

XRT Timeline to be uploaded on 2018/10/18

Period: 2018/10/18 11:19:00 - 2018/10/23 10:59:00

* * * * *

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 |
|---------------------------------|---|-----------------------------|
| 10/18 11:32:00 - 10/18 14:45:00 | Track (-33.6, -300.1) @ 10/18 11:29:00 | # OP start + 10min AR 12725 |
| 10/18 16:42:30 - 10/18 17:54:30 | Track (12.0, -299.9) @ 10/18 16:30:00 | # AR 12725 |
| 10/18 18:31:00 - 10/18 21:08:30 | Track (29.9, -299.8) @ 10/18 18:28:00 | # AR 12725 |
| 10/18 23:38:00 - 10/19 01:44:54 | Track (76.3, -299.3) @ 10/18 23:35:00 | # AR 12725 |
| 10/19 06:15:30 - 10/19 13:59:54 | Track (136.1, -298.3) @ 10/19 06:12:30 | # AR 12725 |
| 10/19 16:03:00 - 10/19 17:59:54 | Track (223.5, -296.1) @ 10/19 16:00:00 | # AR 12725 |
| 10/19 18:13:00 - 10/19 20:06:00 | Track (242.6, -295.5) @ 10/19 18:10:00 | # AR 12725 |
| 10/19 22:33:00 - 10/20 01:18:54 | Track (280.4, -294.2) @ 10/19 22:30:00 | # AR 12725 |
| 10/20 06:17:30 - 10/20 10:28:00 | Track (346.8, -291.6) @ 10/20 06:14:30 | # AR 12725 |

PROG= 09 Inf.-time(s)

| Subr= | 1-time(s) | 2.0sec | | | | | | | | | | |
|----------------|----------------|----------|------|-------|-------|-----|-----|----------------------|-------|------------|----------|--------|
| 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= 75 | 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 #1BD6: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 900s cad (G-band/Leak first)

| Term | Pointing (x, y) | Comment |
|---------------------------------|--|-----------------|
| 10/18 14:58:00 - 10/18 16:18:00 | Track (237.5, 576.0) @ 10/18 14:55:00 | # HOP 364 (1/3) |
| 10/18 21:38:00 - 10/18 23:34:54 | Track (276.6, 577.8) @ 10/18 21:35:00 | # HOP 364 (2/3) |
| 10/19 03:48:00 - 10/19 06:02:24 | Track (312.0, 579.6) @ 10/19 03:45:00 | # HOP 364 (3/3) |

PROG= 01 Inf.-time(s)

| Subr= | 1-time(s) | 2.0sec | | | | | | | | | | |
|----------------|----------------|----------|------|-------|-------|-----|-----|------------------------|-------|------------|----------|--------|
| 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 |
| Subr= 2 | 8-time(s) | 900.0sec | | | | | | | | | | |
| Seqn= 8 | 1-time(s) | 2.0sec | | | | | | | | | | |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 4x4 | 2048x2048 (1024, 1024) | Q=98 | 3 | 0 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.41s | Obs | 4x4 | 2048x2048 (1024, 1024) | DPCM | 2 | 0 | 2.0sec |
| Seqn= 6 | 1-time(s) | 2.0sec | | | | | | | | | | |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 125ms | Obs | 4x4 | 2048x2048 (1024, 1024) | Q=98 | 3 | 0 | 2.0sec |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 1.00s | Obs | 4x4 | 2048x2048 (1024, 1024) | DPCM | 2 | 0 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

XOB #1C0C: Synoptic Q95 2x2 - Al/mesh(512/2048/4096) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(512/4096/8192)

| Term | Pointing (x, y) | Comment |
|---------------------------------|-------------------|----------------------------|
| 10/18 18:21:00 - 10/18 18:27:54 | Fixed (0.0, 0.0) | synoptic, shifted 18.0 min |
| 10/19 18:03:00 - 10/19 18:09:54 | Fixed (0.0, 0.0) | synoptic |

PROG= 20 1-time(s)

| Subr= | 1-time(s) | 2.0sec | | | | | | | | | | |
|--------------|------------------|--------|------|------|-------|-----|-----|------------------------|------|---|---|--------|
| 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= 12 | 1-time(s) | 2.0sec | | | | | | | | | | |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 500ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 2.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 4.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 82 | 1-time(s) | 2.0sec | | | | | | | | | | |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 500ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Al-poly/Open | Al-poly/thick-Al | close | Safe | Norm | 4.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 8.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 52 | 1-time(s) | 2.0sec | | | | | | | | | | |

| | | | | | | | | | | | | |
|----------------------------------|----------------|-------|------|-------|-------|-----|-----|------------------------|-------|------------|----------|--------|
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 2.83s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 16.0s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 32.0s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 23 1-time(s) 2.0sec | | | | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 2048x2048 (1024, 1024) | Q=90 | 0 | 0 | 2.0sec |
| Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

XOB #1C00: HOP349 - 3-filter Synoptics (Al-mesh[512/2048/4096], Al-poly[512/4096/8192], thin-Be[3897/16384/32768] with 512x512 G-band+Leak - 90 min cad

| Term | Pointing (x, y) | Comment |
|---------------------------------|-------------------|-----------|
| 10/19 01:48:00 - 10/19 03:44:54 | Fixed (0.0, 0.0) | # HOP 349 |
| 10/20 01:22:00 - 10/20 03:55:30 | Fixed (0.0, 0.0) | # HOP 349 |

PROG= 04 Inf.-time(s)

| | | | | | | | | | | | | |
|------------------------------------|------------------|-------|------|-------|-------|-----|-----|------------------------|-------|------------|----------|--------|
| Subr= 1 1-time(s) 300.0sec | | | | | | | | | | | | |
| Seqn= 12 1-time(s) 2.0sec | | | | | | | | | | | | |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 500ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 2.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 4.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 82 1-time(s) 2.0sec | | | | | | | | | | | | |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 500ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Al-poly/Open | Al-poly/thick-Al | close | Safe | Norm | 4.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 8.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 52 1-time(s) 2.0sec | | | | | | | | | | | | |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 2.83s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 16.0s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 32.0s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 30 1-time(s) 2.0sec | | | | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 512x512 (1024, 1024) | Q=90 | 0 | 0 | 2.0sec |
| Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 512x512 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Subr= 2 18-time(s) 300.0sec | | | | | | | | | | | | |
| Seqn= 8 1-time(s) 2.0sec | | | | | | | | | | | | |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 4x4 | 2048x2048 (1024, 1024) | Q=98 | 3 | 0 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.41s | Obs | 4x4 | 2048x2048 (1024, 1024) | DPCM | 2 | 0 | 2.0sec |
| Seqn= 6 1-time(s) 2.0sec | | | | | | | | | | | | |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 125ms | Obs | 4x4 | 2048x2048 (1024, 1024) | Q=98 | 3 | 0 | 2.0sec |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 1.00s | Obs | 4x4 | 2048x2048 (1024, 1024) | DPCM | 2 | 0 | 2.0sec |
| Seqn= 29 1-time(s) 2.0sec | | | | | | | | | | | | |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 125ms | Obs | 4x4 | 2048x2048 (1024, 1024) | Q=98 | 3 | 0 | 2.0sec |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 250ms | Obs | 4x4 | 2048x2048 (1024, 1024) | Q=98 | 2 | 0 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

XOB #1BD9: Synoptic Q95 2x2 - Al/mesh(64/512/2897) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(45/512/4096) + T

| Term | Pointing (x, y) | Comment |
|---------------------------------|-------------------|---------------------------|
| 10/19 06:05:30 - 10/19 06:12:24 | Fixed (0.0, 0.0) | synoptic, shifted 2.5 min |
| 10/20 06:07:30 - 10/20 06:14:24 | Fixed (0.0, 0.0) | synoptic, shifted 4.5 min |

PROG= 06 1-time(s)

| | | | | | | | | | | | | |
|----------------------------------|------------------|-------|------|-------|-------|-----|-----|------------------------|-------|------------|----------|--------|
| Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | |
| Seqn= 5 1-time(s) 2.0sec | | | | | | | | | | | | |
| Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 4x4 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 8x8 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 1x1 | 2048x512 (1024, 1024) | DPCM | 0 | 0 | 2.0sec |
| Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 1x1 | 512x2048 (1024, 1024) | DPCM | 0 | 0 | 2.0sec |
| Seqn= 36 1-time(s) 2.0sec | | | | | | | | | | | | |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 63ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 500ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 2.83s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 99 1-time(s) 2.0sec | | | | | | | | | | | | |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 44ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 500ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Al-poly/Open | Al-poly/thick-Al | close | Safe | Norm | 4.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 33 1-time(s) 2.0sec | | | | | | | | | | | | |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 1.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 11.3s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 22.6s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 23 1-time(s) 2.0sec | | | | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 2048x2048 (1024, 1024) | Q=90 | 0 | 0 | 2.0sec |
| Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

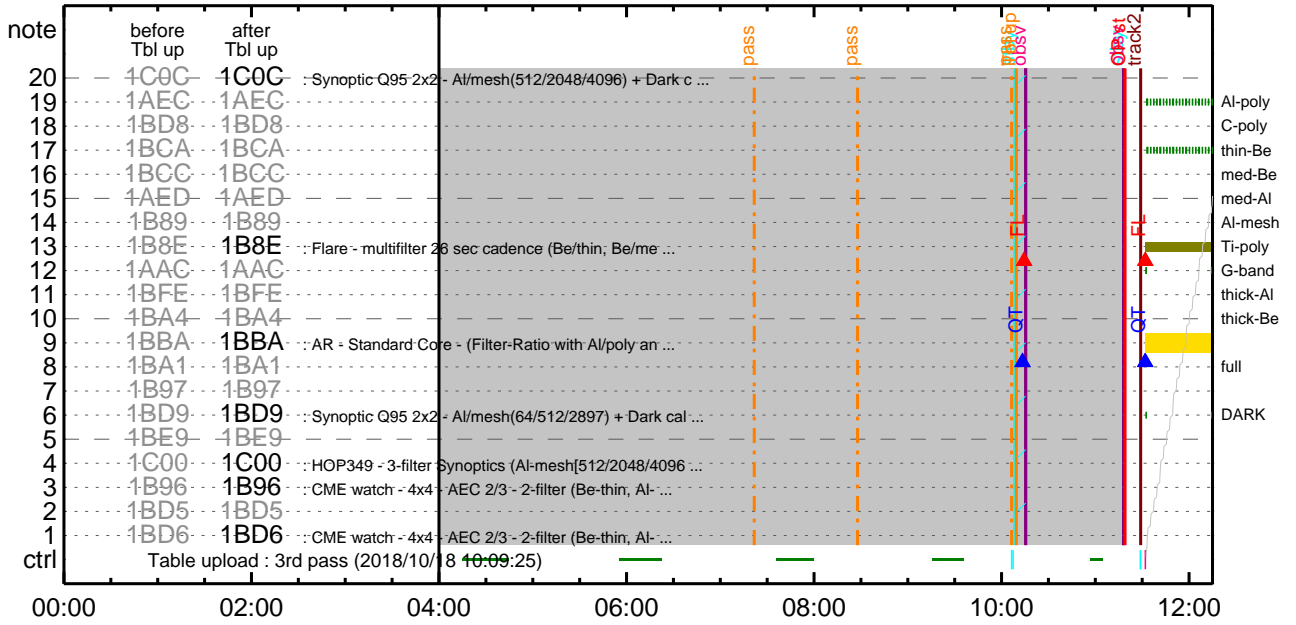
XOB #1B96: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 360s cad (G-band/Leak first)

| Term | Pointing (x, y) | Comment |
|---------------------------------|--|-----------------|
| 10/19 14:03:00 - 10/19 15:59:54 | Track (368.7, 582.9) @ 10/19 14:00:00 | # HOP 364 (1/3) |
| 10/19 20:34:00 - 10/19 22:29:54 | Track (403.2, 585.3) @ 10/19 20:31:00 | # HOP 364 (2/3) |
| 10/20 04:22:00 - 10/20 06:04:24 | Track (442.8, 588.3) @ 10/20 04:19:00 | # HOP 364 (3/3) |

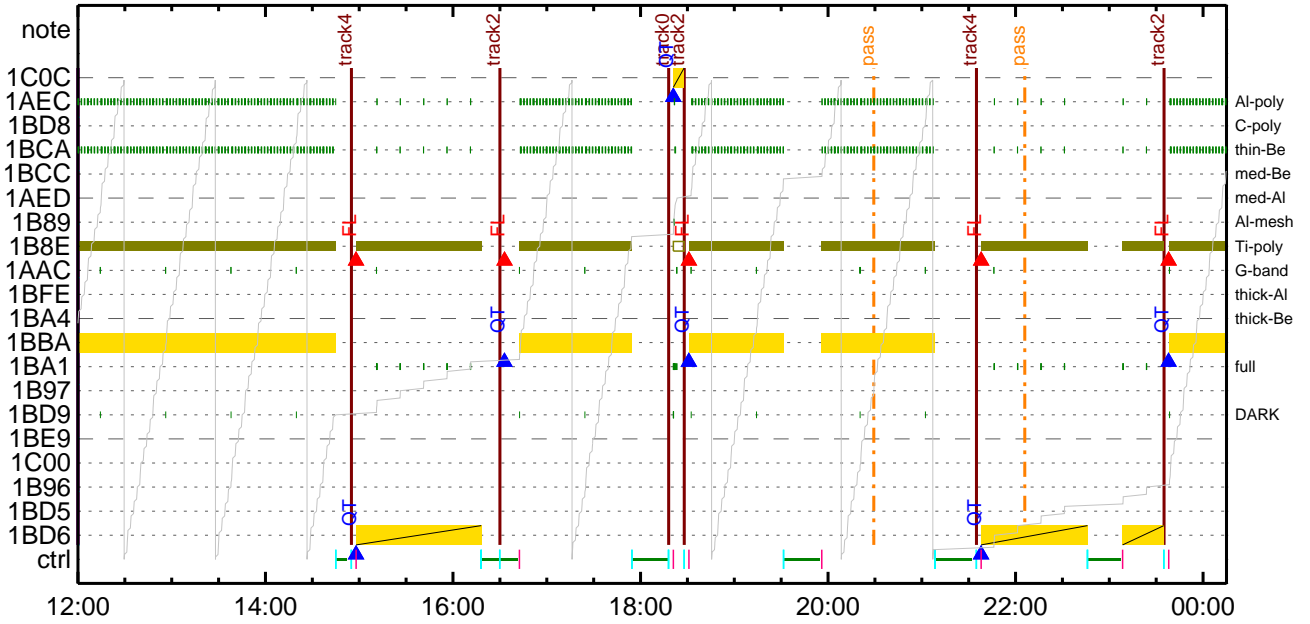
PROG= 03 Inf.-time(s)

| | | | | | | | | | | | | |
|---------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | |
|---------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|

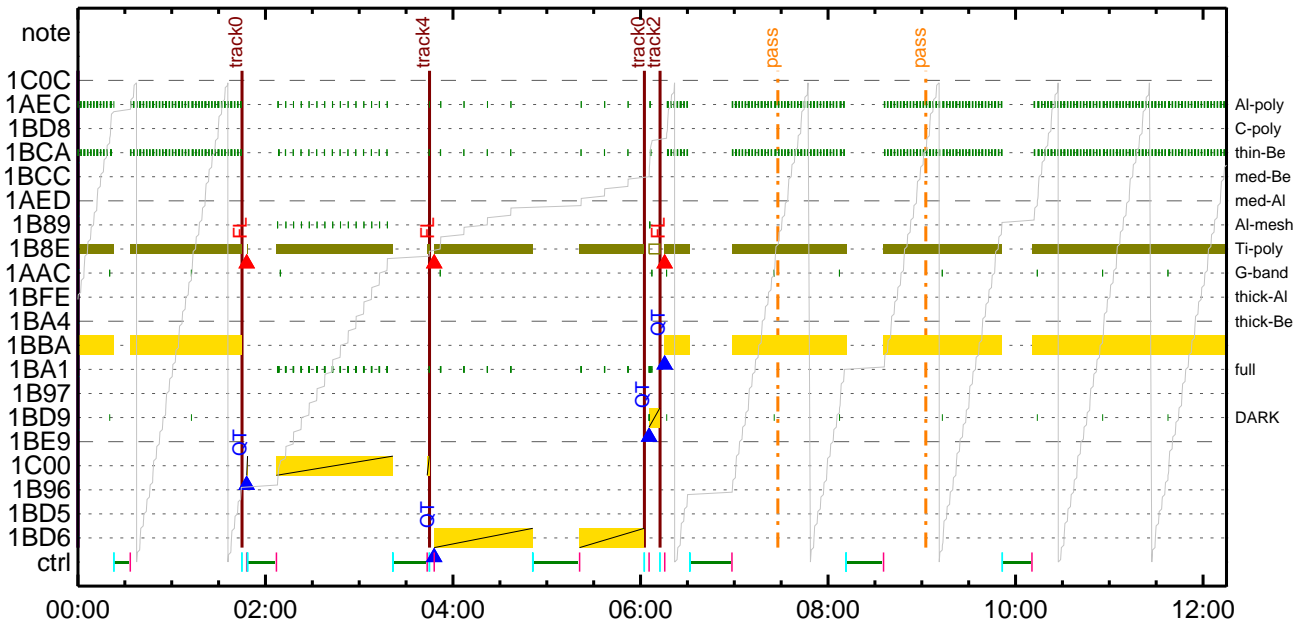
CMDI #0839 2018/10/18



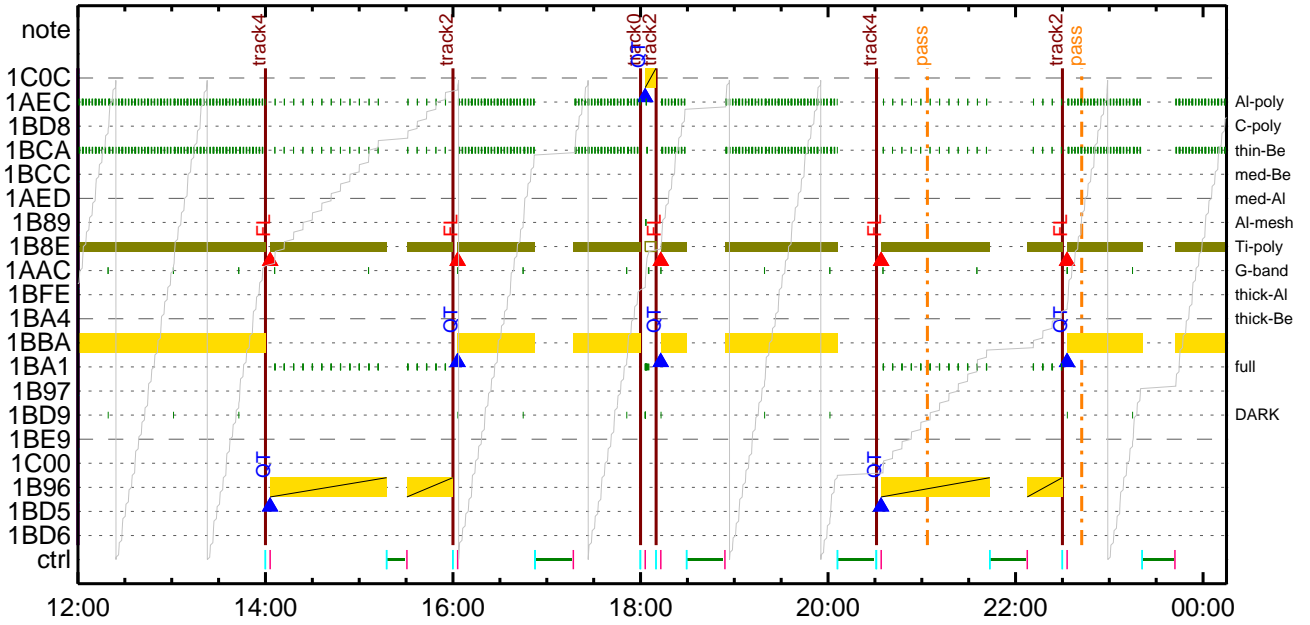
CMDI #0839 2018/10/18



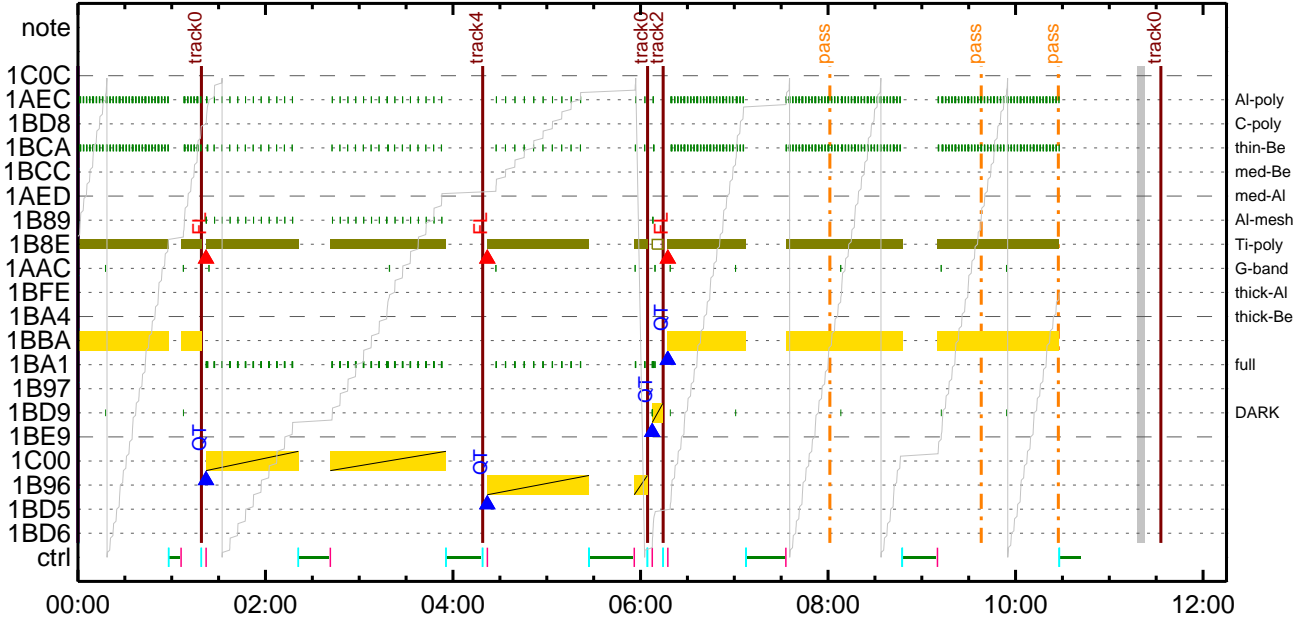
CMDI #0839 2018/10/19



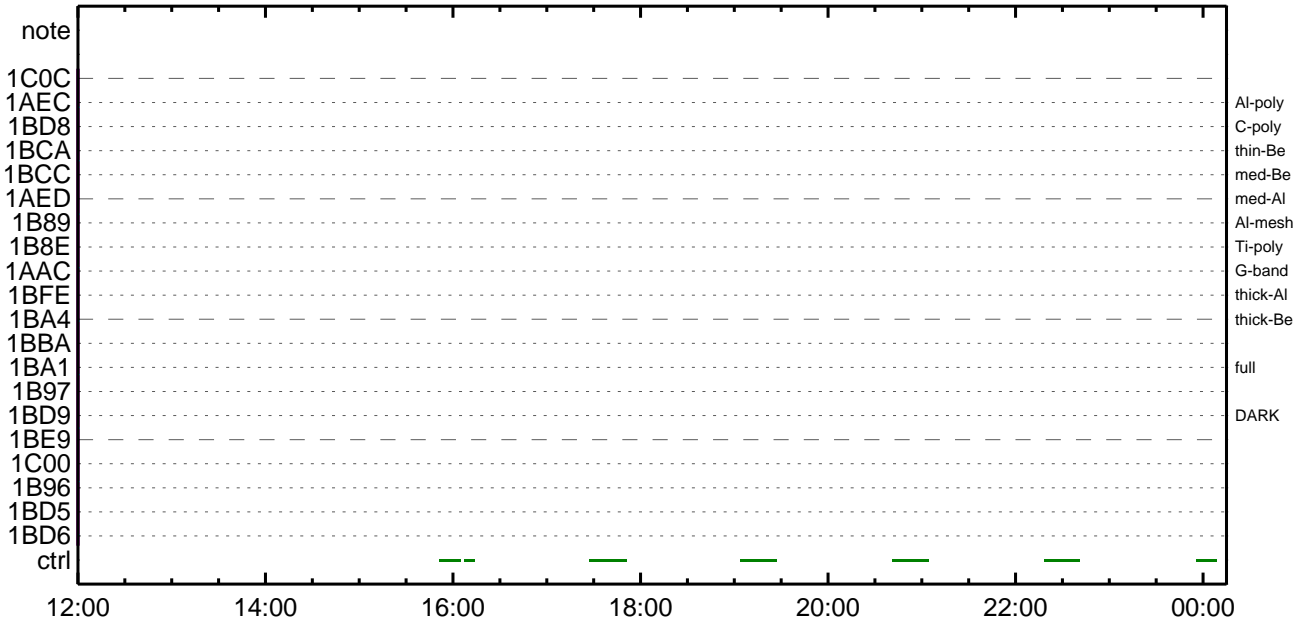
CMDI #0839 2018/10/19



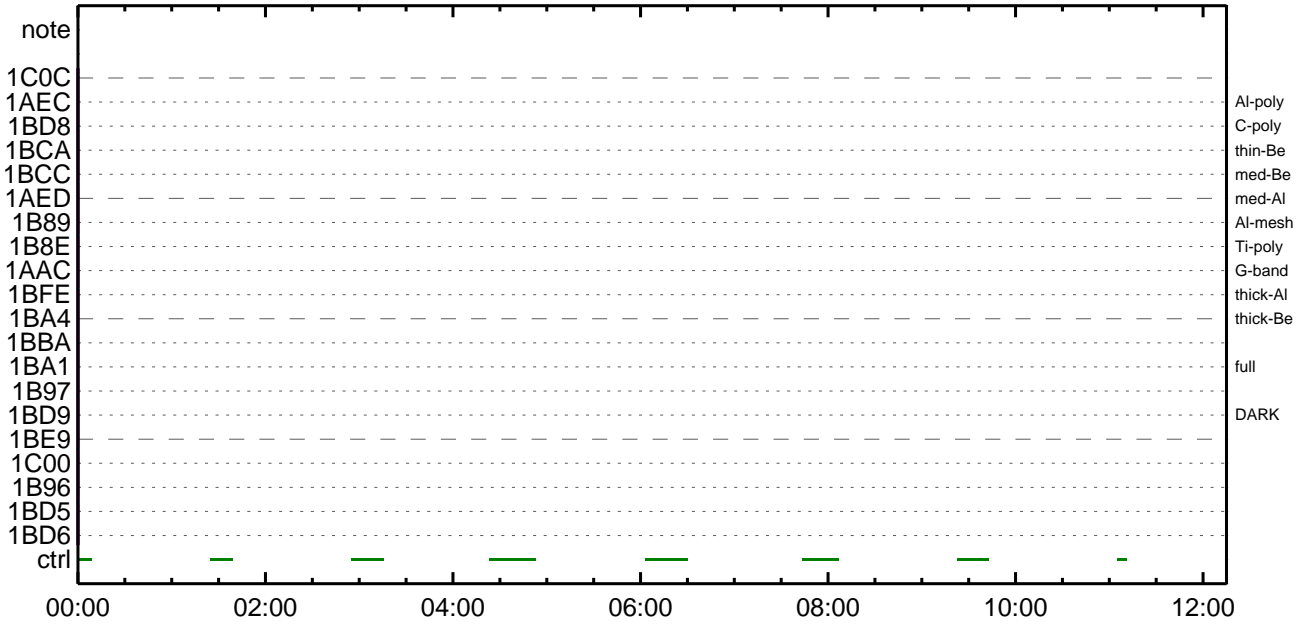
CMDI #0839 2018/10/20



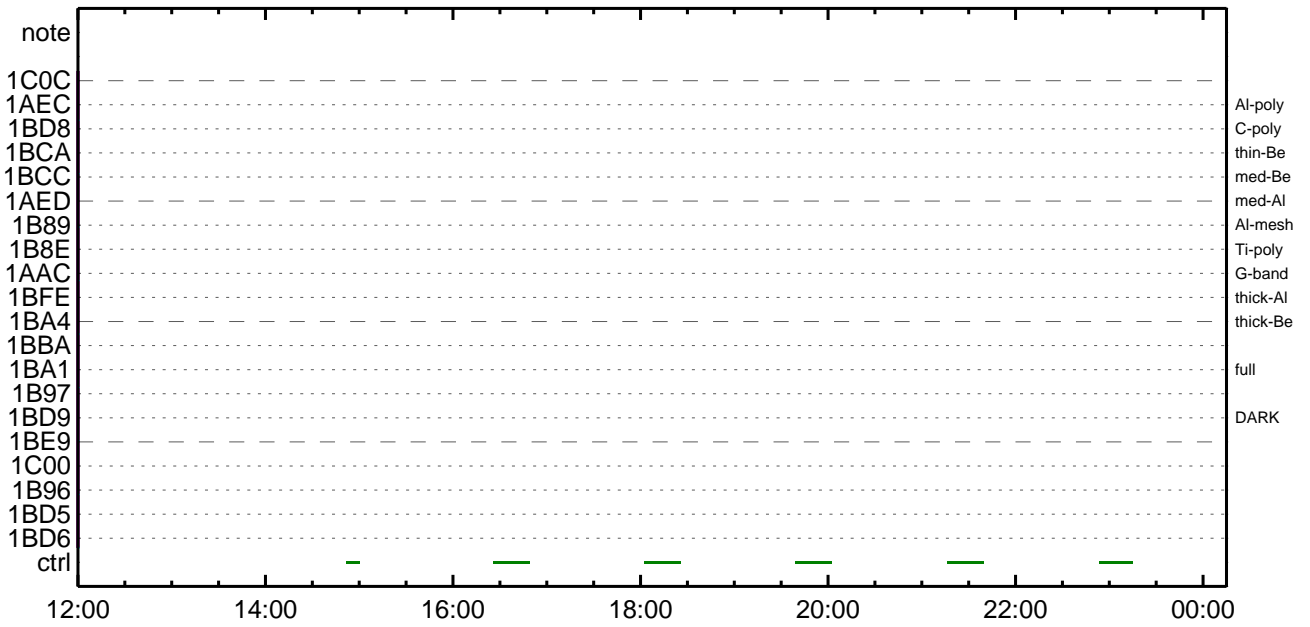
CMDI #0839 2018/10/20



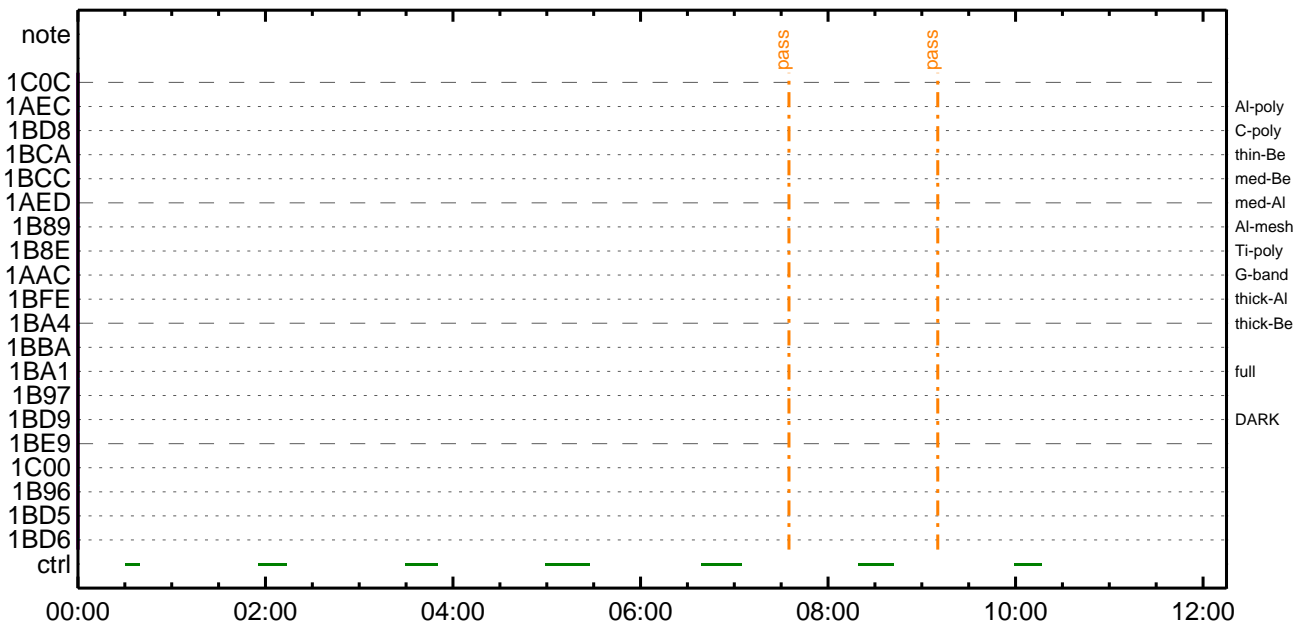
CMDI #0839 2018/10/21



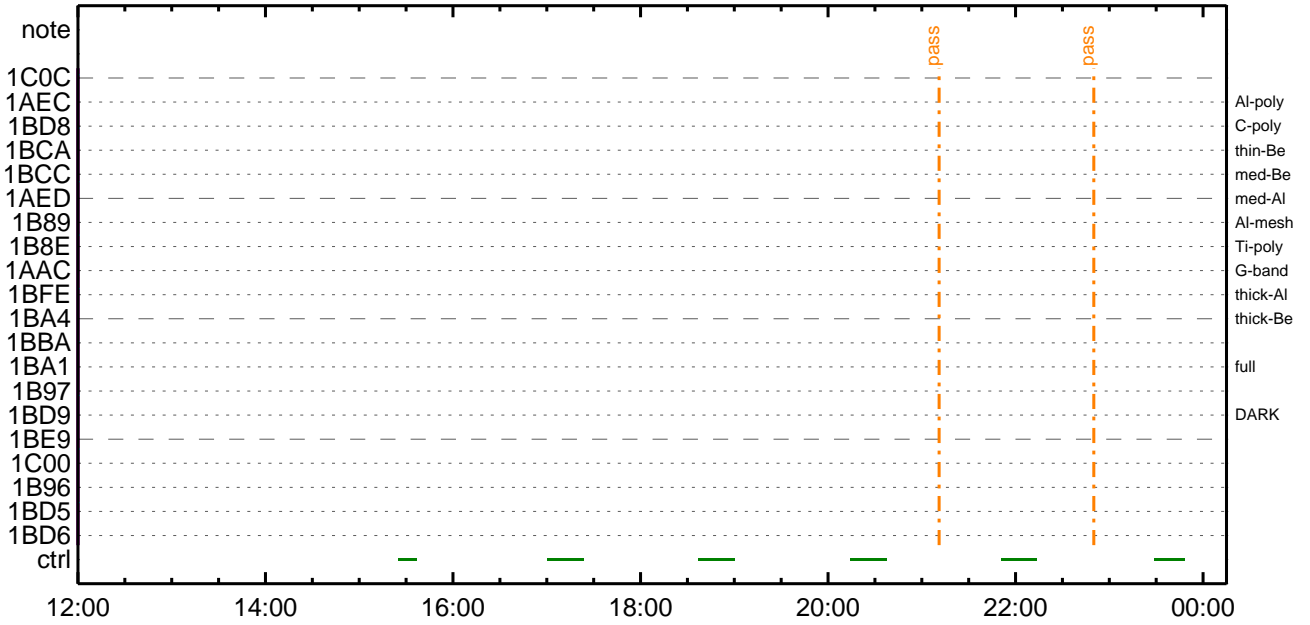
CMDI #0839 2018/10/21



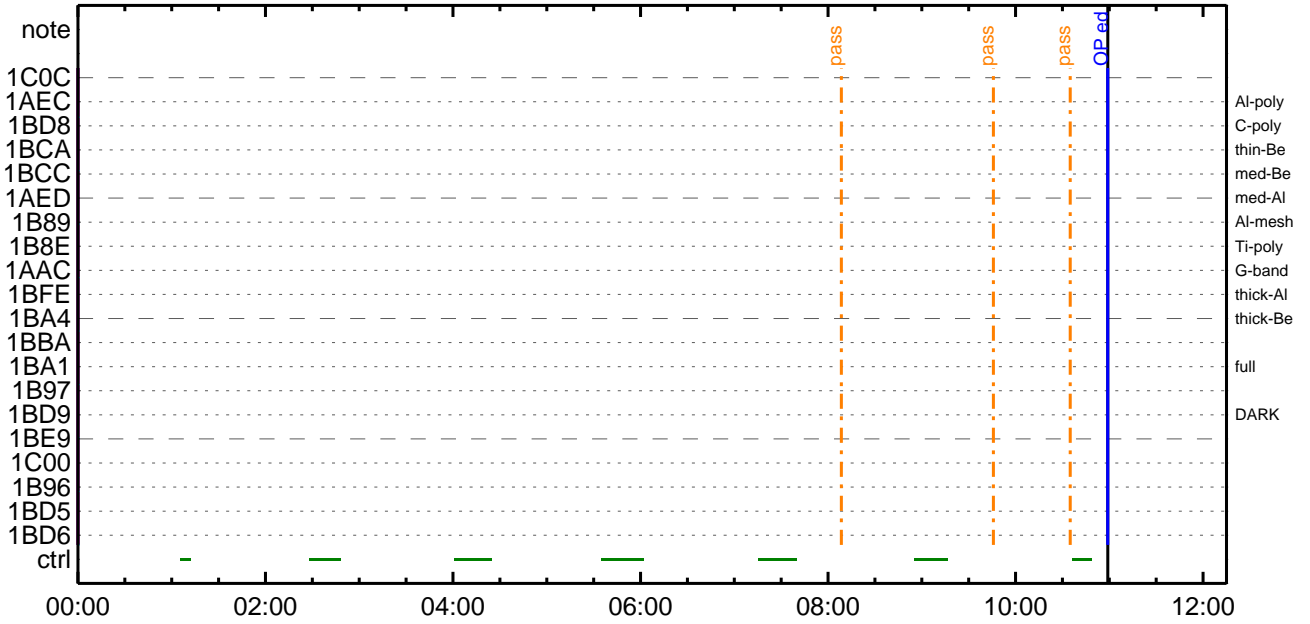
CMDI #0839 2018/10/22



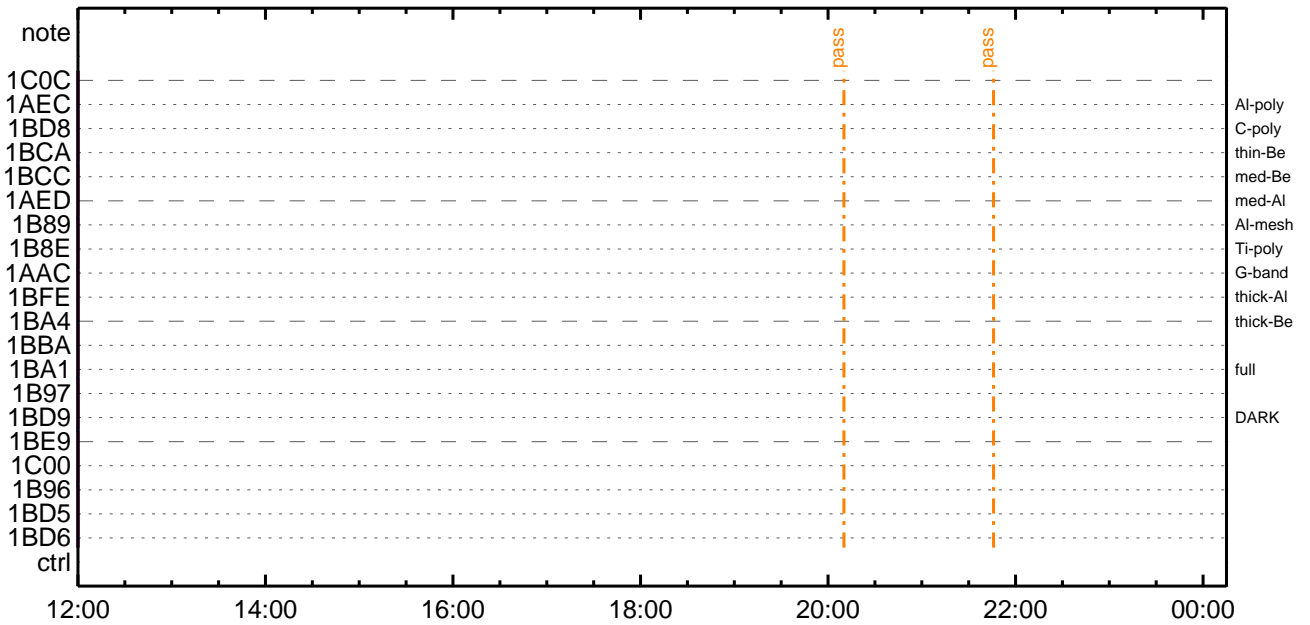
CMDI #0839 2018/10/22



CMDI #0839 2018/10/23



CMDI #0839 2018/10/23




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0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥D¥!•İ Daily±;İÑøĒ'Øσ¹αēDCBC•x²è *****
0198 . S. DC-BC dcbc-153:DCBC
0199 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0200 C.
0201 C.
0202 . C. ;ãLOS¥Á¥S¥Ã¥~¼Â»Ü;ä
0203 C.
0204 . C. ***** LOS *****
0205 C.
```



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0096 C.
0097 C.
0098 . C. *****
0099 C. SOT table upload
0100 C. *****
0101 . C. < Stop SP table >
0102 +. DC 07-F0 MDP_SP_CTRL_MANU
0103 BC (61)
0104 C. -----
0105 C. MDP_SP_CTRL_MODE = MANU [ ]
0106 C. -----
0107 C.
0108 . C. <Upload SP Observation Table>
0109 . S. RAM ram-287:MDP_OBS_S
0110 ( )
0111 C.
0112 . C. < Dump RAMID=MDP_OBS_S >
0113 +. DC 07-F0 MDP_DUMP_SPTBL
0114 BC (83 07 00 00 00 38 b8)
0115 C. -----
0116 C. MDP_OBS_S verify = OK/NG [ ]
0117 C. -----
0118 C.
0119 C. *****
0120 C. SOT TI command set
0121 C. *****
0122 C. Execute, after the success of TBL upload.
0123 +. TI 2018-10-18 11:18:18.0
0124 DC 07-F0 MDP_SOT_MODE_OBSV
0125 BC (40)
0126 . C. -----
0127 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0128 C. -----
0129 C.
0130 C.
0131 C. ***** XRT START *****
0132 C.
0133 +. DC 07-F0 MDP_XRT_CTRL_MANU
0134 BC (c1)
0135 +. DC 07-F0 MDP_XRT_CTRL_MANU
0136 BC (c1)
0137 +. DC 07-F0 MDP_XRT_MODE_STBY
0138 BC (c3)
0139 . C. ----- Success Verify ? OK / NG____
0140 C.
0141 C. XRT Obs. Table Upload
0142 . S. RAM ram-291:MDP_OBS_X
0143 ( )
0144 C.
0145 +. DC 07-F0 MDP_DUMP_XRTTBL
0146 BC (84 07 00 00 00 3a d4)
0147 . C. ----- Comparison Check ? OK / ERR ____
0148 C.
0149 C.
0150 +. DC 07-F0 MDP_XRT_ROI_SET
0151 BC (cd 01 b1 b1 04 04)
0152 +. DC 07-F0 MDP_XRT_ROI_SET
0153 BC (cd 02 b1 b1 08 08)
0154 +. DC 07-F0 MDP_XRT_ROI_SET
0155 BC (cd 03 b1 b1 08 08)
0156 +. DC 07-F0 MDP_XRT_ROI_SET
0157 BC (cd 04 b1 b1 06 06)
0158 +. DC 07-F0 MDP_XRT_ROI_SET
0159 BC (cd 06 85 83 06 06)
0160 +. DC 07-F0 MDP_XRT_ROI_SET
0161 BC (cd 07 80 80 08 08)
0162 +. DC 07-F0 MDP_XRT_ROI_SET
0163 BC (cd 08 80 80 20 20)
0164 +. DC 07-F0 MDP_XRT_ROI_SET
0165 BC (cd 09 80 80 20 08)
0166 +. DC 07-F0 MDP_XRT_ROI_SET
0167 BC (cd 0a 80 80 08 20)
0168 +. DC 07-F0 MDP_XRT_ROI_SET
0169 BC (cd 0f 80 80 06 06)
0170 +. DC 07-F0 MDP_XRT_ROI_SET
0171 BC (cd 10 80 80 08 08)
0172 +. DC 07-F0 MDP_XRT_FLD_ENA
0173 BC (d8)
0174 +. DC 07-F0 MDP_XRT_FLRCTRL_ENA
0175 BC (c8)
0176 +. DC 07-F0 MDP_XRT_ARS_DIS
0177 BC (d5)
0178 +. DC 07-F0 MDP_XRT_AEC_RESET
0179 BC (d0)
0180 +. DC 07-F0 MDP_XRT_FLD_RESET
0181 BC (da)
0182 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0183 BC (c4 09)
0184 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0185 BC (c5 0d)
0186 . C. ----- Success Verify ? OK / NG ____
0187 C.
0188 C.
0189 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0190 C.
0191 +. DC 07-F0 MDP_XRT_MODE_OBSV
0192 BC (c2)
0193 +. TI 2018-10-18 11:18:02.0

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*** OP Sequence for XRT ***

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2018/10/18 11:28:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/10/18 11:28:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/10/18 11:28:58.0 XRT_FOCUS_POSITION_410_OG [0x19a]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2018/10/18 11:29:00.0 AOCS_Ore-point_Start_1_OG [0x097]
                        AOCU_NM 5 02-76 02 00 00 00 00
2018/10/18 11:29:18.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2018/10/18 11:29:20.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2018/10/18 11:29:22.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2018/10/18 11:29:24.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2018/10/18 11:29:26.0 XRT_FLD_RESET_432_OG [0x1b0]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2018/10/18 11:31:56.0 XRT_QT_PROG_SET_421_OG [0x1a5]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 09
2018/10/18 11:31:58.0 XRT_FL_PROG_SET_440_OG [0x1b8]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 0d
2018/10/18 11:32:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2018/10/18 14:45:00.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/10/18 14:45:02.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/10/18 14:45:04.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2018/10/18 14:45:06.0 XRT_PREFLR_STRT_437_OG [0x1b5]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2018/10/18 14:48:14.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2018/10/18 14:54:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/10/18 14:54:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/10/18 14:54:58.0 XRT_FOCUS_POSITION_406_OG [0x196]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2018/10/18 14:55:00.0 AOCS_ORe-point_Start_2_OG [0x098]
                        AOCU_NM 5 02-76 04 00 00 00 00
2018/10/18 14:55:18.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2018/10/18 14:55:20.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2018/10/18 14:55:22.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2018/10/18 14:55:24.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2018/10/18 14:55:26.0 XRT_FLD_RESET_432_OG [0x1b0]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2018/10/18 14:57:56.0 XRT_QT_PROG_SET_444_OG [0x1bc]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 01
2018/10/18 14:57:58.0 XRT_FL_PROG_SET_440_OG [0x1b8]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 0d
2018/10/18 14:58:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2018/10/18 16:18:00.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/10/18 16:18:02.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/10/18 16:18:04.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2018/10/18 16:18:06.0 XRT_PREFLR_STRT_437_OG [0x1b5]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2018/10/18 16:21:14.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2018/10/18 16:29:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/10/18 16:29:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/10/18 16:29:58.0 XRT_FOCUS_POSITION_410_OG [0x19a]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2018/10/18 16:30:00.0 AOCS_ORe-point_Start_1_OG [0x097]
                        AOCU_NM 5 02-76 02 00 00 00 00
2018/10/18 16:30:18.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2018/10/18 16:30:20.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2018/10/18 16:30:22.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2018/10/18 16:30:24.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2018/10/18 16:30:26.0 XRT_FLD_RESET_432_OG [0x1b0]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2018/10/18 16:32:56.0 XRT_QT_PROG_SET_421_OG [0x1a5]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 09
2018/10/18 16:32:58.0 XRT_FL_PROG_SET_440_OG [0x1b8]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 0d
2018/10/18 16:41:30.0 XRT_Custom_430_OG [0x1ae]

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|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2018/10/18 | 16:42:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/10/18 | 17:54:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/18 | 17:54:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/18 | 17:54:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/10/18 | 17:54:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/10/18 | 17:57:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/10/18 | 18:17:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/18 | 18:17:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/18 | 18:17:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2018/10/18 | 18:18:00.0 | AOCS_Ore-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2018/10/18 | 18:18:18.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2018/10/18 | 18:18:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2018/10/18 | 18:18:22.0 | XRT_ARS_DIS_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/10/18 | 18:20:58.0 | XRT_QT_PROG_SET_447_OG [0x1bf] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 14 | | | | |
| 2018/10/18 | 18:21:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/10/18 | 18:27:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/18 | 18:27:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/18 | 18:27:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2018/10/18 | 18:28:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | | | | |
| 2018/10/18 | 18:28:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2018/10/18 | 18:28:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2018/10/18 | 18:28:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2018/10/18 | 18:28:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/10/18 | 18:28:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/10/18 | 18:30:56.0 | XRT_QT_PROG_SET_421_OG [0x1a5] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09 | | | | |
| 2018/10/18 | 18:30:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | | |
| 2018/10/18 | 18:31:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/10/18 | 19:31:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/18 | 19:31:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/18 | 19:31:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/10/18 | 19:31:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/10/18 | 19:34:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/10/18 | 19:55:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/10/18 | 19:56:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/10/18 | 21:08:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/18 | 21:08:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/18 | 21:08:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/10/18 | 21:08:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/10/18 | 21:11:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/10/18 | 21:34:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/18 | 21:34:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/18 | 21:34:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2018/10/18 | 21:35:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 00 00 00 00 | | | | |
| 2018/10/18 | 21:35:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2018/10/18 | 21:35:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2018/10/18 | 21:35:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2018/10/18 | 21:35:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |

| | | | | | | | |
|------------|------------|-----------------------------------|---------------------|---|-------|----|-------------|
| 2018/10/18 | 21:35:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/10/18 | 21:37:56.0 | XRT_QT_PROG_SET_444_OG [0x1bc] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 01 |
| 2018/10/18 | 21:37:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d |
| 2018/10/18 | 21:38:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/10/18 | 22:46:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/18 | 22:46:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/18 | 22:46:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/10/18 | 22:46:06.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2018/10/18 | 22:49:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2018/10/18 | 23:07:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2018/10/18 | 23:08:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/10/18 | 23:34:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/18 | 23:34:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/18 | 23:34:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe 97 00 |
| 2018/10/18 | 23:35:00.0 | AOCS_OrE-point_Start_1_OG [0x097] | AOCU_NM | 5 | 02-76 | 02 | 00 00 00 00 |
| 2018/10/18 | 23:35:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2018/10/18 | 23:35:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2018/10/18 | 23:35:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2018/10/18 | 23:35:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2018/10/18 | 23:35:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/10/18 | 23:37:56.0 | XRT_QT_PROG_SET_421_OG [0x1a5] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 09 |
| 2018/10/18 | 23:37:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d |
| 2018/10/18 | 23:38:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/10/19 | 00:23:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/19 | 00:23:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/19 | 00:23:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/10/19 | 00:23:06.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2018/10/19 | 00:26:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2018/10/19 | 00:32:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2018/10/19 | 00:33:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/10/19 | 01:44:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/19 | 01:44:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/19 | 01:44:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff aa 00 |
| 2018/10/19 | 01:45:00.0 | AOCS_OrE-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 00 | 00 00 00 00 |
| 2018/10/19 | 01:45:18.0 | XRT_FLD_ENA_407_OG [0x197] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2018/10/19 | 01:47:48.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2018/10/19 | 01:47:50.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2018/10/19 | 01:47:52.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2018/10/19 | 01:47:54.0 | XRT_FLD_RESET_420_OG [0x1a4] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/10/19 | 01:47:56.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 04 |
| 2018/10/19 | 01:47:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d |
| 2018/10/19 | 01:48:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/10/19 | 01:48:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/19 | 01:48:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/19 | 01:48:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/10/19 | 01:48:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2018/10/19 | 01:51:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2018/10/19 | 02:06:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |

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| 2018/10/19 | 02:07:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/10/19 | 03:21:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/19 | 03:21:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/19 | 03:21:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/10/19 | 03:21:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/10/19 | 03:24:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/10/19 | 03:42:30.5 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/10/19 | 03:43:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/10/19 | 03:44:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/19 | 03:44:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/19 | 03:44:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2018/10/19 | 03:45:00.0 | AOCS_Or-e-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 00 00 00 00 | | | | |
| 2018/10/19 | 03:45:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2018/10/19 | 03:45:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2018/10/19 | 03:45:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2018/10/19 | 03:45:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/10/19 | 03:45:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/10/19 | 03:47:56.0 | XRT_QT_PROG_SET_444_OG [0x1bc] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 01 | | | | |
| 2018/10/19 | 03:47:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | | |
| 2018/10/19 | 03:48:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/10/19 | 04:51:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/19 | 04:51:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/19 | 04:51:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/10/19 | 04:51:06.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/10/19 | 04:54:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/10/19 | 05:20:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/10/19 | 05:21:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/10/19 | 06:02:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/19 | 06:02:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/19 | 06:02:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2018/10/19 | 06:02:30.0 | AOCS_Or-e-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2018/10/19 | 06:02:48.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2018/10/19 | 06:02:50.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2018/10/19 | 06:02:52.0 | XRT_ARS_DIS_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/10/19 | 06:05:28.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 06 | | | | |
| 2018/10/19 | 06:05:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/10/19 | 06:12:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/19 | 06:12:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/19 | 06:12:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2018/10/19 | 06:12:30.0 | AOCS_Or-e-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | | | | |
| 2018/10/19 | 06:12:48.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2018/10/19 | 06:12:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2018/10/19 | 06:12:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2018/10/19 | 06:12:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/10/19 | 06:12:56.0 | XRT_FLD_RESET_432_OG [0x1b0] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/10/19 | 06:15:26.0 | XRT_QT_PROG_SET_421_OG [0x1a5] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09 | | | | |
| 2018/10/19 | 06:15:28.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | | |
| 2018/10/19 | 06:15:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |

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| 2018/10/19 | 06:31:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/19 | 06:31:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/19 | 06:31:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/10/19 | 06:31:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/10/19 | 06:34:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/10/19 | 06:57:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2018/10/19 | 06:58:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/10/19 | 08:11:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/19 | 08:11:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/19 | 08:11:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/10/19 | 08:11:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/10/19 | 08:14:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/10/19 | 08:34:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2018/10/19 | 08:35:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/10/19 | 09:51:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/19 | 09:51:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/19 | 09:51:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/10/19 | 09:51:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/10/19 | 09:54:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/10/19 | 10:09:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2018/10/19 | 10:10:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/10/19 | 13:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/19 | 13:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/19 | 13:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2018/10/19 | 14:00:00.0 | AOCs_OrE-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 04 00 00 00 00 |
| 2018/10/19 | 14:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2018/10/19 | 14:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2018/10/19 | 14:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2018/10/19 | 14:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2018/10/19 | 14:00:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/10/19 | 14:02:56.0 | XRT_QT_PROG_SET_449_OG [0x1c1] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 |
| 2018/10/19 | 14:02:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d |
| 2018/10/19 | 14:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/10/19 | 15:17:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/19 | 15:17:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/19 | 15:17:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/10/19 | 15:17:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/10/19 | 15:20:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/10/19 | 15:29:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2018/10/19 | 15:30:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/10/19 | 15:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/19 | 15:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/19 | 15:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2018/10/19 | 16:00:00.0 | AOCs_OrE-point_Start_1_OG [0x097] | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 |
| 2018/10/19 | 16:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2018/10/19 | 16:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2018/10/19 | 16:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2018/10/19 | 16:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |

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|------------|------------|-----------------------------------|---------------------|---|-------|----|-------------|
| 2018/10/19 | 16:00:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/10/19 | 16:02:56.0 | XRT_QT_PROG_SET_421_OG [0x1a5] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 09 |
| 2018/10/19 | 16:02:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d |
| 2018/10/19 | 16:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/10/19 | 16:52:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/19 | 16:52:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/19 | 16:52:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/10/19 | 16:52:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2018/10/19 | 16:55:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2018/10/19 | 17:16:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2018/10/19 | 17:17:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/10/19 | 17:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/19 | 17:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/19 | 17:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff aa 00 |
| 2018/10/19 | 18:00:00.0 | AOCS_ORe-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 00 | 00 00 00 00 |
| 2018/10/19 | 18:00:18.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2018/10/19 | 18:00:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2018/10/19 | 18:00:22.0 | XRT_ARS_DIS_414_OG [0x19e] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2018/10/19 | 18:02:58.0 | XRT_QT_PROG_SET_447_OG [0x1bf] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 14 |
| 2018/10/19 | 18:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/10/19 | 18:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/19 | 18:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/19 | 18:09:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe 97 00 |
| 2018/10/19 | 18:10:00.0 | AOCS_ORe-point_Start_1_OG [0x097] | AOCU_NM | 5 | 02-76 | 02 | 00 00 00 00 |
| 2018/10/19 | 18:10:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2018/10/19 | 18:10:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2018/10/19 | 18:10:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2018/10/19 | 18:10:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2018/10/19 | 18:10:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/10/19 | 18:12:56.0 | XRT_QT_PROG_SET_421_OG [0x1a5] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 09 |
| 2018/10/19 | 18:12:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d |
| 2018/10/19 | 18:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/10/19 | 18:29:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/19 | 18:29:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/19 | 18:29:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/10/19 | 18:29:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2018/10/19 | 18:32:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2018/10/19 | 18:53:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2018/10/19 | 18:54:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/10/19 | 20:06:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/19 | 20:06:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/19 | 20:06:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/10/19 | 20:06:06.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2018/10/19 | 20:09:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2018/10/19 | 20:30:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/19 | 20:30:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/19 | 20:30:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff aa 00 |
| 2018/10/19 | 20:31:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----|----|----|----|----|
| 2018/10/19 | 20:31:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 04 | 00 | 00 | 00 | 00 |
| | | MDP_XRT_FLD_ENA | | 1 | 07-F0 | d8 | | | | |
| 2018/10/19 | 20:31:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2018/10/19 | 20:31:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2018/10/19 | 20:31:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/10/19 | 20:31:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/10/19 | 20:33:56.0 | XRT_QT_PROG_SET_449_OG [0x1c1] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 03 | | | |
| 2018/10/19 | 20:33:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d | | | |
| 2018/10/19 | 20:34:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/10/19 | 21:43:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/19 | 21:43:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/19 | 21:43:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/10/19 | 21:43:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/10/19 | 21:46:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/10/19 | 22:06:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2018/10/19 | 22:07:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/10/19 | 22:29:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/19 | 22:29:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/19 | 22:29:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2018/10/19 | 22:30:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | AOCU_NM | 5 | 02-76 | 02 | 00 | 00 | 00 | 00 |
| 2018/10/19 | 22:30:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2018/10/19 | 22:30:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2018/10/19 | 22:30:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2018/10/19 | 22:30:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/10/19 | 22:30:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/10/19 | 22:32:56.0 | XRT_QT_PROG_SET_421_OG [0x1a5] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 09 | | | |
| 2018/10/19 | 22:32:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d | | | |
| 2018/10/19 | 22:33:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/10/19 | 23:21:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/19 | 23:21:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/19 | 23:21:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/10/19 | 23:21:06.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/10/19 | 23:24:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/10/19 | 23:41:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2018/10/19 | 23:42:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/10/20 | 00:58:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/20 | 00:58:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/20 | 00:58:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/10/20 | 00:58:06.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/10/20 | 01:01:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/10/20 | 01:05:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2018/10/20 | 01:06:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/10/20 | 01:18:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/20 | 01:18:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/20 | 01:18:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2018/10/20 | 01:19:00.0 | AOCS_Ore-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| 2018/10/20 | 01:19:18.0 | XRT_FLD_ENA_407_OG [0x197] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2018/10/20 | 01:21:48.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2018/10/20 | 01:21:50.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|
| 2018/10/20 | 01:21:52.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2018/10/20 | 01:21:54.0 | XRT_FLD_RESET_420_OG [0x1a4] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/10/20 | 01:21:56.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 04 |
| 2018/10/20 | 01:21:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d |
| 2018/10/20 | 01:22:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/10/20 | 02:21:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/20 | 02:21:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/20 | 02:21:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/10/20 | 02:21:06.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/10/20 | 02:24:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/10/20 | 02:40:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2018/10/20 | 02:41:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/10/20 | 03:55:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/20 | 03:55:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/20 | 03:55:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/10/20 | 03:55:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/10/20 | 03:58:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/10/20 | 04:18:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/20 | 04:18:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/20 | 04:18:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2018/10/20 | 04:19:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 04 00 00 00 00 |
| 2018/10/20 | 04:19:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2018/10/20 | 04:19:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2018/10/20 | 04:19:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2018/10/20 | 04:19:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2018/10/20 | 04:19:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/10/20 | 04:21:56.0 | XRT_QT_PROG_SET_449_OG [0x1c1] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 |
| 2018/10/20 | 04:21:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d |
| 2018/10/20 | 04:22:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/10/20 | 05:27:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/20 | 05:27:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/20 | 05:27:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/10/20 | 05:27:06.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/10/20 | 05:30:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/10/20 | 05:55:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2018/10/20 | 05:56:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/10/20 | 06:04:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/20 | 06:04:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/20 | 06:04:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2018/10/20 | 06:04:30.0 | AOCS_ORe-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2018/10/20 | 06:04:48.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2018/10/20 | 06:04:50.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2018/10/20 | 06:04:52.0 | XRT_ARS_DIS_414_OG [0x19e] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2018/10/20 | 06:07:28.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 06 |
| 2018/10/20 | 06:07:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/10/20 | 06:14:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/20 | 06:14:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |

| | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----|----|----------|
| 2018/10/20 | 06:14:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 00 |
| 2018/10/20 | 06:14:30.0 | AOCs_Re-point_Start_1_OG [0x097] | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 | 00 | 00 00 00 |
| 2018/10/20 | 06:14:48.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | | | d8 |
| 2018/10/20 | 06:14:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | | | c8 |
| 2018/10/20 | 06:14:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | | | d0 |
| 2018/10/20 | 06:14:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | | | d5 |
| 2018/10/20 | 06:14:56.0 | XRT_FLD_RESET_432_OG [0x1b0] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | | | da |
| 2018/10/20 | 06:17:26.0 | XRT_QT_PROG_SET_421_OG [0x1a5] | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | | 09 |
| 2018/10/20 | 06:17:28.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | | 0d |
| 2018/10/20 | 06:17:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | | c0 |
| 2018/10/20 | 07:07:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | c1 |
| 2018/10/20 | 07:07:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | c1 |
| 2018/10/20 | 07:07:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | | | da |
| 2018/10/20 | 07:07:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | | | e8 |
| 2018/10/20 | 07:10:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | | | e9 |
| 2018/10/20 | 07:32:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2018/10/20 | 07:33:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | | c0 |
| 2018/10/20 | 08:47:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | c1 |
| 2018/10/20 | 08:47:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | c1 |
| 2018/10/20 | 08:47:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | | | da |
| 2018/10/20 | 08:47:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | | | e8 |
| 2018/10/20 | 08:50:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | | | e9 |
| 2018/10/20 | 09:09:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2018/10/20 | 09:10:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | | c0 |
| 2018/10/20 | 10:28:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | c1 |
| 2018/10/20 | 10:28:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | c1 |
| 2018/10/20 | 10:28:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | | | da |
| 2018/10/20 | 10:28:06.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | | | e8 |
| 2018/10/20 | 10:31:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | | | e9 |
| 2018/10/20 | 11:33:00.0 | AOCs_Re-point_Start_3_OG [0x099] | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 00 00 |