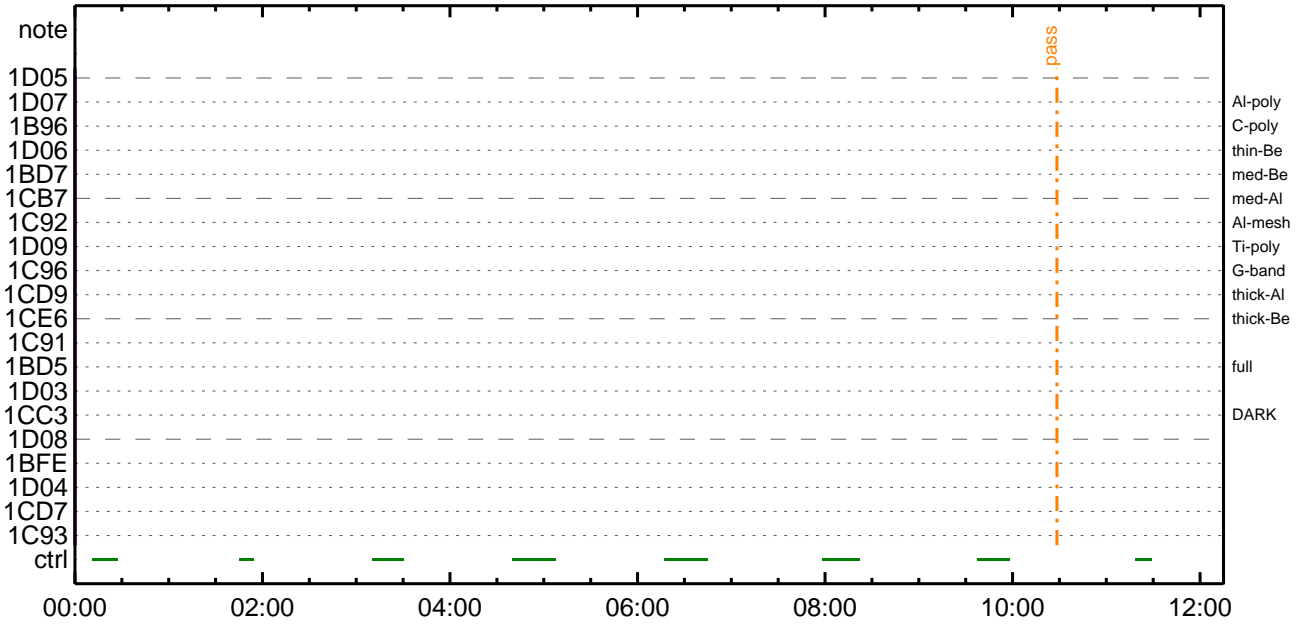
CMDI #0603 2024/02/08



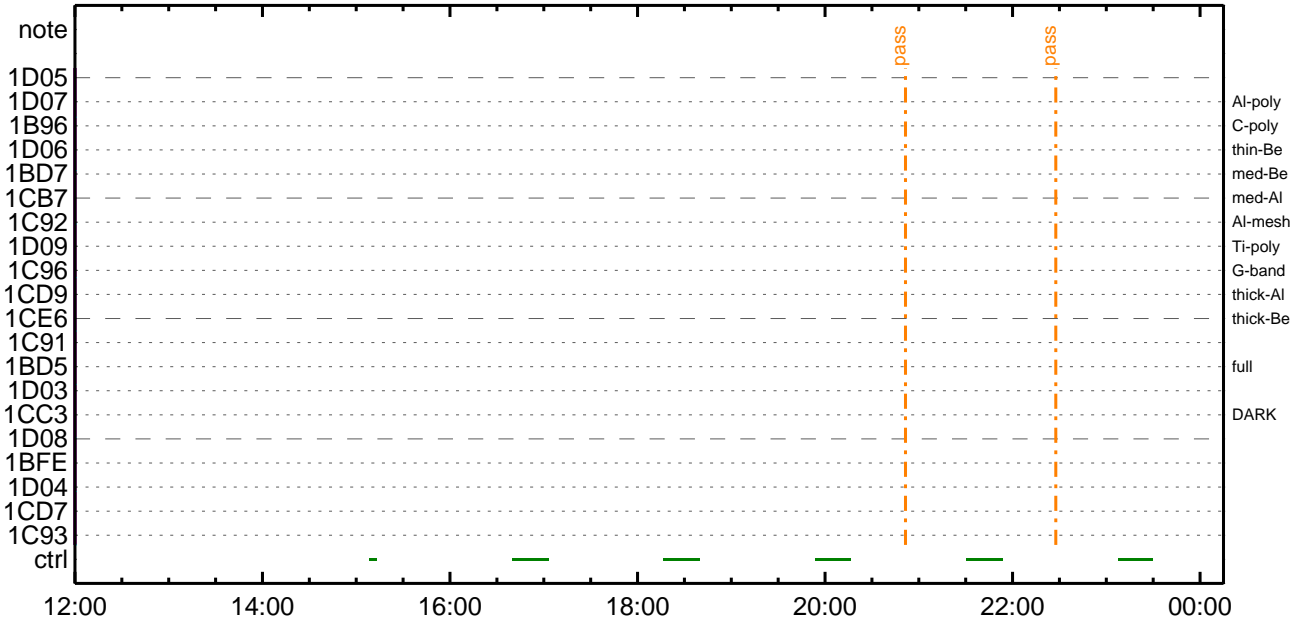
CMDI #0603 2024/02/08



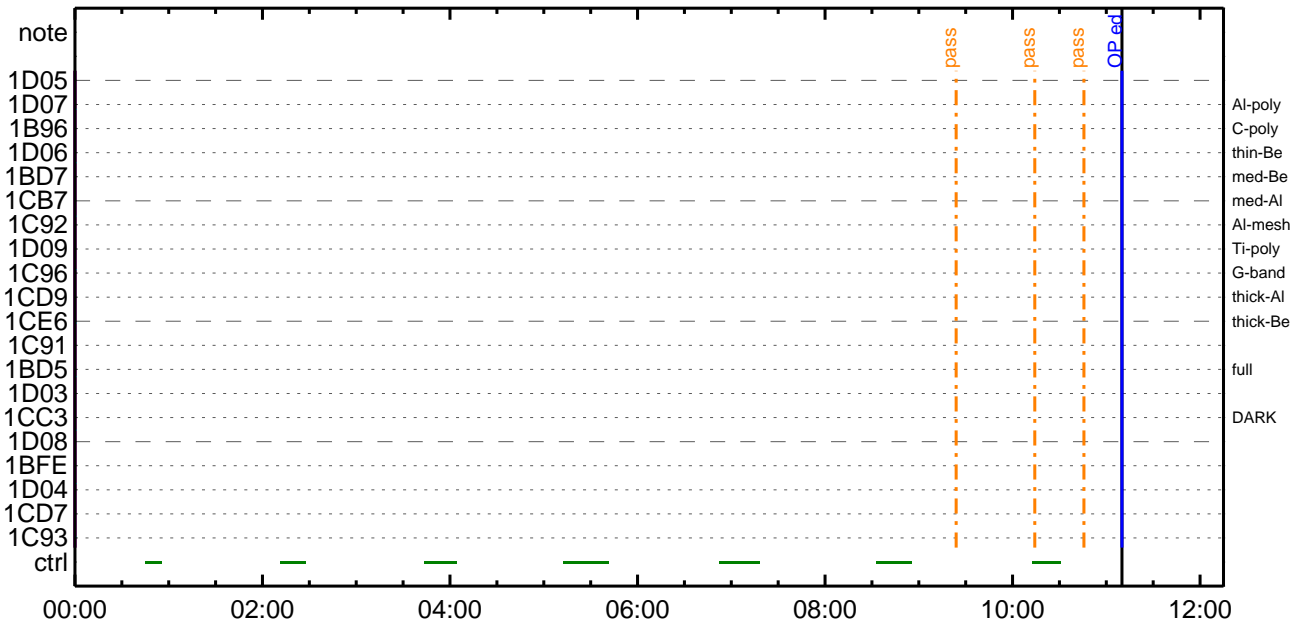
CMDI #0603 2024/02/09



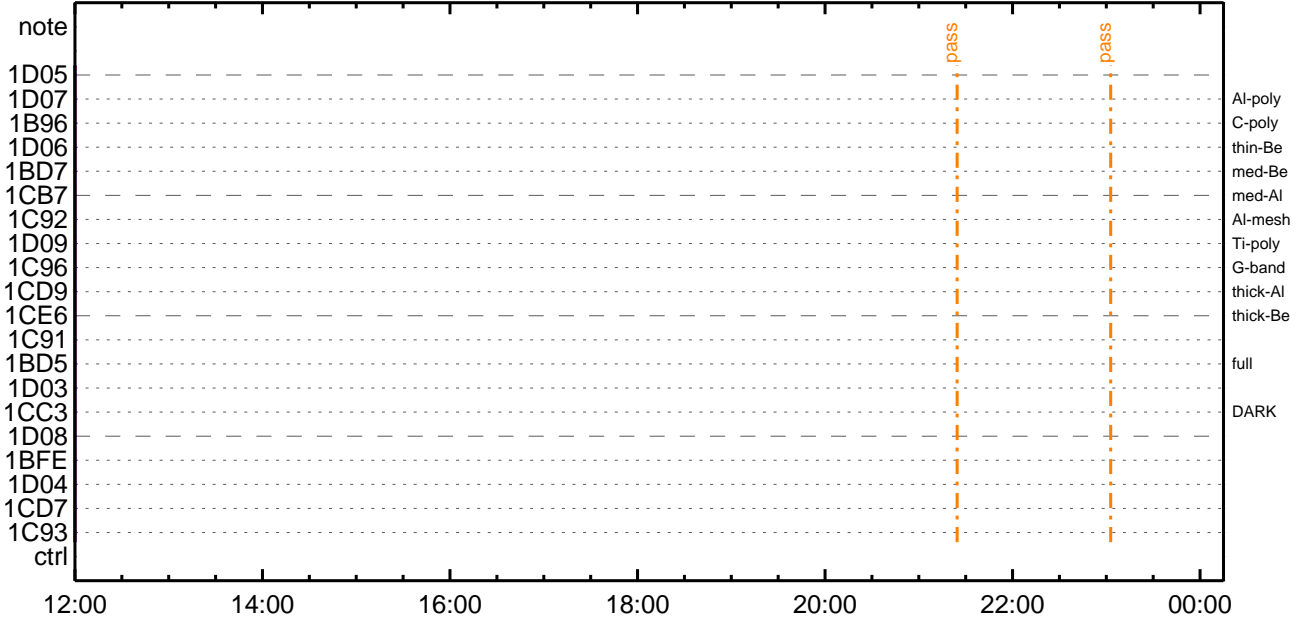
CMDI #0603 2024/02/09



CMDI #0603 2024/02/10



CMDI #0603 2024/02/10



0096 C. SET EDUMP I±°iYÑY¹aÇ¹Òa|a³aE;f
0097 C.
0098 C. TIY³YFYYÖYÉaòdÁDÍ¿(UT)
0099 +. TI 2024-02-06 11:49:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0102 C.
0103 +. TI 2024-02-06 11:49:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0106 C.
0107 +. TI 2024-02-06 11:49:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0110 C.
0111 +. TI 2024-02-06 11:53:59.5
0112 DC 01-B2 DHU_OP_START
0113 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0114 C.
0115 C. °Ê²¼aİÄè%îÍÑaİYÁY§YÁY-¹àìÛ
0116 C. çç[HK1_TI_CMD_ENA/DIS] EQ ENA
0117 C. çç[HK1_TI_CMD_NUM] EQ 4
0118 C. çç[HK1_NEXT_EXEC_PIM] EQ DHU
0119 C. çç[HK1_NEXT_EXEC_DC] EQ 0xB3
0120 C.
0121 C. *****
0122 C. TIÍÎ°èYÁYÖY×
0123 C. *****
0124 C.
0125 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0126 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0127 BC (03 ab 03 01 02)
0128 C. çç[HK1_DMP_TOP_ADRS_1] EQ 07
0129 C. çç[HK1_DMP_TOP_ADRS_0] EQ 2B
0130 C. çç[HK1_DMP_BLOCK_NUM] EQ 3
0131 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0132 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC (07 0b f8)
0135 C. çç[HK1_PKT_FORM_NO] EQ 7
0136 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0137 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0138 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0139 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0140 C.
0141 C. YÁYÖY×½ªİ»òð³ÍÇ§
0142 C. çç[HK1_DMP_CHK_FLG] EQ NON
0143 C.
0144 C. RAM ID=TI_TBLaİ%Ê¹Ç•è²İOKòð³ÍÇ§
0145 C.
0146 C. DHUYâ;¼YÉ;Ê¼Y½, Yì;¼YÈ;Ëòðİáa¹
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC (02 0a f8)
0149 C. çç[HK1_PKT_FORM_NO] EQ 2
0150 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0151 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0152 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0153 C.
0154 C. Stop EIS observation and temporarily disable EIS mode changes
0155 C.
0156 C.
0157 C. ***** Start EIS operation (TI set) *****
0158 C. Execute, after the success of OP upload.
0159 C. Set EIS TI-commands
0160 +. TI 2024-02-06 11:53:30.0
0161 DC 07-FC EIS_MODE_MANU
0162 BC (21 02)
0163 +. TI 2024-02-06 11:53:40.0
0164 DC 07-FC EIS_MODE_CHG_DIS
0165 BC (22)
0166 C. [] [HK1_TI_CMD_NUM] EQ 2 COUNTUP
0167 C. ***** End EIS operation (TI set) *****
0168 C.
0169 C.
0170 C.
0171 C. ***** XRT START *****
0172 C. Execute, after the success of OP upload.
0173 +. TI 2024-02-06 11:53:00.0
0174 DC 07-F0 MDP_XRT_MODE_STBY
0175 BC (c3)
0176 C. [] [HK1_TI_CMD_NUM] EQ 1COUNTUP
0177 C.
0178 C. ***** XRT END *****
0179 C.
0180 C. ***** MDP ´úÃîaİ»ò¼YªEÄða¹aèDCBC•x²è *****
0181 C. (%á°îYÖYÁYÉYFYYÉYÁYÇYèòE¼aª¼Á»Ûa¹aè)
0182 S. DC-BC dcbc-402:DCBC
0183 (MDP_known_event)
0184 C.
0185 C.
0186 C. ***** YDÿ¹.İ Daily±¿İÑaÈ'Øa¹aèDCBC•x²è *****
0187 S. DC-BC dcbc-153:DCBC
0188 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0189 C.
0190 C.
0191 C. ;ãLOS¥ÁY§YÁY-¼Á»Û;ã
0192 C.
0193 C. ***** LOS *****

*** OP Sequence for XRT ***

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2024/02/06 12:03:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2024/02/06 12:03:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2024/02/06 12:03:58.0 XRT_FOCUS_POSITION_406_OG [0x196]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2024/02/06 12:04:00.0 AOCs_OrE-point_Start_1_OG [0x097]
                        AOCU_NM 5 02-76 00 00 00 ac cd
2024/02/06 12:04:18.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2024/02/06 12:04:20.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2024/02/06 12:04:22.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2024/02/06 12:04:24.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2024/02/06 12:04:26.0 XRT_FLD_RESET_434_OG [0x1b2]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2024/02/06 12:06:56.0 XRT_QT_PROG_SET_441_OG [0x1b9]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 08
2024/02/06 12:06:58.0 XRT_FL_PROG_SET_439_OG [0x1b7]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 0c
2024/02/06 12:07:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2024/02/06 12:19:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2024/02/06 12:19:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2024/02/06 12:19:58.0 XRT_FOCUS_POSITION_406_OG [0x196]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2024/02/06 12:20:00.0 AOCs_OrE-point_Start_2_OG [0x098]
                        AOCU_NM 5 02-76 00 00 00 d6 67
2024/02/06 12:20:18.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2024/02/06 12:20:20.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2024/02/06 12:20:22.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2024/02/06 12:20:24.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2024/02/06 12:20:26.0 XRT_FLD_RESET_434_OG [0x1b2]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2024/02/06 12:22:56.0 XRT_QT_PROG_SET_441_OG [0x1b9]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 08
2024/02/06 12:22:58.0 XRT_FL_PROG_SET_439_OG [0x1b7]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 0c
2024/02/06 12:23:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2024/02/06 12:35:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2024/02/06 12:35:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2024/02/06 12:35:58.0 XRT_FOCUS_POSITION_406_OG [0x196]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2024/02/06 12:36:00.0 AOCs_OrE-point_Start_3_OG [0x099]
                        AOCU_NM 5 02-76 00 00 00 00 00
2024/02/06 12:36:18.0 XRT_FLD_DIS_409_OG [0x199]
                        MDP_XRT_FLD_DIS 1 07-F0 d9
2024/02/06 12:36:20.0 XRT_FLRCTRL_DIS_413_OG [0x19d]
                        MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2024/02/06 12:36:22.0 XRT_ARS_DIS_435_OG [0x1b3]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2024/02/06 12:38:58.0 XRT_QT_PROG_SET_401_OG [0x191]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 13
2024/02/06 12:39:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2024/02/06 12:51:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2024/02/06 12:51:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2024/02/06 12:51:58.0 XRT_FOCUS_POSITION_406_OG [0x196]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2024/02/06 12:52:00.0 AOCs_OrE-point_Start_4_OG [0x09a]
                        AOCU_NM 5 02-76 00 00 00 29 99
2024/02/06 12:52:18.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2024/02/06 12:52:20.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2024/02/06 12:52:22.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2024/02/06 12:52:24.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2024/02/06 12:52:26.0 XRT_FLD_RESET_434_OG [0x1b2]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2024/02/06 12:54:56.0 XRT_QT_PROG_SET_441_OG [0x1b9]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 08
2024/02/06 12:54:58.0 XRT_FL_PROG_SET_439_OG [0x1b7]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 0c
2024/02/06 12:55:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2024/02/06 13:07:54.0 XRT_CTRL_MANU_402_OG [0x192]

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| | | | | | | | |
|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|
| 2024/02/06 | 13:07:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/02/06 | 13:07:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/02/06 | 13:08:00.0 | AOCS_Ore-point_Start_5_OG [0x09b] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2024/02/06 | 13:08:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 00 00 00 53 33 | |
| 2024/02/06 | 13:08:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2024/02/06 | 13:08:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2024/02/06 | 13:08:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2024/02/06 | 13:08:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2024/02/06 | 13:10:56.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2024/02/06 | 13:10:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 08 | |
| 2024/02/06 | 13:11:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0c | |
| 2024/02/06 | 13:23:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2024/02/06 | 13:23:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/02/06 | 13:23:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/02/06 | 13:24:00.0 | AOCS_Ore-point_Start_6_OG [0x09c] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2024/02/06 | 13:24:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 00 d6 36 b7 8e | |
| 2024/02/06 | 13:24:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2024/02/06 | 13:24:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2024/02/06 | 13:24:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2024/02/06 | 13:24:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2024/02/06 | 13:26:56.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2024/02/06 | 13:26:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 08 | |
| 2024/02/06 | 13:27:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0c | |
| 2024/02/06 | 13:33:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2024/02/06 | 13:33:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/02/06 | 13:33:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/02/06 | 13:34:00.0 | AOCS_Ore-point_Start_7_OG [0x09d] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2024/02/06 | 13:34:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 00 b4 b5 db 75 | |
| 2024/02/06 | 13:34:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2024/02/06 | 13:34:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2024/02/06 | 13:34:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2024/02/06 | 13:34:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2024/02/06 | 13:36:56.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2024/02/06 | 13:36:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 08 | |
| 2024/02/06 | 13:37:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0c | |
| 2024/02/06 | 13:49:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2024/02/06 | 13:49:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/02/06 | 13:49:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/02/06 | 13:50:00.0 | AOCS_Ore-point_Start_8_OG [0x09e] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2024/02/06 | 13:50:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 00 ac 5b 00 00 | |
| 2024/02/06 | 13:50:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2024/02/06 | 13:50:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2024/02/06 | 13:50:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2024/02/06 | 13:50:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2024/02/06 | 13:52:56.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2024/02/06 | 13:52:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 08 | |
| 2024/02/06 | | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0c | |

| | | | | | | | | |
|------------|------------|------------------------------------|---|-------|----------------|--|--|--|
| 2024/02/06 | 13:53:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2024/02/06 | 14:05:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2024/02/06 | 14:05:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2024/02/06 | 14:05:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | |
| 2024/02/06 | 14:06:00.0 | AOCS_Ore-point_Start_9_OG [0x09f] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 b4 b5 24 8b | | | |
| 2024/02/06 | 14:06:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2024/02/06 | 14:06:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2024/02/06 | 14:06:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2024/02/06 | 14:06:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2024/02/06 | 14:06:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2024/02/06 | 14:08:56.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 08 | | | |
| 2024/02/06 | 14:08:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0c | | | |
| 2024/02/06 | 14:09:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2024/02/06 | 14:21:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2024/02/06 | 14:21:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2024/02/06 | 14:21:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | |
| 2024/02/06 | 14:22:00.0 | AOCS_Ore-point_Start_10_OG [0x0a0] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 d6 36 48 72 | | | |
| 2024/02/06 | 14:22:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2024/02/06 | 14:22:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2024/02/06 | 14:22:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2024/02/06 | 14:22:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2024/02/06 | 14:22:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2024/02/06 | 14:24:56.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 08 | | | |
| 2024/02/06 | 14:24:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0c | | | |
| 2024/02/06 | 14:25:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2024/02/06 | 14:31:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2024/02/06 | 14:31:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2024/02/06 | 14:31:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | |
| 2024/02/06 | 14:32:00.0 | AOCS_Ore-point_Start_11_OG [0x0a1] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 29 ca b7 8e | | | |
| 2024/02/06 | 14:32:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2024/02/06 | 14:32:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2024/02/06 | 14:32:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2024/02/06 | 14:32:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2024/02/06 | 14:32:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2024/02/06 | 14:34:56.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 08 | | | |
| 2024/02/06 | 14:34:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0c | | | |
| 2024/02/06 | 14:35:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2024/02/06 | 14:41:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2024/02/06 | 14:41:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2024/02/06 | 14:41:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | |
| 2024/02/06 | 14:42:00.0 | AOCS_Ore-point_Start_12_OG [0x0a2] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 4b 4b db 75 | | | |
| 2024/02/06 | 14:42:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2024/02/06 | 14:42:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2024/02/06 | 14:42:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2024/02/06 | 14:42:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2024/02/06 | 14:42:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2024/02/06 | 14:44:56.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | | | | | | |

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|------------|------------|------------------------------------|---------------------|---|-------|-------------|-------|
| 2024/02/06 | 14:44:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 08 |
| | | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0c |
| 2024/02/06 | 14:45:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2024/02/06 | 15:05:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/02/06 | 15:05:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/02/06 | 15:05:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2024/02/06 | 15:05:36.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2024/02/06 | 15:07:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2024/02/06 | 15:08:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2024/02/06 | 15:08:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2024/02/06 | 15:12:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/02/06 | 15:12:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/02/06 | 15:12:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa | 00 |
| 2024/02/06 | 15:13:00.0 | AOCS_ORe-point_Start_13_OG [0x0a3] | AOCU_NM | 5 | 02-76 | 00 53 a5 | 00 00 |
| 2024/02/06 | 15:13:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2024/02/06 | 15:13:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2024/02/06 | 15:13:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2024/02/06 | 15:13:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2024/02/06 | 15:13:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2024/02/06 | 15:15:56.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 08 |
| 2024/02/06 | 15:15:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0c |
| 2024/02/06 | 15:16:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2024/02/06 | 15:28:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/02/06 | 15:28:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/02/06 | 15:28:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa | 00 |
| 2024/02/06 | 15:29:00.0 | AOCS_ORe-point_Start_14_OG [0x0a4] | AOCU_NM | 5 | 02-76 | 00 4b 4b 24 | 8b |
| 2024/02/06 | 15:29:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2024/02/06 | 15:29:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2024/02/06 | 15:29:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2024/02/06 | 15:29:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2024/02/06 | 15:29:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2024/02/06 | 15:31:56.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 08 |
| 2024/02/06 | 15:31:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0c |
| 2024/02/06 | 15:32:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2024/02/06 | 15:44:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/02/06 | 15:44:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/02/06 | 15:44:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa | 00 |
| 2024/02/06 | 15:45:00.0 | AOCS_ORe-point_Start_15_OG [0x0a5] | AOCU_NM | 5 | 02-76 | 00 29 db 48 | 72 |
| 2024/02/06 | 15:45:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2024/02/06 | 15:45:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2024/02/06 | 15:45:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2024/02/06 | 15:45:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2024/02/06 | 15:45:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2024/02/06 | 15:47:56.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 08 |
| 2024/02/06 | 15:47:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0c |
| 2024/02/06 | 15:48:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2024/02/06 | 15:53:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/02/06 | 15:53:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |

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|------------|------------|------------------------------------|---------------------|---|-------|----------------|--|
| 2024/02/06 | 15:53:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| | | XRT_FOCUS_POSITION | | 4 | 07-F8 | 22 fe 97 00 | |
| 2024/02/06 | 15:54:00.0 | AOCS_OrE-point_Start_16_OG [0x0a6] | AOCU_NM | 5 | 02-76 | 01 03 74 01 db | |
| 2024/02/06 | 15:54:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2024/02/06 | 15:54:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2024/02/06 | 15:54:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2024/02/06 | 15:54:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2024/02/06 | 15:54:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2024/02/06 | 15:56:56.0 | XRT_QT_PROG_SET_403_OG [0x193] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09 | |
| 2024/02/06 | 15:56:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0c | |
| 2024/02/06 | 15:57:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2024/02/06 | 16:36:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/02/06 | 16:36:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/02/06 | 16:36:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2024/02/06 | 16:36:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2024/02/06 | 16:39:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2024/02/06 | 16:59:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2024/02/06 | 17:00:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2024/02/06 | 17:47:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/02/06 | 17:47:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/02/06 | 17:47:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2024/02/06 | 17:48:00.0 | AOCS_OrE-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | |
| 2024/02/06 | 17:48:18.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2024/02/06 | 17:48:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2024/02/06 | 17:48:22.0 | XRT_ARS_DIS_435_OG [0x1b3] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2024/02/06 | 17:50:58.0 | XRT_QT_PROG_SET_401_OG [0x191] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 13 | |
| 2024/02/06 | 17:51:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2024/02/06 | 17:57:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/02/06 | 17:57:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/02/06 | 17:57:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2024/02/06 | 17:58:00.0 | AOCS_OrE-point_Start_16_OG [0x0a6] | AOCU_NM | 5 | 02-76 | 01 03 74 01 db | |
| 2024/02/06 | 17:58:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2024/02/06 | 17:58:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2024/02/06 | 17:58:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2024/02/06 | 17:58:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2024/02/06 | 17:58:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2024/02/06 | 18:00:56.0 | XRT_QT_PROG_SET_403_OG [0x193] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09 | |
| 2024/02/06 | 18:00:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0c | |
| 2024/02/06 | 18:01:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2024/02/06 | 18:12:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/02/06 | 18:12:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/02/06 | 18:12:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2024/02/06 | 18:12:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2024/02/06 | 18:15:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2024/02/06 | 18:36:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2024/02/06 | 18:37:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2024/02/06 | 19:49:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/02/06 | 19:49:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |

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|------------|------------|-----------------------------------|---|-------|-------------|
| 2024/02/06 | 19:49:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2024/02/06 | 19:49:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2024/02/06 | 19:52:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2024/02/06 | 20:12:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2024/02/06 | 20:13:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2024/02/06 | 21:26:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/02/06 | 21:26:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/02/06 | 21:26:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2024/02/06 | 21:26:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2024/02/06 | 21:29:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2024/02/06 | 21:49:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2024/02/06 | 21:50:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2024/02/06 | 23:03:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/02/06 | 23:03:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/02/06 | 23:03:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2024/02/06 | 23:03:36.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2024/02/06 | 23:06:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2024/02/06 | 23:25:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2024/02/06 | 23:26:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2024/02/07 | 00:40:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/02/07 | 00:40:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/02/07 | 00:40:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2024/02/07 | 00:40:36.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2024/02/07 | 00:43:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2024/02/07 | 00:51:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2024/02/07 | 00:52:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2024/02/07 | 02:07:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/02/07 | 02:07:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/02/07 | 02:07:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2024/02/07 | 02:07:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2024/02/07 | 02:10:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2024/02/07 | 02:23:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2024/02/07 | 02:24:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2024/02/07 | 03:39:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/02/07 | 03:39:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/02/07 | 03:39:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2024/02/07 | 03:39:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2024/02/07 | 03:42:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2024/02/07 | 04:00:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2024/02/07 | 04:01:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2024/02/07 | 05:08:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/02/07 | 05:08:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/02/07 | 05:08:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2024/02/07 | 05:08:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2024/02/07 | 05:11:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2024/02/07 | 05:37:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2024/02/07 | 05:38:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2024/02/07 | 05:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/02/07 | 05:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/02/07 | 05:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |

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|------------|------------|---|---|-------|----|----|----|----|----|
| 2024/02/07 | 06:00:00.0 | AOCS_OrE-point_Start_3_OG [0x099] AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| 2024/02/07 | 06:00:18.0 | XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2024/02/07 | 06:00:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2024/02/07 | 06:00:22.0 | XRT_ARS_DIS_435_OG [0x1b3] MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2024/02/07 | 06:02:58.0 | XRT_QT_PROG_SET_428_OG [0x1ac] MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 05 | | | |
| 2024/02/07 | 06:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2024/02/07 | 06:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/02/07 | 06:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/02/07 | 06:09:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2024/02/07 | 06:10:00.0 | AOCS_OrE-point_Start_16_OG [0x0a6] AOCU_NM | 5 | 02-76 | 01 | 03 | 74 | 01 | db |
| 2024/02/07 | 06:10:18.0 | XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2024/02/07 | 06:10:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2024/02/07 | 06:10:22.0 | XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2024/02/07 | 06:10:24.0 | XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2024/02/07 | 06:10:26.0 | XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2024/02/07 | 06:12:56.0 | XRT_QT_PROG_SET_447_OG [0x1bf] MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 01 | | | |
| 2024/02/07 | 06:12:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0c | | | |
| 2024/02/07 | 06:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2024/02/07 | 06:48:00.0 | XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/02/07 | 06:48:02.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/02/07 | 06:48:04.0 | XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2024/02/07 | 06:48:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2024/02/07 | 06:51:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2024/02/07 | 07:14:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2024/02/07 | 07:15:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2024/02/07 | 08:28:00.0 | XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/02/07 | 08:28:02.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/02/07 | 08:28:04.0 | XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2024/02/07 | 08:28:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2024/02/07 | 08:31:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2024/02/07 | 08:51:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2024/02/07 | 08:52:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2024/02/07 | 10:07:30.0 | XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/02/07 | 10:07:32.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/02/07 | 10:07:34.0 | XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2024/02/07 | 10:07:36.0 | XRT_PREFLR_STRT_431_OG [0x1af] MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2024/02/07 | 10:10:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2024/02/07 | 10:27:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2024/02/07 | 10:28:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2024/02/07 | 11:49:54.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/02/07 | 11:49:56.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/02/07 | 11:49:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2024/02/07 | 11:50:00.0 | AOCS_OrE-point_Start_17_OG [0x0a7] AOCU_NM | 5 | 02-76 | 00 | 55 | 3f | 01 | db |
| 2024/02/07 | 11:50:18.0 | XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2024/02/07 | 11:50:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2024/02/07 | 11:50:22.0 | XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2024/02/07 | 11:50:24.0 | XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2024/02/07 | 11:50:26.0 | XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|-------------|
| 2024/02/07 | 20:22:36.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2024/02/07 | 20:25:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2024/02/07 | 20:46:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2024/02/07 | 20:47:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2024/02/07 | 22:00:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/02/07 | 22:00:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/02/07 | 22:00:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2024/02/07 | 22:00:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2024/02/07 | 22:03:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2024/02/07 | 22:23:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2024/02/07 | 22:24:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2024/02/07 | 23:37:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/02/07 | 23:37:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/02/07 | 23:37:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2024/02/07 | 23:37:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2024/02/07 | 23:40:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2024/02/07 | 23:58:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2024/02/07 | 23:59:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2024/02/08 | 01:14:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/02/08 | 01:14:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/02/08 | 01:14:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2024/02/08 | 01:14:36.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2024/02/08 | 01:17:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2024/02/08 | 01:22:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2024/02/08 | 01:23:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2024/02/08 | 02:38:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/02/08 | 02:38:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/02/08 | 02:38:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2024/02/08 | 02:38:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2024/02/08 | 02:41:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2024/02/08 | 02:57:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2024/02/08 | 02:58:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2024/02/08 | 04:13:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/02/08 | 04:13:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/02/08 | 04:13:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2024/02/08 | 04:13:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2024/02/08 | 04:16:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2024/02/08 | 04:33:30.5 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2024/02/08 | 04:34:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2024/02/08 | 05:43:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/02/08 | 05:43:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/02/08 | 05:43:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2024/02/08 | 05:43:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2024/02/08 | 05:46:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2024/02/08 | 06:11:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2024/02/08 | 06:12:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2024/02/08 | 06:19:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/02/08 | 06:19:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/02/08 | 06:19:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2024/02/08 | 06:20:00.0 | AOCS_OrE-point_Start_3_OG [0x099] | | | | |

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|------------|------------|------------------------------------|---------|---|-------|----|----|----|----|----|
| 2024/02/08 | 06:20:18.0 | XRT_FLD_DIS_409_OG [0x199] | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| | | MDP_XRT_FLD_DIS | | 1 | 07-F0 | d9 | | | | |
| 2024/02/08 | 06:20:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | 1 | 07-F0 | c9 | | | | |
| | | MDP_XRT_FLRCTRL_DIS | | 1 | 07-F0 | c9 | | | | |
| 2024/02/08 | 06:20:22.0 | XRT_ARS_DIS_435_OG [0x1b3] | | 1 | 07-F0 | d5 | | | | |
| | | MDP_XRT_ARS_DIS | | 1 | 07-F0 | d5 | | | | |
| 2024/02/08 | 06:22:58.0 | XRT_QT_PROG_SET_428_OG [0x1ac] | | 2 | 07-F0 | c4 | 05 | | | |
| | | MDP_XRT_QT_PROG_SET | | 2 | 07-F0 | c4 | 05 | | | |
| 2024/02/08 | 06:23:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | 1 | 07-F0 | c0 | | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | c0 | | | | |
| 2024/02/08 | 06:29:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | c1 | | | | |
| 2024/02/08 | 06:29:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | c1 | | | | |
| 2024/02/08 | 06:29:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| | | XRT_FOCUS_POSITION | | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2024/02/08 | 06:30:00.0 | AOCS_Ore-point_Start_18_OG [0x0a8] | | 5 | 02-76 | 00 | 03 | 74 | 01 | db |
| | | AOCU_NM | | 5 | 02-76 | 00 | 03 | 74 | 01 | db |
| 2024/02/08 | 06:30:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | 1 | 07-F0 | d8 | | | | |
| | | MDP_XRT_FLD_ENA | | 1 | 07-F0 | d8 | | | | |
| 2024/02/08 | 06:30:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | 1 | 07-F0 | c8 | | | | |
| | | MDP_XRT_FLRCTRL_ENA | | 1 | 07-F0 | c8 | | | | |
| 2024/02/08 | 06:30:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | 1 | 07-F0 | d0 | | | | |
| | | MDP_XRT_AEC_RESET | | 1 | 07-F0 | d0 | | | | |
| 2024/02/08 | 06:30:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | 1 | 07-F0 | d5 | | | | |
| | | MDP_XRT_ARS_DIS | | 1 | 07-F0 | d5 | | | | |
| 2024/02/08 | 06:30:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | 1 | 07-F0 | da | | | | |
| | | MDP_XRT_FLD_RESET | | 1 | 07-F0 | da | | | | |
| 2024/02/08 | 06:32:56.0 | XRT_QT_PROG_SET_447_OG [0x1bf] | | 2 | 07-F0 | c4 | 01 | | | |
| | | MDP_XRT_QT_PROG_SET | | 2 | 07-F0 | c4 | 01 | | | |
| 2024/02/08 | 06:32:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] | | 2 | 07-F0 | c5 | 0c | | | |
| | | MDP_XRT_FL_PROG_SET | | 2 | 07-F0 | c5 | 0c | | | |
| 2024/02/08 | 06:33:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | 1 | 07-F0 | c0 | | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | c0 | | | | |
| 2024/02/08 | 07:23:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | c1 | | | | |
| 2024/02/08 | 07:23:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | c1 | | | | |
| 2024/02/08 | 07:23:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | da | | | | |
| | | MDP_XRT_FLD_RESET | | 1 | 07-F0 | da | | | | |
| 2024/02/08 | 07:23:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | 1 | 07-F0 | e8 | | | | |
| | | MDP_XRT_PREFLR_STRT | | 1 | 07-F0 | e8 | | | | |
| 2024/02/08 | 07:26:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | 1 | 07-F0 | e9 | | | | |
| | | MDP_XRT_PREFLR_STOP | | 1 | 07-F0 | e9 | | | | |
| 2024/02/08 | 07:48:00.0 | XRT_Custom_430_OG [0x1ae] | | 1 | 07-F0 | c0 | | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | c0 | | | | |
| 2024/02/08 | 07:49:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | 1 | 07-F0 | c0 | | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | c0 | | | | |
| 2024/02/08 | 09:03:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | c1 | | | | |
| 2024/02/08 | 09:03:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | c1 | | | | |
| 2024/02/08 | 09:03:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | da | | | | |
| | | MDP_XRT_FLD_RESET | | 1 | 07-F0 | da | | | | |
| 2024/02/08 | 09:03:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | 1 | 07-F0 | e8 | | | | |
| | | MDP_XRT_PREFLR_STRT | | 1 | 07-F0 | e8 | | | | |
| 2024/02/08 | 09:06:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | 1 | 07-F0 | e9 | | | | |
| | | MDP_XRT_PREFLR_STOP | | 1 | 07-F0 | e9 | | | | |
| 2024/02/08 | 09:25:00.0 | XRT_Custom_430_OG [0x1ae] | | 1 | 07-F0 | c0 | | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | c0 | | | | |
| 2024/02/08 | 09:26:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | 1 | 07-F0 | c0 | | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | c0 | | | | |
| 2024/02/08 | 10:43:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | c1 | | | | |
| 2024/02/08 | 10:43:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | c1 | | | | |
| 2024/02/08 | 10:43:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | da | | | | |
| | | MDP_XRT_FLD_RESET | | 1 | 07-F0 | da | | | | |
| 2024/02/08 | 10:43:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | 1 | 07-F0 | e8 | | | | |
| | | MDP_XRT_PREFLR_STRT | | 1 | 07-F0 | e8 | | | | |
| 2024/02/08 | 10:46:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | 1 | 07-F0 | e9 | | | | |
| | | MDP_XRT_PREFLR_STOP | | 1 | 07-F0 | e9 | | | | |
| 2024/02/08 | 11:49:00.0 | AOCS_Ore-point_Start_3_OG [0x099] | | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| | | AOCU_NM | | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |