

XRT Timeline to be uploaded on 2018/10/04

Period: 2018/10/04 10:42:00 - 2018/10/09 11:28:00

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Normal mode

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| XOB #1BFE: AR - Standard Core - (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Al/poly context, with | | | | | | | | | | | | | |
|---|---|----------------|---|------|-------|-------|-----|-----|----------------------|-------|------------|----------|---------|
| Term | Pointing (x, y) | | Comment | | | | | | | | | | |
| 10/04 11:03:30 - 10/04 14:59:54 | Track (801.8, -250.4) @ 10/04 10:52:00 | | # OP start + 10min, AR 12723, SST/IRIS (7.5-12) | | | | | | | | | | |
| 10/04 23:05:30 - 10/05 02:59:54 | Track (853.4, -239.1) @ 10/04 23:00:00 | | AR 12723 | | | | | | | | | | |
| 10/05 06:13:00 - 10/05 14:59:54 | Track (878.5, -232.2) @ 10/05 06:10:00 | | AR 12723, SST/IRIS (7-12) | | | | | | | | | | |
| 10/05 15:03:00 - 10/05 18:59:54 | Track (318.7, 66.3) @ 10/05 15:00:00 | | HOP 363 with BBSO, fixed | | | | | | | | | | |
| 10/06 06:14:30 - 10/06 11:11:00 | Fixed (910.0, -206.0) | | AR 12723, SST/IRIS (7-12) | | | | | | | | | | |
| PROG= 11 Inf.-time(s) | | | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | | |
| └─ Seqn= 92 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1064, 1048) | DPCM | 0 | 0 | 2.0sec |
| | Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1064, 1048) | DPCM | 0 | 0 | 2.0sec |
| | Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 16.0s | Obs | 1x1 | 384x384 (1064, 1048) | Q=98 | 0 | 0 | 2.0sec |
| └─ Subr= 2 4-time(s) 2.0sec | | | | | | | | | | | | | |
| └─ Seqn= 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= 93 4-time(s) 300.0sec | | | | | | | | | | | | | |
| | Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 1 | 0 | 2.0sec |
| | thin-Be/Open | med-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 1 | 0 | 95.0sec |
| | Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 1 | 1 | 2.0sec |
| | thin-Be/Open | med-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 1 | 1 | 95.0sec |
| | Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 1 | 2 | 2.0sec |
| | thin-Be/Open | med-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 1 | 2 | 2.0sec |
| | Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

| XOB #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 | | | | | | | | | | |
| 10/04 15:03:00 - 10/04 18:59:54 | Track (849.6, -238.4) @ 10/04 15:00:00 | | HOP 363 with BBSO | | | | | | | | | | |
| PROG= 09 Inf.-time(s) | | | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | | |
| └─ Seqn= 92 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1064, 1048) | DPCM | 0 | 0 | 2.0sec |
| | Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1064, 1048) | DPCM | 0 | 0 | 2.0sec |
| | Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 16.0s | Obs | 1x1 | 384x384 (1064, 1048) | Q=98 | 0 | 0 | 2.0sec |
| └─ Subr= 2 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 #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 | | | | | | | | | | |
| 10/04 19:03:00 - 10/04 19:09:54 | Fixed (0.0, 0.0) | | synoptic, shifted, manually | | | | | | | | | | |
| 10/05 06:03:00 - 10/05 06:09:54 | Fixed (0.0, 0.0) | | synoptic | | | | | | | | | | |
| 10/05 19:03:00 - 10/05 19:09:54 | Fixed (0.0, 0.0) | | synoptic, shifted manually | | | | | | | | | | |
| 10/06 06:04:30 - 10/06 06:11:24 | Fixed (0.0, 0.0) | | synoptic, shifted 1.5 min | | | | | | | | | | |
| PROG= 20 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= 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 | |
| | | 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 #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 | | | | | | | | | | | | | |
|---------------------------------|--|-------------------------|--------------|------------------|------|-----------------|-------|------|-----|------------------------|--------------------|-------|------------|----------|--|
| 10/04 19:13:00 - 10/04 22:43:00 | Track (369.5, -19.5) @ 10/04 19:10:00 | EIS sensitivity monitor | | | | | | | | | | | | | |
| 10/05 19:13:00 - 10/05 23:59:54 | Fixed (0.0, 900.0) | Coronal hole, north | | | | | | | | | | | | | |
| PROG= 01 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 | |
| | | 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 #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 | | | | | | | | | | | | | |
|---------------------------------|-------------------|------------------|------------------|-------------------|------|-----------------|-------|------|-----|------------------------|--------------------|-------|------------|----------|--|
| 10/05 03:03:00 - 10/05 05:59:54 | 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 #1BA4: AR Standard-A(Filter-Ratio with Al/poly and thin-Be) with PFB, 384x384 at 1064 1048, thin-Be, thick-Al, Al/Poly context, with G-band (1ms/1ms)

| Term | Pointing (x, y) | Comment | | | | | | | | | | | | | |
|---------------------------------|------------------------|------------------|---------------|-------------------|------|---------------|-------|-----|-----|----------------------|------|---|---|--------|--|
| 10/06 00:03:00 - 10/06 06:01:24 | Fixed (910.0, -206.0) | HOP 253 | | | | | | | | | | | | | |
| PROG= 10 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 | |
| | | Seqn= 42 | | 1-time(s) | | 2.0sec | | | | | | | | | |
| | | Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec | |
| | | thin-Be/Open | med-Be/Open | close | Safe | Norm | 5.66s | Obs | 1x1 | 512x512 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec | |
| | | Open/thick-Al | Open/thick-Al | close | Safe | Norm | 16.0s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec | |
| | | Seqn= 96 | | 40-time(s) | | 2.0sec | | | | | | | | | |
| | | 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 | |

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Flare mode

* * * * *

| Term | Pointing (x, y) | Comment |
|---------------------------------|---|---|
| 10/04 11:03:30 - 10/04 14:59:54 | Track (801.8, -250.4) @ 10/04 10:52:00 | # OP start + 10min, AR 12723, SST/IRIS (7.5-12) |
| 10/04 15:03:00 - 10/04 18:59:54 | Track (849.6, -238.4) @ 10/04 15:00:00 | HOP 363 with BBSO |
| 10/04 19:13:00 - 10/04 22:43:00 | Track (369.5, -19.5) @ 10/04 19:10:00 | EIS sensitivity monitor |
| 10/04 23:05:30 - 10/05 02:59:54 | Track (853.4, -239.1) @ 10/04 23:00:00 | AR 12723 |
| 10/05 03:03:00 - 10/05 05:59:54 | Fixed (0.0, 0.0) | HOP 349 |
| 10/05 06:13:00 - 10/05 14:59:54 | Track (878.5, -232.2) @ 10/05 06:10:00 | AR 12723, SST/IRIS (7-12) |
| 10/05 15:03:00 - 10/05 18:59:54 | Track (318.7, 66.3) @ 10/05 15:00:00 | HOP 363 with BBSO, fixed |
| 10/05 19:13:00 - 10/05 23:59:54 | Fixed (0.0, 900.0) | Coronal hole, north |
| 10/06 00:03:00 - 10/06 06:01:24 | Fixed (910.0, -206.0) | HOP 253 |
| 10/06 06:14:30 - 10/06 11:11:00 | Fixed (910.0, -206.0) | AR 12723, SST/IRIS (7-12) |

PROG= 13 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=100 1-time(s) 10.0sec | | | | | | | | | | | | |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 125ms | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 2 | 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-Al | Open/thick-Be | close | Safe | Norm | 1.00s | 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

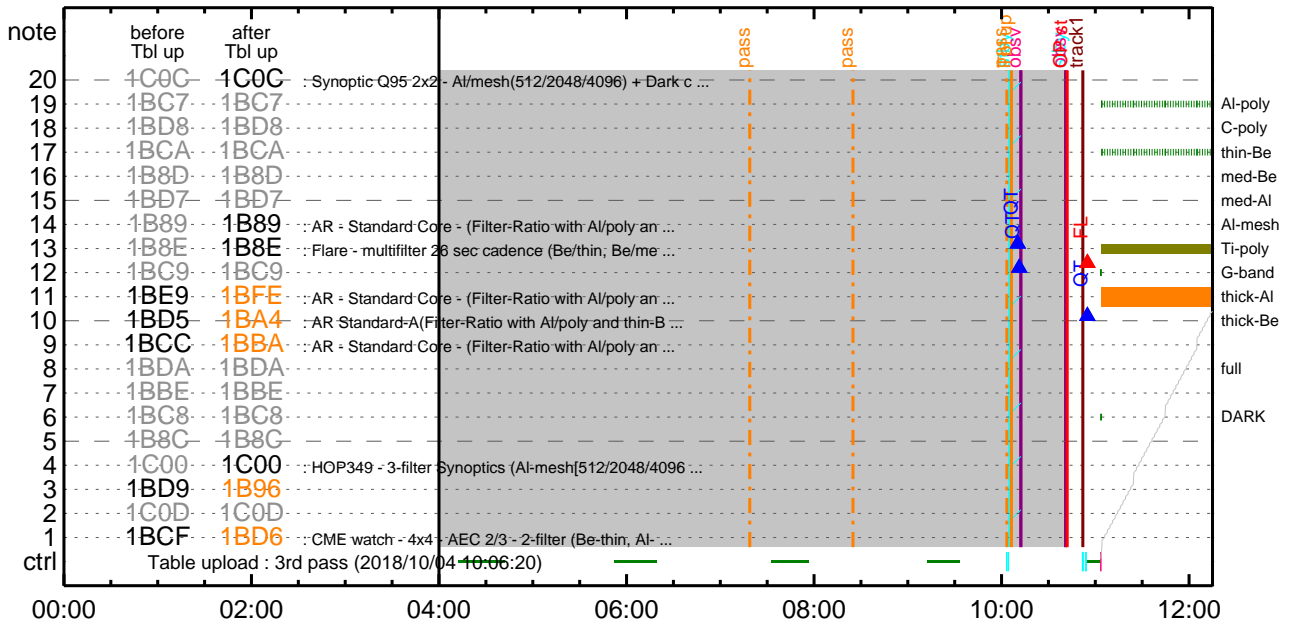
* * * * *

Flare Detection

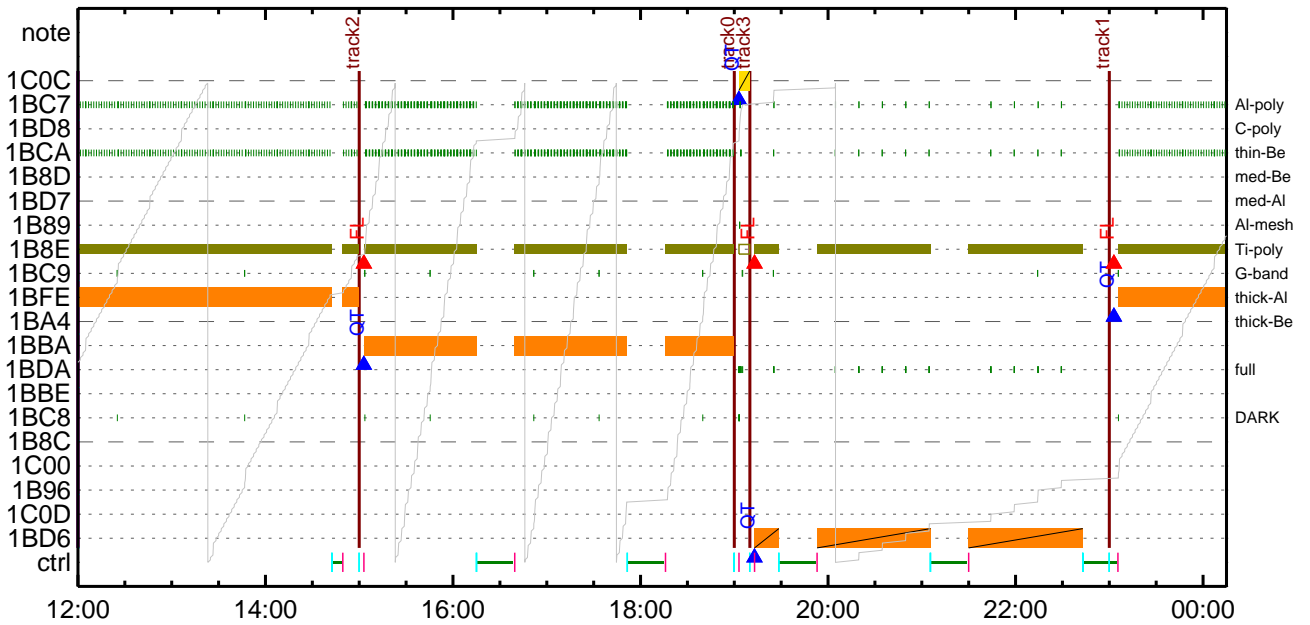
* * * * *

| FLD Patrol | | | | | | | | | | | | |
|---------------------------------|---|---------------------------|------|-------|------|-----|-----|--------------------|-------|------------|----------|-------|
| Term | Pointing (x, y) | Comment | | | | | | | | | | |
| 10/04 19:10:18 - 10/05 06:00:18 | Track (369.5, -19.5) @ 10/04 19:10:00 | EIS sensitivity monitor | | | | | | | | | | |
| 10/05 06:10:18 - 10/05 19:00:18 | Track (878.5, -232.2) @ 10/05 06:10:00 | AR 12723, SST/IRIS (7-12) | | | | | | | | | | |
| 10/05 19:10:18 - 10/06 06:01:48 | Fixed (0.0, 900.0) | Coronal hole, north | | | | | | | | | | |
| 10/06 06:11:48 - 10/09 11:28:00 | Fixed (910.0, -206.0) | AR 12723, SST/IRIS (7-12) | | | | | | | | | | |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 8ms | Obs | 8x8 | | Q=50 | | | 30sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

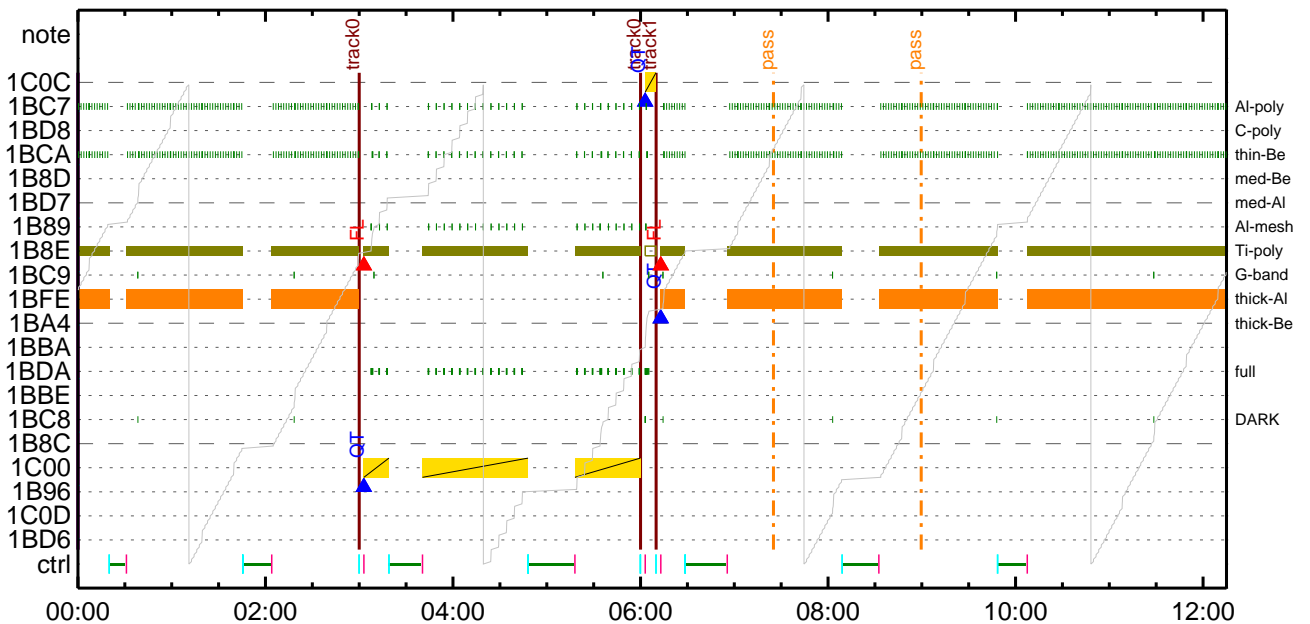
CMDI #0808 2018/10/04



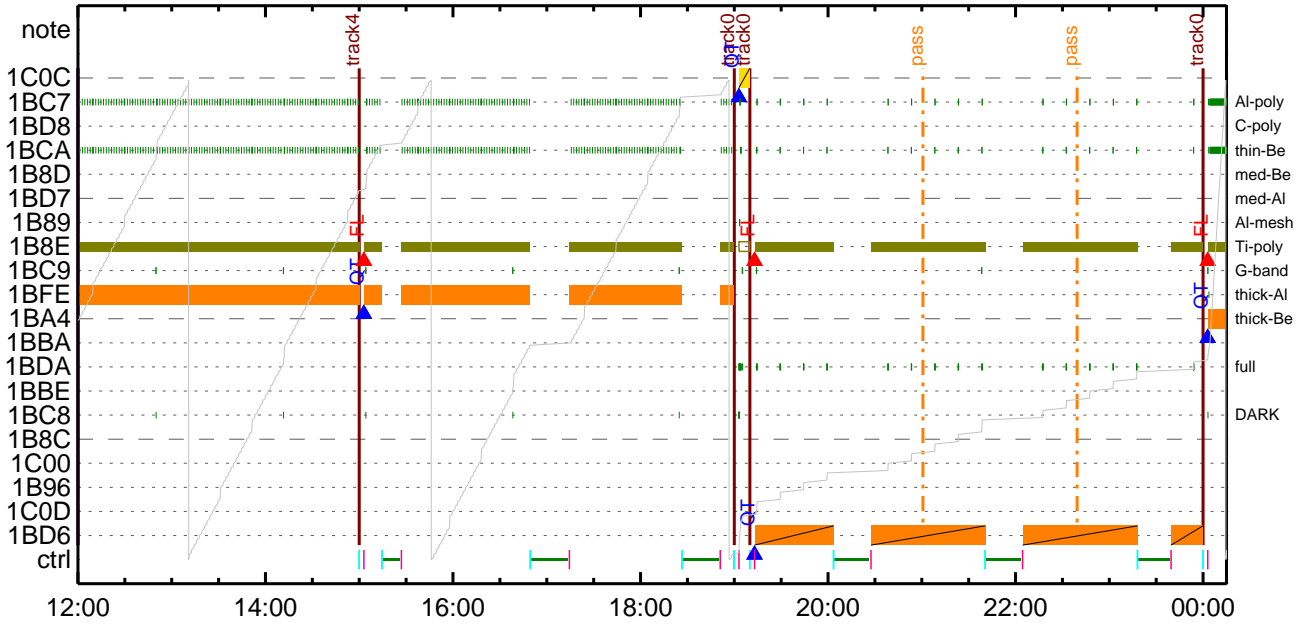
CMDI #0808 2018/10/04



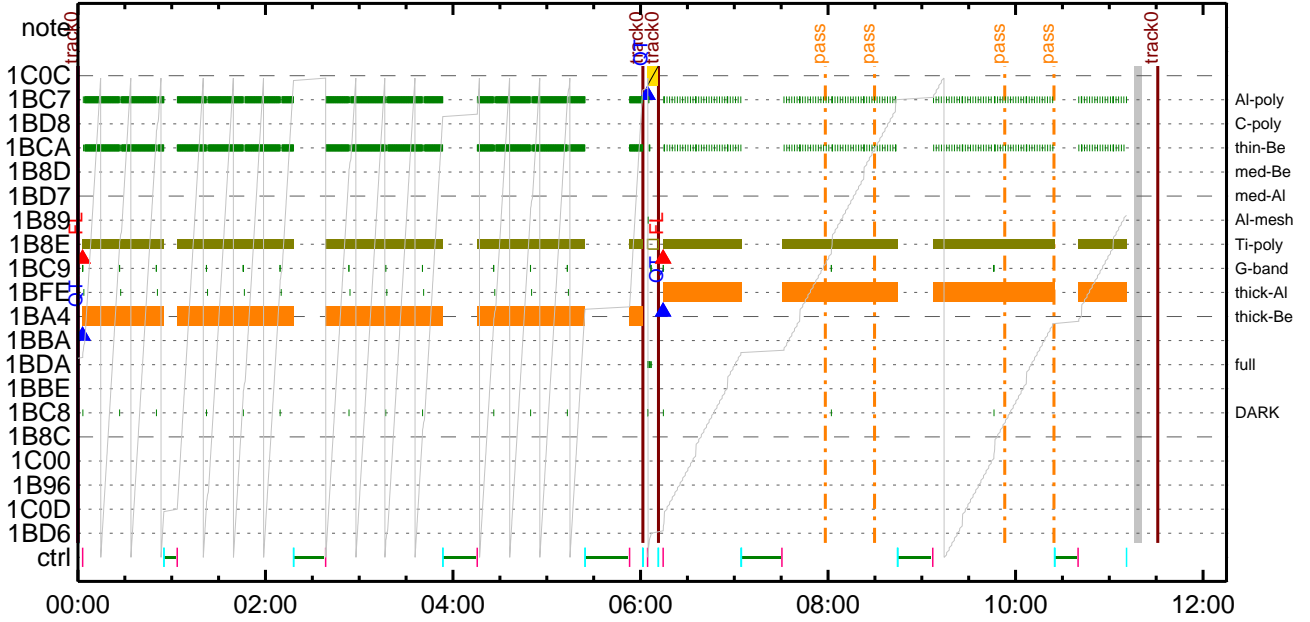
CMDI #0808 2018/10/05



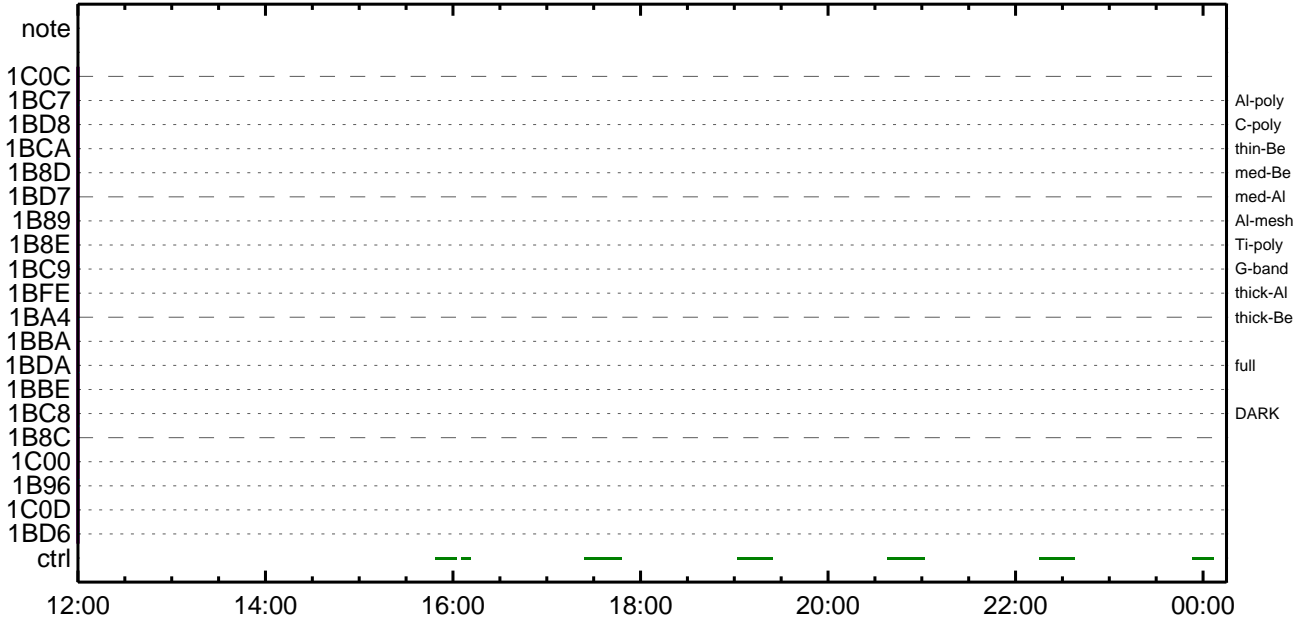
CMDI #0808 2018/10/05



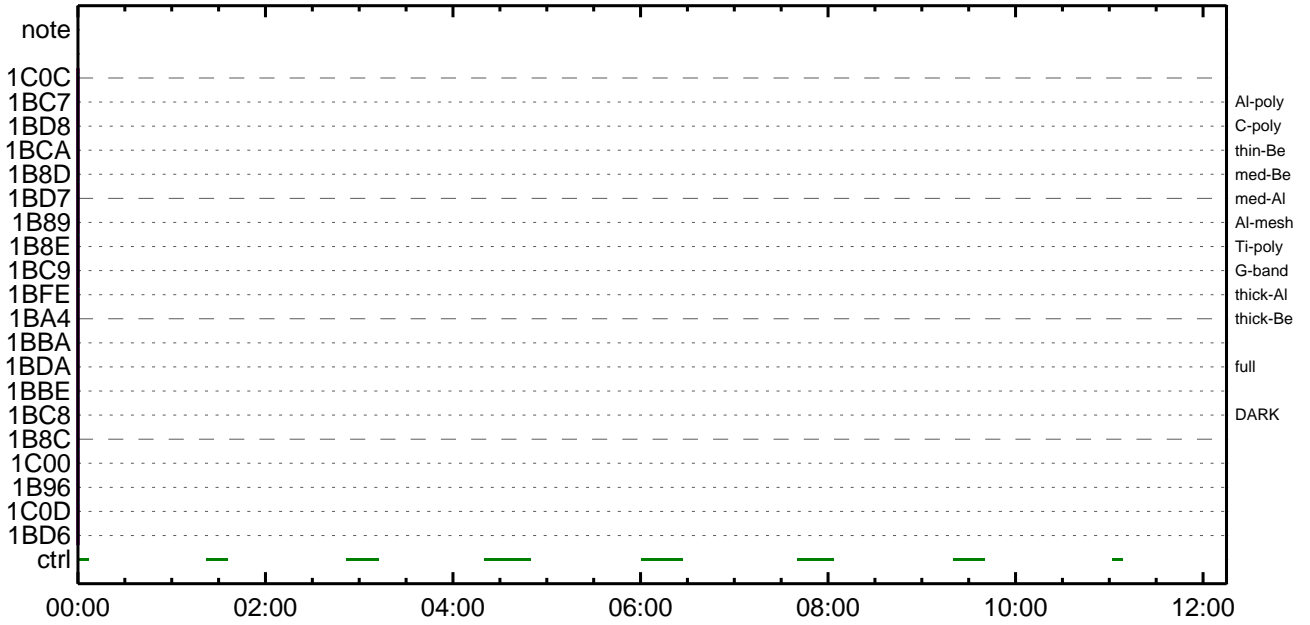
CMDI #0808 2018/10/06



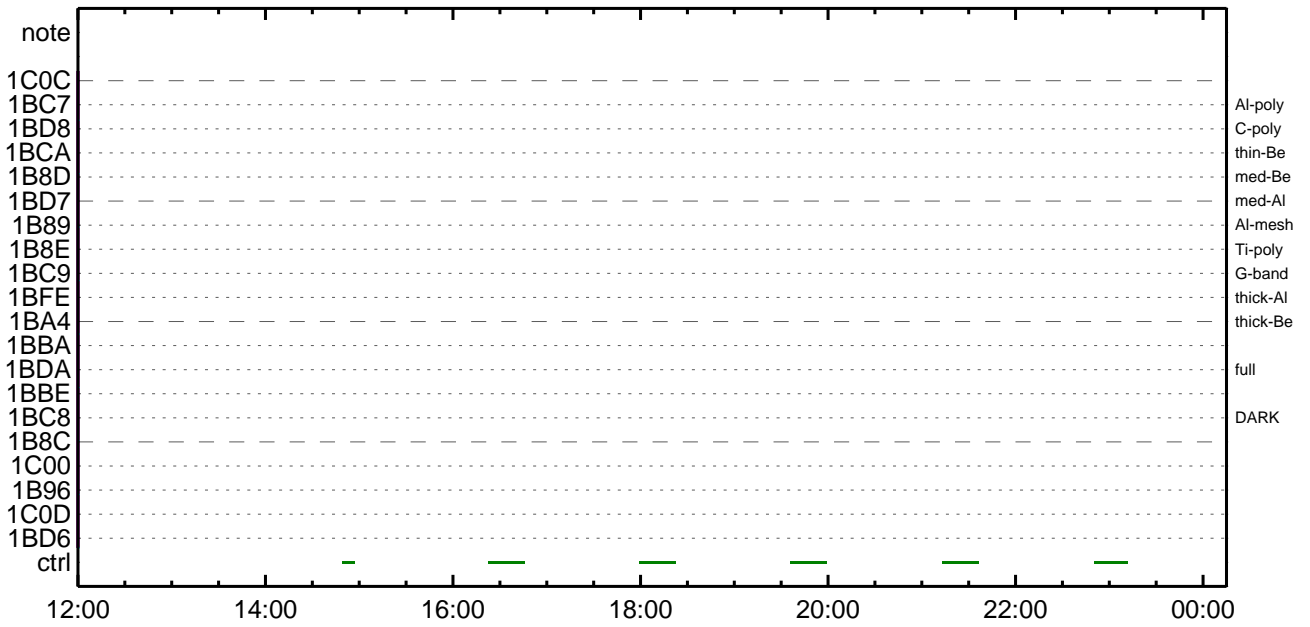
CMDI #0808 2018/10/06



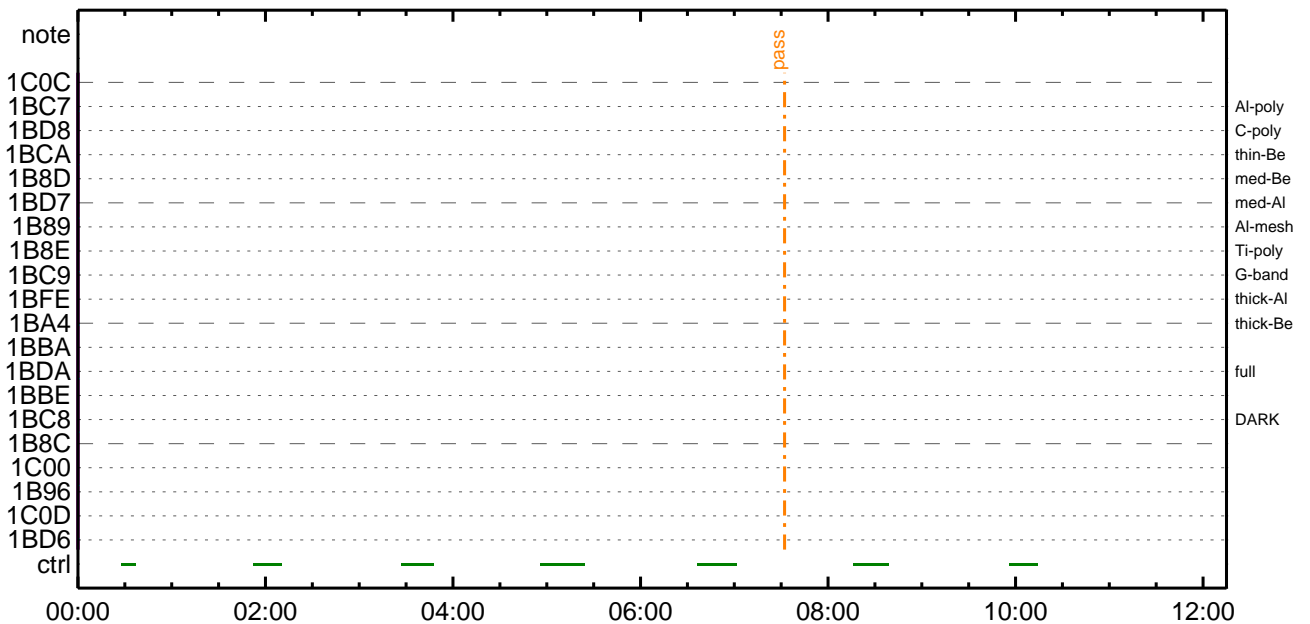
CMDI #0808 2018/10/07



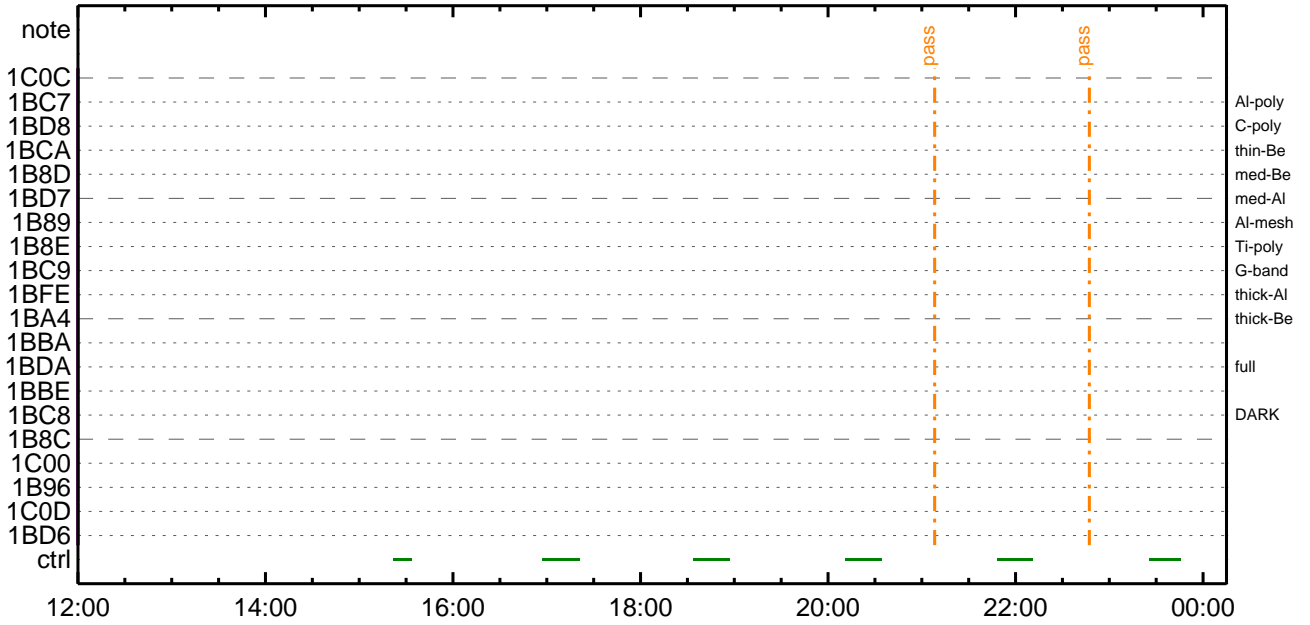
CMDI #0808 2018/10/07



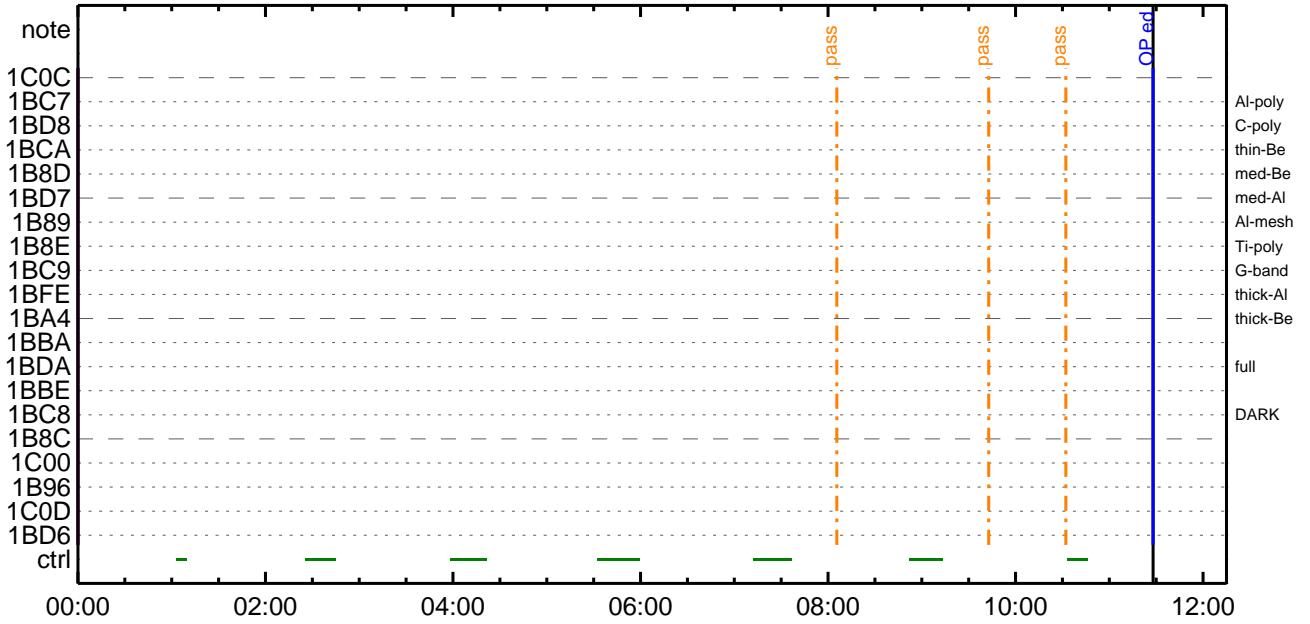
CMDI #0808 2018/10/08



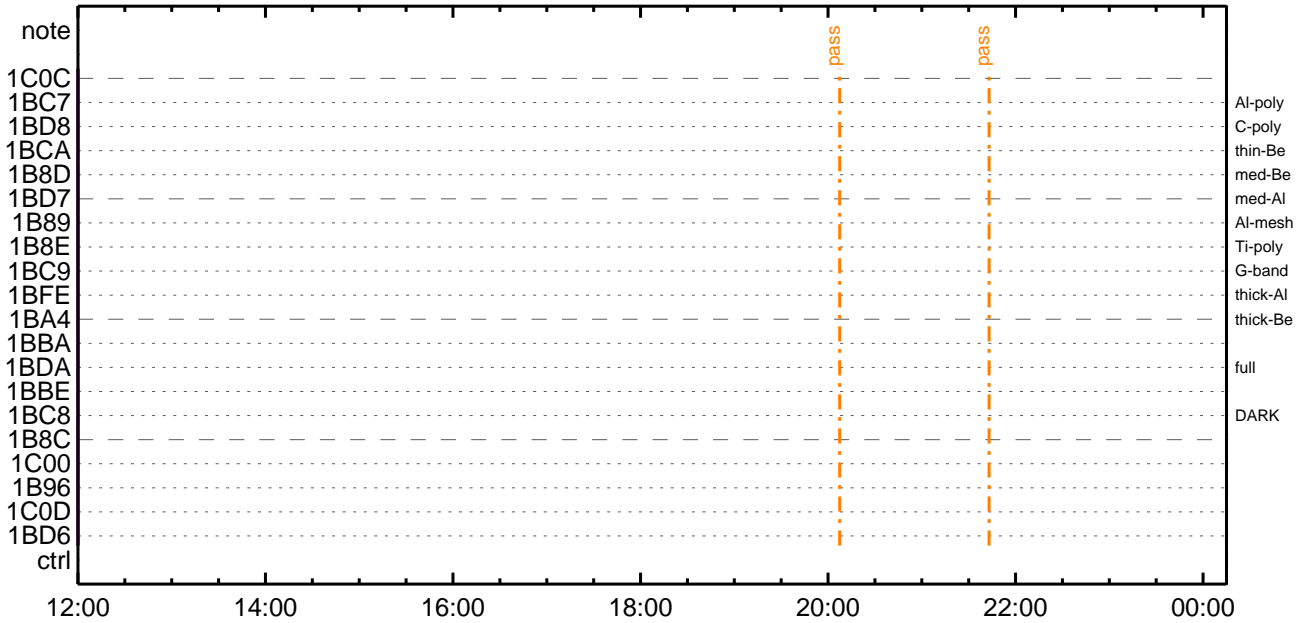
CMDI #0808 2018/10/08



CMDI #0808 2018/10/09



CMDI #0808 2018/10/09




```

0096 C.          0303; SET EDUMP 0100 0100 0303; E
0097 C.
0098 C. TI 2018-10-04 10:37:00.0
0099 +. TI 2018-10-04 10:37:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.          EQ      1COUNTUP
0102 C.
0103 +. TI 2018-10-04 10:37:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.          EQ      1COUNTUP
0106 C.
0107 +. TI 2018-10-04 10:37:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.          EQ      1COUNTUP
0110 C.
0111 +. TI 2018-10-04 10:41:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.          EQ      1COUNTUP
0114 C.
0115 C.          ENA
0116 C.          4
0117 C.          DHU
0118 C.          0xB3
0119 C.
0120 C.
0121 C. *****
0122 C. TI 0100 0100 0303
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.          EQ      07
0129 C.          EQ      2B
0130 C.          EQ      3
0131 C.          EQ      0
0132 C.          EQ      DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC (07 0b f8)
0135 C.          EQ      7
0136 C.          EQ      0.25 s
0137 C.          EQ      32k
0138 C.          EQ      4M
0139 C.          EQ      EXEC
0140 C.
0141 C.          EQ      NON
0142 C.
0143 C.
0144 C. RAM ID=TI_TBL 0100 0100 0303
0145 C.
0146 C. DHU 0100 0100 0303
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC (02 0a f8)
0149 C.          EQ      2
0150 C.          EQ      0.5S
0151 C.          EQ      32K
0152 C.          EQ      4M
0153 C.
0154 C. Stop EIS observation and temporarily disable EIS mode changes
0155 C.
0156 C.
0157 C. ***** Start EIS operation (TI set) *****
0158 C. Execute, after the success of OP upload.
0159 C. Set EIS TI-commands
0160 +. TI 2018-10-04 10:41:30.0
0161 DC 07-FC EIS_MODE_MANU
0162 BC (21 02)
0163 +. TI 2018-10-04 10:41:40.0
0164 DC 07-FC EIS_MODE_CHG_DIS
0165 BC (22)
0166 C.          [ ] [HK1_TI_CMD_NUM] EQ      2 COUNTUP
0167 C. ***** End EIS operation (TI set) *****
0168 C.
0169 C.
0170 C.
0171 C. ***** XRT START *****
0172 C. Execute, after the success of OP upload.
0173 +. TI 2018-10-04 10:41:00.0
0174 DC 07-F0 MDP_XRT_MODE_STBY
0175 BC (c3)
0176 C.          [ ] [HK1_TI_CMD_NUM] EQ      1COUNTUP
0177 C.
0178 C. ***** XRT END *****
0179 C.
0180 C. ***** MDP 0100 0100 0303 *****
0181 C. (% 0100 0100 0303)
0182 S. DC-BC dcbc-402:DCBC
0183 (MDP_known_event)
0184 C.
0185 C.
0186 C. ***** MDP 0100 0100 0303 *****
0187 S. DC-BC dcbc-153:DCBC
0188 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0189 C.
0190 C.
0191 C. ; aLOS 0100 0100 0303
0192 C.
0193 C. ***** LOS *****

```



```

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 25s
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 2018-10-04 10:41:50.0
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 `ÙÃîâî»ð¼ÝðÈÃðá¹æDCBC•×²è *****
0156  C. (¼ã°îYÓYAYEPYËYáYcYèæE¼¼¼¼¼»Û¹æ)
0157  . S. DC-BC dcbc-402:DCBC
0158  (MDP_known_event)
0159  C.
0160  C.
0161  . C. ***** YD¥¹•ï Daily±¿îÑðÈ´Ø¹æDCBC•×²è *****
0162  . S. DC-BC dcbc-153:DCBC
0163  (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0164  C.
0165  C.
0166  . C. ;ãLOS¥Á¥S¥ÃY¹¼Å»Û;ã
0167  C.
0168  . C. ***** LOS *****
0169  C.

```


*** OP Sequence for XRT ***

| | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----------------|--|--|
| 2018/10/04 | 10:51:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/10/04 | 10:51:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/10/04 | 10:51:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | |
| 2018/10/04 | 10:52:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | | | | | |
| | | AOCU_NM | 5 | 02-76 | 01 00 00 00 00 | | |
| 2018/10/04 | 10:52:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2018/10/04 | 10:52:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2018/10/04 | 10:52:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2018/10/04 | 10:52:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2018/10/04 | 10:52:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2018/10/04 | 10:54:00.5 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/10/04 | 10:54:02.5 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/10/04 | 10:54:04.5 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2018/10/04 | 10:54:06.5 | XRT_PREFLR_STRT_437_OG [0x1b5] | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2018/10/04 | 10:54:56.0 | XRT_QT_PROG_SET_443_OG [0x1bb] | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0b | | |
| 2018/10/04 | 10:54:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | |
| 2018/10/04 | 10:57:14.5 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2018/10/04 | 11:02:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2018/10/04 | 11:03:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2018/10/04 | 14:42:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/10/04 | 14:42:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/10/04 | 14:42:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2018/10/04 | 14:42:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2018/10/04 | 14:45:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2018/10/04 | 14:48:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2018/10/04 | 14:49:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2018/10/04 | 14:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/10/04 | 14:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/10/04 | 14:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | |
| 2018/10/04 | 15:00:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | | |
| 2018/10/04 | 15:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2018/10/04 | 15:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2018/10/04 | 15:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2018/10/04 | 15:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2018/10/04 | 15:00:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2018/10/04 | 15:02:56.0 | XRT_QT_PROG_SET_421_OG [0x1a5] | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09 | | |
| 2018/10/04 | 15:02:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | |
| 2018/10/04 | 15:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2018/10/04 | 16:15:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/10/04 | 16:15:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/10/04 | 16:15:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2018/10/04 | 16:15:06.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2018/10/04 | 16:18:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2018/10/04 | 16:38:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2018/10/04 | 16:39:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2018/10/04 | 17:51:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/10/04 | 17:51:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/10/04 | 17:51:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |

| | | | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2018/10/04 | 17:51:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/10/04 | 17:54:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/10/04 | 18:15:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/10/04 | 18:16:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/10/04 | 18:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/04 | 18:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/04 | 18:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2018/10/04 | 19:00:00.0 | AOCS_OrE-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2018/10/04 | 19:00:18.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2018/10/04 | 19:00:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2018/10/04 | 19:00:22.0 | XRT_ARS_DIS_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/10/04 | 19:02:58.0 | XRT_QT_PROG_SET_447_OG [0x1bf] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 14 | | | | |
| 2018/10/04 | 19:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/10/04 | 19:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/04 | 19:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/04 | 19:09:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2018/10/04 | 19:10:00.0 | AOCS_OrE-point_Start_4_OG [0x09a] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 03 00 00 00 00 | | | | |
| 2018/10/04 | 19:10:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2018/10/04 | 19:10:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2018/10/04 | 19:10:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2018/10/04 | 19:10:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/10/04 | 19:10:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/10/04 | 19:12:56.0 | XRT_QT_PROG_SET_444_OG [0x1bc] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 01 | | | | |
| 2018/10/04 | 19:12:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | | |
| 2018/10/04 | 19:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/10/04 | 19:28:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/04 | 19:28:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/04 | 19:28:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/10/04 | 19:28:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/10/04 | 19:31:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/10/04 | 19:52:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/10/04 | 19:53:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/10/04 | 21:05:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/04 | 21:05:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/04 | 21:05:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/10/04 | 21:05:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/10/04 | 21:08:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/10/04 | 21:29:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/10/04 | 21:30:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/10/04 | 22:43:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/04 | 22:43:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/04 | 22:43:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/10/04 | 22:43:06.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/10/04 | 22:46:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/10/04 | 22:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/04 | 22:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/04 | 22:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2018/10/04 | 23:00:00.0 | AOCS_OrE-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 01 00 00 00 00 | | | | |

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|------------|------------|-----------------------------------|---|-------|----------------|
| 2018/10/04 | 23:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2018/10/04 | 23:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2018/10/04 | 23:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2018/10/04 | 23:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2018/10/04 | 23:00:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/10/04 | 23:02:56.0 | XRT_QT_PROG_SET_443_OG [0x1bb] | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0b |
| 2018/10/04 | 23:02:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d |
| 2018/10/04 | 23:04:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2018/10/04 | 23:05:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/10/05 | 00:20:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/05 | 00:20:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/05 | 00:20:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/10/05 | 00:20:06.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/10/05 | 00:23:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/10/05 | 00:30:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2018/10/05 | 00:31:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/10/05 | 01:45:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/05 | 01:45:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/05 | 01:45:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/10/05 | 01:45:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/10/05 | 01:48:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/10/05 | 02:03:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2018/10/05 | 02:04:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/10/05 | 02:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/05 | 02:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/05 | 02:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2018/10/05 | 03:00:00.0 | AOCS_OrE-point_Start_3_OG [0x099] | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2018/10/05 | 03:00:18.0 | XRT_FLD_ENA_407_OG [0x197] | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2018/10/05 | 03:02:48.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2018/10/05 | 03:02:50.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2018/10/05 | 03:02:52.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2018/10/05 | 03:02:54.0 | XRT_FLD_RESET_420_OG [0x1a4] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/10/05 | 03:02:56.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 04 |
| 2018/10/05 | 03:02:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d |
| 2018/10/05 | 03:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/10/05 | 03:19:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/05 | 03:19:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/05 | 03:19:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/10/05 | 03:19:06.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/10/05 | 03:22:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/10/05 | 03:39:30.5 | XRT_Custom_430_OG [0x1ae] | | | |
| 2018/10/05 | 03:40:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/10/05 | 04:48:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/05 | 04:48:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/05 | 04:48:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/10/05 | 04:48:06.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/10/05 | 04:51:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/10/05 | 05:17:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2018/10/05 | 05:18:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|
| 2018/10/05 | 05:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/05 | 05:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/05 | 05:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2018/10/05 | 06:00:00.0 | AOCS_OrE-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2018/10/05 | 06:00:18.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2018/10/05 | 06:00:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2018/10/05 | 06:00:22.0 | XRT_ARS_DIS_414_OG [0x19e] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2018/10/05 | 06:02:58.0 | XRT_QT_PROG_SET_447_OG [0x1bf] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 14 |
| 2018/10/05 | 06:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/10/05 | 06:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/05 | 06:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/05 | 06:09:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2018/10/05 | 06:10:00.0 | AOCS_OrE-point_Start_1_OG [0x097] | AOCU_NM | 5 | 02-76 | 01 00 00 00 00 |
| 2018/10/05 | 06:10:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2018/10/05 | 06:10:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2018/10/05 | 06:10:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2018/10/05 | 06:10:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2018/10/05 | 06:10:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/10/05 | 06:12:56.0 | XRT_QT_PROG_SET_443_OG [0x1bb] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0b |
| 2018/10/05 | 06:12:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d |
| 2018/10/05 | 06:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/10/05 | 06:28:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/05 | 06:28:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/05 | 06:28:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/10/05 | 06:28:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/10/05 | 06:31:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/10/05 | 06:54:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2018/10/05 | 06:55:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/10/05 | 08:09:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/05 | 08:09:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/05 | 08:09:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/10/05 | 08:09:06.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/10/05 | 08:12:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/10/05 | 08:31:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2018/10/05 | 08:32:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/10/05 | 09:48:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/05 | 09:48:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/05 | 09:48:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/10/05 | 09:48:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/10/05 | 09:51:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/10/05 | 10:06:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2018/10/05 | 10:07:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/10/05 | 14:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/05 | 14:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/05 | 14:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2018/10/05 | 15:00:00.0 | AOCS_OrE-point_Start_5_OG [0x09b] | AOCU_NM | 5 | 02-76 | 04 00 00 00 00 |
| 2018/10/05 | 15:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2018/10/05 | 15:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |

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|------------|------------|-----------------------------------|---------------------|---|-------|----|-------------|
| 2018/10/05 | 15:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2018/10/05 | 15:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2018/10/05 | 15:00:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/10/05 | 15:02:56.0 | XRT_QT_PROG_SET_443_OG [0x1bb] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0b |
| 2018/10/05 | 15:02:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d |
| 2018/10/05 | 15:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/10/05 | 15:14:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/05 | 15:14:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/05 | 15:14:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/10/05 | 15:14:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2018/10/05 | 15:17:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2018/10/05 | 15:26:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2018/10/05 | 15:27:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/10/05 | 16:49:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/05 | 16:49:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/05 | 16:49:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/10/05 | 16:49:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2018/10/05 | 16:52:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2018/10/05 | 17:13:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2018/10/05 | 17:14:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/10/05 | 18:26:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/05 | 18:26:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/05 | 18:26:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/10/05 | 18:26:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2018/10/05 | 18:29:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2018/10/05 | 18:50:00.5 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2018/10/05 | 18:51:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/10/05 | 18:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/05 | 18:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/05 | 18:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff aa 00 |
| 2018/10/05 | 19:00:00.0 | AOCS_Ore-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 00 | 00 00 00 00 |
| 2018/10/05 | 19:00:18.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2018/10/05 | 19:00:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2018/10/05 | 19:00:22.0 | XRT_ARS_DIS_414_OG [0x19e] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2018/10/05 | 19:02:58.0 | XRT_QT_PROG_SET_447_OG [0x1bf] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 14 |
| 2018/10/05 | 19:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/10/05 | 19:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/05 | 19:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/10/05 | 19:09:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff aa 00 |
| 2018/10/05 | 19:10:00.0 | AOCS_Ore-point_Start_6_OG [0x09c] | AOCU_NM | 5 | 02-76 | 00 | b0 00 00 00 |
| 2018/10/05 | 19:10:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2018/10/05 | 19:10:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2018/10/05 | 19:10:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2018/10/05 | 19:10:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2018/10/05 | 19:10:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/10/05 | 19:12:56.0 | XRT_QT_PROG_SET_444_OG [0x1bc] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 01 |
| 2018/10/05 | 19:12:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d |
| 2018/10/05 | 19:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|--|
| 2018/10/05 | 20:03:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/10/05 | 20:03:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/10/05 | 20:03:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2018/10/05 | 20:03:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2018/10/05 | 20:06:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2018/10/05 | 20:26:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2018/10/05 | 20:27:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2018/10/05 | 21:40:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/10/05 | 21:40:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/10/05 | 21:40:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2018/10/05 | 21:40:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2018/10/05 | 21:43:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2018/10/05 | 22:03:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2018/10/05 | 22:04:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2018/10/05 | 23:18:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/10/05 | 23:18:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/10/05 | 23:18:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2018/10/05 | 23:18:06.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2018/10/05 | 23:21:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2018/10/05 | 23:38:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2018/10/05 | 23:39:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2018/10/05 | 23:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/10/05 | 23:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/10/05 | 23:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | |
| 2018/10/06 | 00:00:00.0 | AOCS_OrE-point_Start_7_OG [0x09d] | AOCU_NM | 5 | 02-76 | 00 12 4d af 1b | | |
| 2018/10/06 | 00:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2018/10/06 | 00:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2018/10/06 | 00:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2018/10/06 | 00:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2018/10/06 | 00:00:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2018/10/06 | 00:02:56.0 | XRT_QT_PROG_SET_434_OG [0x1b2] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0a | | |
| 2018/10/06 | 00:02:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | |
| 2018/10/06 | 00:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2018/10/06 | 00:55:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/10/06 | 00:55:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/10/06 | 00:55:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2018/10/06 | 00:55:06.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2018/10/06 | 00:58:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2018/10/06 | 01:02:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2018/10/06 | 01:03:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2018/10/06 | 02:18:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/10/06 | 02:18:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/10/06 | 02:18:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2018/10/06 | 02:18:06.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2018/10/06 | 02:21:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2018/10/06 | 02:37:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2018/10/06 | 02:38:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2018/10/06 | 03:53:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/10/06 | 03:53:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |

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|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2018/10/06 | 03:53:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/10/06 | 03:53:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/10/06 | 03:56:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/10/06 | 04:14:30.5 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/10/06 | 04:15:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/10/06 | 05:24:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/06 | 05:24:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/06 | 05:24:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/10/06 | 05:24:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/10/06 | 05:27:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/10/06 | 05:52:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/10/06 | 05:53:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/10/06 | 06:01:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/06 | 06:01:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/06 | 06:01:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2018/10/06 | 06:01:30.0 | AOCS_OrE-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2018/10/06 | 06:01:48.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2018/10/06 | 06:01:50.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2018/10/06 | 06:01:52.0 | XRT_ARS_DIS_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/10/06 | 06:04:28.0 | XRT_QT_PROG_SET_447_OG [0x1bf] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 14 | | | | |
| 2018/10/06 | 06:04:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/10/06 | 06:11:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/06 | 06:11:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/06 | 06:11:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2018/10/06 | 06:11:30.0 | AOCS_OrE-point_Start_7_OG [0x09d] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 12 4d af 1b | | | | |
| 2018/10/06 | 06:11:48.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2018/10/06 | 06:11:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2018/10/06 | 06:11:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2018/10/06 | 06:11:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/10/06 | 06:11:56.0 | XRT_FLD_RESET_432_OG [0x1b0] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/10/06 | 06:14:26.0 | XRT_QT_PROG_SET_443_OG [0x1bb] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0b | | | | |
| 2018/10/06 | 06:14:28.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | | |
| 2018/10/06 | 06:14:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/10/06 | 07:04:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/06 | 07:04:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/06 | 07:04:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/10/06 | 07:04:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/10/06 | 07:07:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/10/06 | 07:29:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/10/06 | 07:30:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/10/06 | 08:44:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/06 | 08:44:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/06 | 08:44:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/10/06 | 08:44:36.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/10/06 | 08:47:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/10/06 | 09:06:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/10/06 | 09:07:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/10/06 | 10:25:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/10/06 | 10:25:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|
| 2018/10/06 | 10:25:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/06 | 10:25:06.0 | XRT_PREFLR_STRT_437_OG [0x1b5] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/10/06 | 10:28:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/10/06 | 10:39:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/10/06 | 10:40:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/10/06 | 11:11:00.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/10/06 | 11:31:00.0 | AOCS_ORe-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |