

XRT Timeline to be uploaded on 2024/04/25

Period: 2024/04/25 10:11:00 - 2024/04/30 11:21:00

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Normal mode

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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 |
|---------------------------------|--|------------------------------|
| 04/25 11:00:30 - 04/25 17:58:54 | Fixed (910.0, -200.0) | # OP start + 10min + AR13645 |
| 04/25 18:12:00 - 04/25 22:59:54 | Fixed (910.0, -200.0) | AR13645 |
| 04/26 05:39:30 - 04/26 17:43:30 | Track (-56.6, -102.1) <small>@ 04/26 05:36:30</small> | AR13654 |
| 04/27 06:13:00 - 04/27 11:11:00 | Track (167.0, -105.1) <small>@ 04/27 06:10:00</small> | AR13654 |

PROG= 08 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 #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 |
|---------------------------------|-------------------|----------------------------|
| 04/25 18:02:00 - 04/25 18:08:54 | Fixed (0.0, 0.0) | synoptic, shifted -1.0 min |
| 04/26 05:29:30 - 04/26 05:36:24 | Fixed (0.0, 0.0) | HOP349/448+synoptic |
| 04/26 18:19:00 - 04/26 18:59:54 | Fixed (0.0, 0.0) | synoptic, shifted 16.0 min |
| 04/27 06:03:00 - 04/27 06:09:54 | Fixed (0.0, 0.0) | HOP349/448+synoptic |

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 #1CC3: HOP361 - High cadence (10s thin-Be only) 256x256 at 1064 1048 | | | | | | | | | | | | | | | |
|--|--|--|--|-------|------|---------|-------|-----|-----|----------------------|--|-------|------------|----------|--------|
| Term | | Pointing (x, y) | | | | Comment | | | | | | | | | |
| 04/25 23:03:00 - 04/26 02:47:00 | | Track (-178.2, -116.5) @ 04/25 23:00:00 | | | | HOP473 | | | | | | | | | |
| 04/26 23:07:00 - 04/27 02:59:54 | | Track (61.1, -78.1) @ 04/26 23:00:00 | | | | HOP473 | | | | | | | | | |
| PROG= 09 Inf.-time(s) | | | | | | | | | | | | | | | |
| Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | | | | |
| Seqn= 12 1-time(s) 2.0sec | | | | | | | | | | | | | | | |
| Open/G-band | | Open/G-band | | open | Safe | Norm | 1ms | Obs | 1x1 | 256x256 (1064, 1048) | | DPCM | 0 | 0 | 2.0sec |
| Open/G-band | | Open/G-band | | close | Safe | Norm | 1ms | Obs | 1x1 | 256x256 (1064, 1048) | | DPCM | 0 | 0 | 2.0sec |
| Open/Ti-poly | | Open/thick-Al | | close | Safe | Dark | 16.0s | Obs | 1x1 | 256x256 (1064, 1048) | | Q=98 | 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 #1D09: HOP349 - 3-filter Synoptics (Al-mesh[2/128/723], Al-poly[5/181/1443], thin-Be[16/512/3897] with 512x512 G-band+Leak - 90min cad) + CME wat | | | | | | | | | | | | | | | |
|---|--|-------------------|--|-------|------|---------------------|-------|-----|-----|------------------------|--|-------|------------|----------|--------|
| Term | | Pointing (x, y) | | | | Comment | | | | | | | | | |
| 04/26 03:23:00 - 04/26 05:26:24 | | Fixed (0.0, 0.0) | | | | HOP349/448+synoptic | | | | | | | | | |
| 04/27 03:03:00 - 04/27 05:59:54 | | Fixed (0.0, 0.0) | | | | HOP349/448+synoptic | | | | | | | | | |
| PROG= 18 Inf.-time(s) | | | | | | | | | | | | | | | |
| Subr= 1 1-time(s) 600.0sec | | | | | | | | | | | | | | | |
| 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= 79 1-time(s) 2.0sec | | | | | | | | | | | | | | | |
| thin-Be/Open | | thin-Be/Open | | close | Safe | Norm | 16ms | 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 | 2.83s | 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 7-time(s) 600.0sec | | | | | | | | | | | | | | | |
| Seqn= 8 1-time(s) 2.0sec | | | | | | | | | | | | | | | |
| thin-Be/Open | | med-Be/Open | | close | Safe | Norm | 1.00s | Obs | 4x4 | 2048x2048 (1024, 1024) | | Q=98 | 3 | 0 | 2.0sec |
| thin-Be/Open | | med-Be/Open | | close | Safe | Norm | 1.41s | Obs | 4x4 | 2048x2048 (1024, 1024) | | DPCM | 2 | 0 | 2.0sec |
| Seqn= 74 1-time(s) 2.0sec | | | | | | | | | | | | | | | |
| med-Be/Open | | med-Be/Open | | close | Safe | Norm | 500ms | Obs | 4x4 | 2048x2048 (1024, 1024) | | Q=98 | 3 | 0 | 2.0sec |
| med-Be/Open | | med-Be/Open | | close | Safe | Norm | 2.00s | Obs | 4x4 | 2048x2048 (1024, 1024) | | Q=98 | 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 #1CDE: HOP393/336 - 4x4 - Full Sun double long/short pair AEC 2/3 - Al-poly - Dark (512ms) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 7 | | | | | | | | | | | | | | | |
|--|--|---------------------------------------|--|-------|------|---------|-------|-----|-----|------------------------|--|-------|------------|----------|--------|
| Term | | Pointing (x, y) | | | | Comment | | | | | | | | | |
| 04/26 19:03:00 - 04/26 22:38:00 | | Track (-21.0, 37.1) @ 04/26 19:00:00 | | | | HOP393 | | | | | | | | | |
| PROG= 07 Inf.-time(s) | | | | | | | | | | | | | | | |
| Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | | | | |
| Seqn= 30 1-time(s) 2.0sec | | | | | | | | | | | | | | | |
| Open/G-band | | Open/G-band | | open | Safe | Norm | 1ms | Obs | 1x1 | 512x512 (1024, 1024) | | Q=90 | 0 | 0 | 2.0sec |
| Open/G-band | | Open/G-band | | close | Safe | Norm | 1ms | Obs | 1x1 | 512x512 (1024, 1024) | | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 52 1-time(s) 2.0sec | | | | | | | | | | | | | | | |
| Al-poly/Open | | Al-poly/Open | | close | Safe | Dark | 500ms | Obs | 4x4 | 2048x2048 (1024, 1024) | | DPCM | 0 | 0 | 2.0sec |
| Subr= 2 30-time(s) 720.0sec | | | | | | | | | | | | | | | |
| Seqn= 97 2-time(s) 2.0sec | | | | | | | | | | | | | | | |
| Al-poly/Open | | med-Be/Open | | close | Safe | Norm | 125ms | Obs | 4x4 | 2048x2048 (1024, 1024) | | Q=98 | 3 | 0 | 2.0sec |
| Al-poly/Open | | med-Be/Open | | close | Safe | Norm | 500ms | Obs | 4x4 | 2048x2048 (1024, 1024) | | DPCM | 2 | 0 | 2.0sec |
| Default Filter | | Thicker Filter | | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | | Comp. | AEC Buffer | Interval | |

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Flare mode

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| XOB #1C96: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Be/thick), AEC 3, 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512x512 2x2) + G | | | | | | | | | | | | |
|--|--|--|--|--|--|------------------------------|--|--|--|--|--|--|
| Term | | Pointing (x, y) | | | | Comment | | | | | | |
| 04/25 11:00:30 - 04/25 17:58:54 | | Fixed (910.0, -200.0) | | | | # OP start + 10min + AR13645 | | | | | | |
| 04/25 18:12:00 - 04/25 22:59:54 | | Fixed (910.0, -200.0) | | | | AR13645 | | | | | | |
| 04/25 23:03:00 - 04/26 02:47:00 | | Track (-178.2, -116.5) @ 04/25 23:00:00 | | | | HOP473 | | | | | | |
| 04/26 03:23:00 - 04/26 05:26:24 | | Fixed (0.0, 0.0) | | | | HOP349/448+synoptic | | | | | | |
| 04/26 05:39:30 - 04/26 17:43:30 | | Track (-56.6, -102.1) @ 04/26 05:36:30 | | | | AR13654 | | | | | | |
| 04/26 19:03:00 - 04/26 22:38:00 | | Track (-21.0, 37.1) @ 04/26 19:00:00 | | | | HOP393 | | | | | | |

04/26 23:07:00 - 04/27 02:59:54 Track (61.1, -78.1) @ 04/26 23:00:00 HOP473
 04/27 03:03:00 - 04/27 05:59:54 Fixed (0.0, 0.0) HOP349/448+synoptic
 04/27 06:13:00 - 04/27 11:11:00 Track (167.0, -105.1) @ 04/27 06:10:00 AR13654

| PROG= 14 30-time(s) | | | | | | | | | | | | |
|----------------------------|------------------|-------|------|-------|-------|-----|-----|----------------------|-------|------------|----------|--------|
| Subr= 1 20-time(s) 2.0sec | | | | | | | | | | | | |
| Seqn= 11 1-time(s) 2.0sec | | | | | | | | | | | | |
| Al-poly/Open | Al-poly/thick-Al | close | Safe | Norm | 125ms | Obs | 2x2 | 512x512 (1024, 1024) | Q=95 | 2 | 0 | 2.0sec |
| Seqn= 73 1-time(s) 10.0sec | | | | | | | | | | | | |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 125ms | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 3 | 0 | 2.0sec |
| med-Be/Open | Open/thick-Al | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 3 | 0 | 2.0sec |
| Open/thick-Be | Open/thick-Be | close | Safe | Norm | 2.00s | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 3 | 0 | 2.0sec |
| Subr= 2 1-time(s) 2.0sec | | | | | | | | | | | | |
| Seqn= 10 1-time(s) 2.0sec | | | | | | | | | | | | |
| med-Al/Open | med-Al/thick-Al | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 3 | 0 | 2.0sec |
| Open/thick-Be | Open/thick-Be | close | Safe | Norm | 2.00s | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 3 | 0 | 2.0sec |
| Seqn= 11 1-time(s) 2.0sec | | | | | | | | | | | | |
| Al-poly/Open | Al-poly/thick-Al | close | Safe | Norm | 125ms | Obs | 2x2 | 512x512 (1024, 1024) | Q=95 | 2 | 0 | 2.0sec |
| Seqn= 87 1-time(s) 2.0sec | | | | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Open/thick-Al | Open/thick-Al | close | Safe | Dark | 1.00s | Obs | 1x1 | 384x384 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Open/thick-Al | Open/thick-Al | close | Safe | Dark | 1.00s | Obs | 2x2 | 512x512 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

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Active Region Search

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NOT USED

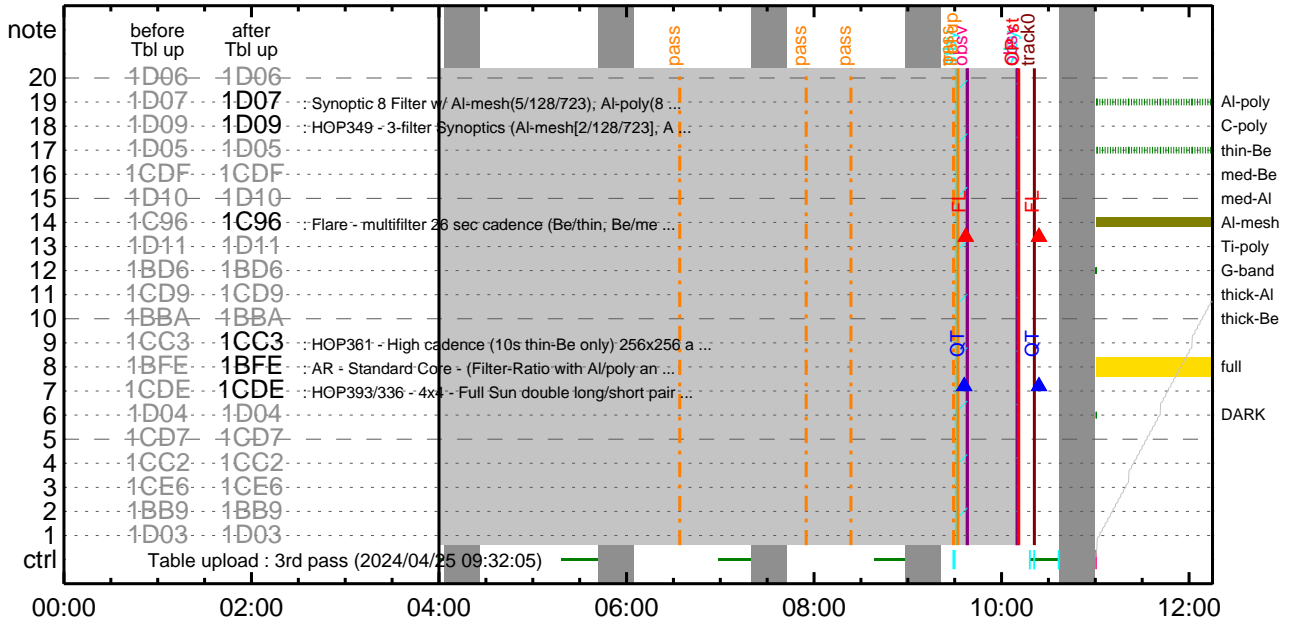
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Flare Detection

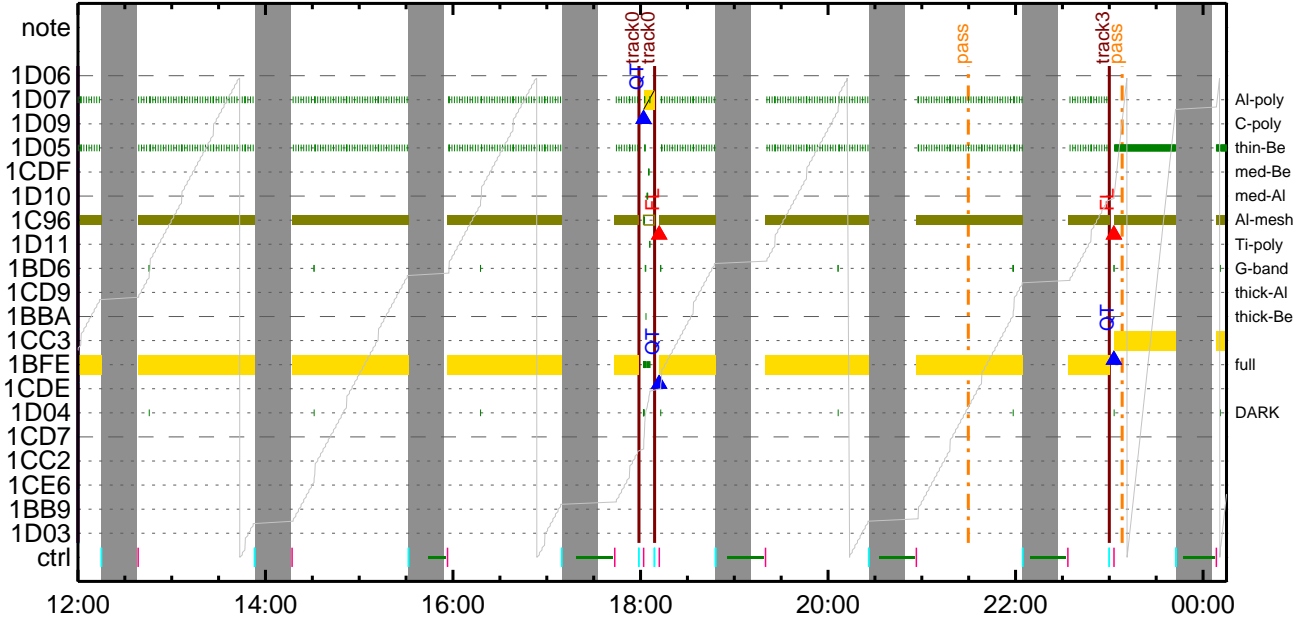
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| FLD Patrol | | | | | | | | | | | | |
|---------------------------------|----------------|-------|---|-------|------|-----|---------|--------------------|-------|------------|----------|--|
| Term | | | Pointing (x, y) | | | | Comment | | | | | |
| 04/25 09:33:05 - 04/25 17:59:18 | | | cannot be identified | | | | | | | | | |
| 04/25 18:09:18 - 04/26 05:26:48 | | | Fixed (910.0, -200.0) | | | | AR13645 | | | | | |
| 04/26 05:36:48 - 04/26 18:16:18 | | | Track (-56.6, -102.1) @ 04/26 05:36:30 | | | | AR13654 | | | | | |
| 04/26 19:00:18 - 04/27 06:00:18 | | | Track (-21.0, 37.1) @ 04/26 19:00:00 | | | | HOP393 | | | | | |
| 04/27 06:10:18 - 04/30 11:21:00 | | | Track (167.0, -105.1) @ 04/27 06:10:00 | | | | AR13654 | | | | | |
| 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 | |

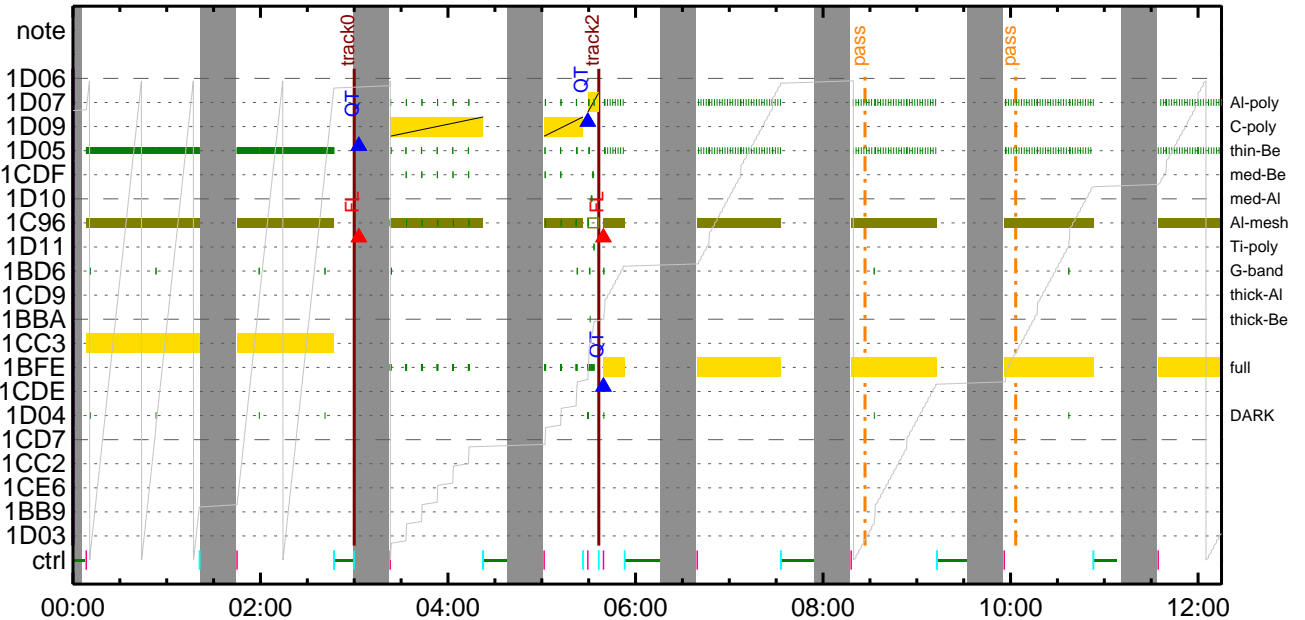
CMDI #0776 2024/04/25



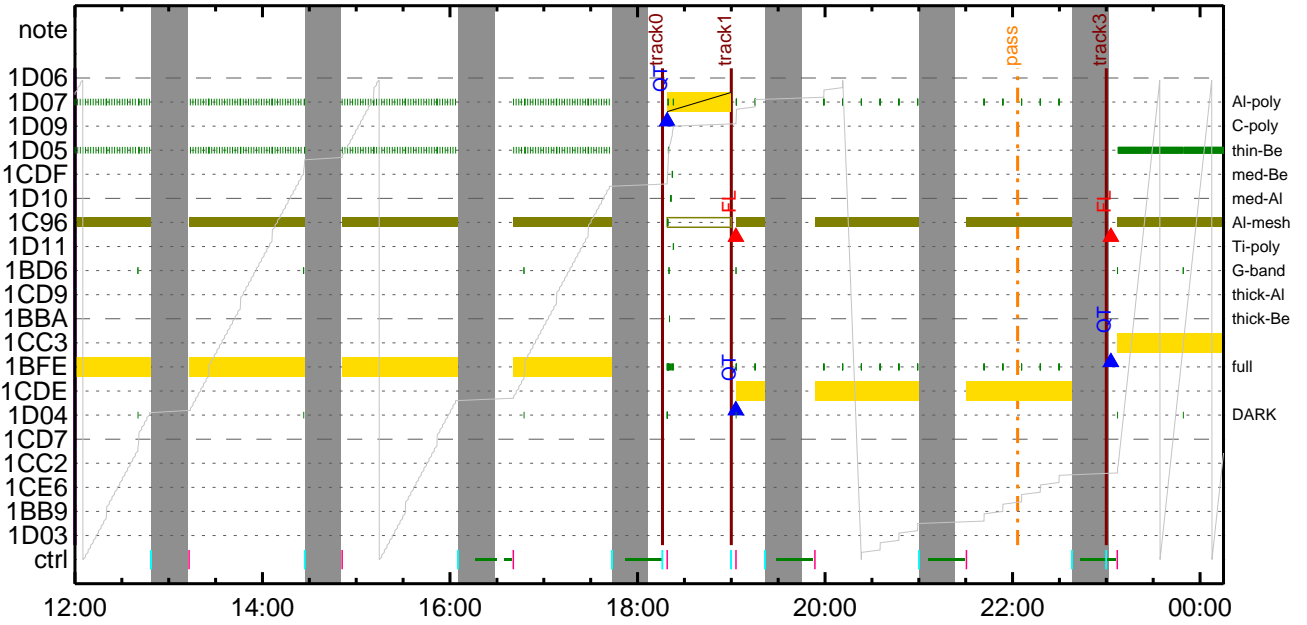
CMDI #0776 2024/04/25



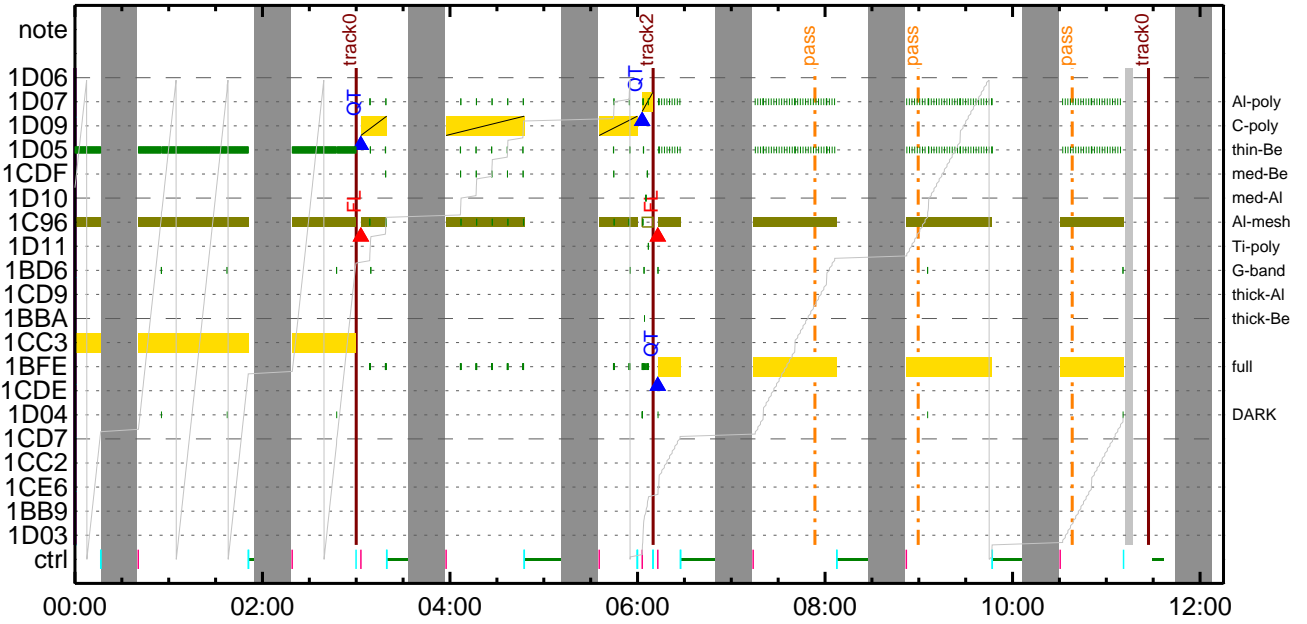
CMDI #0776 2024/04/26



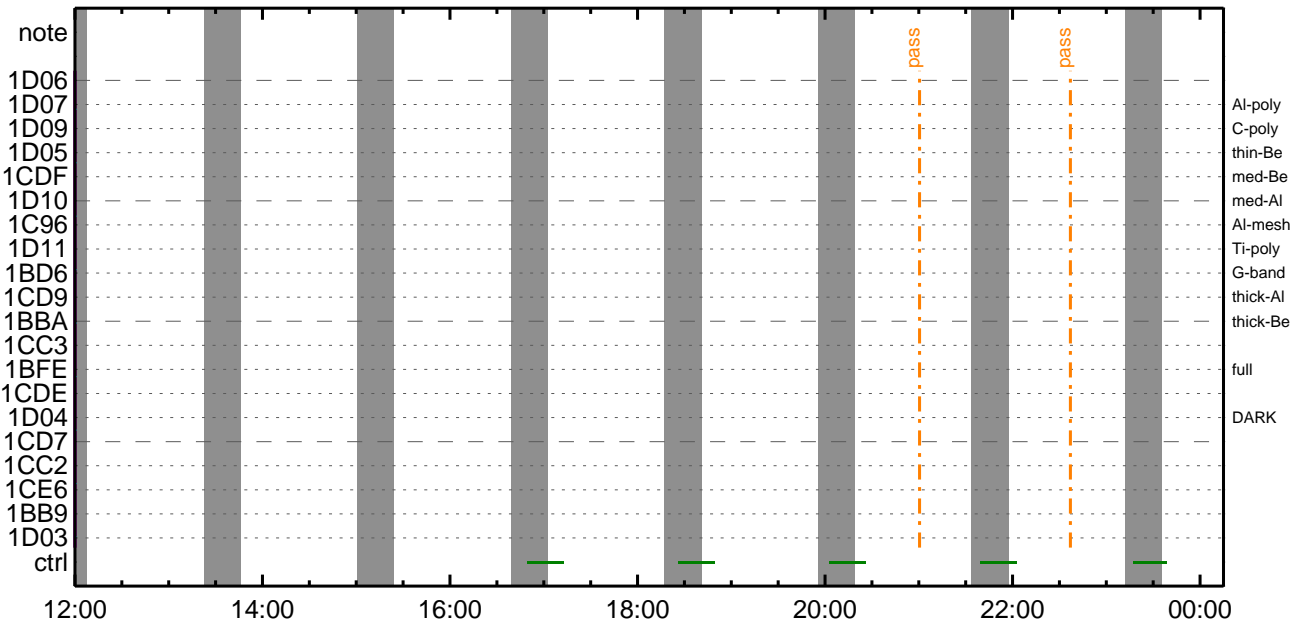
CMDI #0776 2024/04/26



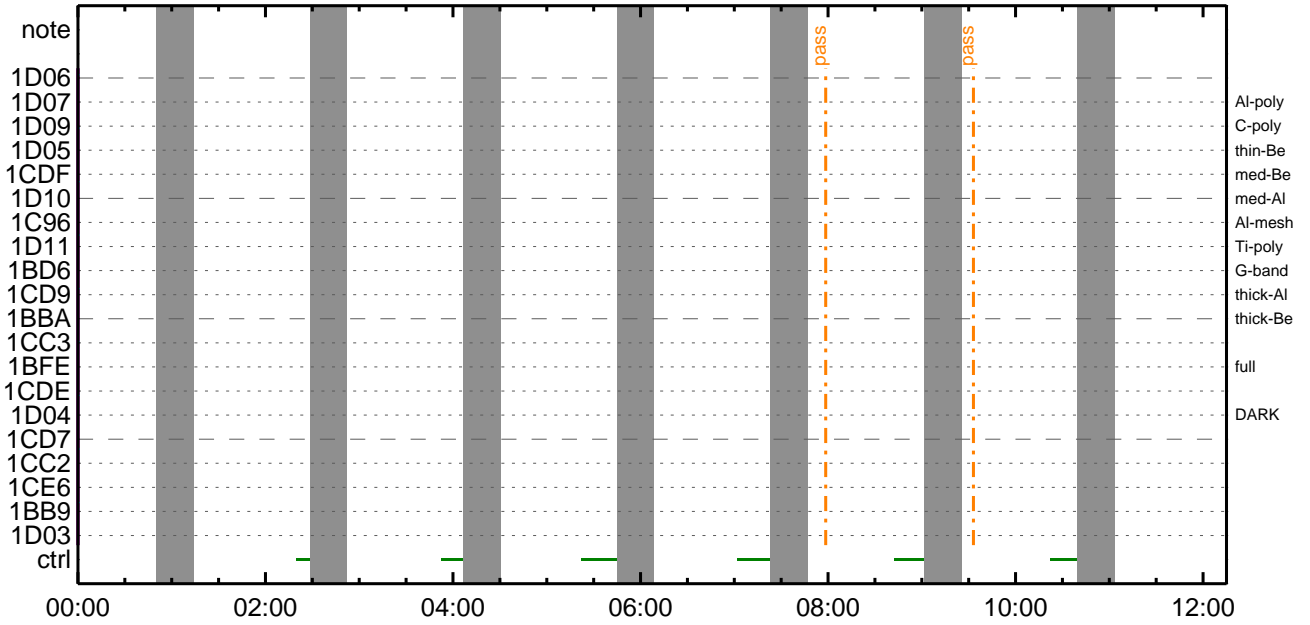
CMDI #0776 2024/04/27



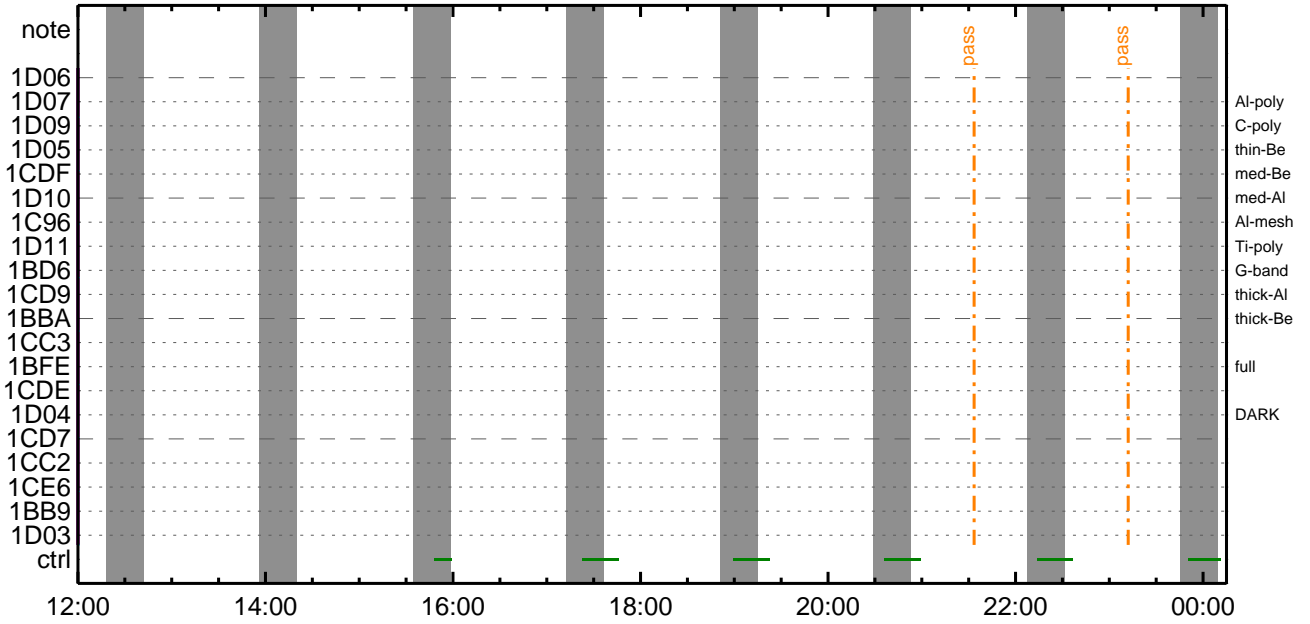
CMDI #0776 2024/04/27



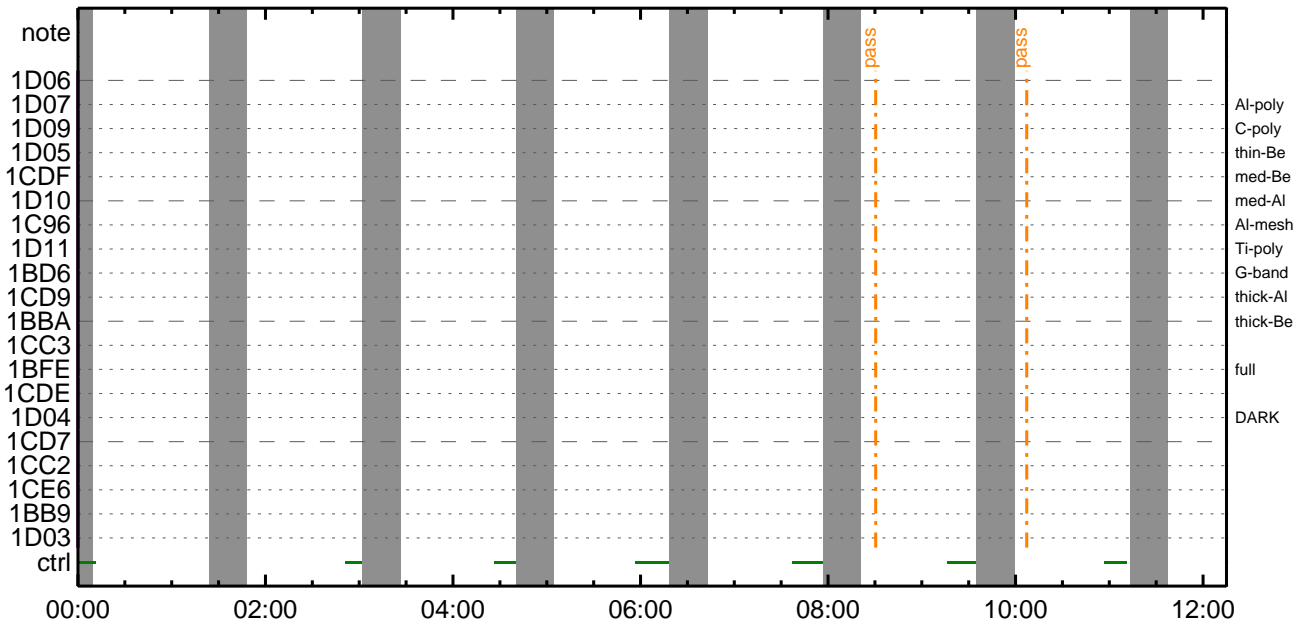
CMDI #0776 2024/04/28



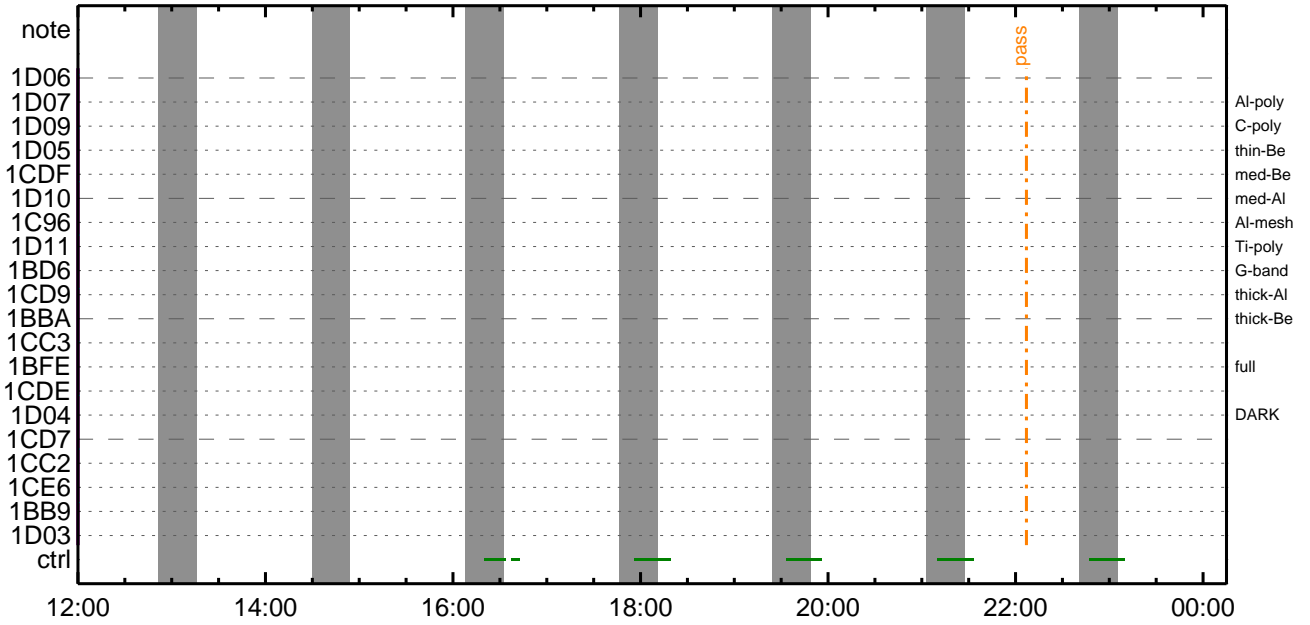
CMDI #0776 2024/04/28



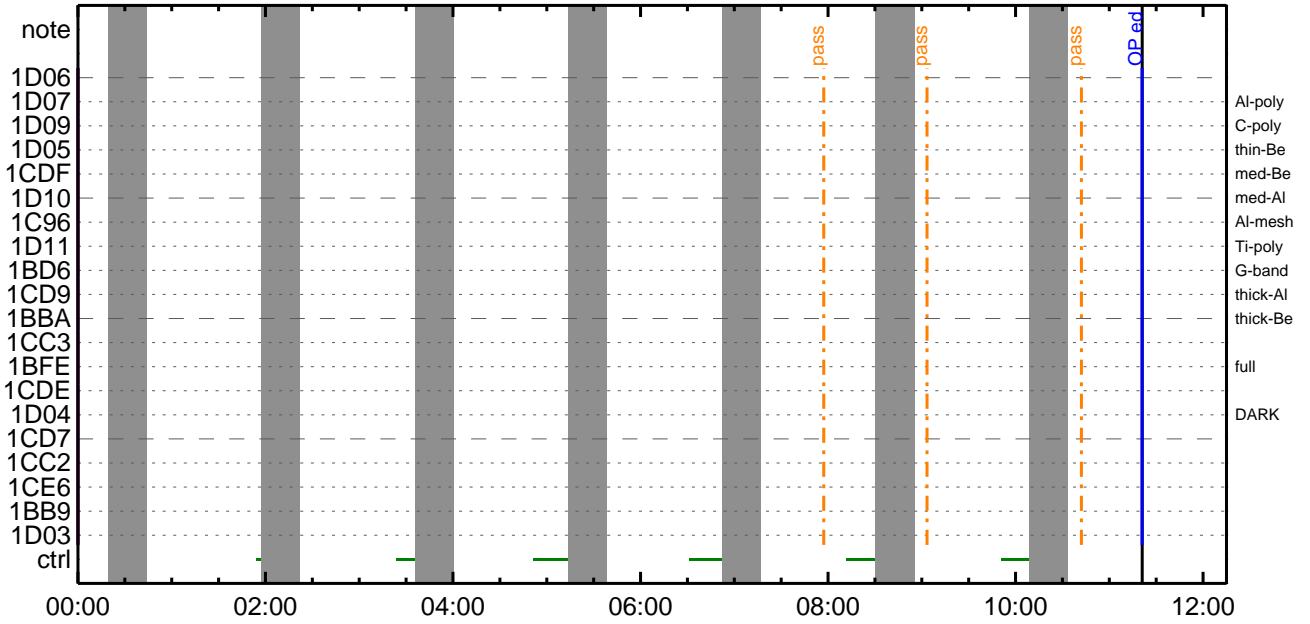
CMDI #0776 2024/04/29



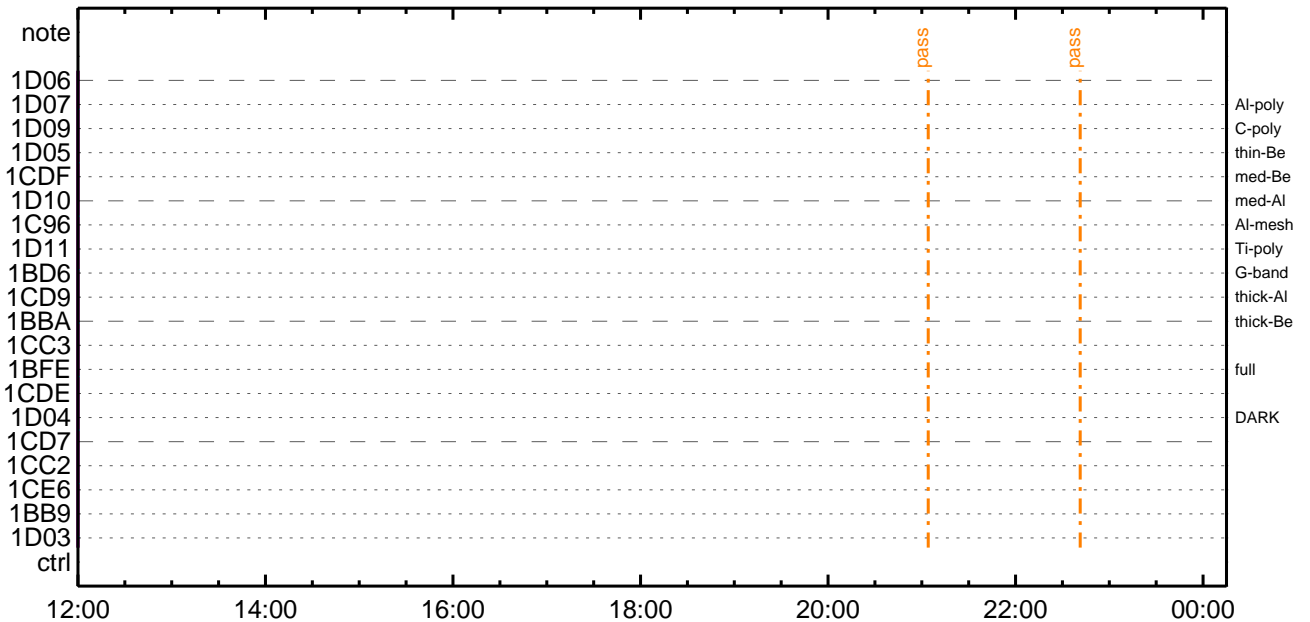
CMDI #0776 2024/04/29



CMDI #0776 2024/04/30



CMDI #0776 2024/04/30



(a) Spacecraft Operation Procedure (real-commands)

```
main-522 2024-04-25 12:06:43 194 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSÿÁÿSÿÄÿ-¼Ä»Û;ä
0005 C.
0006 C. ÿÀÿß;¼ÿ³ÿDÿóÿÉÄ÷ç®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;ËçµÄñ•µ°Æ»Í×ÁÇñÍÿçÿÄÿ×ÿÿí;¼ÿÉ;ËËèµ•ííË;ËñË¼°ÇÖñ•ñç¼í¹çñí;çÀ®, ùñ¹ñèñDñÇÁ÷ç®ñ•ñËñññ³ñÈ;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. OP/OGÿí;¼ÿÉ;ÿÿÿÄÿóÿ×
0016 C. *****
0017 C.
0018 . C. ;ãOP/OGÿí;¼ÿÉ;ä
0019 . S. OP op-522:OP
0020 ()
0021 . S. OG og-522:OG
0022 ()
0023 C.
0024 . C. ;ãNMOG&OPíî°èÿÿÄÿóÿ×;ä
0025 C. NMOG(0x200000-0x207FFF;$ 32 kbyte)
0026 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0027 BC (20 00 7f 01 02)
0028 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0029 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0030 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0031 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0032 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0033 +. DC 01-22 DHU_MODE_CHNG
0034 BC (07 0b f8)
0035 C. çç[HK1_PKT_FORM_NO] EQ 7
0036 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0037 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0038 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0039 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0040 . C. ÿÀÿóÿ×½ªí»ñð³íÇS
0041 C. çç[HK1_DMP_CHK_FLG] EQ NON
0042 . C. RAM ID=NMOGñí¾È¹ç•è²íOKñð³íÇS
0043 C.
0044 C. NMOG(0x208000-0x20FFFF;$ 32 kbyte)
0045 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0046 BC (20 80 7f 01 02)
0047 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0048 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0049 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0050 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0051 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0052 +. DC 01-22 DHU_MODE_CHNG
0053 BC (07 0b f8)
0054 C. çç[HK1_PKT_FORM_NO] EQ 7
0055 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0056 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0057 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0058 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0059 . C. ÿÀÿóÿ×½ªí»ñð³íÇS
0060 C. çç[HK1_DMP_CHK_FLG] EQ NON
0061 . C. RAM ID=NMOGñí¾È¹ç•è²íOKñð³íÇS
0062 C.
0063 C. NMOG(0x210000-0x2100FF;$ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0064 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0065 BC (21 00 41 01 02)
0066 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0067 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0068 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0069 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0070 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0071 +. DC 01-22 DHU_MODE_CHNG
0072 BC (07 0b f8)
0073 C. çç[HK1_PKT_FORM_NO] EQ 7
0074 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0075 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0076 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0077 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0078 . C. ÿÀÿóÿ×½ªí»ñð³íÇS
0079 C. çç[HK1_DMP_CHK_FLG] EQ NON
0080 . C. RAM ID=NMOG, RAM ID=OPñí¾È¹ç•è²íOKñð³íÇS
0081 C.
0082 . C. ***** °È²¼ñí¾Ä´¶í°ñÈË-ñ°Á÷ç® (¾ãµ-ÿÀÿóÿ×½ªé½çñðÁÓÃæñÇ½ªñ´ñè¾¼í¹çñçñá) *****
0083 C. DHUÿá;¼ÿÉ;Ë¼ÿ½, ÿí;¼ÿÉ;Ëñðíáñ¹
0084 +. DC 01-22 DHU_MODE_CHNG
0085 BC (02 0a f8)
0086 C. çç[HK1_PKT_FORM_NO] EQ 2
0087 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0088 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0089 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0090 C.
0091 . C. *****
0092 C. TI-CMD SET (OPOG STOP/COPY/START)
0093 C. *****
0094 C.
0095 . C. NOTICE ;$ OPOG UPLOADñ-Á÷ç®ñGñí¾È¹ç;ç°È²¼ñí¾Ä¹Çñ°ññññ³ñÈ;£
```


(a) Spacecraft Operation Procedure (real-commands)

```
main-523 2024-04-25 12:06:43 85 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŸÁŸSŸÄŸ~¼Ä»Û;ä
0005 C.
0006 C. ŸÄŸß;¼Ÿ³ŸDŸóŸÉÄ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èñ¿ñÄñ•µ°È»Í×ÁÇñÍŸçŸÄŸ×Ÿí;¼ŸÉ;ÈÈè¼µ•íÍÈ;ÈñÈ¼°ÇÖñ•ñ¿¼í¹ÇñÍ;çÄ®, ùñ¹ñèñDñÇÄ÷¿®ñ•ñÈñññ³ñÈ;ñ
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. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0046 +. DC 07-FC EIS_MODE_CHG_ENA
0047 BC (20)
0048 . C. Verify EIS_MODE_CHG_FLG is ENA
0049 +. DC 07-FC EIS_MODE_MANU
0050 BC (21 02)
0051 . C. Verify EIS in MANUAL mode
0052 . C. Estimated OBSTBL upload time is 26s
0053 C. *****
0054 C. EIS START OBSTBL LOAD
0055 C. *****
0056 . S. RAM ram-820:EIS_OBSTBL
0057 ( )
0058 +. DC 07-FC EIS_DUMP_OBSTBL
0059 BC (07 07 07 00 00 70 00)
0060 C.
0061 C. Execute, after the success of OBSTBL upload.
0062 C. Set EIS TI-commands
0063 +. TI 2024-04-25 10:10:50.0
0064 DC 07-FC EIS_MODE_CHG_ENA
0065 BC (20)
0066 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0067 C. *****
0068 C. EIS END OBSTBL LOAD
0069 C. *****
0070 C.
0071 . C. ***** MDP ´ûÄÎñÍ»ó¼ŸñÈÄDñ¹ñèDCBC•×²è *****
0072 C. (¾å°íŸÓŸÄŸÈŸDŸŸÈŸáŸçŸëñÈ¼¼ññ¼Ä»Ûñ¹ñè)
0073 . S. DC-BC dcbc-402:DCBC
0074 (MDP_known_event)
0075 C.
0076 C.
0077 . C. ***** ŸDŸ¹!•Ï Daily±¿ÍññÈ´Øñ¹ñèDCBC•×²è *****
0078 . S. DC-BC dcbc-153:DCBC
0079 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0080 C.
0081 C.
0082 . C. ;ãLOSŸÁŸSŸÄŸ~¼Ä»Û;ä
0083 C.
0084 . C. ***** LOS *****
0085 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-524 2024-04-25 12:06:43 184 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÁY~¼Á»Û;ä
0005 C.
0006 C. YÀYß;¼Y³YDÝÓYÉÁ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Ëµ¿µÄµ•µ°Ë>Í×ÁÇµÍYÇYÁY×Yí;¼YÉ;ËËËµ•ííË;ËËË¼°ÇÖµ•µ¿¼í¹ÇµÍ; ÇÀ®, ùµ¹µËµDµÇÁ÷¿®µ•µËµµµ³µË; £
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÁ÷¿µ;ON
0016 C. *****
0017 C. Ç° ÒÈÀ, Í×ËÝµÄLOSµDµÇµÍ»p´Öµò¹íí, µ•; ÇÉÖÍ×µËXÁÓONµÍ¹ÖµËµíµËµµµ³µË; £
0018 C.
0019 +. DC 03-B4 TCIA_XPA_ON/HI
0020 M. WAIT_SEC 1
0021 + DC 03-84 TCIA_XMOD_ON
0022 M. WAIT_SEC 1
0023 + DC 03-95 TCIA_XMOD_QPSK
0024 C. ÇÇ [HK1_XPA_ON/OFF] EQ ON
0025 C. ÇÇ [HK1_XPA_PWR_HI/LO] EQ HI
0026 C. ÇÇ [HK1_XMOD_ON/OFF] EQ ON
0027 C. ÇÇ [HK1_XMOD_QPSK/PM] EQ QPSK
0028 C.
0029 . C. XYDÝÓYÉYíYÁY~¾ÖÁÖµ¬°ÄÄËµ•µ¿µÉ; Ç°Ë²¼µí°ÈÀ, ¼Ë½Çµò¼Á¹Öµ¹µË; £
0030 C.
0031 . C. *****
0032 C. DR PT1 Áí¼í°ÈÀ,
0033 C. *****
0034 C. Ç° RESTART;ËPT1;Ëµ•µ¿µ¾¼í¹ÇµÍ; Ç°Ë²¼µí°ÈÀ¹Öµµ°; ÇDCBC-150µØ¿Ëµà; £
0035 C.
0036 . C. ;ãPT1°ÈÀ, ³«»í;ä
0037 +. DC 01-29 DHU_S/X_VC4_OFF
0038 + DC 06-C8 DR_PT1_REP_SEL
0039 BC (01 00)
0040 + DC 06-B3 DR_REP_START
0041 + DC 01-32 DHU_X_VC4_ON
0042 C. ÇÇ [HK1_REP_PT_1/2] EQ PT1 (¼Á¹Ö, ;¼Ú)
0043 C. ÇÇ [HK1_REP_STA/STP] EQ START (¼Á¹Ö, ;¼Ú)
0044 C. ÇÇ [HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ö, ;¼Ú)
0045 C.
0046 . C. ;ãYÇYÓYËYËËÁÁÛ;ËÁ•Á°²óÈò;Ë, áµí°ÈÀ, °Ë³«;ä
0047 +. DC 06-B3 DR_REP_START
0048 + DC 01-32 DHU_X_VC4_ON
0049 C. ÇÇ [HK1_REP_PT_1/2] EQ PT1 (¼Á¹Ö, ;¼Ú)
0050 C. ÇÇ [HK1_REP_STA/STP] EQ START (¼Á¹Ö, ;¼Ú)
0051 C. ÇÇ [HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ö, ;¼Ú)
0052 C.
0053 C.
0054 . C. PT1°ÈÀ, µ¬¼«°ÈÀ»ßµ•µ¿, á; Ç°Ë²¼µò¼Á¹Öµ¹µË; £
0055 C. YÇYÓYËYËËÁÁÛ»ßÁ•Á°²óÈòµ¬¼«áµ¾¼í¹ÇµÍ´°í»µ¹µËµDµÇÁÖµÄ; £
0056 C.
0057 . C. *****
0058 C. DR PT2 Áí¼í°ÈÀ,
0059 C. *****
0060 C. Ç° RESTART;ËPT2;Ëµ•µ¿µ¾¼í¹ÇµÍ; Ç°Ë²¼µí°ÈÀ¹Öµµ°; ÇDCBC-151µØ¿Ëµà; £
0061 C.
0062 . C. ;ãPT2°ÈÀ, ³«»í;ä
0063 +. DC 01-29 DHU_S/X_VC4_OFF
0064 + DC 06-C8 DR_PT2_REP_SEL
0065 BC (02 00)
0066 + DC 06-B3 DR_REP_START
0067 + DC 01-32 DHU_X_VC4_ON
0068 C. ÇÇ [HK1_REP_PT_1/2] EQ PT2 (¼Á¹Ö, ;¼Ú)
0069 C. ÇÇ [HK1_REP_STA/STP] EQ START (¼Á¹Ö, ;¼Ú)
0070 C. ÇÇ [HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ö, ;¼Ú)
0071 C.
0072 . C. ;ãYÇYÓYËYËËÁÁÛ;ËÁ•Á°²óÈò;Ë, áµí°ÈÀ, °Ë³«;ä
0073 +. DC 06-B3 DR_REP_START
0074 + DC 01-32 DHU_X_VC4_ON
0075 C. ÇÇ [HK1_REP_PT_1/2] EQ PT2 (¼Á¹Ö, ;¼Ú)
0076 C. ÇÇ [HK1_REP_STA/STP] EQ START (¼Á¹Ö, ;¼Ú)
0077 C. ÇÇ [HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ö, ;¼Ú)
0078 C.
0079 . C. *****
0080 C. DR°ÈÀ, Áá»ß; ÇXÁ÷¿µ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°ÈÀ, Áá»ß;ä
0084 +. DC 06-B4 DR_REP_STOP
0085 + DC 01-29 DHU_S/X_VC4_OFF
0086 C. ÇÇ [HK1_REP_STA/STP] EQ STOP
0087 C. ÇÇ [HK1_S_VC4_ON/OFF] EQ OFF
0088 C. ÇÇ [HK1_X_VC4_ON/OFF] EQ OFF
0089 C.
0090 . C. ;ãXÁ÷¿µ;OFF;ä
0091 +. DC 03-85 TCIA_XMOD_OFF
0092 M. WAIT_SEC 1
0093 + DC 03-B5 TCIA_XPA_OFF
0094 C. ÇÇ [HK1_XMOD_ON/OFF] EQ OFF
0095 C. ÇÇ [HK1_XPA_ON/OFF] EQ OFF
```

```

0096 C.
0097 C.
0098 C.
0099 C. ***** XRT START *****
0100 C.
0101 +. DC 07-F0 MDP_XRT_CTRL_MANU
0102 BC (c1)
0103 +. DC 07-F0 MDP_XRT_CTRL_MANU
0104 BC (c1)
0105 + DC 07-F0 MDP_XRT_MODE_STBY
0106 BC (c3)
0107 . C. ----- Success Verify ? OK / NG ____
0108 C.
0109 C. XRT Obs. Table Upload
0110 . S. RAM ram-291:MDP_OBS_X
0111 ()
0112 C.
0113 +. DC 07-F0 MDP_DUMP_XRTTBL
0114 BC (84 07 00 00 00 3a d4)
0115 . C. ----- Comparison Check ? OK / ERR ____
0116 C.
0117 C.
0118 +. DC 07-F0 MDP_XRT_ROI_SET
0119 BC (cd 01 b1 b1 04 04)
0120 + DC 07-F0 MDP_XRT_ROI_SET
0121 BC (cd 02 b1 b1 08 08)
0122 + DC 07-F0 MDP_XRT_ROI_SET
0123 BC (cd 03 b1 b1 08 08)
0124 + DC 07-F0 MDP_XRT_ROI_SET
0125 BC (cd 04 b1 b1 06 06)
0126 + DC 07-F0 MDP_XRT_ROI_SET
0127 BC (cd 06 85 83 06 06)
0128 + DC 07-F0 MDP_XRT_ROI_SET
0129 BC (cd 07 80 80 20 20)
0130 + DC 07-F0 MDP_XRT_ROI_SET
0131 BC (cd 08 80 80 20 08)
0132 + DC 07-F0 MDP_XRT_ROI_SET
0133 BC (cd 09 80 80 08 20)
0134 + DC 07-F0 MDP_XRT_ROI_SET
0135 BC (cd 0a 85 83 04 04)
0136 + DC 07-F0 MDP_XRT_ROI_SET
0137 BC (cd 0b 80 80 08 08)
0138 + DC 07-F0 MDP_XRT_ROI_SET
0139 BC (cd 0f 80 80 06 06)
0140 + DC 07-F0 MDP_XRT_ROI_SET
0141 BC (cd 10 80 80 08 08)
0142 + DC 07-F0 MDP_XRT_FLD_ENA
0143 BC (d8)
0144 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0145 BC (c8)
0146 + DC 07-F0 MDP_XRT_ARS_DIS
0147 BC (d5)
0148 + DC 07-F0 MDP_XRT_AEC_RESET
0149 BC (d0)
0150 + DC 07-F0 MDP_XRT_FLD_RESET
0151 BC (da)
0152 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0153 BC (c4 08)
0154 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0155 BC (c5 0e)
0156 . C. ----- Success Verify ? OK / NG ____
0157 C.
0158 C.
0159 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0160 C.
0161 +. DC 07-F0 MDP_XRT_MODE_OBSV
0162 BC (c2)
0163 +. TI 2024-04-25 10:10:02.0
0164 DC 07-F0 MDP_XRT_MODE_OBSV
0165 BC (c2)
0166 . C. ----- Success Verify ? OK / NG ____
0167 C.
0168 C. ***** XRT END *****
0169 C.
0170 . C. ***** MDP 'úÃî»Ï»ö¼Ý»ËÄ»¹»ëDCBC•x²è *****
0171 C. (%ã°î¥Ö¥Ã¥Ë¥Ï¥Ë¥ã¥ç¥ë»Ë¼»¼Ã»Û¹»é)
0172 . S. DC-BC dcbc-402:DCBC
0173 (MDP_known_event)
0174 C.
0175 C.
0176 . C. ***** ¥Ð¥¹•Ï Daily±çÍÑ»Ë'Ø»¹»ëDCBC•x²è *****
0177 . S. DC-BC dcbc-153:DCBC
0178 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0179 C.
0180 C.
0181 . C. ;ãLOS¥Á¥S¥Ã¥¹¼Ã»Û;ã
0182 C.
0183 . C. ***** LOS *****
0184 C.

```

*** OP Sequence for XRT ***

| | | | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2024/04/25 | 10:18:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/04/25 | 10:18:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/04/25 | 10:18:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2024/04/25 | 10:18:06.0 | XRT_PREFLR_STRT_403_OG [0x193] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2024/04/25 | 10:20:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/04/25 | 10:20:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/04/25 | 10:20:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2024/04/25 | 10:21:00.0 | AOCS_Or-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 11 ca af 1b | | | | |
| 2024/04/25 | 10:21:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2024/04/25 | 10:21:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2024/04/25 | 10:21:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2024/04/25 | 10:21:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2024/04/25 | 10:21:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2024/04/25 | 10:21:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2024/04/25 | 10:23:56.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 08 | | | | |
| 2024/04/25 | 10:23:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0e | | | | |
| 2024/04/25 | 10:36:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/04/25 | 10:36:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/04/25 | 10:36:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2024/04/25 | 10:36:36.0 | XRT_PREFLR_STRT_403_OG [0x193] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2024/04/25 | 10:39:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2024/04/25 | 10:59:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2024/04/25 | 11:00:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2024/04/25 | 12:15:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/04/25 | 12:15:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/04/25 | 12:15:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2024/04/25 | 12:15:06.0 | XRT_PREFLR_STRT_403_OG [0x193] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2024/04/25 | 12:18:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2024/04/25 | 12:37:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2024/04/25 | 12:38:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2024/04/25 | 13:53:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/04/25 | 13:53:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/04/25 | 13:53:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2024/04/25 | 13:53:06.0 | XRT_PREFLR_STRT_403_OG [0x193] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2024/04/25 | 13:56:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2024/04/25 | 14:16:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2024/04/25 | 14:17:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2024/04/25 | 15:31:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/04/25 | 15:31:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/04/25 | 15:31:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2024/04/25 | 15:31:36.0 | XRT_PREFLR_STRT_403_OG [0x193] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2024/04/25 | 15:34:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2024/04/25 | 15:55:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2024/04/25 | 15:56:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2024/04/25 | 17:09:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/04/25 | 17:09:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/04/25 | 17:09:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2024/04/25 | 17:09:36.0 | XRT_PREFLR_STRT_403_OG [0x193] | | | | | | | |

| | | | | | | | |
|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|
| 2024/04/25 | 17:12:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2024/04/25 | 17:42:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2024/04/25 | 17:43:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2024/04/25 | 17:58:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/04/25 | 17:58:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/04/25 | 17:58:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | |
| | | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2024/04/25 | 17:59:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | |
| | | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | |
| 2024/04/25 | 17:59:18.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | |
| | | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2024/04/25 | 17:59:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | |
| | | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2024/04/25 | 17:59:22.0 | XRT_ARS_DIS_435_OG [0x1b3] | | | | | |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2024/04/25 | 18:01:58.0 | XRT_QT_PROG_SET_401_OG [0x191] | | | | | |
| | | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 13 | |
| 2024/04/25 | 18:02:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2024/04/25 | 18:08:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/04/25 | 18:08:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/04/25 | 18:08:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | |
| | | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2024/04/25 | 18:09:00.0 | AOCS_ORe-point_Start_1_OG [0x097] | | | | | |
| | | | AOCU_NM | 5 | 02-76 | 00 11 ca af 1b | |
| 2024/04/25 | 18:09:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | |
| | | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2024/04/25 | 18:09:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | |
| | | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2024/04/25 | 18:09:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | |
| | | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2024/04/25 | 18:09:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2024/04/25 | 18:09:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2024/04/25 | 18:11:56.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | | | | | |
| | | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 08 | |
| 2024/04/25 | 18:11:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] | | | | | |
| | | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0e | |
| 2024/04/25 | 18:12:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2024/04/25 | 18:48:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/04/25 | 18:48:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/04/25 | 18:48:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2024/04/25 | 18:48:06.0 | XRT_PREFLR_STRT_403_OG [0x193] | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2024/04/25 | 18:51:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2024/04/25 | 19:19:00.5 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2024/04/25 | 19:20:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2024/04/25 | 20:26:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/04/25 | 20:26:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/04/25 | 20:26:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2024/04/25 | 20:26:06.0 | XRT_PREFLR_STRT_403_OG [0x193] | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2024/04/25 | 20:29:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2024/04/25 | 20:55:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2024/04/25 | 20:56:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2024/04/25 | 22:04:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/04/25 | 22:04:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/04/25 | 22:04:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2024/04/25 | 22:04:36.0 | XRT_PREFLR_STRT_403_OG [0x193] | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2024/04/25 | 22:07:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2024/04/25 | 22:32:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2024/04/25 | 22:33:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2024/04/25 | 22:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/04/25 | 22:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/04/25 | 22:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | |
| | | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |

| | | | | | |
|------------|------------|---|---|-------|----------------|
| 2024/04/25 | 23:00:00.0 | AOCS_OrE-point_Start_3_OG [0x099] AOCU_NM | 5 | 02-76 | 03 03 74 01 db |
| 2024/04/25 | 23:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2024/04/25 | 23:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2024/04/25 | 23:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2024/04/25 | 23:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2024/04/25 | 23:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2024/04/25 | 23:02:56.0 | XRT_QT_PROG_SET_443_OG [0x1bb] MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09 |
| 2024/04/25 | 23:02:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0e |
| 2024/04/25 | 23:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2024/04/25 | 23:42:30.0 | XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/04/25 | 23:42:32.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/04/25 | 23:42:34.0 | XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2024/04/25 | 23:42:36.0 | XRT_PREFLR_STRT_403_OG [0x193] MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2024/04/25 | 23:45:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2024/04/26 | 00:07:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2024/04/26 | 00:08:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2024/04/26 | 01:21:00.0 | XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/04/26 | 01:21:02.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/04/26 | 01:21:04.0 | XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2024/04/26 | 01:21:06.0 | XRT_PREFLR_STRT_403_OG [0x193] MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2024/04/26 | 01:24:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2024/04/26 | 01:44:00.5 | XRT_Custom_430_OG [0x1ae] | | | |
| 2024/04/26 | 01:45:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2024/04/26 | 02:47:00.0 | XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/04/26 | 02:47:02.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/04/26 | 02:47:04.0 | XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2024/04/26 | 02:47:06.0 | XRT_PREFLR_STRT_403_OG [0x193] MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2024/04/26 | 02:50:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2024/04/26 | 02:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/04/26 | 02:59:56.0 | XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2024/04/26 | 03:00:00.0 | AOCS_OrE-point_Start_2_OG [0x098] AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2024/04/26 | 03:00:16.0 | XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2024/04/26 | 03:00:18.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2024/04/26 | 03:00:20.0 | XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2024/04/26 | 03:00:22.0 | XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2024/04/26 | 03:00:24.0 | XRT_FLD_RESET_438_OG [0x1b6] MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2024/04/26 | 03:02:56.0 | XRT_QT_PROG_SET_436_OG [0x1b4] MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 |
| 2024/04/26 | 03:02:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0e |
| 2024/04/26 | 03:22:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2024/04/26 | 03:23:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2024/04/26 | 04:22:30.0 | XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/04/26 | 04:22:32.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/04/26 | 04:22:34.0 | XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2024/04/26 | 04:22:36.0 | XRT_PREFLR_STRT_403_OG [0x193] MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2024/04/26 | 04:25:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2024/04/26 | 05:00:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2024/04/26 | 05:01:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2024/04/26 | 05:26:24.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2024/04/26 | 05:26:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |

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| 2024/04/26 | 05:26:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| | | XRT_FOCUS_POSITION | | 4 | 07-F8 | 22 | ff | aa 00 |
| 2024/04/26 | 05:26:48.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | |
| 2024/04/26 | 05:26:50.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | |
| 2024/04/26 | 05:26:52.0 | XRT_ARS_DIS_435_OG [0x1b3] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2024/04/26 | 05:29:28.0 | XRT_QT_PROG_SET_401_OG [0x191] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 13 | |
| 2024/04/26 | 05:29:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2024/04/26 | 05:36:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/26 | 05:36:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/26 | 05:36:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 00 |
| 2024/04/26 | 05:36:30.0 | AOCs_Or-point_Start_4_OG [0x09a] | AOCU_NM | 5 | 02-76 | 02 | 03 | 74 01 db |
| 2024/04/26 | 05:36:48.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2024/04/26 | 05:36:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2024/04/26 | 05:36:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2024/04/26 | 05:36:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2024/04/26 | 05:36:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2024/04/26 | 05:39:26.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 08 | |
| 2024/04/26 | 05:39:28.0 | XRT_FL_PROG_SET_439_OG [0x1b7] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0e | |
| 2024/04/26 | 05:39:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2024/04/26 | 05:53:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/26 | 05:53:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/26 | 05:53:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2024/04/26 | 05:53:06.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2024/04/26 | 05:56:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2024/04/26 | 06:38:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2024/04/26 | 06:39:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2024/04/26 | 07:33:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/26 | 07:33:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/26 | 07:33:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2024/04/26 | 07:33:06.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2024/04/26 | 07:36:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2024/04/26 | 08:17:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2024/04/26 | 08:18:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2024/04/26 | 09:13:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/26 | 09:13:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/26 | 09:13:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2024/04/26 | 09:13:06.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2024/04/26 | 09:16:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2024/04/26 | 09:55:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2024/04/26 | 09:56:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2024/04/26 | 10:53:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/26 | 10:53:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/26 | 10:53:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2024/04/26 | 10:53:06.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2024/04/26 | 10:56:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2024/04/26 | 11:33:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2024/04/26 | 11:34:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2024/04/26 | 12:48:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/26 | 12:48:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|
| 2024/04/26 | 12:48:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2024/04/26 | 12:48:36.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2024/04/26 | 12:51:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2024/04/26 | 13:12:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2024/04/26 | 13:13:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2024/04/26 | 14:27:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/04/26 | 14:27:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/04/26 | 14:27:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2024/04/26 | 14:27:06.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2024/04/26 | 14:30:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2024/04/26 | 14:50:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2024/04/26 | 14:51:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2024/04/26 | 16:05:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/04/26 | 16:05:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/04/26 | 16:05:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2024/04/26 | 16:05:06.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2024/04/26 | 16:08:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2024/04/26 | 16:39:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2024/04/26 | 16:40:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2024/04/26 | 17:43:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/04/26 | 17:43:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/04/26 | 17:43:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2024/04/26 | 17:43:36.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2024/04/26 | 17:46:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2024/04/26 | 18:15:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/04/26 | 18:15:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/04/26 | 18:15:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2024/04/26 | 18:16:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | |
| 2024/04/26 | 18:16:18.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2024/04/26 | 18:16:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2024/04/26 | 18:16:22.0 | XRT_ARS_DIS_435_OG [0x1b3] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2024/04/26 | 18:18:58.0 | XRT_QT_PROG_SET_401_OG [0x191] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 13 | |
| 2024/04/26 | 18:19:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2024/04/26 | 18:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/04/26 | 18:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/04/26 | 18:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2024/04/26 | 19:00:00.0 | AOCS_ORe-point_Start_5_OG [0x09b] | AOCU_NM | 5 | 02-76 | 01 03 74 01 db | |
| 2024/04/26 | 19:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2024/04/26 | 19:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2024/04/26 | 19:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2024/04/26 | 19:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2024/04/26 | 19:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2024/04/26 | 19:02:56.0 | XRT_QT_PROG_SET_447_OG [0x1bf] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 07 | |
| 2024/04/26 | 19:02:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0e | |
| 2024/04/26 | 19:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2024/04/26 | 19:21:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/04/26 | 19:21:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2024/04/26 | 19:21:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|--|
| 2024/04/26 | 19:21:36.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2024/04/26 | 19:24:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2024/04/26 | 19:52:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2024/04/26 | 19:53:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2024/04/26 | 21:00:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/26 | 21:00:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/26 | 21:00:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2024/04/26 | 21:00:06.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2024/04/26 | 21:03:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2024/04/26 | 21:29:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2024/04/26 | 21:30:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2024/04/26 | 22:38:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/26 | 22:38:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/26 | 22:38:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2024/04/26 | 22:38:06.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2024/04/26 | 22:41:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2024/04/26 | 22:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/26 | 22:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/26 | 22:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | |
| 2024/04/26 | 23:00:00.0 | AOCS_ORe-point_Start_6_OG [0x09c] | AOCU_NM | 5 | 02-76 | 03 00 00 00 00 | | |
| 2024/04/26 | 23:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2024/04/26 | 23:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2024/04/26 | 23:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2024/04/26 | 23:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2024/04/26 | 23:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2024/04/26 | 23:02:56.0 | XRT_QT_PROG_SET_443_OG [0x1bb] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09 | | |
| 2024/04/26 | 23:02:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0e | | |
| 2024/04/26 | 23:06:00.5 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2024/04/26 | 23:07:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2024/04/27 | 00:16:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/27 | 00:16:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/27 | 00:16:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2024/04/27 | 00:16:36.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2024/04/27 | 00:19:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2024/04/27 | 00:39:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2024/04/27 | 00:40:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2024/04/27 | 01:51:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/27 | 01:51:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/27 | 01:51:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2024/04/27 | 01:51:06.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2024/04/27 | 01:54:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2024/04/27 | 02:18:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2024/04/27 | 02:19:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2024/04/27 | 02:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/27 | 02:59:56.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | |
| 2024/04/27 | 03:00:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | |
| 2024/04/27 | 03:00:16.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2024/04/27 | 03:00:18.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2024/04/27 | 03:00:20.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |

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| 2024/04/27 | 03:00:22.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2024/04/27 | 03:00:24.0 | XRT_FLD_RESET_438_OG [0x1b6] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2024/04/27 | 03:02:56.0 | XRT_QT_PROG_SET_436_OG [0x1b4] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 12 | |
| 2024/04/27 | 03:02:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0e | |
| 2024/04/27 | 03:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2024/04/27 | 03:19:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/27 | 03:19:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/27 | 03:19:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2024/04/27 | 03:19:36.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2024/04/27 | 03:22:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2024/04/27 | 03:56:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2024/04/27 | 03:57:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2024/04/27 | 04:47:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/27 | 04:47:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/27 | 04:47:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2024/04/27 | 04:47:36.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2024/04/27 | 04:50:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2024/04/27 | 05:34:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2024/04/27 | 05:35:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2024/04/27 | 05:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/27 | 05:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/27 | 05:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff aa 00 | |
| 2024/04/27 | 06:00:18.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | |
| 2024/04/27 | 06:00:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | |
| 2024/04/27 | 06:00:22.0 | XRT_ARS_DIS_435_OG [0x1b3] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2024/04/27 | 06:02:58.0 | XRT_QT_PROG_SET_401_OG [0x191] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 13 | |
| 2024/04/27 | 06:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2024/04/27 | 06:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/27 | 06:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/27 | 06:09:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe 97 00 | |
| 2024/04/27 | 06:10:00.0 | AOCS_OrE-point_Start_4_OG [0x09a] | AOCU_NM | 5 | 02-76 | 02 03 74 01 | db | |
| 2024/04/27 | 06:10:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2024/04/27 | 06:10:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2024/04/27 | 06:10:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2024/04/27 | 06:10:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2024/04/27 | 06:10:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2024/04/27 | 06:12:56.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 08 | |
| 2024/04/27 | 06:12:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0e | |
| 2024/04/27 | 06:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2024/04/27 | 06:27:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/27 | 06:27:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/27 | 06:27:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2024/04/27 | 06:27:36.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2024/04/27 | 06:30:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2024/04/27 | 07:13:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2024/04/27 | 07:14:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2024/04/27 | 08:07:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/04/27 | 08:07:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |

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| 2024/04/27 | 08:07:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2024/04/27 | 08:07:36.0 | XRT_PREFLR_STRT_403_OG [0x193] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2024/04/27 | 08:10:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2024/04/27 | 08:51:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2024/04/27 | 08:52:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2024/04/27 | 09:47:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/04/27 | 09:47:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/04/27 | 09:47:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2024/04/27 | 09:47:06.0 | XRT_PREFLR_STRT_403_OG [0x193] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2024/04/27 | 09:50:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2024/04/27 | 10:29:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2024/04/27 | 10:30:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2024/04/27 | 11:11:00.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/04/27 | 11:27:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |