

XRT Timeline to be uploaded on 2024/05/23

Period: 2024/05/23 11:16:00 - 2024/05/28 10:49:00

* * * * *

Normal mode

* * * * *

XOB #1BBA: AR - Standard Core - (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Al/poly context, with

| Term | Pointing (x, y) | Comment |
|---------------------------------|-----------------------------------------|-------------------------------|
| 05/23 11:36:30 - 05/23 17:54:54 | Track (233.4, -258.6) @ 05/23 11:26:00 | # OP start + 10min + AR 13685 |
| 05/23 18:48:30 - 05/24 03:50:30 | Track (291.8, -259.6) @ 05/23 18:20:00 | AR 13685 |

| PROG= 07 Inf.-time(s) | | | | | | | | | | | | | | |
|-----------------------|----------------|-----------|------|----------|-------|-----|-----|--------------------|--------------|-------|------------|----------|--------|--|
| Subr= 1 | | 1-time(s) | | 2.0sec | | | | | | | | | | |
| Seqn= 92 | | 1-time(s) | | 2.0sec | | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 384x384 | (1064, 1048) | DPCM | 0 | 0 | 2.0sec | |
| Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 384x384 | (1064, 1048) | DPCM | 0 | 0 | 2.0sec | |
| Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 16.0s | Obs | 1x1 | 384x384 | (1064, 1048) | Q=98 | 0 | 0 | 2.0sec | |
| Subr= 2 | | 5-time(s) | | 2.0sec | | | | | | | | | | |
| Seqn= 47 | | 1-time(s) | | 2.0sec | | | | | | | | | | |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 | (1064, 1048) | Q=95 | 2 | 0 | 2.0sec | |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 | (1064, 1048) | Q=95 | 3 | 0 | 2.0sec | |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 | (1064, 1048) | Q=95 | 2 | 0 | 2.0sec | |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 | (1064, 1048) | Q=95 | 3 | 0 | 2.0sec | |
| Seqn= 96 | | 4-time(s) | | 120.0sec | | | | | | | | | | |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 | (1064, 1048) | Q=95 | 1 | 0 | 2.0sec | |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 | (1064, 1048) | Q=95 | 1 | 0 | 2.0sec | |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 | (1064, 1048) | Q=95 | 1 | 1 | 2.0sec | |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 | (1064, 1048) | Q=95 | 1 | 1 | 2.0sec | |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 | (1064, 1048) | Q=95 | 1 | 2 | 2.0sec | |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 | (1064, 1048) | Q=95 | 1 | 2 | 2.0sec | |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | | Comp. | AEC Buffer | Interval | | |

XOB #1CED: Synoptic for HOP448 w/ Al-mesh(5/128/723), Al-poly(12/181/1443), Thin-Be(33/512/4096), Thick-Be(32768), Med-Al(256/8192/32768), Med-Be(12

| Term | Pointing (x, y) | Comment |
|---------------------------------|-------------------|-------------------------------------------------------|
| 05/23 17:58:00 - 05/23 18:08:00 | Fixed (0.0, 0.0) | synoptic, shifted manually + Stray light measurements |
| 05/24 18:33:00 - 05/24 18:42:00 | Fixed (0.0, 0.0) | synoptic, shifted manually + Stray light measurements |
| 05/25 05:31:30 - 05/25 05:38:24 | Fixed (0.0, 0.0) | HOP 349 + synoptic, shifted -31.5 min |

| PROG= 01 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= 15 | | 1-time(s) | | 2.0sec | | | | | | | | | | |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 12ms | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=95 | 0 | 0 | 2.0sec | |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 177ms | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=95 | 0 | 0 | 2.0sec | |
| Al-poly/Open | Al-poly/thick-Al | close | Safe | Norm | 1.41s | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=95 | 0 | 0 | 2.0sec | |
| Seqn= 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 | |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | | Comp. | AEC Buffer | Interval | | |

XOB #1D14: Stray light study 2024-1; Al-mesh and Al-poly, 2x2 full FOV(1min-cad) and 1x1 384 on AR(10sec-cad)

| Term | Pointing (x, y) | Comment |
|---------------------------------|-------------------|-------------------------------------------------------|
| 05/23 18:10:30 - 05/23 18:19:54 | Fixed (0.0, 0.0) | synoptic, shifted manually + Stray light measurements |

| PROG= 10 1-time(s) | | | | | | | | | | | | | | |
|--------------------|--|------------|--|---------|--|--|--|--|--|--|--|--|--|--|
| Subr= 2 | | 16-time(s) | | 2.0sec | | | | | | | | | | |
| Seqn= 40 | | 1-time(s) | | 10.0sec | | | | | | | | | | |

| | | | | | | | | | | | | | |
|----------------|------------------|------------------|---------------|----------------|-------|-------|-----|-----|------------------------|-------|------------|----------|--------|
| | Open/Al-mesh | Open/thick-Al | close | Safe | Norm | 2.83s | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| | Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Subr= 3 | 9-time(s) | | 2.0sec | | | | | | | | | | |
| | Seqn= 31 | 1-time(s) | | 2.0sec | | | | | | | | | |
| | Open/Al-mesh | Open/Ti-poly | close | Safe | Norm | 1.41s | Obs | 2x2 | 2048x2048 (1024, 1024) | DPCM | 0 | 0 | 2.0sec |
| | Al-poly/Open | Al-poly/Open | close | Safe | Norm | 2.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | DPCM | 0 | 0 | 2.0sec |
| | Seqn= 40 | 3-time(s) | | 10.0sec | | | | | | | | | |
| | Open/Al-mesh | Open/thick-Al | close | Safe | Norm | 2.83s | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| | Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (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 #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 |
|---------------------------------|-------------------|---------------------------------------|
| 05/24 04:31:00 - 05/24 06:13:24 | Fixed (0.0, 0.0) | HOP 349 + synoptic, shifted 13.5 min |
| 05/25 04:03:00 - 05/25 05:28:24 | Fixed (0.0, 0.0) | HOP 349 + synoptic, shifted -31.5 min |

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 #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 |
|---------------------------------|-------------------|--------------------------------------|
| 05/24 06:16:30 - 05/24 06:23:24 | Fixed (0.0, 0.0) | HOP 349 + synoptic, shifted 13.5 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 #1BB9: AR - Standard Core - (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Al/poly context, with

| Term | Pointing (x, y) | Comment |
|---------------------------------|-----------------------------------------|----------|
| 05/24 06:26:30 - 05/24 18:29:54 | Track (390.3, -261.6) @ 05/24 06:23:30 | AR 13685 |
| 05/24 19:22:00 - 05/24 23:39:30 | Track (486.5, -263.9) @ 05/24 18:53:00 | AR 13685 |
| 05/25 05:41:30 - 05/25 09:14:30 | Track (563.5, -265.9) @ 05/25 05:38:30 | AR 13685 |

PROG= 17 Inf.-time(s)

| | | | | | | | | | | | | |
|-----------------|----------------|------------------|------|-------|----------------|-----|-----|----------------------|-------|------------|----------|--------|
| Subr= 1 | | 1-time(s) | | | 2.0sec | | | | | | | |
| Seqn= 92 | | 1-time(s) | | | 2.0sec | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1064, 1048) | DPCM | 0 | 0 | 2.0sec |
| Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1064, 1048) | DPCM | 0 | 0 | 2.0sec |
| Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 16.0s | Obs | 1x1 | 384x384 (1064, 1048) | Q=98 | 0 | 0 | 2.0sec |
| Subr= 2 | | 5-time(s) | | | 2.0sec | | | | | | | |
| Seqn= 47 | | 1-time(s) | | | 2.0sec | | | | | | | |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 2 | 0 | 2.0sec |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 2 | 0 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| Seqn= 96 | | 4-time(s) | | | 90.0sec | | | | | | | |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 1 | 0 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 1 | 0 | 2.0sec |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 1 | 1 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 1 | 1 | 2.0sec |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 1 | 2 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 1 | 2 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

XOB #1D15: Stray light study 2024-2 ;Thin-Be, 2x2 full FOV(1min-cad) and 1x1 384 at Center (10sec-cad)

| Term | Pointing (x, y) | Comment |
|---------------------------------|-------------------|-------------------------------------------------------|
| 05/24 18:44:30 - 05/24 18:52:54 | Fixed (0.0, 0.0) | synoptic, shifted manually + Stray light measurements |

PROG= 20 1-time(s)

| | | | | | | | | | | | | |
|-----------------|----------------|-------------------|------|-------|----------------|-----|-----|------------------------|-------|------------|----------|--------|
| Subr= 2 | | 16-time(s) | | | 2.0sec | | | | | | | |
| Seqn= 80 | | 1-time(s) | | | 10.0sec | | | | | | | |
| Open/Al-mesh | Open/thick-Al | close | Safe | Norm | 2.83s | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1024, 1200) | Q=95 | 0 | 0 | 2.0sec |
| Subr= 3 | | 7-time(s) | | | 2.0sec | | | | | | | |
| Seqn= 95 | | 1-time(s) | | | 2.0sec | | | | | | | |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 11.3s | Obs | 2x2 | 2048x2048 (1024, 1024) | DPCM | 0 | 0 | 2.0sec |
| Seqn= 80 | | 3-time(s) | | | 10.0sec | | | | | | | |
| Open/Al-mesh | Open/thick-Al | close | Safe | Norm | 2.83s | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1024, 1200) | Q=95 | 0 | 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 |
|---------------------------------|----------------------------------------|---------|
| 05/25 00:10:00 - 05/25 03:59:54 | Track (-20.0, -39.9) @ 05/25 00:00:00 | HOP 393 |

PROG= 06 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

* * * * *

XOB #1C96: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Be/thick), AEC 3, 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512x512 2x2) + GB

| Term | Pointing (x, y) | Comment |
|---------------------------------|-----------------------------------------|--------------------------------------|
| 05/23 11:36:30 - 05/23 17:54:54 | Track (233.4, -258.6) @ 05/23 11:26:00 | # OP start + 10min + AR 13685 |
| 05/23 18:48:30 - 05/24 03:50:30 | Track (291.8, -259.6) @ 05/23 18:20:00 | AR 13685 |
| 05/24 04:31:00 - 05/24 06:13:24 | Fixed (0.0, 0.0) | HOP 349 + synoptic, shifted 13.5 min |

05/24 06:26:30 - 05/24 18:29:54 Track (390.3, -261.6) @ 05/24 06:23:30 AR 13685
 05/24 19:22:00 - 05/24 23:39:30 Track (486.5, -263.9) @ 05/24 18:53:00 AR 13685
 05/25 00:10:00 - 05/25 03:59:54 Track (-20.0, -39.9) @ 05/25 00:00:00 HOP 393
 05/25 04:03:00 - 05/25 05:28:24 Fixed (0.0, 0.0) HOP 349 + synoptic, shifted -31.5 min
 05/25 05:41:30 - 05/25 09:14:30 Track (563.5, -265.9) @ 05/25 05:38:30 AR 13685

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 | |

* * * * *

Active Region Search

* * * * *

NOT USED

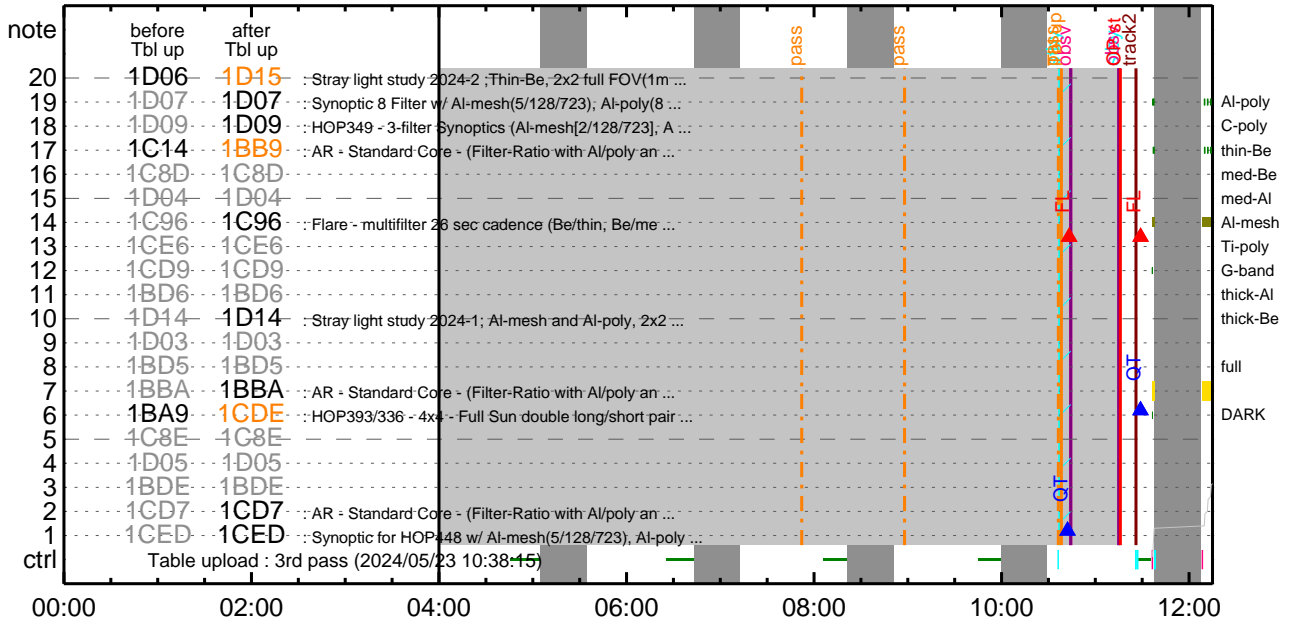
* * * * *

Flare Detection

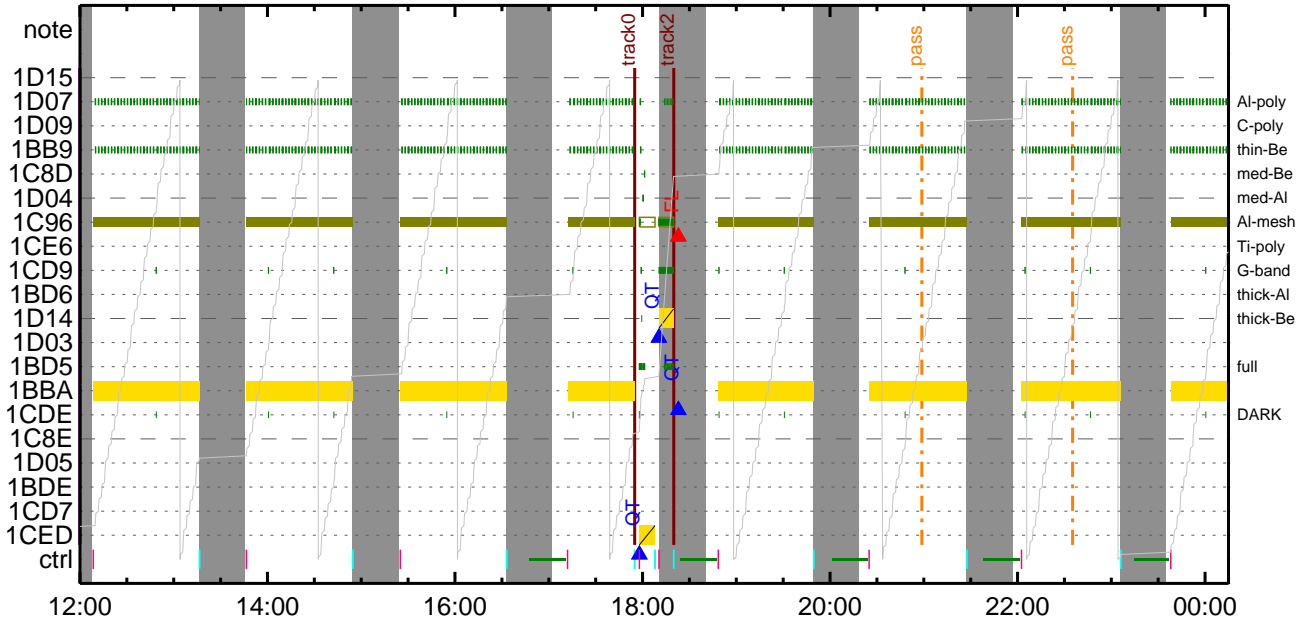
* * * * *

| FLD Patrol | | | | | | | | | | | | |
|---------------------------------|------------------------|------------------|----------|------|-------|------|---------|-----|--------------------|-------|------------|----------|
| Term | Pointing (x, y) | | | | | | Comment | | | | | |
| 05/23 10:39:15 - 05/23 17:55:18 | cannot be identified | | | | | | | | | | | |
| 05/23 18:20:18 - 05/24 06:13:48 | Track (291.8, -259.6) | @ 05/23 18:20:00 | AR 13685 | | | | | | | | | |
| 05/24 06:23:48 - 05/24 18:30:18 | Track (390.3, -261.6) | @ 05/24 06:23:30 | AR 13685 | | | | | | | | | |
| 05/24 18:53:18 - 05/25 05:28:48 | Track (486.5, -263.9) | @ 05/24 18:53:00 | AR 13685 | | | | | | | | | |
| 05/25 05:38:48 - 05/28 10:49:00 | Track (563.5, -265.9) | @ 05/25 05:38:30 | AR 13685 | | | | | | | | | |
| | 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 |

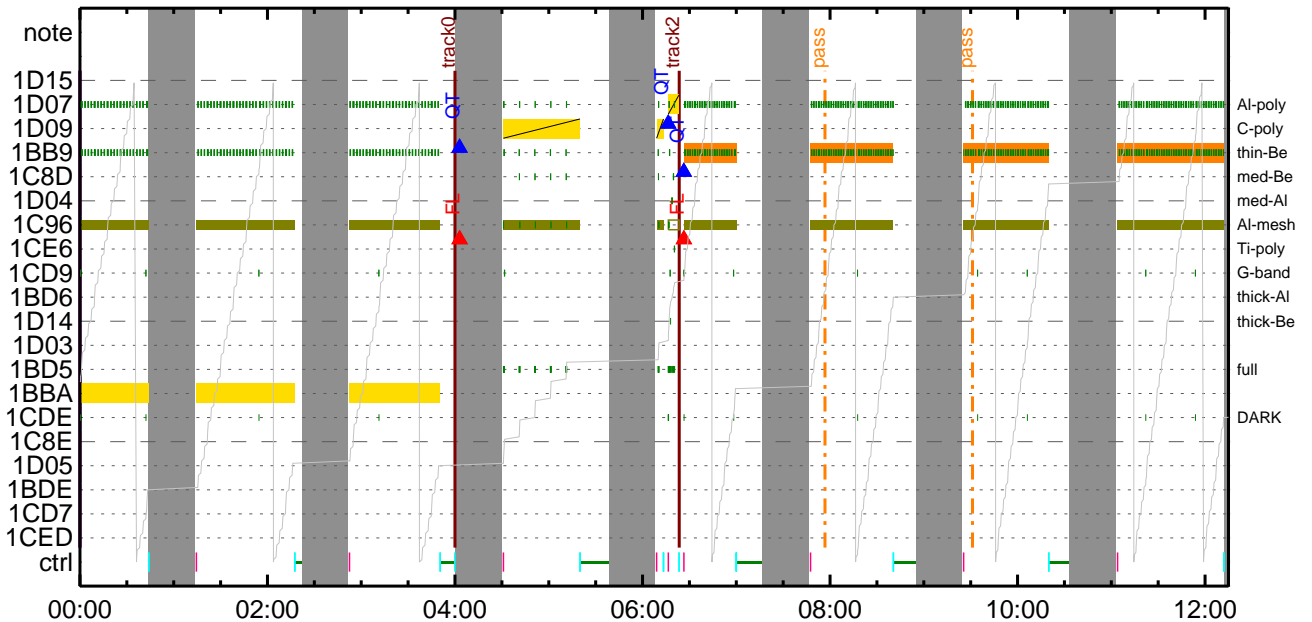
CMDI #0838 2024/05/23



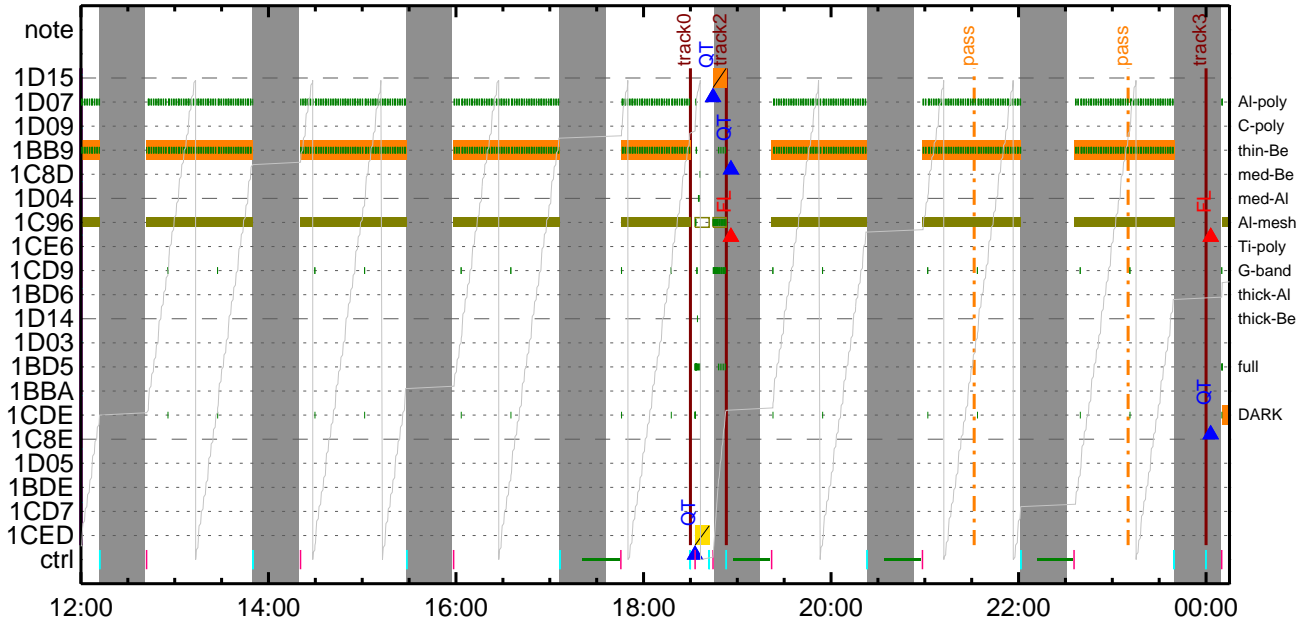
CMDI #0838 2024/05/23



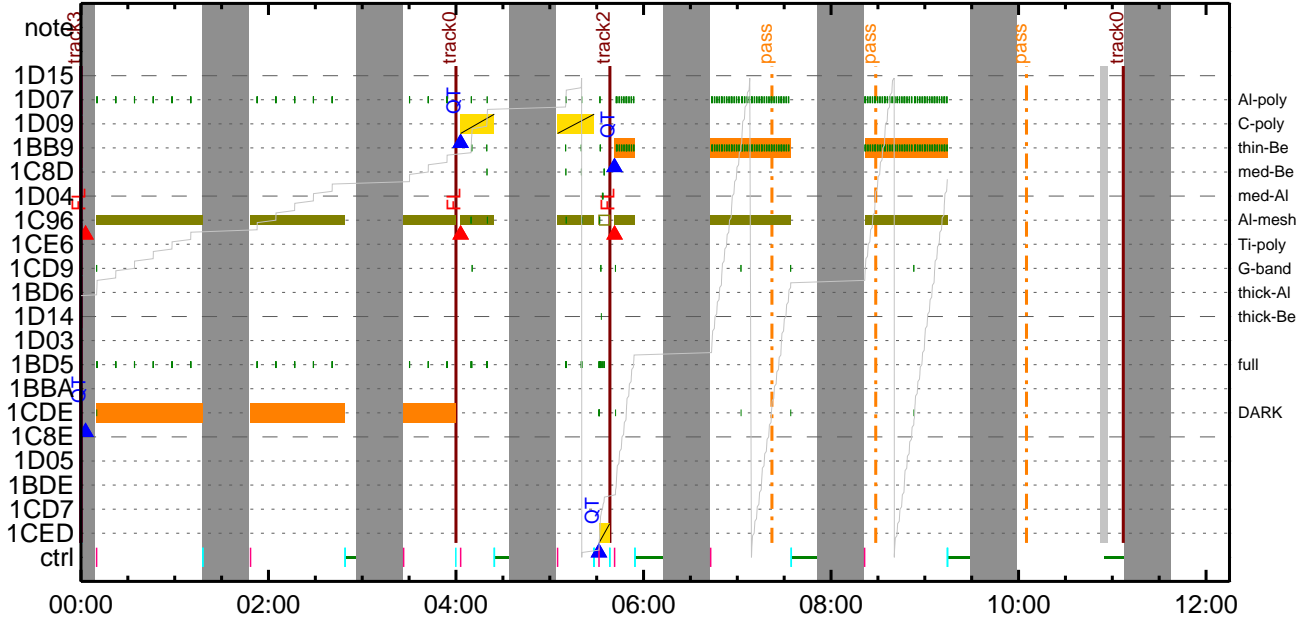
CMDI #0838 2024/05/24



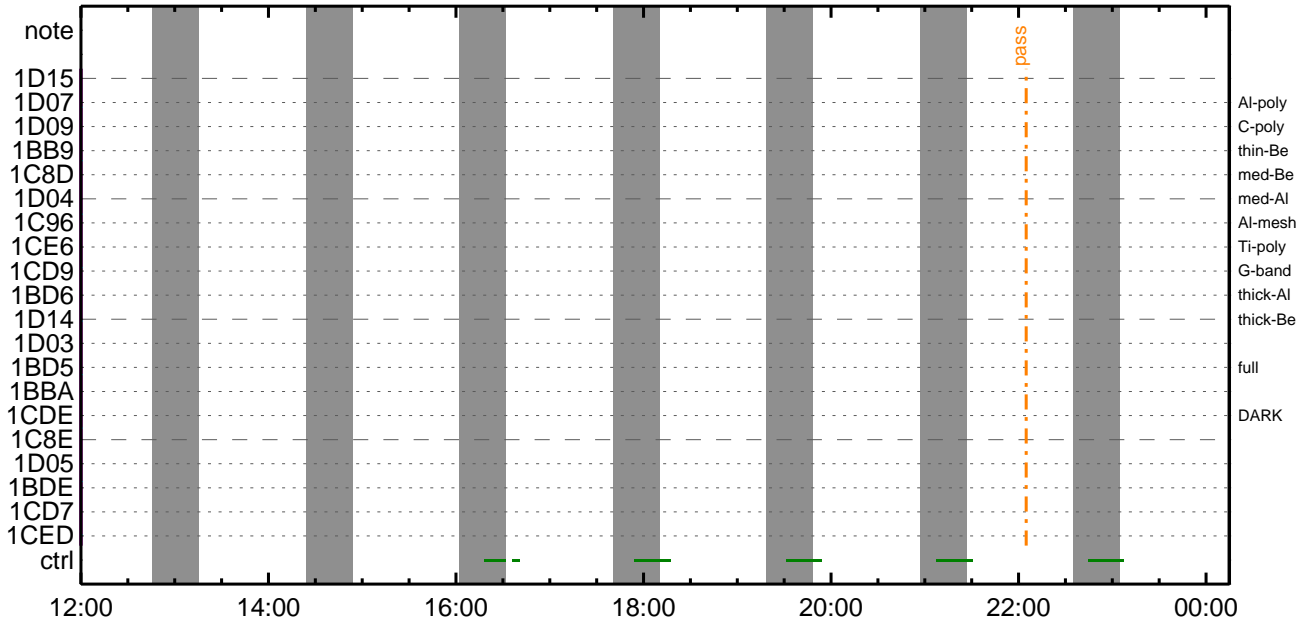
CMDI #0838 2024/05/24



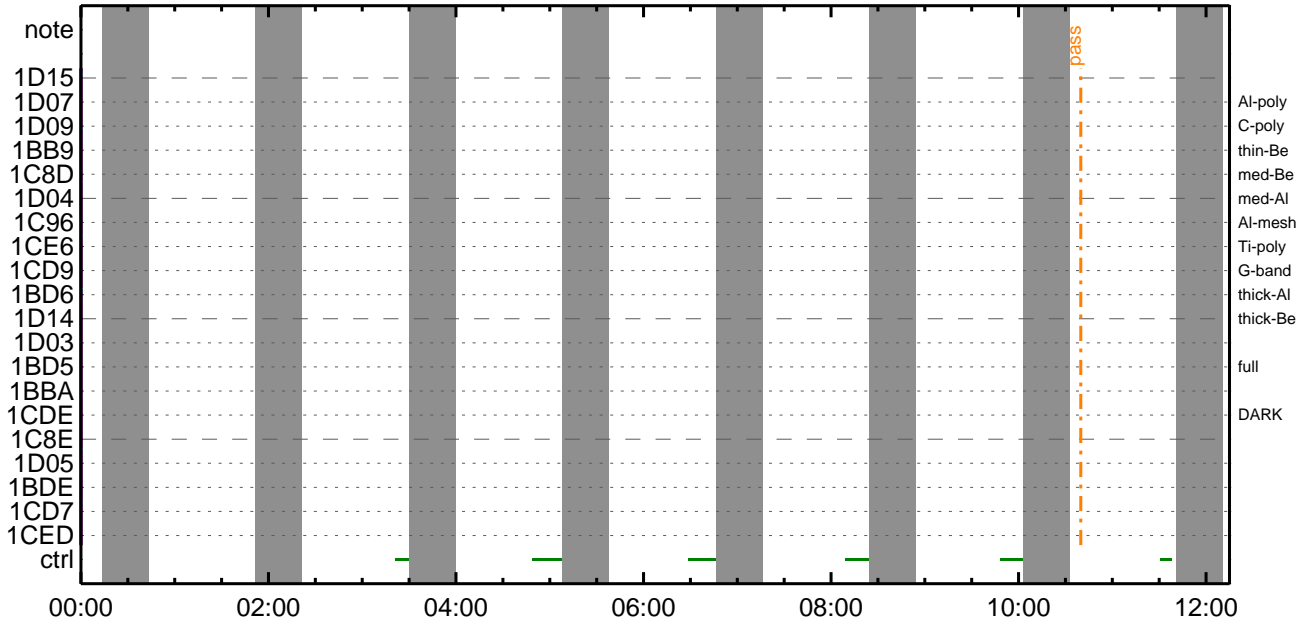
CMDI #0838 2024/05/25



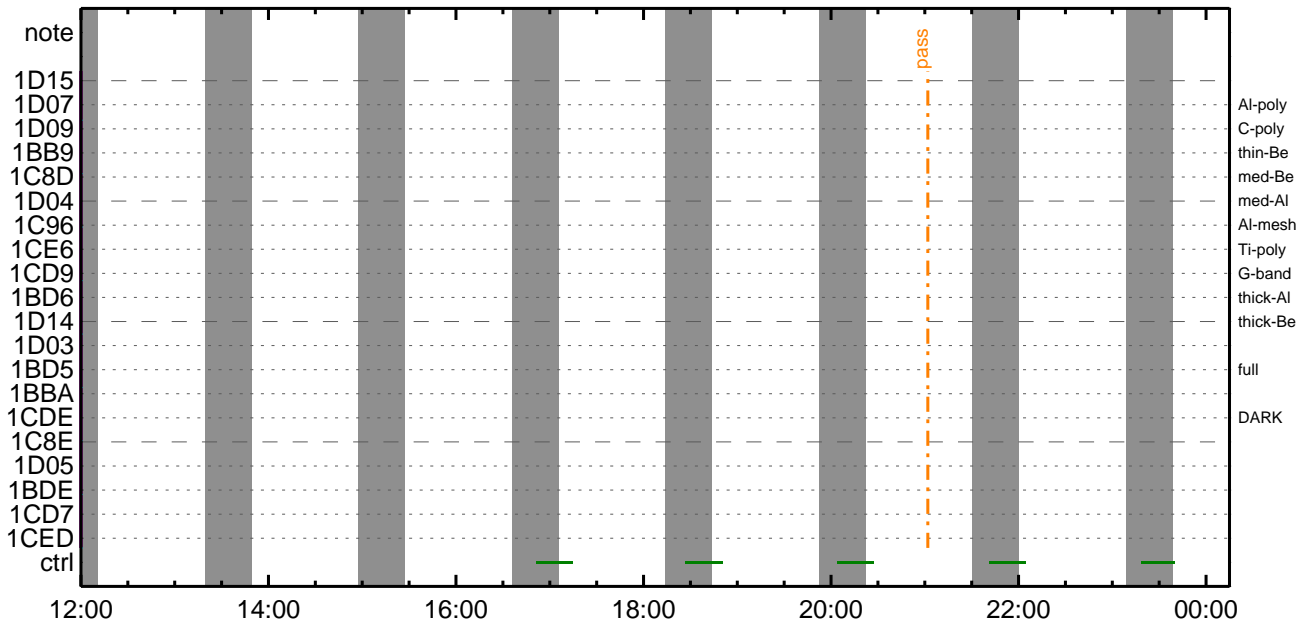
CMDI #0838 2024/05/25



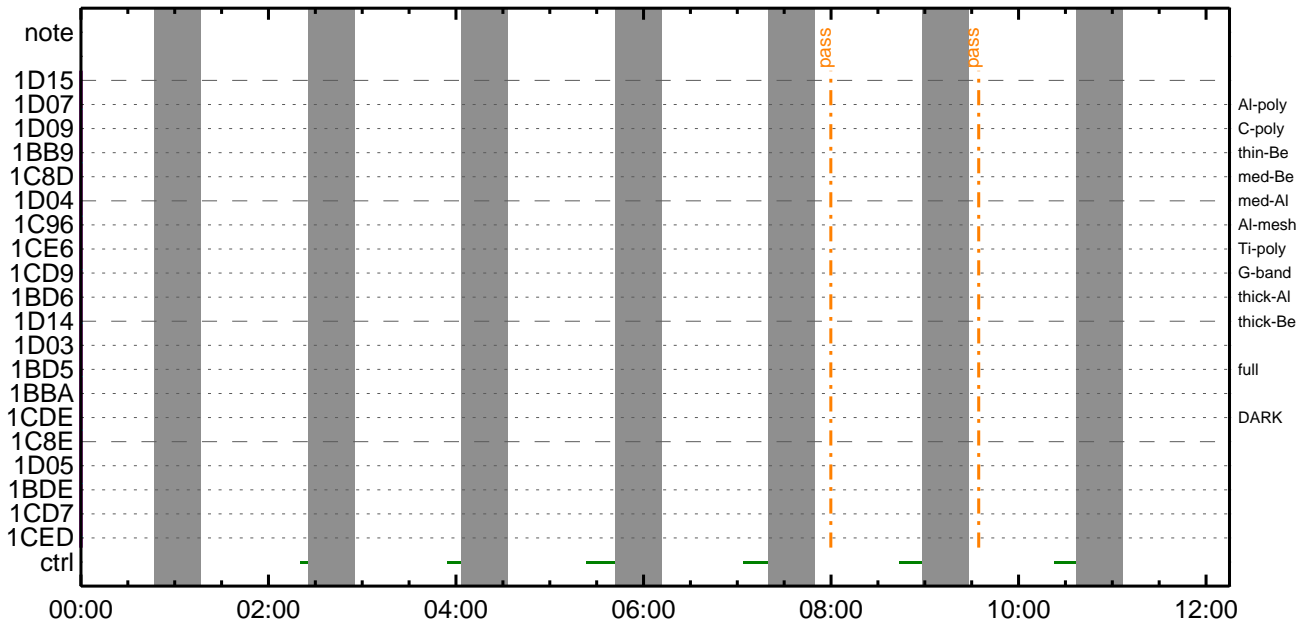
CMDI #0838 2024/05/26



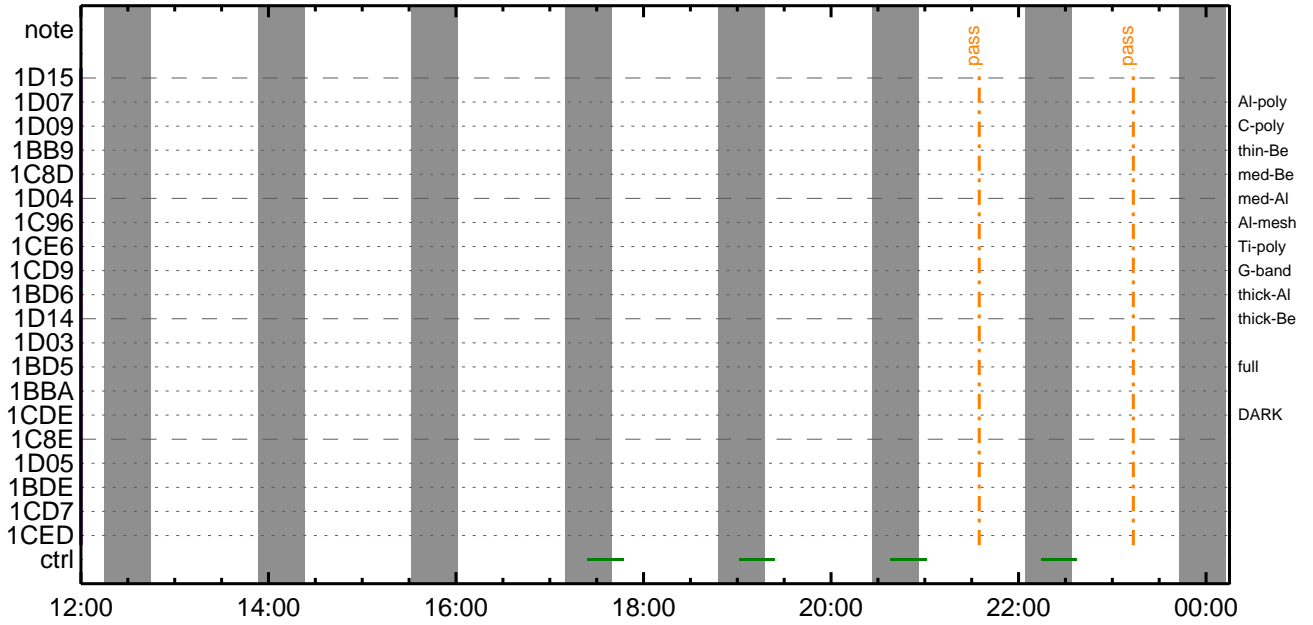
CMDI #0838 2024/05/26



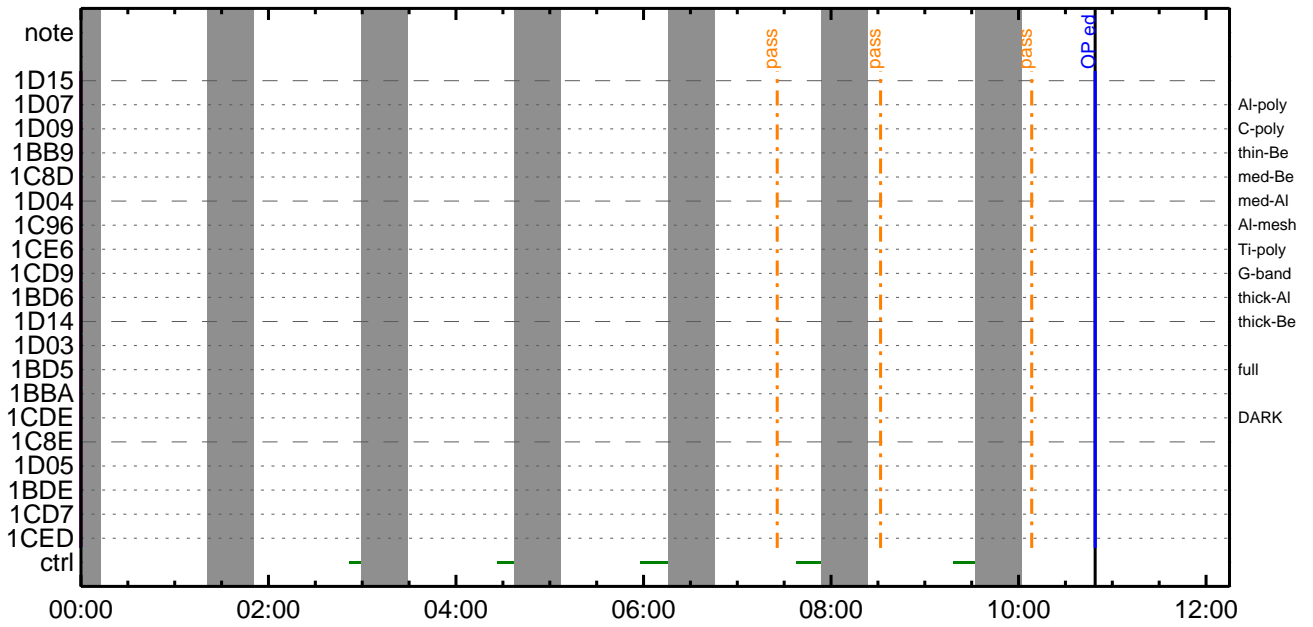
CMDI #0838 2024/05/27



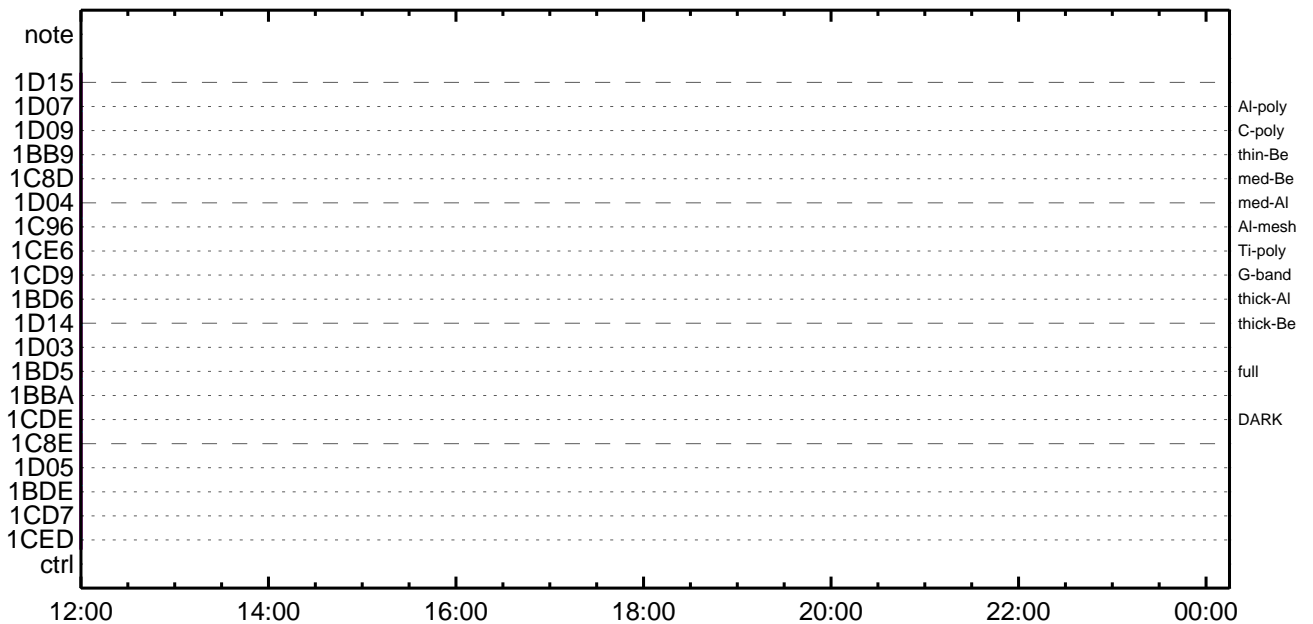
CMDI #0838 2024/05/27



CMDI #0838 2024/05/28



CMDI #0838 2024/05/28



(a) Spacecraft Operation Procedure (real-commands)

```

main-577 2024-05-23 12:43:19 194 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY`¼Á»Û;ä
0005 C.
0006 C. YÁYß;¼Y³YD¥óYÉÁ÷ç®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Ëç¼ÄH•µ°Æ>Í×ÁÇHÍYçYÁY×Yí;¼YÉ;ËËÈµ•ÍË;ËHÈ¼°ÇÔH•H¼i¹çHÍ;çÁ®,ùn¹HÈHÞHÇÁ÷ç®H•HÈHµ³HÈ;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. OP/OGYí;¼YÉ;|YÁYóY×
0016 C. *****
0017 C.
0018 . C. ;ãOP/OGYí;¼YÉ;ä
0019 . S. OP op-577:OP
0020 ()
0021 . S. OG og-577:OG
0022 ()
0023 C.
0024 . C. ;ãNMOG&OPÍî°èYÁYóY×;ä
0025 C. NMOG(0x200000-0x207FFF;$ 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. YÁYóY×½ªÍ»Hò³ÍÇS
0041 C.         çç[HK1_DMP_CHK_FLG]            EQ   NON
0042 . C. RAM ID=NMOG¼Í¼È¹ç•È²ÍOKHò³ÍÇS
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. YÁYóY×½ªÍ»Hò³ÍÇS
0060 C.         çç[HK1_DMP_CHK_FLG]            EQ   NON
0061 . C. RAM ID=NMOG¼Í¼È¹ç•È²ÍOKHò³ÍÇS
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. YÁYóY×½ªÍ»Hò³ÍÇS
0079 C.         çç[HK1_DMP_CHK_FLG]            EQ   NON
0080 . C. RAM ID=NMOG, RAM ID=OP¼Í¼È¹ç•È²ÍOKHò³ÍÇS
0081 C.
0082 . C. ***** °È²¼H¼Í¼Ä'¼Á°HÈÈ~H¼Á÷ç® (¼ãµ-YÁYóY×¼È½çHòÁÓÄHç½ªH"¼H¼i¹çHçHá) *****
0083 C. DHUYá;¼YÉ;Ë¼Y½, Yí;¼YÉ;ÈHòÍáH¹
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 UPLOAD¼Á÷ç®NGH¼Í¼¹ç;ç°È²¼H¼ÍTI-CMDÁ÷ç®¼Í¼Á¹ÔH•HÈHµ³HÈ;£
  
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0096 C.          2024-05-23 11:11:00.0
0097 C.
0098 C. TI 2024-05-23 11:11:00.0
0099 +. TI 2024-05-23 11:11:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.          [ ] [HK1_TI_CMD_NUM] EQ 1COUNTUP
0102 C.
0103 +. TI 2024-05-23 11:11:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.          [ ] [HK1_TI_CMD_NUM] EQ 1COUNTUP
0106 C.
0107 +. TI 2024-05-23 11:11:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.          [ ] [HK1_TI_CMD_NUM] EQ 1COUNTUP
0110 C.
0111 +. TI 2024-05-23 11:15:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.          [ ] [HK1_TI_CMD_NUM] EQ 1COUNTUP
0114 C.
0115 C.          *****
0116 C.          *****
0117 C.          *****
0118 C.          *****
0119 C.          *****
0120 C.
0121 C. *****
0122 C. *****
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.          [ ] [HK1_DMP_TOP_ADRS_1] EQ 07
0129 C.          [ ] [HK1_DMP_TOP_ADRS_0] EQ 2B
0130 C.          [ ] [HK1_DMP_BLOCK_NUM] EQ 3
0131 C.          [ ] [HK1_DMP_REPEAT_NUM] EQ 0
0132 C.          [ ] [HK1_DMA_DMP_PIM] EQ DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC (07 0b f8)
0135 C.          [ ] [HK1_PKT_FORM_NO] EQ 7
0136 C.          [ ] [HK1_PKT_GEN_TIME] EQ 0.25 s
0137 C.          [ ] [HK1_S_TLM_BIT_RATE] EQ 32k
0138 C.          [ ] [HK1_X_TLM_BIT_RATE] EQ 4M
0139 C.          [ ] [HK1_DMP_CHK_FLG] EQ EXEC
0140 C.
0141 C.          *****
0142 C.          *****
0143 C.
0144 C. RAM ID=TI_TBL#I#E#C#E#I#OK#D#I#S
0145 C.
0146 C. DHU#A#E#E#Y#Y#i#E#E#I#A#I
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC (02 0a f8)
0149 C.          [ ] [HK1_PKT_FORM_NO] EQ 2
0150 C.          [ ] [HK1_PKT_GEN_TIME] EQ 0.5S
0151 C.          [ ] [HK1_S_TLM_BIT_RATE] EQ 32K
0152 C.          [ ] [HK1_X_TLM_BIT_RATE] EQ 4M
0153 C.
0154 C.
0155 C. ***** XRT START *****
0156 C. Execute, after the success of OP upload.
0157 +. TI 2024-05-23 11:15:00.0
0158 DC 07-F0 MDP_XRT_MODE_STBY
0159 BC (c3)
0160 C.          [ ] [HK1_TI_CMD_NUM] EQ 1COUNTUP
0161 C.
0162 C. ***** XRT END *****
0163 C. Stop EIS observation and temporarily disable EIS mode changes
0164 C.
0165 C.
0166 C. ***** Start EIS operation (TI set) *****
0167 C. Execute, after the success of OP upload.
0168 C. Set EIS TI-commands
0169 +. TI 2024-05-23 11:15:30.0
0170 DC 07-FC EIS_MODE_MANU
0171 BC (21 02)
0172 +. TI 2024-05-23 11:15:40.0
0173 DC 07-FC EIS_MODE_CHG_DIS
0174 BC (22)
0175 C.          [ ] [HK1_TI_CMD_NUM] EQ 2 COUNTUP
0176 C. ***** End EIS operation (TI set) *****
0177 C.
0178 C.
0179 C.
0180 C. ***** MDP 'u#A#I#I#Y#E#A#D#I#E#DCBC#x#E *****
0181 C.          *****
0182 C.          *****
0183 S. DC-BC dcbc-402:DCBC
0184 (MDP_known_event)
0185 C.
0186 C. ***** Y#Y#I#I#Daily#z#I#N#E#E#D#C#C#x#E *****
0187 S. DC-BC dcbc-153:DCBC
0188 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0189 C.
0190 C.
0191 C. ;#LOS#Y#Y#Y#A#Y#A#U#;#
0192 C.
0193 C. ***** LOS *****

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(a) Spacecraft Operation Procedure (real-commands)

```
main-578 2024-05-23 12:43:19 169 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŠYÁY~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;Èµ¿µÄµ•µ°È»Í×ÁÇµÍY¿YÁY×YÍ;¼YÉ;ÈÈÈµ•ÍÍÈ;ÈÈÈ¼°ÇÖµ•µ¿¼I¹ÇµÍ;ÇÀ®, ùµ¹µÈµDµÇÁ÷¿®µ•µÈµµµ³µÈ;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÁ÷¿µ;ON
0016 C. *****
0017 C. Ç° °ÈÀ, Í×ÈYµÄLOSµDµÇµÍ»p´Öµò¹ÍÍ, µ•; ÇÉÖÍ×µÈXÁÓONµÍ¹ÖµÈµÍµÈµµµ³µÈ;£
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°-ÁÄÈµ•µ¿µé; Ç°È²¼µÍ°ÈÀ, ¼È½Çµò¼Á¹Öµ¹µé;£
0030 C.
0031 . C. *****
0032 C. DR PT1 ÁÍ¼I°ÈÀ,
0033 C. *****
0034 C. Ç° °ÈÀ, Í×ÈYµÄLOSµDµÇµÍ»p´Öµò¹ÍÍ, µ•; ÇÉÖÍ×µÈXÁÓONµÍ¹ÖµÈµÍµÈµµµ³µÈ;£
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. ;ãY¿YÓYÉYÈÁÚÁØ;ÈÁ•Á°²óÈò;È, áµÍ°ÈÀ, °È³«;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, µ¼«°È°Áá»ßµ•µ¿, á; Ç°È²¼µò¼Á¹Öµ¹µé;£
0055 C. Y¿YÓYÉYÈÁÚÁØµÄÁ•Á°²óÈòµ¼µ¼µ¼¹ÇµÍ°°Í»µ¹µÈµDµÇÁÖµÄ;£
0056 C.
0057 . C. *****
0058 C. DR PT2 ÁÍ¼I°ÈÀ,
0059 C. *****
0060 C. Ç° °ÈÀ, Í×ÈYµÄLOSµDµÇµÍ»p´Öµò¹ÍÍ, µ•; ÇÉÖÍ×µÈXÁÓONµÍ¹ÖµÈµÍµÈµµµ³µÈ;£
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. ;ãY¿YÓYÉYÈÁÚÁØ;ÈÁ•Á°²óÈò;È, áµÍ°ÈÀ, °È³«;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
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0096 C.
0097 C.
0098 . C. ***** AOCs Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ()
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE STATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCs Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCSDUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 . C.
0129 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0130 +. DC 07-FC EIS_MODE_CHG_ENA
0131 BC (20)
0132 . C. Verify EIS_MODE_CHG_FLG is ENA
0133 +. DC 07-FC EIS_MODE_MANU
0134 BC (21 02)
0135 . C. Verify EIS in MANUAL mode
0136 . C. Estimated OBSTBL upload time is 15s
0137 C. *****
0138 C. EIS START OBSTBL LOAD
0139 C. *****
0140 . S. RAM ram-820:EIS_OBSTBL
0141 ()
0142 +. DC 07-FC EIS_DUMP_OBSTBL
0143 BC (07 07 07 00 00 70 00)
0144 C.
0145 C. Execute, after the success of OBSTBL upload.
0146 C. Set EIS TI-commands
0147 +. TI 2024-05-23 11:15:50.0
0148 DC 07-FC EIS_MODE_CHG_ENA
0149 BC (20)
0150 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0151 C. *****
0152 C. EIS END OBSTBL LOAD
0153 C. *****
0154 C.
0155 . C. ***** MDP 'uAÎI»ö¼YnEÄDn¹nëDCBC•x²è *****
0156 C. (%ã°iYÓYAYEYDYEYáYcYèE¼n¼A»Ün¹nè)
0157 . S. DC-BC dcbc-402:DCBC
0158 (MDP_known_event)
0159 C.
0160 C.
0161 . C. ***** YD¥¹•I Daily±zÍÑE'Øn¹nëDCBC•x²è *****
0162 . S. DC-BC dcbc-153:DCBC
0163 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0164 C.
0165 C.
0166 . C. ;ãLOS¥Á¥S¥Á¥¹¼A»Ü;ä
0167 C.
0168 . C. ***** LOS *****
0169 C.

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(a) Spacecraft Operation Procedure (real-commands)

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main-579 2024-05-23 12:43:19 186 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÁY~¼Á»Û;ä
0005 C.
0006 C. YÀYß;¼Y³YDÿÓYÉÁ÷¿®
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×ÁÇµÍY¿YÁY×Yí;¼YÉ;ËËÈµ•ÍÍË;ËËÈ¼°ÇÖµ•µ¿¼i¹ÇµÍ; ÇÁ®, ùµ¹µÈµDµÇÁ÷¿®µ•µÈµµµ³µÈ; Æ
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÁ÷¿µ;ON
0016 C. *****
0017 C. Ç `` °ÈÀ, Í×ÈYµÄLOSµDµÇµÍ»p´Öµò¹ÍÍ, µ•; ÇÉÖÍ×µÈXÁÓONµÍ¹ÖµÈµÍµÈµµµ³µÈ; Æ
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. XYDÿÓYÉYíYÁY~¾ÔÁÖµ¬°ÄÄÈµ•µ¿µÉ; Ç°È²¼µÍ°ÈÀ, ¼È½Çµò¼Á¹Öµ¹µÈ; Æ
0030 C.
0031 . C. *****
0032 C. DR PT1 ÄÍ¼Í°ÈÀ,
0033 C. *****
0034 C. Ç `` RESTART; ÈPT1; Èµ•µ¿µµ¾i¹ÇµÍ; Ç°È²¼µÍ¼Á¹Öµµ»°; ÇDCBC-150µØ¿Èµà; Æ
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, ;¾Ú)
0043 C.             ÇÇ [HK1_REP_STA/STP]           EQ      START    (¼Á¹Ö, ;¾Ú)
0044 C.             ÇÇ [HK1_X_VC4_ON/OFF]          EQ      ON        (¼Á¹Ö, ;¾Ú)
0045 C.
0046 . C. ;ãY¿YÓYÉYÉÄÁÛ; ÈÁ•Ä°²óÈò; È, áµÍ°ÈÀ, °È³«; 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, ;¾Ú)
0050 C.             ÇÇ [HK1_REP_STA/STP]           EQ      START    (¼Á¹Ö, ;¾Ú)
0051 C.             ÇÇ [HK1_X_VC4_ON/OFF]          EQ      ON        (¼Á¹Ö, ;¾Ú)
0052 C.
0053 C.
0054 . C. PT1°ÈÀ, µ¬¼«°È°Äá»ßµ•µ¿, á; Ç°È²¼µò¼Á¹Öµ¹µÈ; Æ
0055 C. Y¿YÓYÉYÉÄÁÛ°ÄÁ•Ä°²óÈòµ¬¾áµµ¾i¹ÇµÍ´°Í´°Í»µ¹µÈµDµÇÁÖµÄ; Æ
0056 C.
0057 . C. *****
0058 C. DR PT2 ÄÍ¼Í°ÈÀ,
0059 C. *****
0060 C. Ç `` RESTART; ÈPT2; Èµ•µ¿µµ¾i¹ÇµÍ; Ç°È²¼µÍ¼Á¹Öµµ»°; ÇDCBC-151µØ¿Èµà; Æ
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, ;¾Ú)
0069 C.             ÇÇ [HK1_REP_STA/STP]           EQ      START    (¼Á¹Ö, ;¾Ú)
0070 C.             ÇÇ [HK1_X_VC4_ON/OFF]          EQ      ON        (¼Á¹Ö, ;¾Ú)
0071 C.
0072 . C. ;ãY¿YÓYÉYÉÄÁÛ; ÈÁ•Ä°²óÈò; È, áµÍ°ÈÀ, °È³«; 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, ;¾Ú)
0076 C.             ÇÇ [HK1_REP_STA/STP]           EQ      START    (¼Á¹Ö, ;¾Ú)
0077 C.             ÇÇ [HK1_X_VC4_ON/OFF]          EQ      ON        (¼Á¹Ö, ;¾Ú)
0078 C.
0079 . C. *****
0080 C. DR°ÈÄ, Äá»ß; ÇXÁ÷¿µ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°ÈÄ, Äá»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

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```
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_MODE_STBY
0104 BC (c3)
0105 . C. ----- Success Verify ? OK / NG ____
0106 C.
0107 C. XRT Obs. Table Upload
0108 . S. RAM ram-291:MDP_OBS_X
0109 ()
0110 C.
0111 +. DC 07-F0 MDP_DUMP_XRTTBL
0112 BC (84 07 00 00 00 3a d4)
0113 . C. ----- Comparison Check ? OK / ERR ____
0114 C.
0115 C.
0116 +. DC 07-F0 MDP_XRT_ROI_SET
0117 BC (cd 01 b1 b1 04 04)
0118 + DC 07-F0 MDP_XRT_ROI_SET
0119 BC (cd 02 b1 b1 08 08)
0120 + DC 07-F0 MDP_XRT_ROI_SET
0121 BC (cd 03 b1 b1 08 08)
0122 + DC 07-F0 MDP_XRT_ROI_SET
0123 BC (cd 04 b1 b1 06 06)
0124 + DC 07-F0 MDP_XRT_ROI_SET
0125 BC (cd 05 85 83 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 80 80 06 06)
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 0c 80 96 06 06)
0140 + DC 07-F0 MDP_XRT_ROI_SET
0141 BC (cd 0f 80 80 06 06)
0142 + DC 07-F0 MDP_XRT_ROI_SET
0143 BC (cd 10 80 80 08 08)
0144 + DC 07-F0 MDP_XRT_FLD_ENA
0145 BC (d8)
0146 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0147 BC (c8)
0148 + DC 07-F0 MDP_XRT_ARS_DIS
0149 BC (d5)
0150 + DC 07-F0 MDP_XRT_AEC_RESET
0151 BC (d0)
0152 + DC 07-F0 MDP_XRT_FLD_RESET
0153 BC (da)
0154 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0155 BC (c4 02)
0156 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0157 BC (c5 0e)
0158 . C. ----- Success Verify ? OK / NG ____
0159 C.
0160 C.
0161 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0162 C.
0163 +. DC 07-F0 MDP_XRT_MODE_OBSV
0164 BC (c2)
0165 +. TI 2024-05-23 11:15:02.0
0166 DC 07-F0 MDP_XRT_MODE_OBSV
0167 BC (c2)
0168 . C. ----- Success Verify ? OK / NG ____
0169 C.
0170 C. ***** XRT END *****
0171 C.
0172 . C. ***** MDP `uAÎnÎ»ô¼Y#EÂÐn¹#èDCBC•x²è *****
0173 C. (¾â°i¥ÓYÄYÈYÐYÈYâ¥ç¥è#E¼¼n¼¼Â»Ûn¹#è)
0174 . S. DC-BC dcbc-402:DCBC
0175 (MDP_known_event)
0176 C.
0177 C.
0178 . C. ***** ¥Ð¥¹•Ï Daily±;jÎÑ#È'Øn¹#èDCBC•x²è *****
0179 . S. DC-BC dcbc-153:DCBC
0180 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0181 C.
0182 C.
0183 . C. ;ãLOS¥Á¥$¥Ä¥¹¼Â»Û;ã
0184 C.
0185 . C. ***** LOS *****
0186 C.
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*** OP Sequence for XRT ***

| | | | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2024/05/23 | 11:25:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/23 | 11:25:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/23 | 11:25:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2024/05/23 | 11:26:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 05 b2 01 ca | | | | |
| 2024/05/23 | 11:26:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2024/05/23 | 11:26:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2024/05/23 | 11:26:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2024/05/23 | 11:26:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2024/05/23 | 11:26:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2024/05/23 | 11:27:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/23 | 11:27:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/23 | 11:27:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2024/05/23 | 11:27:06.0 | XRT_PREFLR_STRT_403_OG [0x193] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2024/05/23 | 11:28:56.0 | XRT_OT_PROG_SET_421_OG [0x1a5] | | | | | | | |
| | | MDP_XRT_OT_PROG_SET | 2 | 07-F0 | c4 07 | | | | |
| 2024/05/23 | 11:28:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0e | | | | |
| 2024/05/23 | 11:30:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2024/05/23 | 11:35:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2024/05/23 | 11:36:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2024/05/23 | 11:38:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/23 | 11:38:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/23 | 11:38:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2024/05/23 | 11:38:06.0 | XRT_PREFLR_STRT_403_OG [0x193] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2024/05/23 | 11:41:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2024/05/23 | 12:07:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2024/05/23 | 12:08:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2024/05/23 | 13:16:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/23 | 13:16:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/23 | 13:16:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2024/05/23 | 13:16:36.0 | XRT_PREFLR_STRT_403_OG [0x193] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2024/05/23 | 13:19:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2024/05/23 | 13:45:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2024/05/23 | 13:46:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2024/05/23 | 14:54:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/23 | 14:54:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/23 | 14:54:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2024/05/23 | 14:54:36.0 | XRT_PREFLR_STRT_403_OG [0x193] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2024/05/23 | 14:57:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2024/05/23 | 15:24:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2024/05/23 | 15:25:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2024/05/23 | 16:33:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/23 | 16:33:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/23 | 16:33:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2024/05/23 | 16:33:06.0 | XRT_PREFLR_STRT_403_OG [0x193] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2024/05/23 | 16:36:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2024/05/23 | 17:11:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2024/05/23 | 17:12:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2024/05/23 | 17:54:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/23 | 17:54:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----|----|----|----|
| 2024/05/23 | 17:54:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 |
| 2024/05/23 | 17:55:00.0 | AOCs_OrE-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 |
| 2024/05/23 | 17:55:18.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | |
| 2024/05/23 | 17:55:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | |
| 2024/05/23 | 17:55:22.0 | XRT_ARS_DIS_435_OG [0x1b3] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2024/05/23 | 17:57:58.0 | XRT_QT_PROG_SET_422_OG [0x1a6] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 01 | | |
| 2024/05/23 | 17:58:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2024/05/23 | 18:08:00.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2024/05/23 | 18:08:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2024/05/23 | 18:08:04.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 |
| 2024/05/23 | 18:08:24.0 | XRT_FLD_DIS_442_OG [0x1ba] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | |
| 2024/05/23 | 18:10:24.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | |
| 2024/05/23 | 18:10:26.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2024/05/23 | 18:10:28.0 | XRT_QT_PROG_SET_416_OG [0x1a0] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0a | | |
| 2024/05/23 | 18:10:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2024/05/23 | 18:19:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2024/05/23 | 18:19:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2024/05/23 | 18:19:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 |
| 2024/05/23 | 18:20:00.0 | AOCs_OrE-point_Start_1_OG [0x097] | AOCU_NM | 5 | 02-76 | 02 | 05 | b2 | 01 |
| 2024/05/23 | 18:20:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2024/05/23 | 18:20:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2024/05/23 | 18:20:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2024/05/23 | 18:20:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2024/05/23 | 18:20:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2024/05/23 | 18:22:56.0 | XRT_QT_PROG_SET_421_OG [0x1a5] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 07 | | |
| 2024/05/23 | 18:22:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0e | | |
| 2024/05/23 | 18:47:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2024/05/23 | 18:48:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2024/05/23 | 19:49:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2024/05/23 | 19:49:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2024/05/23 | 19:49:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2024/05/23 | 19:49:36.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2024/05/23 | 19:52:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2024/05/23 | 20:24:01.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2024/05/23 | 20:25:01.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2024/05/23 | 21:27:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2024/05/23 | 21:27:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2024/05/23 | 21:27:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2024/05/23 | 21:27:36.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2024/05/23 | 21:30:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2024/05/23 | 22:01:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2024/05/23 | 22:02:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2024/05/23 | 23:06:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2024/05/23 | 23:06:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2024/05/23 | 23:06:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2024/05/23 | 23:06:06.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2024/05/23 | 23:09:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2024/05/23 | 23:37:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2024/05/23 | 23:38:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|--|--|--|
| 2024/05/24 | 00:44:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/24 | 00:44:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/24 | 00:44:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2024/05/24 | 00:44:06.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2024/05/24 | 00:47:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2024/05/24 | 01:13:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2024/05/24 | 01:14:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2024/05/24 | 02:17:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/24 | 02:17:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/24 | 02:17:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2024/05/24 | 02:17:36.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2024/05/24 | 02:20:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2024/05/24 | 02:51:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2024/05/24 | 02:52:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2024/05/24 | 03:50:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/24 | 03:50:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/24 | 03:50:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2024/05/24 | 03:50:36.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2024/05/24 | 03:53:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2024/05/24 | 03:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/24 | 03:59:56.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2024/05/24 | 04:00:00.0 | AOCs_Orе-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2024/05/24 | 04:00:16.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2024/05/24 | 04:00:18.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2024/05/24 | 04:00:20.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2024/05/24 | 04:00:22.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2024/05/24 | 04:00:24.0 | XRT_FLD_RESET_438_OG [0x1b6] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2024/05/24 | 04:02:56.0 | XRT_QT_PROG_SET_444_OG [0x1bc] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 | | | | |
| 2024/05/24 | 04:02:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0e | | | | |
| 2024/05/24 | 04:30:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2024/05/24 | 04:31:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2024/05/24 | 05:20:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/24 | 05:20:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/24 | 05:20:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2024/05/24 | 05:20:06.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2024/05/24 | 05:23:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2024/05/24 | 06:08:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2024/05/24 | 06:09:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2024/05/24 | 06:13:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/24 | 06:13:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/24 | 06:13:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2024/05/24 | 06:13:48.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2024/05/24 | 06:13:50.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2024/05/24 | 06:13:52.0 | XRT_ARS_DIS_435_OG [0x1b3] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2024/05/24 | 06:16:28.0 | XRT_QT_PROG_SET_401_OG [0x191] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 13 | | | | |
| 2024/05/24 | 06:16:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2024/05/24 | 06:23:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/24 | 06:23:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |

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|------------|------------|---------------------------------------------------------|---|-------|----|----|----|-------|
| 2024/05/24 | 06:23:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 |
| 2024/05/24 | 06:23:30.0 | AOCs_OrE-point_Start_1_OG [0x097] AOCU_NM | 5 | 02-76 | 02 | 05 | b2 | 01 ca |
| 2024/05/24 | 06:23:48.0 | XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA | 1 | 07-F0 | | | | d8 |
| 2024/05/24 | 06:23:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | | | | c8 |
| 2024/05/24 | 06:23:52.0 | XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET | 1 | 07-F0 | | | | d0 |
| 2024/05/24 | 06:23:54.0 | XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS | 1 | 07-F0 | | | | d5 |
| 2024/05/24 | 06:23:56.0 | XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET | 1 | 07-F0 | | | | da |
| 2024/05/24 | 06:26:26.0 | XRT_QT_PROG_SET_404_OG [0x194] MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | | | 11 |
| 2024/05/24 | 06:26:28.0 | XRT_FL_PROG_SET_439_OG [0x1b7] MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | | | 0e |
| 2024/05/24 | 06:26:30.0 | XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | | | c0 |
| 2024/05/24 | 07:00:00.0 | XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | c1 |
| 2024/05/24 | 07:00:02.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | c1 |
| 2024/05/24 | 07:00:04.0 | XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET | 1 | 07-F0 | | | | da |
| 2024/05/24 | 07:00:06.0 | XRT_PREFLR_STRT_403_OG [0x193] MDP_XRT_PREFLR_STRT | 1 | 07-F0 | | | | e8 |
| 2024/05/24 | 07:03:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP | 1 | 07-F0 | | | | e9 |
| 2024/05/24 | 07:46:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2024/05/24 | 07:47:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | | | c0 |
| 2024/05/24 | 08:40:30.0 | XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | c1 |
| 2024/05/24 | 08:40:32.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | c1 |
| 2024/05/24 | 08:40:34.0 | XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET | 1 | 07-F0 | | | | da |
| 2024/05/24 | 08:40:36.0 | XRT_PREFLR_STRT_403_OG [0x193] MDP_XRT_PREFLR_STRT | 1 | 07-F0 | | | | e8 |
| 2024/05/24 | 08:43:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP | 1 | 07-F0 | | | | e9 |
| 2024/05/24 | 09:24:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2024/05/24 | 09:25:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | | | c0 |
| 2024/05/24 | 10:20:00.0 | XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | c1 |
| 2024/05/24 | 10:20:02.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | c1 |
| 2024/05/24 | 10:20:04.0 | XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET | 1 | 07-F0 | | | | da |
| 2024/05/24 | 10:20:06.0 | XRT_PREFLR_STRT_403_OG [0x193] MDP_XRT_PREFLR_STRT | 1 | 07-F0 | | | | e8 |
| 2024/05/24 | 10:23:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP | 1 | 07-F0 | | | | e9 |
| 2024/05/24 | 11:03:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2024/05/24 | 11:04:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | | | c0 |
| 2024/05/24 | 12:12:00.0 | XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | c1 |
| 2024/05/24 | 12:12:02.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | c1 |
| 2024/05/24 | 12:12:04.0 | XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET | 1 | 07-F0 | | | | da |
| 2024/05/24 | 12:12:06.0 | XRT_PREFLR_STRT_403_OG [0x193] MDP_XRT_PREFLR_STRT | 1 | 07-F0 | | | | e8 |
| 2024/05/24 | 12:15:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP | 1 | 07-F0 | | | | e9 |
| 2024/05/24 | 12:41:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2024/05/24 | 12:42:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | | | c0 |
| 2024/05/24 | 13:50:00.0 | XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | c1 |
| 2024/05/24 | 13:50:02.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | c1 |
| 2024/05/24 | 13:50:04.0 | XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET | 1 | 07-F0 | | | | da |
| 2024/05/24 | 13:50:06.0 | XRT_PREFLR_STRT_403_OG [0x193] MDP_XRT_PREFLR_STRT | 1 | 07-F0 | | | | e8 |
| 2024/05/24 | 13:53:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP | 1 | 07-F0 | | | | e9 |
| 2024/05/24 | 14:19:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2024/05/24 | 14:20:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | | | c0 |
| 2024/05/24 | 15:28:30.0 | XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | c1 |
| 2024/05/24 | 15:28:32.0 | XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | | c1 |
| 2024/05/24 | 15:28:34.0 | XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET | 1 | 07-F0 | | | | da |
| 2024/05/24 | 15:28:36.0 | XRT_PREFLR_STRT_403_OG [0x193] MDP_XRT_PREFLR_STRT | 1 | 07-F0 | | | | e8 |

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|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2024/05/24 | 15:31:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2024/05/24 | 15:57:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2024/05/24 | 15:58:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2024/05/24 | 17:06:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/24 | 17:06:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/24 | 17:06:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2024/05/24 | 17:06:36.0 | XRT_PREFLR_STRT_403_OG [0x193] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2024/05/24 | 17:09:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2024/05/24 | 17:44:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2024/05/24 | 17:45:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2024/05/24 | 18:29:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/24 | 18:29:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/24 | 18:29:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2024/05/24 | 18:30:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2024/05/24 | 18:30:18.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2024/05/24 | 18:30:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2024/05/24 | 18:30:22.0 | XRT_ARS_DIS_435_OG [0x1b3] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2024/05/24 | 18:32:58.0 | XRT_QT_PROG_SET_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 01 | | | | |
| 2024/05/24 | 18:33:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2024/05/24 | 18:42:00.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/24 | 18:42:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/24 | 18:42:04.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2024/05/24 | 18:42:24.0 | XRT_FLD_DIS_442_OG [0x1ba] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2024/05/24 | 18:44:24.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2024/05/24 | 18:44:26.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2024/05/24 | 18:44:28.0 | XRT_QT_PROG_SET_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 14 | | | | |
| 2024/05/24 | 18:44:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2024/05/24 | 18:52:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/24 | 18:52:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/24 | 18:52:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2024/05/24 | 18:53:00.5 | AOCS_ORe-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 05 b2 01 ca | | | | |
| 2024/05/24 | 18:53:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2024/05/24 | 18:53:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2024/05/24 | 18:53:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2024/05/24 | 18:53:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2024/05/24 | 18:53:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2024/05/24 | 18:55:56.0 | XRT_QT_PROG_SET_404_OG [0x194] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 11 | | | | |
| 2024/05/24 | 18:55:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0e | | | | |
| 2024/05/24 | 19:21:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2024/05/24 | 19:22:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2024/05/24 | 20:23:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/24 | 20:23:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/24 | 20:23:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2024/05/24 | 20:23:06.0 | XRT_PREFLR_STRT_403_OG [0x193] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2024/05/24 | 20:26:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2024/05/24 | 20:57:31.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2024/05/24 | 20:58:31.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2024/05/24 | 22:01:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2024/05/24 | 22:01:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |

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| 2024/05/24 | 22:01:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2024/05/24 | 22:01:36.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2024/05/24 | 22:04:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2024/05/24 | 22:34:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2024/05/24 | 22:35:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2024/05/24 | 23:39:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/05/24 | 23:39:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/05/24 | 23:39:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2024/05/24 | 23:39:36.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2024/05/24 | 23:42:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2024/05/24 | 23:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/05/24 | 23:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/05/24 | 23:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | |
| 2024/05/25 | 00:00:00.0 | AOCs_Or-e-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 03 05 b2 01 ca | | |
| 2024/05/25 | 00:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2024/05/25 | 00:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2024/05/25 | 00:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2024/05/25 | 00:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2024/05/25 | 00:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2024/05/25 | 00:02:56.0 | XRT_QT_PROG_SET_417_OG [0x1a1] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 06 | | |
| 2024/05/25 | 00:02:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0e | | |
| 2024/05/25 | 00:09:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2024/05/25 | 00:10:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2024/05/25 | 01:18:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/05/25 | 01:18:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/05/25 | 01:18:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2024/05/25 | 01:18:06.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2024/05/25 | 01:21:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2024/05/25 | 01:47:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2024/05/25 | 01:48:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2024/05/25 | 02:49:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/05/25 | 02:49:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/05/25 | 02:49:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2024/05/25 | 02:49:06.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2024/05/25 | 02:52:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2024/05/25 | 03:25:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2024/05/25 | 03:26:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2024/05/25 | 03:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/05/25 | 03:59:56.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | |
| 2024/05/25 | 04:00:00.0 | AOCs_Or-e-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | |
| 2024/05/25 | 04:00:16.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2024/05/25 | 04:00:18.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2024/05/25 | 04:00:20.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2024/05/25 | 04:00:22.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2024/05/25 | 04:00:24.0 | XRT_FLD_RESET_438_OG [0x1b6] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2024/05/25 | 04:02:56.0 | XRT_QT_PROG_SET_444_OG [0x1bc] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 | | |
| 2024/05/25 | 04:02:58.0 | XRT_FL_PROG_SET_439_OG [0x1b7] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0e | | |
| 2024/05/25 | 04:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |

| | | | | | | | | |
|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|--|
| 2024/05/25 | 04:24:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/05/25 | 04:24:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/05/25 | 04:24:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2024/05/25 | 04:24:36.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2024/05/25 | 04:27:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2024/05/25 | 05:04:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2024/05/25 | 05:05:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2024/05/25 | 05:28:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/05/25 | 05:28:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/05/25 | 05:28:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | |
| 2024/05/25 | 05:28:48.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | |
| 2024/05/25 | 05:28:50.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | |
| 2024/05/25 | 05:28:52.0 | XRT_ARS_DIS_435_OG [0x1b3] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2024/05/25 | 05:31:28.0 | XRT_OT_PROG_SET_422_OG [0x1a6] | MDP_XRT_OT_PROG_SET | 2 | 07-F0 | c4 01 | | |
| 2024/05/25 | 05:31:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2024/05/25 | 05:38:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/05/25 | 05:38:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/05/25 | 05:38:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | |
| 2024/05/25 | 05:38:30.0 | AOCS_Ore-point_Start_1_OG [0x097] | AOCU_NM | 5 | 02-76 | 02 05 b2 01 ca | | |
| 2024/05/25 | 05:38:48.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2024/05/25 | 05:38:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2024/05/25 | 05:38:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2024/05/25 | 05:38:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2024/05/25 | 05:38:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2024/05/25 | 05:41:26.0 | XRT_OT_PROG_SET_404_OG [0x194] | MDP_XRT_OT_PROG_SET | 2 | 07-F0 | c4 11 | | |
| 2024/05/25 | 05:41:28.0 | XRT_FL_PROG_SET_439_OG [0x1b7] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0e | | |
| 2024/05/25 | 05:41:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2024/05/25 | 05:54:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/05/25 | 05:54:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/05/25 | 05:54:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2024/05/25 | 05:54:36.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2024/05/25 | 05:57:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2024/05/25 | 06:42:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2024/05/25 | 06:43:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2024/05/25 | 07:34:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/05/25 | 07:34:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/05/25 | 07:34:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2024/05/25 | 07:34:36.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2024/05/25 | 07:37:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2024/05/25 | 08:20:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2024/05/25 | 08:21:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2024/05/25 | 09:14:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/05/25 | 09:14:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2024/05/25 | 09:14:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2024/05/25 | 09:14:36.0 | XRT_PREFLR_STRT_403_OG [0x193] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2024/05/25 | 09:17:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2024/05/25 | 11:07:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | |