

XRT Timeline to be uploaded on 2018/11/27

Period: 2018/11/27 10:49:00 - 2018/12/05 09:32:00

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Normal mode

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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 |
|---------------------------------|------------------------|------------------------------|
| 11/27 11:02:00 - 11/27 11:14:54 | Fixed (936.0, 0.0) | # OP start + 10min, HOP130 1 |
| 11/27 11:18:00 - 11/27 11:30:54 | Fixed (468.0, 0.0) | HOP130 2 |
| 11/27 11:34:00 - 11/27 11:46:54 | Fixed (0.0, 0.0) | HOP130 3 |
| 11/27 11:50:00 - 11/27 12:02:54 | Fixed (-468.0, 0.0) | HOP130 4 |
| 11/27 12:06:00 - 11/27 12:18:54 | Fixed (-936.0, 0.0) | HOP130 5 |
| 11/27 12:22:00 - 11/27 12:28:54 | Fixed (815.0, 470.0) | HOP130 6 |
| 11/27 12:32:00 - 11/27 12:44:54 | Fixed (411.0, 847.0) | HOP130 7 |
| 11/27 12:48:00 - 11/27 13:00:54 | Fixed (0.0, 941.0) | HOP130 8 |
| 11/27 13:04:00 - 11/27 13:16:54 | Fixed (-411.0, 847.0) | HOP130 9 |
| 11/27 13:20:00 - 11/27 13:26:54 | Fixed (-815.0, 470.0) | HOP130 10 |
| 11/27 13:30:00 - 11/27 13:36:54 | Fixed (815.0, -470.0) | HOP130 11 |
| 11/27 13:40:00 - 11/27 13:52:54 | Fixed (411.0, -847.0) | HOP130 12 |
| 11/27 13:56:00 - 11/27 14:08:54 | Fixed (0.0, -941.0) | HOP130 13 |
| 11/27 14:12:00 - 11/27 14:24:54 | Fixed (-411.0, -847.0) | HOP130 14 |
| 11/27 14:28:00 - 11/27 14:34:54 | Fixed (-815.0, -471.0) | HOP130 15 |

PROG= 14 Inf.-time(s)

| Subr= | 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 | 10-time(s) | 360.0sec | | | | | | | | | | | |
| 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 #1BDE: 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 |
|---------------------------------|---------------------------------------|----------|
| 11/27 14:42:00 - 11/27 17:58:54 | Track (562.3, 36.1) @ 11/27 14:35:00 | AR 12728 |
| 11/27 18:17:00 - 11/28 06:05:24 | Track (589.6, 36.8) @ 11/27 18:10:00 | AR 12728 |
| 11/28 06:22:30 - 11/28 17:52:54 | Track (676.1, 39.3) @ 11/28 06:15:30 | AR 12728 |
| 11/28 18:10:00 - 11/29 05:36:54 | Track (751.4, 41.8) @ 11/28 18:03:00 | AR 12728 |
| 11/29 05:54:00 - 11/29 17:38:54 | Track (816.5, 44.2) @ 11/29 05:47:00 | AR 12728 |

PROG= 01 Inf.-time(s)

| Subr= | 1-time(s) | 2.0sec | | | | | | | | | | | |
|----------|----------------|----------------|-------|------|-------|-------|-----|-----|----------------------|-------|------------|----------|--------|
| Seqn= 92 | 1-time(s) | 2.0sec | | | | | | | | | | | |
| | Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1064, 1048) | DPCM | 0 | 0 | 2.0sec |
| | Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1064, 1048) | DPCM | 0 | 0 | 2.0sec |
| | Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 16.0s | Obs | 1x1 | 384x384 (1064, 1048) | Q=98 | 0 | 0 | 2.0sec |
| 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) | 72.0sec | | | | | | | | | | | |
| | 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 |
|---------------------------------|--|-----------------------------|
| 11/27 18:06:30 - 11/27 18:09:54 | Fixed (0.0, 0.0) | synoptic |
| 11/28 17:56:00 - 11/28 18:02:54 | Fixed (0.0, 0.0) | synoptic, shifted -7.0 min |
| 11/29 05:40:00 - 11/29 05:46:54 | Fixed (0.0, 0.0) | synoptic, shifted -23.0 min |
| 11/29 17:42:00 - 11/29 17:48:54 | Fixed (0.0, 0.0) | synoptic, shifted -21.0 min |
| 11/30 05:59:30 - 11/30 06:06:24 | Fixed (0.0, 0.0) | synoptic, shifted -3.5 min |
| 11/30 18:03:00 - 11/30 18:09:54 | Fixed (0.0, 0.0) | synoptic |
| 12/01 06:16:00 - 12/01 06:22:54 | Fixed (0.0, 0.0) | synoptic, shifted 13.0 min |
| 12/01 18:03:00 - 12/01 18:09:54 | Fixed (0.0, 0.0) | synoptic |
| 12/02 05:47:30 - 12/02 06:12:00 | Fixed (0.0, 0.0) | synoptic, shifted -15.5 min |
| 12/02 06:39:30 - 12/02 07:52:00 | Fixed (938.0, 53.0) | AR 12728 at the limb |
| 12/02 21:49:00 - 12/03 05:07:30 | Track (-77.3, -34.5) @ 12/02 17:56:30 | QS disk center |

| 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 |
| 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 #1C13: Synoptic 7 Filter w/ Al-mesh(512/2048/4096), Al-poly(512/4096/8192), Thin-Be(3897/16384/32768) - Thick-Be(65536), Al-poly+Ti-poly(4096/23142)

| Term | Pointing (x, y) | Comment |
|---------------------------------|-------------------|---------------------------|
| 11/28 06:08:30 - 11/28 06:15:24 | Fixed (0.0, 0.0) | synoptic, shifted 5.5 min |

| PROG= 10 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 |
| 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) 4.0sec | | | | | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 2048x2048 | (1024, 1024) | Q=90 | 0 | 0 | 2.0sec |
| Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 2048x2048 | (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Subr= 2 1-time(s) 2.0sec | | | | | | | | | | | | | |
| Seqn= 46 1-time(s) 2.0sec | | | | | | | | | | | | | |
| Open/thick-Be | Open/thick-Be | close | Safe | Norm | 64.0s | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Seqn= 17 1-time(s) 2.0sec | | | | | | | | | | | | | |
| med-Al/Open | med-Al/Open | close | Safe | Norm | 5.66s | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| med-Al/Open | med-Al/Open | close | Safe | Norm | 64.0s | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Seqn= 97 1-time(s) 2.0sec | | | | | | | | | | | | | |
| Al-poly/Ti-poly | Al-poly/thick-Al | close | Safe | Norm | 4.00s | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Al-poly/Ti-poly | Al-poly/thick-Al | close | Safe | Norm | 22.6s | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | | |

XOB #1BB9: AR - Standard Core - (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Al/poly context, with

| Term | Pointing (x, y) | Comment |
|---------------------------------|---------------------------------------|----------------------|
| 11/29 17:56:00 - 11/30 05:56:24 | Track (872.2, 46.6) @ 11/29 17:49:00 | AR 12728 |
| 11/30 06:13:30 - 11/30 17:59:54 | Track (916.9, 49.0) @ 11/30 06:06:30 | AR 12728 |
| 11/30 18:17:00 - 12/01 06:12:54 | Fixed (938.0, 53.0) | AR 12728 at the limb |
| 12/01 06:30:00 - 12/01 17:35:30 | Fixed (938.0, 53.0) | AR 12728 at the limb |
| 12/01 18:17:00 - 12/02 05:44:24 | Fixed (938.0, 53.0) | AR 12728 at the limb |

| PROG= 16 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 | | | | | | | | | | | | | |

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

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Flare mode

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XOB #1B8E: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Al/thick), AEC 3(thin-Be AEC2), 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512

| Term | Pointing (x, y) | Comment |
|---------------------------------|---------------------------------------|------------------------------|
| 11/27 11:02:00 - 11/27 11:14:54 | Fixed (936.0, 0.0) | # OP start + 10min, HOP130 1 |
| 11/27 11:18:00 - 11/27 11:30:54 | Fixed (468.0, 0.0) | HOP130 2 |
| 11/27 11:34:00 - 11/27 11:46:54 | Fixed (0.0, 0.0) | HOP130 3 |
| 11/27 11:50:00 - 11/27 12:02:54 | Fixed (-468.0, 0.0) | HOP130 4 |
| 11/27 12:06:00 - 11/27 12:18:54 | Fixed (-936.0, 0.0) | HOP130 5 |
| 11/27 12:22:00 - 11/27 12:28:54 | Fixed (815.0, 470.0) | HOP130 6 |
| 11/27 12:32:00 - 11/27 12:44:54 | Fixed (411.0, 847.0) | HOP130 7 |
| 11/27 12:48:00 - 11/27 13:00:54 | Fixed (0.0, 941.0) | HOP130 8 |
| 11/27 13:04:00 - 11/27 13:16:54 | Fixed (-411.0, 847.0) | HOP130 9 |
| 11/27 13:20:00 - 11/27 13:26:54 | Fixed (-815.0, 470.0) | HOP130 10 |
| 11/27 13:30:00 - 11/27 13:36:54 | Fixed (815.0, -470.0) | HOP130 11 |
| 11/27 13:40:00 - 11/27 13:52:54 | Fixed (411.0, -847.0) | HOP130 12 |
| 11/27 13:56:00 - 11/27 14:08:54 | Fixed (0.0, -941.0) | HOP130 13 |
| 11/27 14:12:00 - 11/27 14:24:54 | Fixed (-411.0, -847.0) | HOP130 14 |
| 11/27 14:28:00 - 11/27 14:34:54 | Fixed (-815.0, -471.0) | HOP130 15 |
| 11/27 14:42:00 - 11/27 17:58:54 | Track (562.3, 36.1) @ 11/27 14:35:00 | AR 12728 |
| 11/27 18:17:00 - 11/28 06:05:24 | Track (589.6, 36.8) @ 11/27 18:10:00 | AR 12728 |
| 11/28 06:22:30 - 11/28 17:52:54 | Track (676.1, 39.3) @ 11/28 06:15:30 | AR 12728 |
| 11/28 18:10:00 - 11/29 05:36:54 | Track (751.4, 41.8) @ 11/28 18:03:00 | AR 12728 |
| 11/29 05:54:00 - 11/29 17:38:54 | Track (816.5, 44.2) @ 11/29 05:47:00 | AR 12728 |
| 11/29 17:56:00 - 11/30 05:56:24 | Track (872.2, 46.6) @ 11/29 17:49:00 | AR 12728 |
| 11/30 06:13:30 - 11/30 17:59:54 | Track (916.9, 49.0) @ 11/30 06:06:30 | AR 12728 |
| 11/30 18:17:00 - 12/01 06:12:54 | Fixed (938.0, 53.0) | AR 12728 at the limb |
| 12/01 06:30:00 - 12/01 17:35:30 | Fixed (938.0, 53.0) | AR 12728 at the limb |
| 12/01 18:17:00 - 12/02 05:44:24 | Fixed (938.0, 53.0) | AR 12728 at the limb |

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

* * * * *

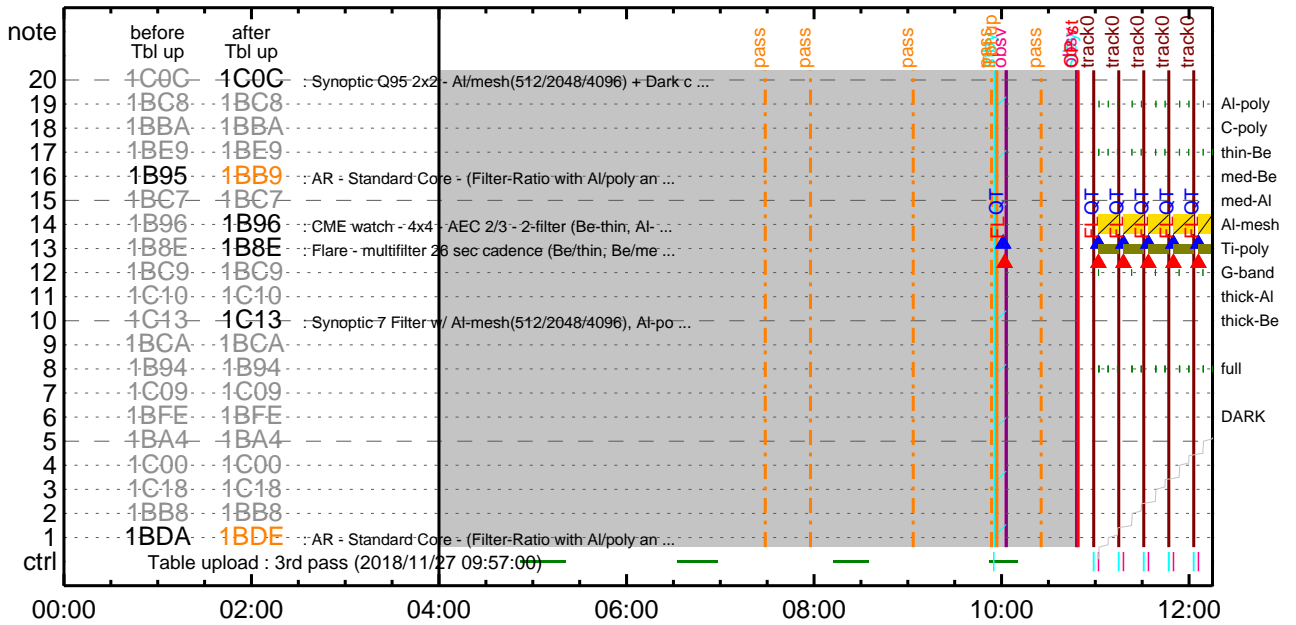
FLD Patrol

| Term | Pointing (x, y) | Comment |
|---------------------------------|---------------------------------------|----------------------|
| 11/27 18:14:18 - 11/28 06:05:48 | Track (589.6, 36.8) @ 11/27 18:10:00 | AR 12728 |
| 11/28 06:19:48 - 11/28 17:53:18 | Track (676.1, 39.3) @ 11/28 06:15:30 | AR 12728 |
| 11/28 18:07:18 - 11/29 05:37:18 | Track (751.4, 41.8) @ 11/28 18:03:00 | AR 12728 |
| 11/29 05:51:18 - 11/29 17:39:18 | Track (816.5, 44.2) @ 11/29 05:47:00 | AR 12728 |
| 11/29 17:53:18 - 11/30 05:56:48 | Track (872.2, 46.6) @ 11/29 17:49:00 | AR 12728 |
| 11/30 06:10:48 - 11/30 18:00:18 | Track (916.9, 49.0) @ 11/30 06:06:30 | AR 12728 |
| 11/30 18:14:18 - 12/01 06:13:18 | Fixed (938.0, 53.0) | AR 12728 at the limb |

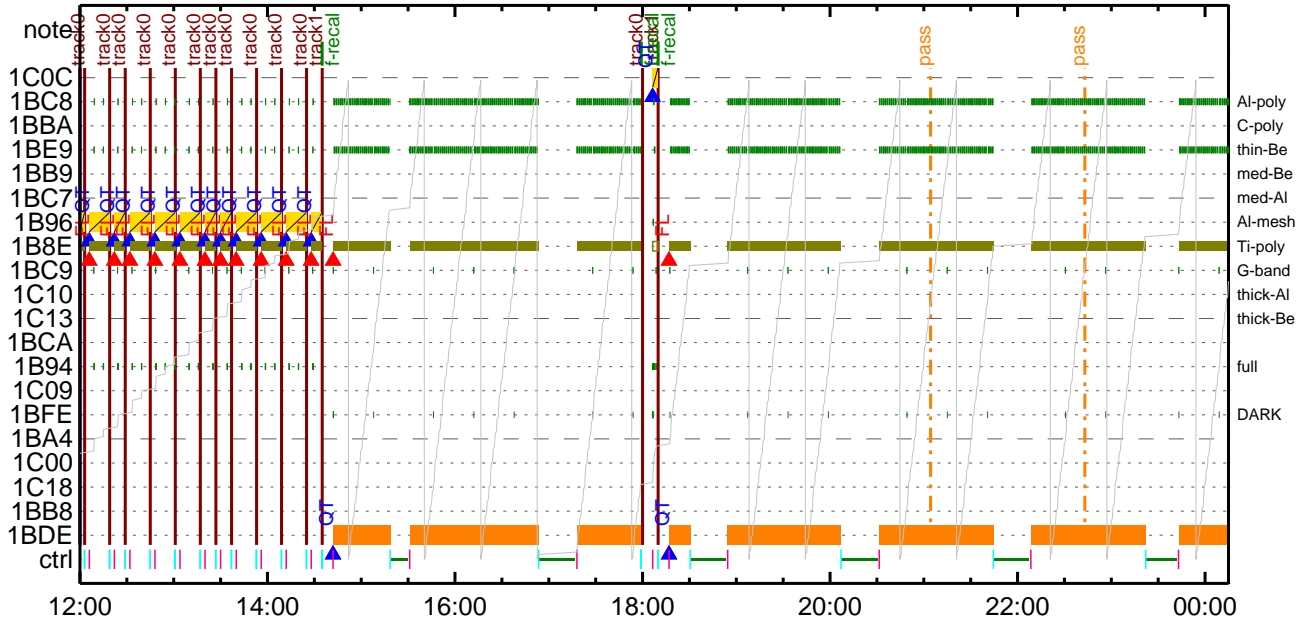
12/01 06:27:18 - 12/01 18:00:18 Fixed (938.0, 53.0) AR 12728 at the limb
12/01 18:14:18 - 12/02 05:44:48 Fixed (938.0, 53.0) AR 12728 at the limb

| | | | | | | | | | | |
|----------------|----------------|-------|------|-------|------|-----|-----|--------------------|-------|---------------------|
| 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 |

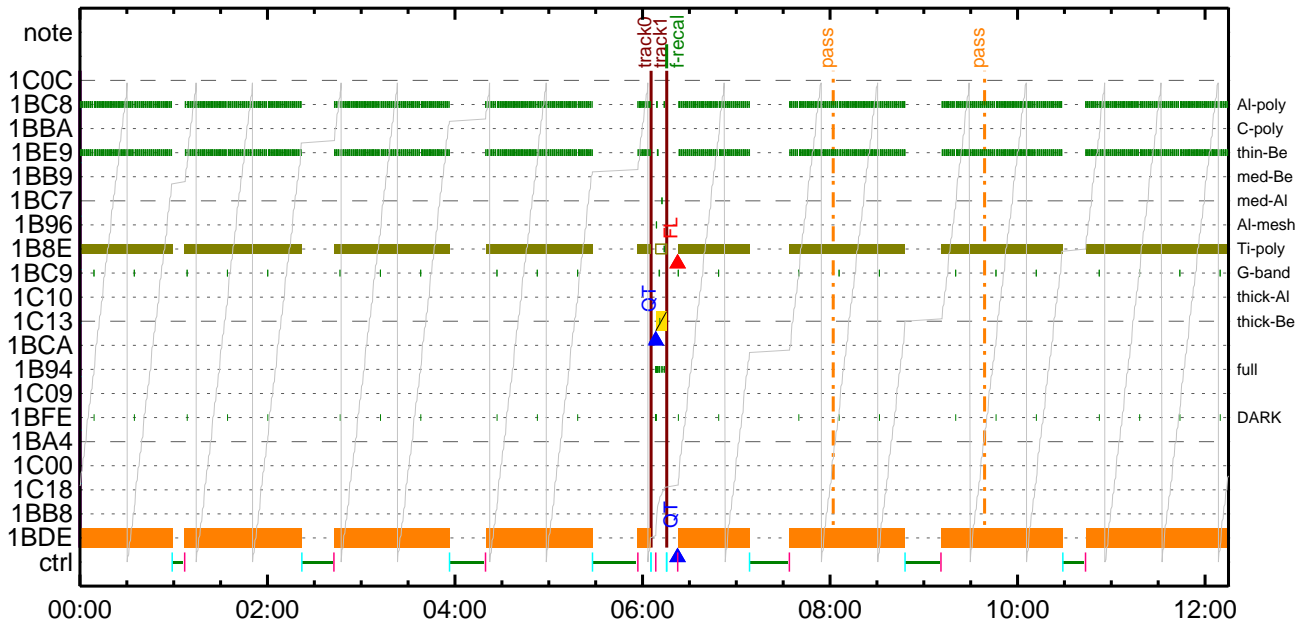
CMDI #0918 2018/11/27



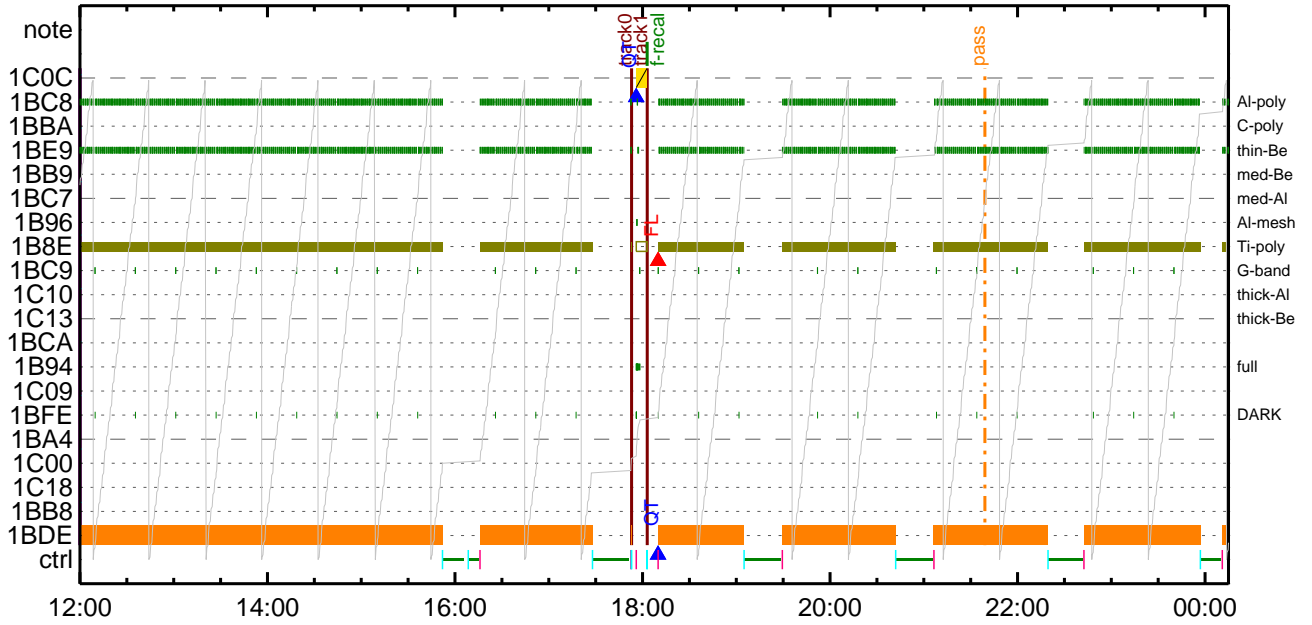
CMDI #0918 2018/11/27



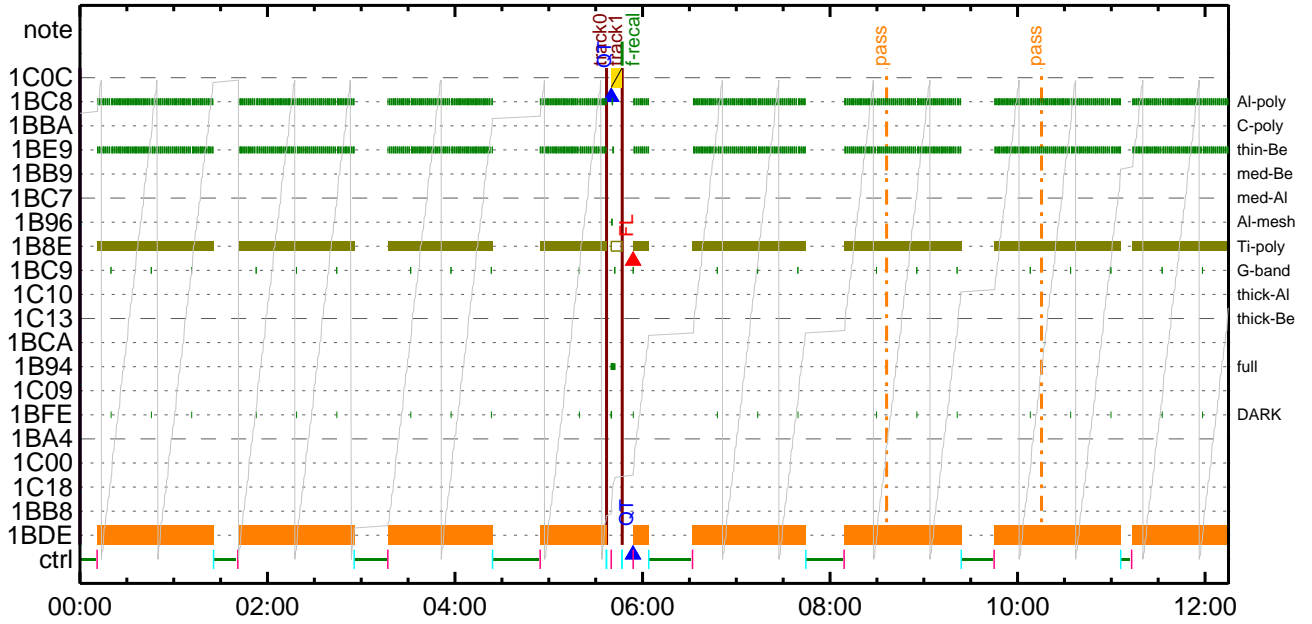
CMDI #0918 2018/11/28



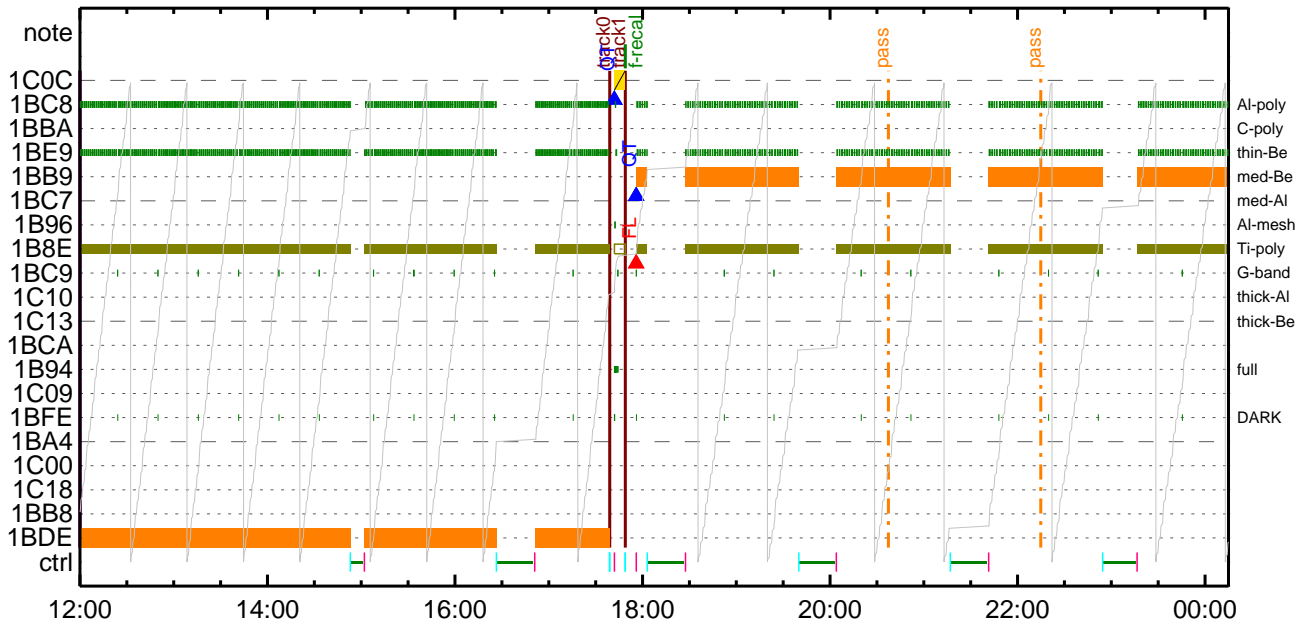
CMDI #0918 2018/11/28



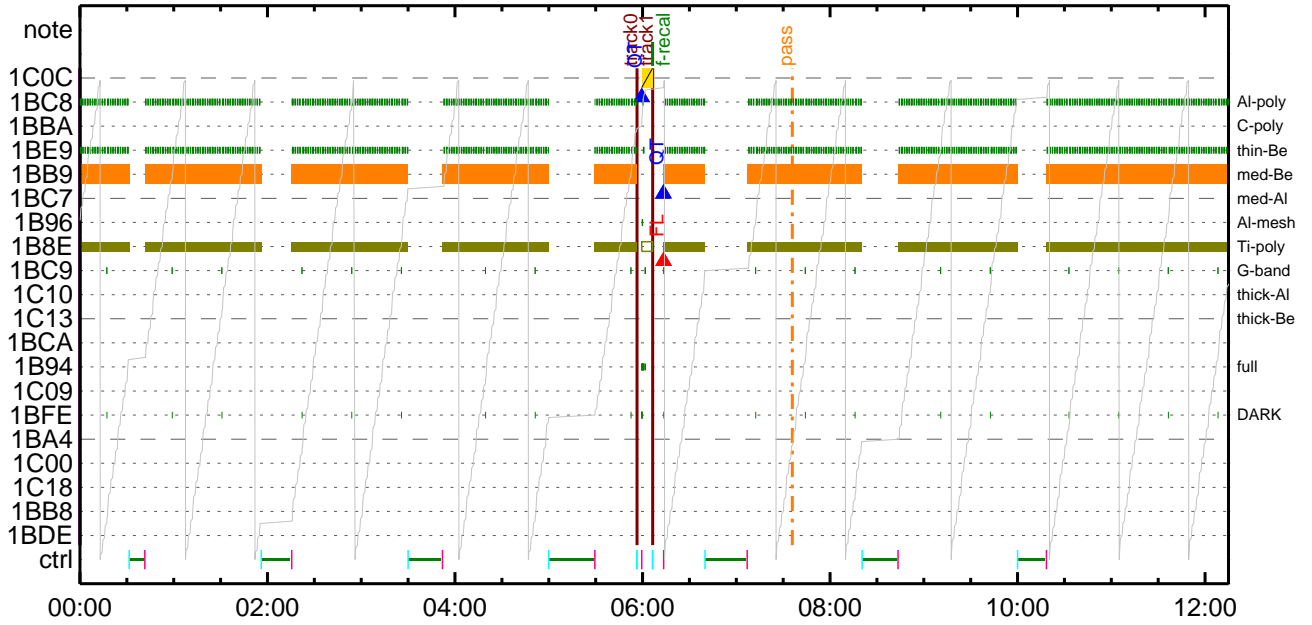
CMDI #0918 2018/11/29



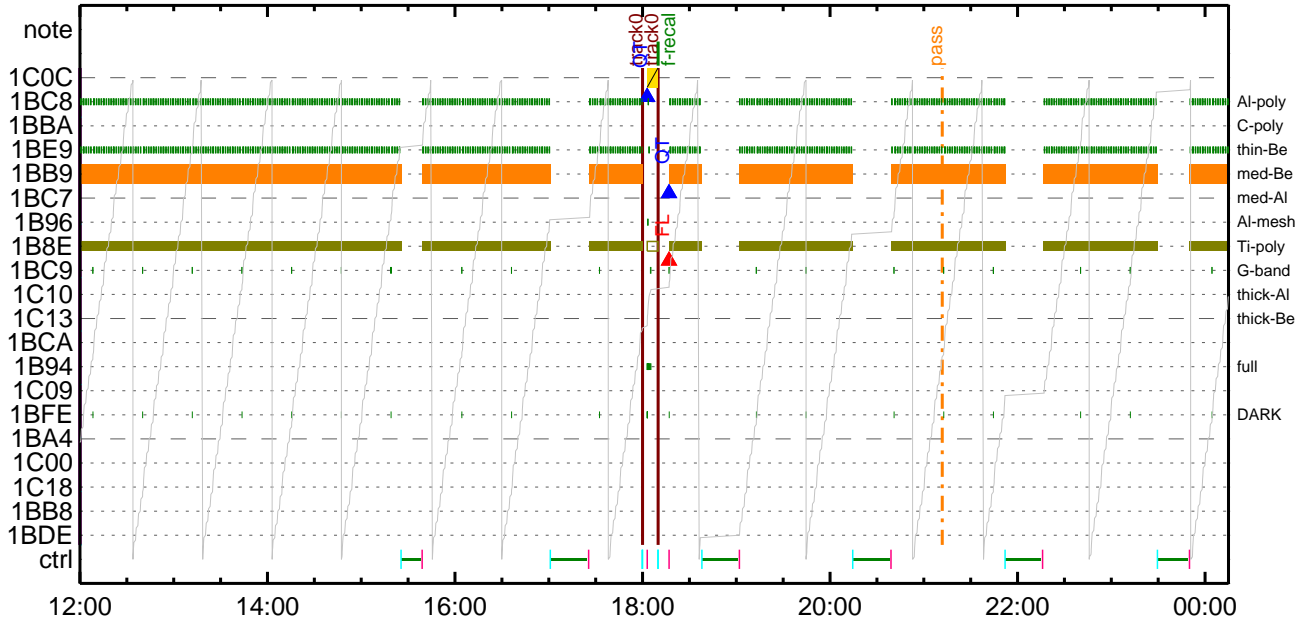
CMDI #0918 2018/11/29



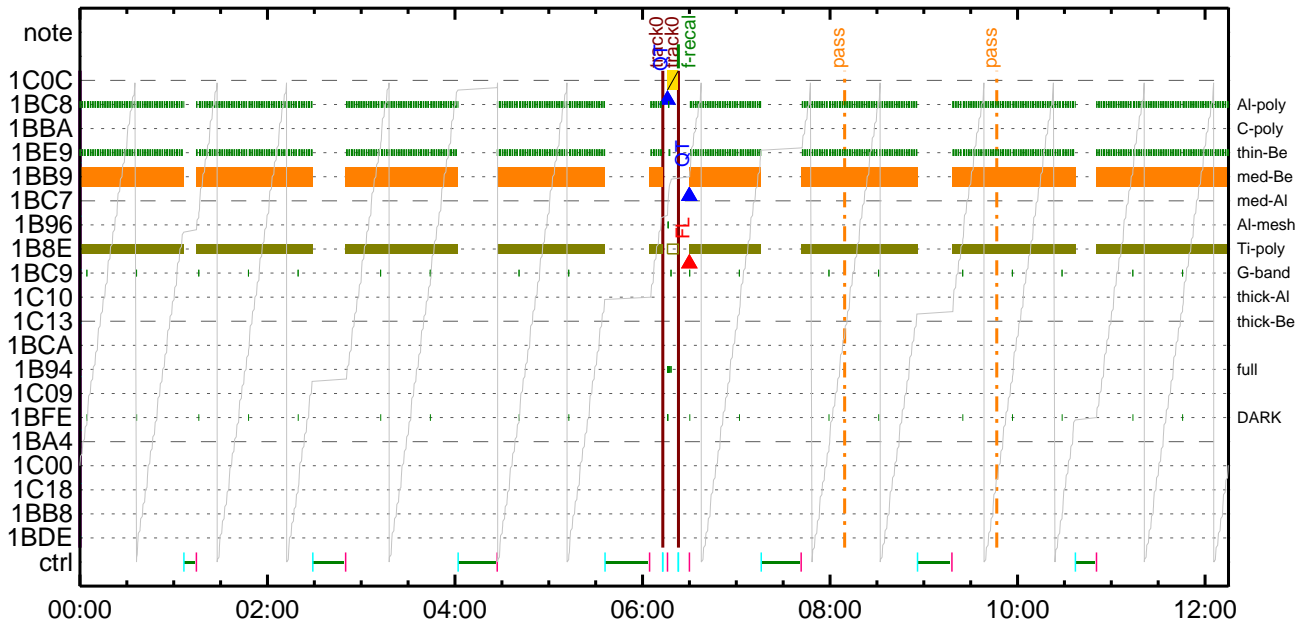
CMDI #0918 2018/11/30



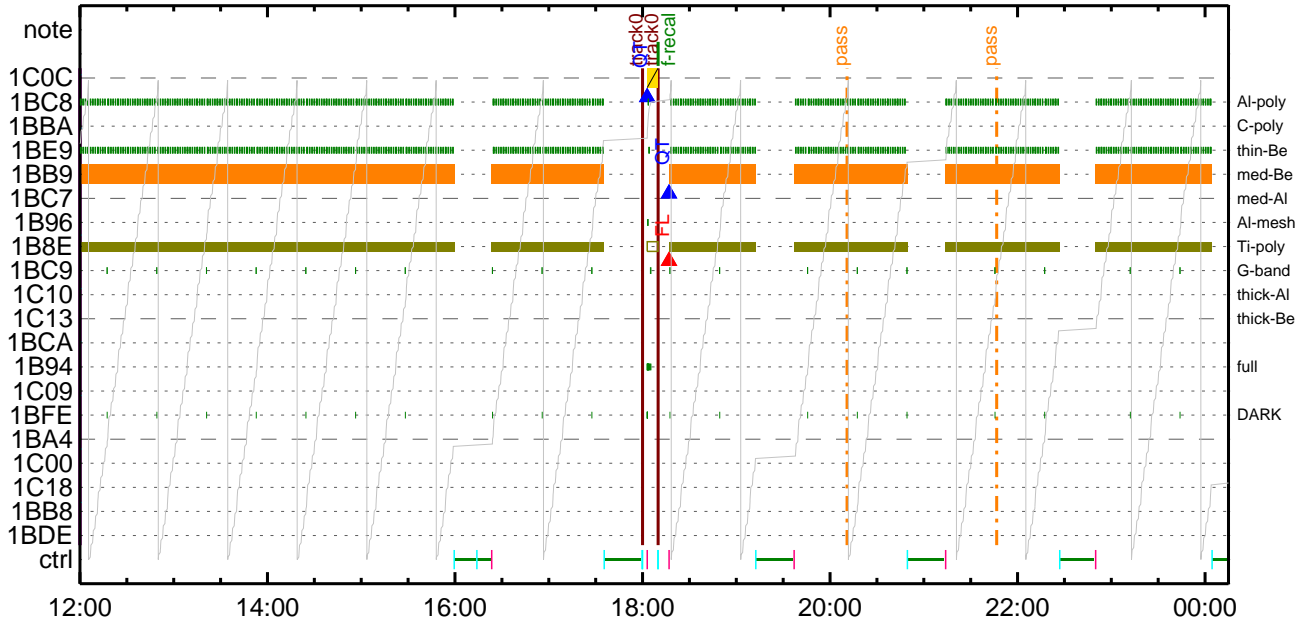
CMDI #0918 2018/11/30



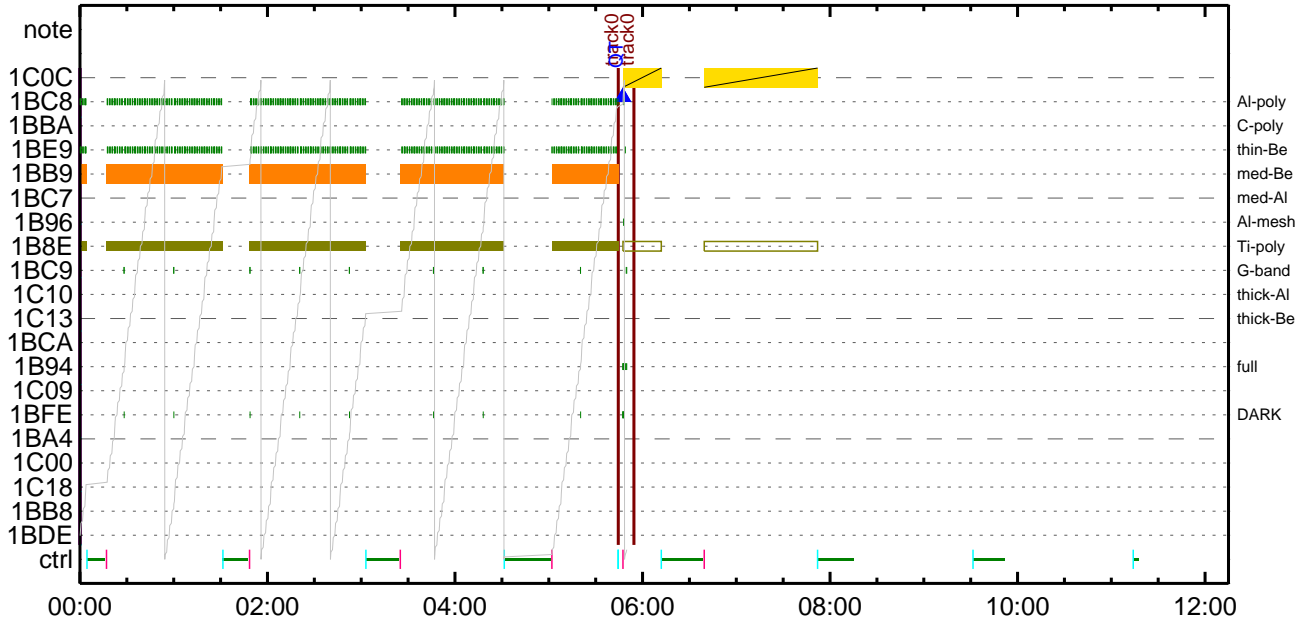
CMDI #0918 2018/12/01



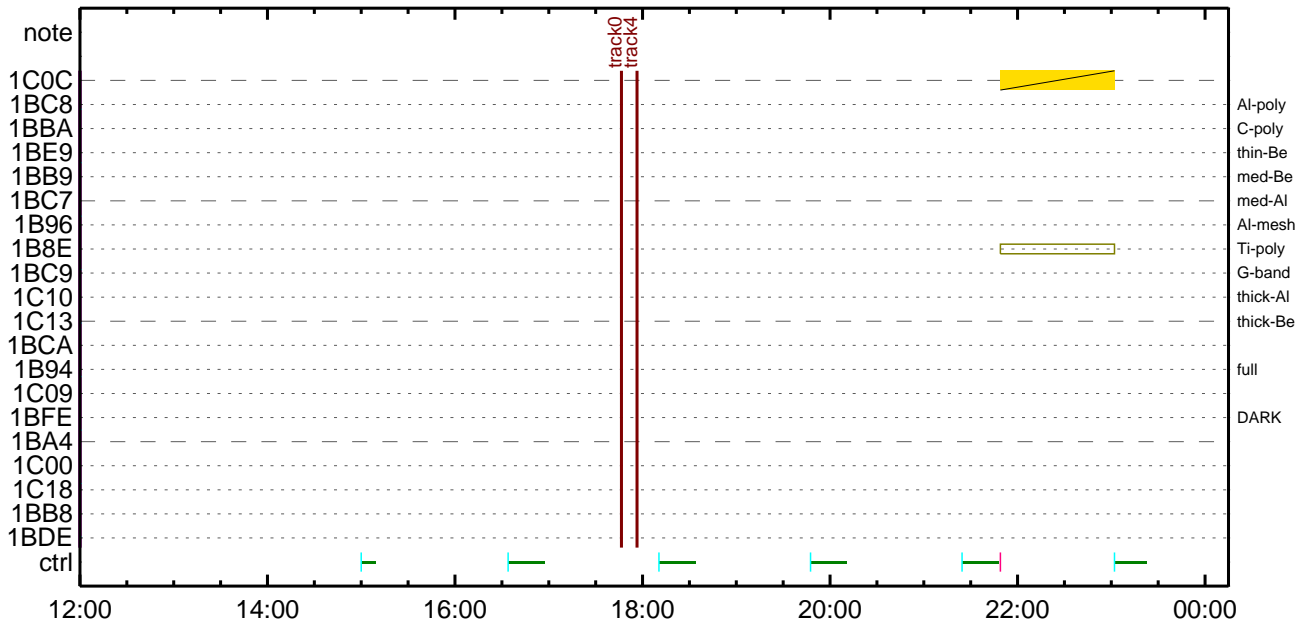
CMDI #0918 2018/12/01



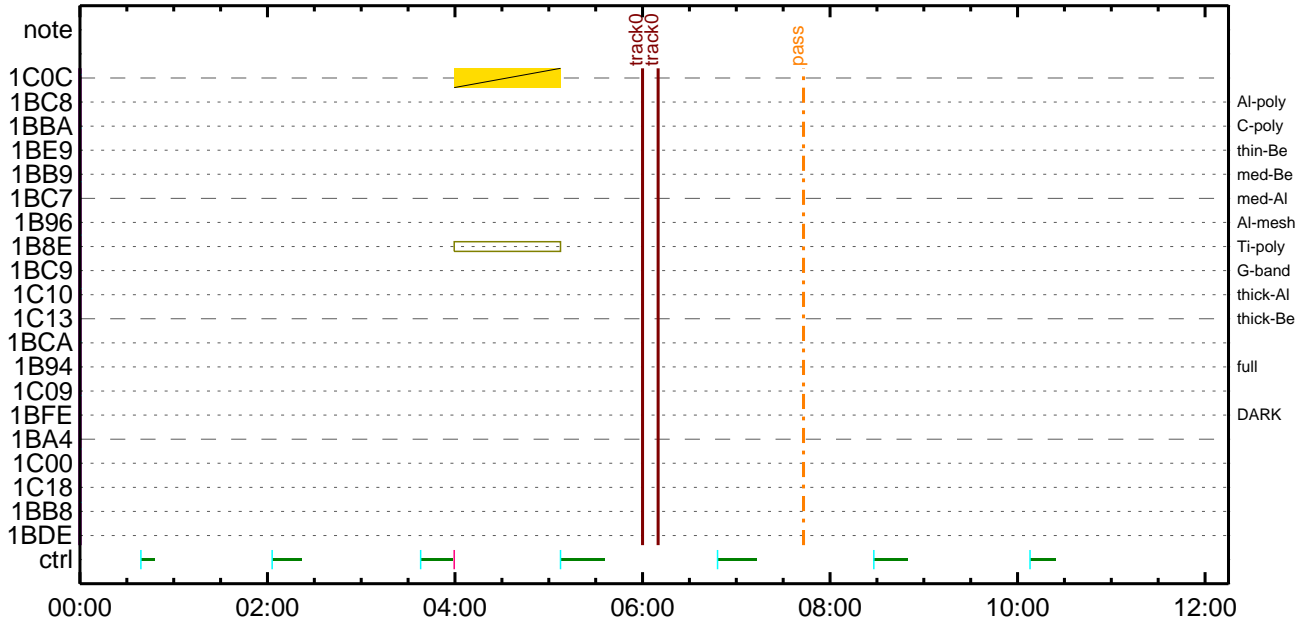
CMDI #0918 2018/12/02



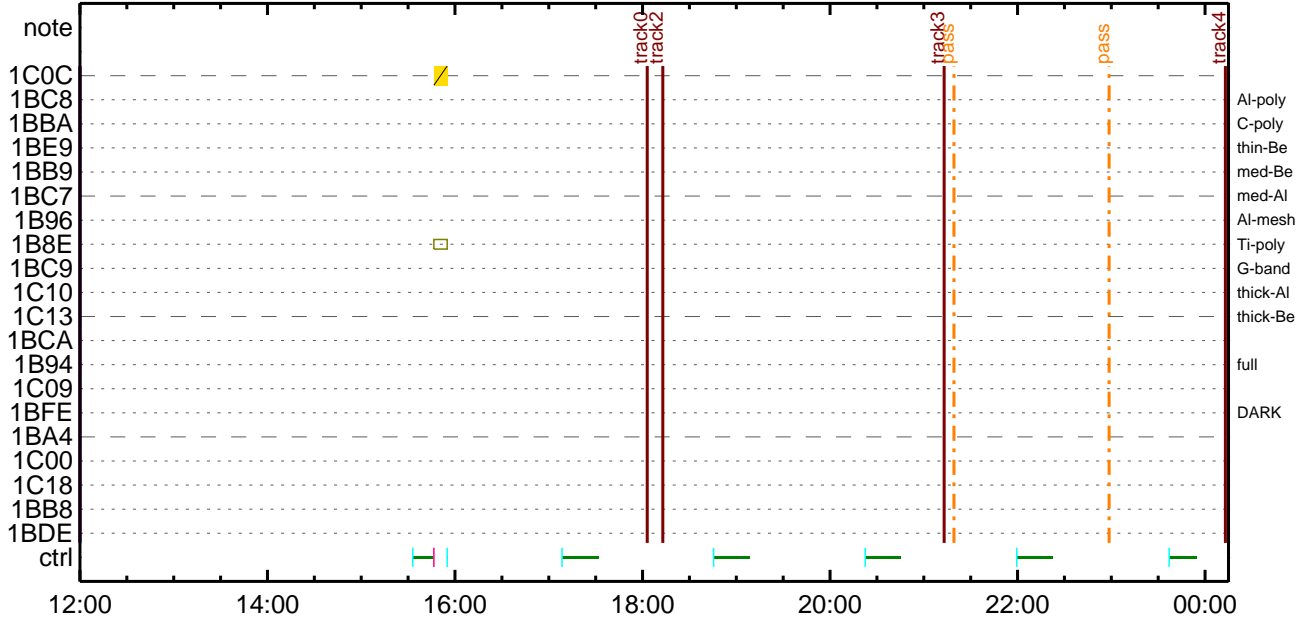
CMDI #0918 2018/12/02



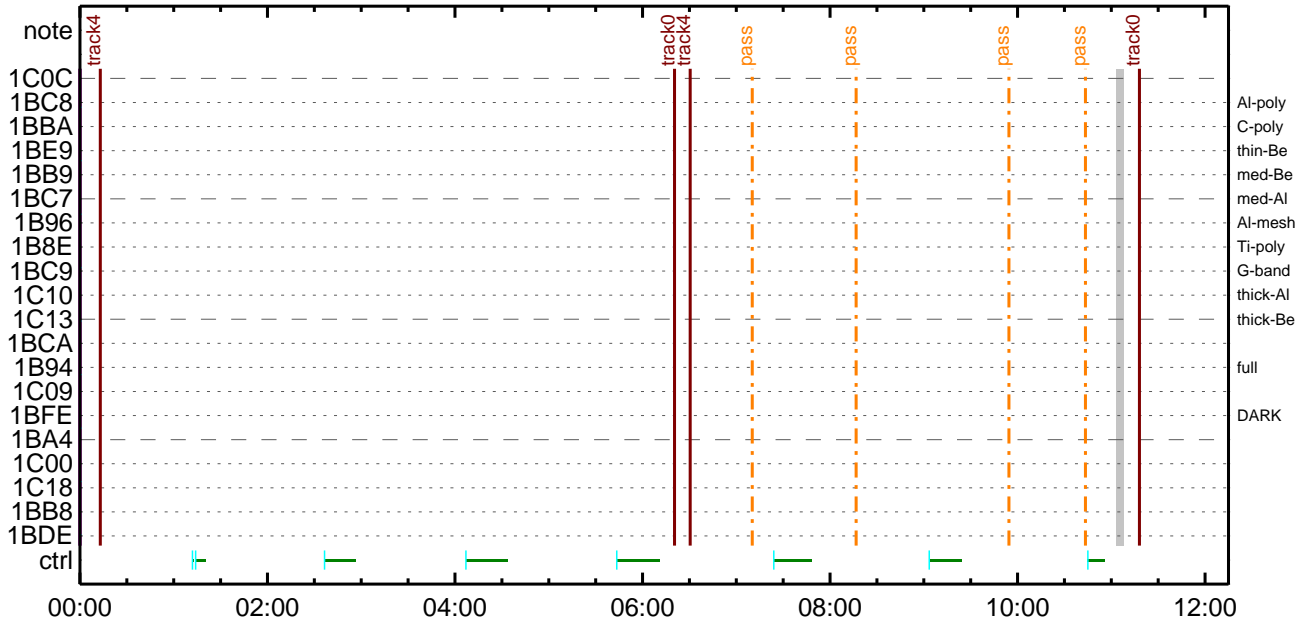
CMDI #0918 2018/12/03



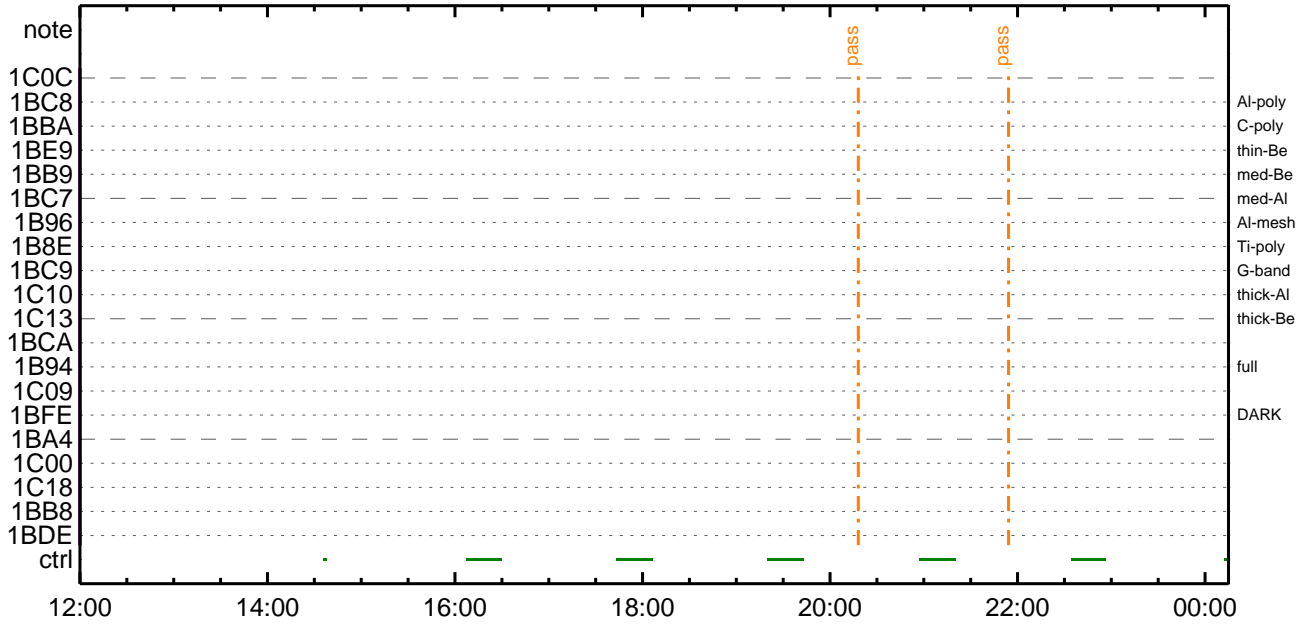
CMDI #0918 2018/12/03



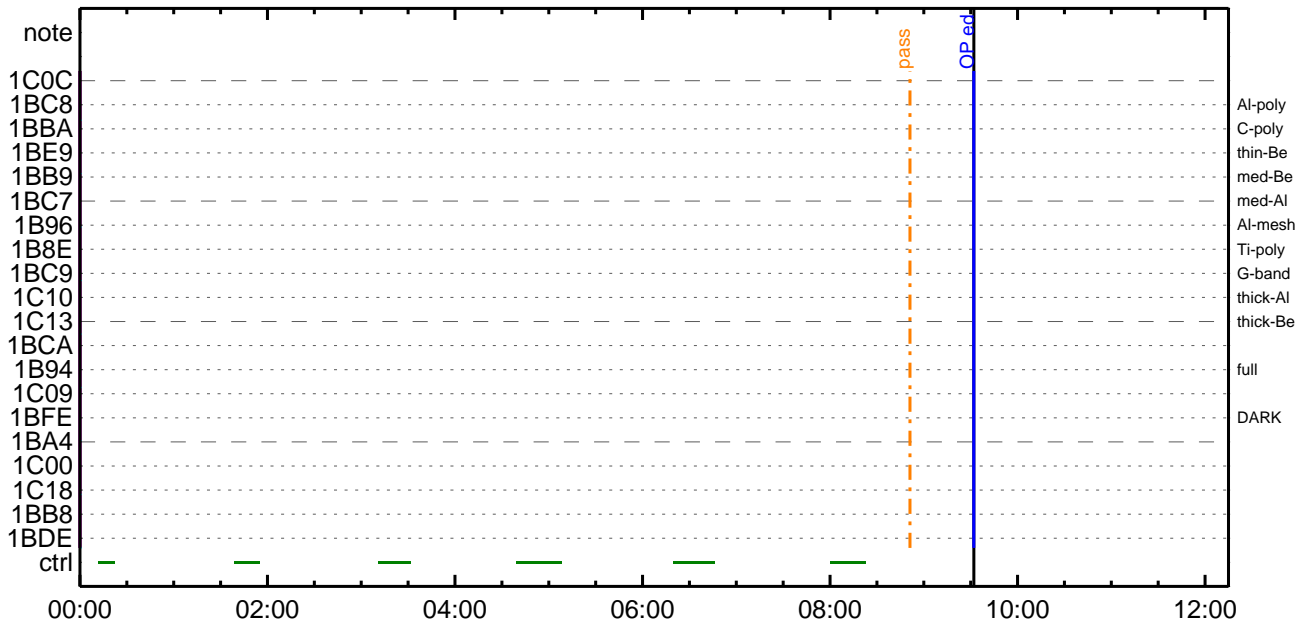
CMDI #0918 2018/12/04



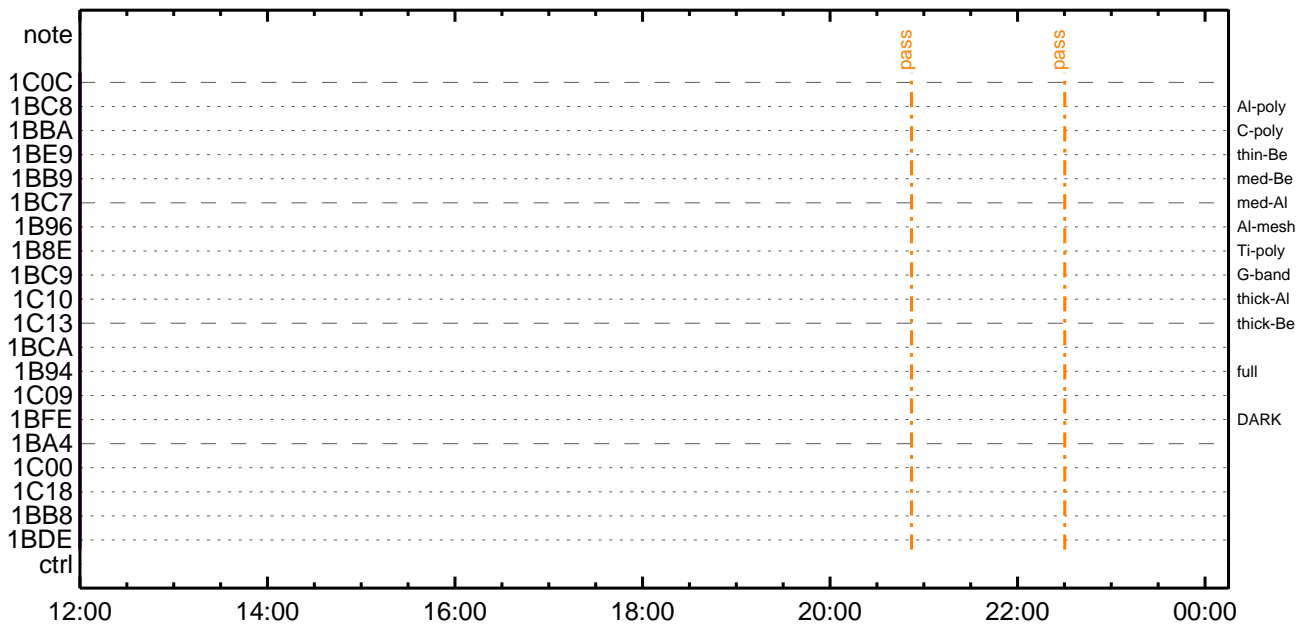
CMDI #0918 2018/12/04



CMDI #0918 2018/12/05



CMDI #0918 2018/12/05




```
0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥ÐŸ!•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;ã
0203 C.
0204 . C. ***** LOS *****
0205 C.
```


(a) Spacecraft Operation Procedure (real-commands)

```
main-786 2018-11-27 12:54:26 128 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ä
0005 C.
0006 C. YÁYB;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¿¿ãÁ•µ°È»Í×ÁÇóÍYçYÁY×Yí;¼YÉ;ÈÈ%µ•ííÉ;ÈÈ¼°ÇÓã•¿¿¼í¹çãÍ;çÁ®, ùã¹ãÈãÈãÇÁ+¿®ã•ãÈããã³ãÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. SOT table upload
0016 C. *****
0017 . C. < Stop SP table >
0018 +. DC 07-F0 MDP_SP_CTRL_MANU
0019 BC (61)
0020 C. -----
0021 C. MDP_SP_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload SP Observation Table>
0025 . S. RAM ram-284:MDP_OBS_S
0026 ( )
0027 C.
0028 . C. < Dump RAMID=MDP_OBS_S >
0029 +. DC 07-F0 MDP_DUMP_SPTBL
0030 BC (83 07 00 00 00 38 b8)
0031 C. -----
0032 C. MDP_OBS_S verify = OK/NG [ ]
0033 C. -----
0034 C.
0035 C. *****
0036 C. SOT TI command set
0037 C. *****
0038 C. Execute, after the success of TBL upload.
0039 +. TI 2018-11-27 10:48:18.0
0040 DC 07-F0 MDP_SOT_MODE_OBSV
0041 BC (40)
0042 C. -----
0043 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0044 C. -----
0045 C.
0046 C.
0047 C. ***** XRT START *****
0048 C.
0049 +. DC 07-F0 MDP_XRT_CTRL_MANU
0050 BC (c1)
0051 + DC 07-F0 MDP_XRT_MODE_STBY
0052 BC (c3)
0053 . C. ----- Success Verify ? OK / NG_____
0054 C.
0055 C. XRT Obs. Table Upload
0056 . S. RAM ram-291:MDP_OBS_X
0057 ( )
0058 C.
0059 +. DC 07-F0 MDP_DUMP_XRTTBL
0060 BC (84 07 00 00 00 3a d4)
0061 . C. ----- Comparison Check ? OK / ERR _____
0062 C.
0063 C.
0064 +. DC 07-F0 MDP_XRT_ROI_SET
0065 BC (cd 01 b1 b1 04 04)
0066 + DC 07-F0 MDP_XRT_ROI_SET
0067 BC (cd 02 b1 b1 08 08)
0068 + DC 07-F0 MDP_XRT_ROI_SET
0069 BC (cd 03 b1 b1 08 08)
0070 + DC 07-F0 MDP_XRT_ROI_SET
0071 BC (cd 04 b1 b1 06 06)
0072 + DC 07-F0 MDP_XRT_ROI_SET
0073 BC (cd 06 80 80 08 08)
0074 + DC 07-F0 MDP_XRT_ROI_SET
0075 BC (cd 07 80 80 20 20)
0076 + DC 07-F0 MDP_XRT_ROI_SET
0077 BC (cd 08 85 83 06 06)
0078 + DC 07-F0 MDP_XRT_ROI_SET
0079 BC (cd 09 80 80 20 08)
0080 + DC 07-F0 MDP_XRT_ROI_SET
0081 BC (cd 0a 80 80 08 20)
0082 + DC 07-F0 MDP_XRT_ROI_SET
0083 BC (cd 0f 80 80 06 06)
0084 + DC 07-F0 MDP_XRT_ROI_SET
0085 BC (cd 10 80 80 08 08)
0086 + DC 07-F0 MDP_XRT_FLD_ENA
0087 BC (d8)
0088 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0089 BC (c8)
0090 + DC 07-F0 MDP_XRT_ARS_DIS
0091 BC (d5)
0092 + DC 07-F0 MDP_XRT_AEC_RESET
0093 BC (d0)
0094 + DC 07-F0 MDP_XRT_FLD_RESET
0095 BC (da)
```



```
0096 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0097 BC (c4 0e)
0098 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0099 BC (c5 0d)
0100 . C. ----- Success Verify ? OK / NG ____
0101 C.
0102 C.
0103 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0104 C.
0105 +. DC 07-F0 MDP_XRT_MODE_OBSV
0106 BC (c2)
0107 +. TI 2018-11-27 10:48:02.0
0108 DC 07-F0 MDP_XRT_MODE_OBSV
0109 BC (c2)
0110 . C. ----- Success Verify ? OK / NG ____
0111 C.
0112 C. ***** XRT END *****
0113 C.
0114 . C. ***** MDP `úÃîñî»ò¼ŷñÊÂðñ¹ñèDCBC•x²è *****
0115 C. (¼á°îŷÓŷÃŷÈŷŲŷËŷáŷçŷèñÊ¼ññ¼Â»Ûñ¹ñè)
0116 . S. DC-BC dcbc-402:DCBC
0117 (MDP_known_event)
0118 C.
0119 C.
0120 . C. ***** ŷDŷ¹•İ Daily±¿İÑñÊ´Øñ¹ñèDCBC•x²è *****
0121 . S. DC-BC dcbc-153:DCBC
0122 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0123 C.
0124 C.
0125 . C. ¡ãLOSŷÁŷŲŷÃŷ¬¼Â»Û¿ä
0126 C.
0127 . C. ***** LOS *****
0128 C.
```


Nov 27, 18 12:54

XRT_OGLIST_0918.chk

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*** OP Sequence for XRT ***

| | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----------------|--|--|
| 2018/11/27 | 10:58:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/11/27 | 10:58:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/11/27 | 10:58:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | |
| 2018/11/27 | 10:59:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 ac cd | | |
| 2018/11/27 | 10:59:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2018/11/27 | 10:59:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2018/11/27 | 10:59:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2018/11/27 | 10:59:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2018/11/27 | 10:59:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2018/11/27 | 11:01:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0e | | |
| 2018/11/27 | 11:01:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | |
| 2018/11/27 | 11:02:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2018/11/27 | 11:14:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/11/27 | 11:14:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/11/27 | 11:14:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | |
| 2018/11/27 | 11:15:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 d6 67 | | |
| 2018/11/27 | 11:15:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2018/11/27 | 11:15:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2018/11/27 | 11:15:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2018/11/27 | 11:15:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2018/11/27 | 11:15:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2018/11/27 | 11:17:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0e | | |
| 2018/11/27 | 11:17:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | |
| 2018/11/27 | 11:18:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2018/11/27 | 11:30:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/11/27 | 11:30:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/11/27 | 11:30:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | |
| 2018/11/27 | 11:31:00.0 | AOCS_Ore-point_Start_3_OG [0x099] | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | |
| 2018/11/27 | 11:31:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2018/11/27 | 11:31:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2018/11/27 | 11:31:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2018/11/27 | 11:31:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2018/11/27 | 11:31:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2018/11/27 | 11:33:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0e | | |
| 2018/11/27 | 11:33:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | |
| 2018/11/27 | 11:34:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2018/11/27 | 11:46:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/11/27 | 11:46:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/11/27 | 11:46:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | |
| 2018/11/27 | 11:47:00.0 | AOCS_Ore-point_Start_4_OG [0x09a] | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 29 99 | | |
| 2018/11/27 | 11:47:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2018/11/27 | 11:47:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2018/11/27 | 11:47:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2018/11/27 | 11:47:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2018/11/27 | 11:47:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2018/11/27 | 11:49:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----|-------------|
| 2018/11/27 | 11:49:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0e |
| | | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d |
| 2018/11/27 | 11:50:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/11/27 | 12:02:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/11/27 | 12:02:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/11/27 | 12:02:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff aa 00 |
| 2018/11/27 | 12:03:00.0 | AOCS_Ore-point_Start_5_OG [0x09b] | AOCU_NM | 5 | 02-76 | 00 | 00 00 53 33 |
| 2018/11/27 | 12:03:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2018/11/27 | 12:03:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2018/11/27 | 12:03:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2018/11/27 | 12:03:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2018/11/27 | 12:03:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/11/27 | 12:05:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0e |
| 2018/11/27 | 12:05:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d |
| 2018/11/27 | 12:06:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/11/27 | 12:18:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/11/27 | 12:18:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/11/27 | 12:18:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff aa 00 |
| 2018/11/27 | 12:19:00.0 | AOCS_Ore-point_Start_6_OG [0x09c] | AOCU_NM | 5 | 02-76 | 00 | d6 36 b7 8e |
| 2018/11/27 | 12:19:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2018/11/27 | 12:19:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2018/11/27 | 12:19:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2018/11/27 | 12:19:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2018/11/27 | 12:19:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/11/27 | 12:21:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0e |
| 2018/11/27 | 12:21:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d |
| 2018/11/27 | 12:22:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/11/27 | 12:28:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/11/27 | 12:28:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/11/27 | 12:28:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff aa 00 |
| 2018/11/27 | 12:29:00.0 | AOCS_Ore-point_Start_7_OG [0x09d] | AOCU_NM | 5 | 02-76 | 00 | b4 b5 db 75 |
| 2018/11/27 | 12:29:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2018/11/27 | 12:29:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2018/11/27 | 12:29:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2018/11/27 | 12:29:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2018/11/27 | 12:29:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/11/27 | 12:31:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0e |
| 2018/11/27 | 12:31:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d |
| 2018/11/27 | 12:32:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/11/27 | 12:44:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/11/27 | 12:44:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/11/27 | 12:44:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff aa 00 |
| 2018/11/27 | 12:45:00.0 | AOCS_Ore-point_Start_8_OG [0x09e] | AOCU_NM | 5 | 02-76 | 00 | ac 5b 00 00 |
| 2018/11/27 | 12:45:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2018/11/27 | 12:45:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2018/11/27 | 12:45:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2018/11/27 | 12:45:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |

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|------------|------------|------------------------------------|---------------------|---|-------|----|----|----|-------|
| 2018/11/27 | 12:45:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2018/11/27 | 12:47:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0e | | |
| 2018/11/27 | 12:47:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d | | |
| 2018/11/27 | 12:48:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2018/11/27 | 13:00:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2018/11/27 | 13:00:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2018/11/27 | 13:00:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 |
| 2018/11/27 | 13:01:00.0 | AOCS_Ore-point_Start_9_OG [0x09f] | AOCU_NM | 5 | 02-76 | 00 | b4 | b5 | 24 8b |
| 2018/11/27 | 13:01:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2018/11/27 | 13:01:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2018/11/27 | 13:01:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2018/11/27 | 13:01:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2018/11/27 | 13:01:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2018/11/27 | 13:03:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0e | | |
| 2018/11/27 | 13:03:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d | | |
| 2018/11/27 | 13:04:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2018/11/27 | 13:16:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2018/11/27 | 13:16:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2018/11/27 | 13:16:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 |
| 2018/11/27 | 13:17:00.0 | AOCS_Ore-point_Start_10_OG [0x0a0] | AOCU_NM | 5 | 02-76 | 00 | d6 | 36 | 48 72 |
| 2018/11/27 | 13:17:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2018/11/27 | 13:17:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2018/11/27 | 13:17:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2018/11/27 | 13:17:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2018/11/27 | 13:17:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2018/11/27 | 13:19:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0e | | |
| 2018/11/27 | 13:19:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d | | |
| 2018/11/27 | 13:20:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2018/11/27 | 13:26:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2018/11/27 | 13:26:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2018/11/27 | 13:26:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 |
| 2018/11/27 | 13:27:00.0 | AOCS_Ore-point_Start_11_OG [0x0a1] | AOCU_NM | 5 | 02-76 | 00 | 29 | ca | b7 8e |
| 2018/11/27 | 13:27:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2018/11/27 | 13:27:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2018/11/27 | 13:27:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2018/11/27 | 13:27:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2018/11/27 | 13:27:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2018/11/27 | 13:29:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0e | | |
| 2018/11/27 | 13:29:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d | | |
| 2018/11/27 | 13:30:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2018/11/27 | 13:36:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2018/11/27 | 13:36:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2018/11/27 | 13:36:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 |
| 2018/11/27 | 13:37:00.0 | AOCS_Ore-point_Start_12_OG [0x0a2] | AOCU_NM | 5 | 02-76 | 00 | 4b | 4b | db 75 |
| 2018/11/27 | 13:37:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2018/11/27 | 13:37:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2018/11/27 | 13:37:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |

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| 2018/11/27 | 13:37:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2018/11/27 | 13:37:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2018/11/27 | 13:39:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0e | |
| 2018/11/27 | 13:39:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d | |
| 2018/11/27 | 13:40:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2018/11/27 | 13:52:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/11/27 | 13:52:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/11/27 | 13:52:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa 00 |
| 2018/11/27 | 13:53:00.0 | AOCS_Ore-point_Start_13_OG [0x0a3] | AOCU_NM | 5 | 02-76 | 00 | 53 | a5 00 00 |
| 2018/11/27 | 13:53:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2018/11/27 | 13:53:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2018/11/27 | 13:53:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2018/11/27 | 13:53:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2018/11/27 | 13:53:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2018/11/27 | 13:55:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0e | |
| 2018/11/27 | 13:55:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d | |
| 2018/11/27 | 13:56:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2018/11/27 | 14:08:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/11/27 | 14:08:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/11/27 | 14:08:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa 00 |
| 2018/11/27 | 14:09:00.0 | AOCS_Ore-point_Start_14_OG [0x0a4] | AOCU_NM | 5 | 02-76 | 00 | 4b | 4b 24 8b |
| 2018/11/27 | 14:09:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2018/11/27 | 14:09:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2018/11/27 | 14:09:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2018/11/27 | 14:09:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2018/11/27 | 14:09:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2018/11/27 | 14:11:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0e | |
| 2018/11/27 | 14:11:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d | |
| 2018/11/27 | 14:12:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2018/11/27 | 14:24:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/11/27 | 14:24:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/11/27 | 14:24:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa 00 |
| 2018/11/27 | 14:25:00.0 | AOCS_Ore-point_Start_15_OG [0x0a5] | AOCU_NM | 5 | 02-76 | 00 | 29 | db 48 72 |
| 2018/11/27 | 14:25:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2018/11/27 | 14:25:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2018/11/27 | 14:25:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2018/11/27 | 14:25:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2018/11/27 | 14:25:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2018/11/27 | 14:27:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0e | |
| 2018/11/27 | 14:27:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d | |
| 2018/11/27 | 14:28:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2018/11/27 | 14:34:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/11/27 | 14:34:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/11/27 | 14:34:58.0 | XRT_FOCUS_RECALIBRATE_417_OG [0x1a1] | XRT_FOCUS_RECAL | 2 | 07-F8 | 78 | 00 | |
| 2018/11/27 | 14:35:00.0 | AOCS_Ore-point_Start_16_OG [0x0a6] | AOCU_NM | 5 | 02-76 | 01 | 00 | 00 00 00 |
| 2018/11/27 | 14:38:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 00 |

| | | | | | | | | | |
|------------|------------|--------------------------------------|---|-------|----------------|--|--|--|--|
| 2018/11/27 | 14:39:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2018/11/27 | 14:39:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2018/11/27 | 14:39:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2018/11/27 | 14:39:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/11/27 | 14:39:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/27 | 14:41:56.0 | XRT_QT_PROG_SET_444_OG [0x1bc] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 01 | | | | |
| 2018/11/27 | 14:41:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | | |
| 2018/11/27 | 14:42:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/27 | 15:18:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/27 | 15:18:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/27 | 15:18:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/11/27 | 15:21:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/11/27 | 15:30:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/11/27 | 15:31:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/27 | 16:53:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/27 | 16:53:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/27 | 16:53:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/11/27 | 16:56:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/11/27 | 17:17:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/11/27 | 17:18:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/27 | 17:58:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/27 | 17:58:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/27 | 17:58:58.0 | XRT_CTRL_MANU_449_OG [0x1c1] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/27 | 17:59:08.0 | XRT_FOCUS_RECALIBRATE_417_OG [0x1a1] | | | | | | | |
| | | XRT_FOCUS_RECAL | 2 | 07-F8 | 78 00 | | | | |
| 2018/11/27 | 18:00:00.0 | AOCS_ORe-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2018/11/27 | 18:03:08.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2018/11/27 | 18:03:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2018/11/27 | 18:03:48.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2018/11/27 | 18:03:50.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2018/11/27 | 18:03:52.0 | XRT_ARS_DIS_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/11/27 | 18:06:28.0 | XRT_QT_PROG_SET_447_OG [0x1bf] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 14 | | | | |
| 2018/11/27 | 18:06:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/27 | 18:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/27 | 18:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/27 | 18:09:58.0 | XRT_FOCUS_RECALIBRATE_417_OG [0x1a1] | | | | | | | |
| | | XRT_FOCUS_RECAL | 2 | 07-F8 | 78 00 | | | | |
| 2018/11/27 | 18:10:00.0 | AOCS_ORe-point_Start_16_OG [0x0a6] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 01 00 00 00 00 | | | | |
| 2018/11/27 | 18:13:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2018/11/27 | 18:14:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2018/11/27 | 18:14:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2018/11/27 | 18:14:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2018/11/27 | 18:14:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/11/27 | 18:14:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/27 | 18:16:56.0 | XRT_QT_PROG_SET_444_OG [0x1bc] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 01 | | | | |
| 2018/11/27 | 18:16:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | | |
| 2018/11/27 | 18:17:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/27 | 18:30:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/27 | 18:30:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/27 | 18:30:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|--|--|--|
| 2018/11/27 | 18:33:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/11/27 | 18:53:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2018/11/27 | 18:54:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/27 | 20:07:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/27 | 20:07:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/27 | 20:07:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/11/27 | 20:10:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/11/27 | 20:30:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2018/11/27 | 20:31:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/27 | 21:44:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/27 | 21:44:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/27 | 21:44:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/11/27 | 21:47:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/11/27 | 22:07:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2018/11/27 | 22:08:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/27 | 23:22:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/27 | 23:22:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/27 | 23:22:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/11/27 | 23:25:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/11/27 | 23:42:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2018/11/27 | 23:43:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/28 | 00:59:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/28 | 00:59:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/28 | 00:59:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/11/28 | 01:02:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/11/28 | 01:06:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2018/11/28 | 01:07:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/28 | 02:22:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/28 | 02:22:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/28 | 02:22:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/11/28 | 02:25:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/11/28 | 02:41:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2018/11/28 | 02:42:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/28 | 03:56:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/28 | 03:56:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/28 | 03:56:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/11/28 | 03:59:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/11/28 | 04:18:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2018/11/28 | 04:19:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/28 | 05:28:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/28 | 05:28:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/28 | 05:28:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/11/28 | 05:31:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/11/28 | 05:56:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2018/11/28 | 05:57:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/28 | 06:05:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/28 | 06:05:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/28 | 06:05:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | | |
| | | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2018/11/28 | 06:05:30.0 | AOCS_Ore-point_Start_3_OG [0x099] | | | | | | | | |
| | | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2018/11/28 | 06:05:48.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | | |
| | | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |

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|------------|------------|--------------------------------------|---|-------|----|----|----|----|----|
| 2018/11/28 | 06:05:50.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2018/11/28 | 06:05:52.0 | XRT_ARS_DIS_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/11/28 | 06:08:28.0 | XRT_QT_PROG_SET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0a | | | |
| 2018/11/28 | 06:08:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/28 | 06:15:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/28 | 06:15:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/28 | 06:15:28.0 | XRT_FOCUS_RECALIBRATE_417_OG [0x1a1] | | | | | | | |
| | | XRT_FOCUS_RECAL | 2 | 07-F8 | 78 | 00 | | | |
| 2018/11/28 | 06:15:30.0 | AOCS_Ore-point_Start_16_OG [0x0a6] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 01 | 00 | 00 | 00 | 00 |
| 2018/11/28 | 06:19:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2018/11/28 | 06:19:48.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2018/11/28 | 06:19:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2018/11/28 | 06:19:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2018/11/28 | 06:19:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/11/28 | 06:19:56.0 | XRT_FLD_RESET_432_OG [0x1b0] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/28 | 06:22:26.0 | XRT_QT_PROG_SET_444_OG [0x1bc] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 01 | | | |
| 2018/11/28 | 06:22:28.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d | | | |
| 2018/11/28 | 06:22:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/28 | 07:08:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/28 | 07:08:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/28 | 07:08:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/11/28 | 07:11:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/11/28 | 07:33:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/11/28 | 07:34:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/28 | 08:48:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/28 | 08:48:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/28 | 08:48:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/11/28 | 08:51:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/11/28 | 09:10:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/11/28 | 09:11:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/28 | 10:29:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/28 | 10:29:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/28 | 10:29:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/11/28 | 10:32:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/11/28 | 10:42:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/11/28 | 10:43:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/28 | 15:52:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/28 | 15:52:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/28 | 15:52:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/11/28 | 15:55:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/11/28 | 16:08:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/28 | 16:08:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/28 | 16:08:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/11/28 | 16:11:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/11/28 | 16:15:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/11/28 | 16:16:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/28 | 17:28:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/28 | 17:28:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/28 | 17:28:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/11/28 | 17:31:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |

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|------------|------------|--------------------------------------|---------------------|---|-------|----------------|
| 2018/11/28 | 17:51:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/11/28 | 17:52:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/11/28 | 17:52:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/11/28 | 17:52:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/11/28 | 17:52:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2018/11/28 | 17:53:00.0 | AOCS_Or-e-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2018/11/28 | 17:53:18.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2018/11/28 | 17:53:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2018/11/28 | 17:53:22.0 | XRT_ARS_DIS_414_OG [0x19e] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2018/11/28 | 17:55:58.0 | XRT_QT_PROG_SET_447_OG [0x1bf] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 14 |
| 2018/11/28 | 17:56:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/11/28 | 18:02:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/11/28 | 18:02:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/11/28 | 18:02:58.0 | XRT_FOCUS_RECALIBRATE_417_OG [0x1a1] | XRT_FOCUS_RECAL | 2 | 07-F8 | 78 00 |
| 2018/11/28 | 18:03:00.0 | AOCS_Or-e-point_Start_16_OG [0x0a6] | AOCU_NM | 5 | 02-76 | 01 00 00 00 00 |
| 2018/11/28 | 18:06:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2018/11/28 | 18:07:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2018/11/28 | 18:07:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2018/11/28 | 18:07:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2018/11/28 | 18:07:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2018/11/28 | 18:07:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/11/28 | 18:09:56.0 | XRT_QT_PROG_SET_444_OG [0x1bc] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 01 |
| 2018/11/28 | 18:09:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d |
| 2018/11/28 | 18:10:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/11/28 | 19:05:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/11/28 | 19:05:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/11/28 | 19:05:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/11/28 | 19:08:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/11/28 | 19:28:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/11/28 | 19:29:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/11/28 | 20:42:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/11/28 | 20:42:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/11/28 | 20:42:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/11/28 | 20:45:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/11/28 | 21:05:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/11/28 | 21:06:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/11/28 | 22:19:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/11/28 | 22:19:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/11/28 | 22:19:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/11/28 | 22:22:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/11/28 | 22:41:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/11/28 | 22:42:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/11/28 | 23:57:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/11/28 | 23:57:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/11/28 | 23:57:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/11/29 | 00:00:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/11/29 | 00:10:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/11/29 | 00:11:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/11/29 | 01:25:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |

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|------------|------------|--------------------------------------|---------------------|---|-------|----------------|--|--|--|--|
| 2018/11/29 | 01:25:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/29 | 01:25:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/29 | 01:28:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/11/29 | 01:40:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/11/29 | 01:41:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/29 | 02:55:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/29 | 02:55:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/29 | 02:55:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/11/29 | 02:58:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/11/29 | 03:16:00.5 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/29 | 03:17:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/29 | 04:24:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/29 | 04:24:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/29 | 04:24:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/29 | 04:27:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/11/29 | 04:53:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/11/29 | 04:54:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/11/29 | 05:36:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/29 | 05:36:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/29 | 05:36:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/29 | 05:37:00.0 | AOCS_Ore-point_Start_3_OG [0x099] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2018/11/29 | 05:37:18.0 | XRT_FLD_DIS_409_OG [0x199] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2018/11/29 | 05:37:20.5 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2018/11/29 | 05:37:22.5 | XRT_ARS_DIS_414_OG [0x19e] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2018/11/29 | 05:39:58.5 | XRT_QT_PROG_SET_447_OG [0x1bf] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/11/29 | 05:40:00.5 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 14 | | | | |
| 2018/11/29 | 05:46:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/29 | 05:46:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/29 | 05:46:58.0 | XRT_FOCUS_RECALIBRATE_417_OG [0x1a1] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/29 | 05:47:00.0 | AOCS_Ore-point_Start_16_OG [0x0a6] | XRT_FOCUS_RECAL | 2 | 07-F8 | 78 00 | | | | |
| 2018/11/29 | 05:50:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | AOCU_NM | 5 | 02-76 | 01 00 00 00 00 | | | | |
| 2018/11/29 | 05:51:18.0 | XRT_FLD_ENA_411_OG [0x19b] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2018/11/29 | 05:51:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2018/11/29 | 05:51:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2018/11/29 | 05:51:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2018/11/29 | 05:51:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/11/29 | 05:53:56.0 | XRT_QT_PROG_SET_444_OG [0x1bc] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/29 | 05:53:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 01 | | | | |
| 2018/11/29 | 05:54:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | | |
| 2018/11/29 | 06:04:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/29 | 06:04:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/29 | 06:04:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/29 | 06:07:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/11/29 | 06:31:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/11/29 | 06:32:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/29 | 07:44:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/29 | 07:44:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/29 | 07:44:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/29 | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |

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|------------|------------|--------------------------------------|---|-------|----------------|--|--|--|--|
| 2018/11/29 | 07:47:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/11/29 | 08:08:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/11/29 | 08:09:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/29 | 09:24:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/29 | 09:24:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/29 | 09:24:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/11/29 | 09:27:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/11/29 | 09:44:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/11/29 | 09:45:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/29 | 11:06:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/29 | 11:06:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/29 | 11:06:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/11/29 | 11:09:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/11/29 | 11:12:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/11/29 | 11:13:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/29 | 14:53:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/29 | 14:53:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/29 | 14:53:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/11/29 | 14:56:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/11/29 | 15:01:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/11/29 | 15:02:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/29 | 16:26:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/29 | 16:26:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/29 | 16:26:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/11/29 | 16:29:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/11/29 | 16:50:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/11/29 | 16:51:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/29 | 17:38:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/29 | 17:38:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/29 | 17:38:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2018/11/29 | 17:39:00.0 | AOCS_OrE-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2018/11/29 | 17:39:18.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2018/11/29 | 17:39:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2018/11/29 | 17:39:22.0 | XRT_ARS_DIS_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/11/29 | 17:41:58.0 | XRT_QT_PROG_SET_447_OG [0x1bf] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 14 | | | | |
| 2018/11/29 | 17:42:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/11/29 | 17:48:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/29 | 17:48:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/11/29 | 17:48:58.0 | XRT_FOCUS_RECALIBRATE_417_OG [0x1a1] | | | | | | | |
| | | XRT_FOCUS_RECAL | 2 | 07-F8 | 78 00 | | | | |
| 2018/11/29 | 17:49:00.0 | AOCS_OrE-point_Start_16_OG [0x0a6] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 01 00 00 00 00 | | | | |
| 2018/11/29 | 17:52:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2018/11/29 | 17:53:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2018/11/29 | 17:53:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2018/11/29 | 17:53:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2018/11/29 | 17:53:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/11/29 | 17:53:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/11/29 | 17:55:56.0 | XRT_QT_PROG_SET_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 10 | | | | |
| 2018/11/29 | 17:55:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | | |
| 2018/11/29 | 17:56:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |

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|------------|------------|-----------------------------------|---|-------|----|
| 2018/11/29 | 18:03:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/11/29 | 18:03:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/11/29 | 18:03:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/11/29 | 18:06:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/11/29 | 18:26:30.5 | XRT_Custom_430_OG [0x1ae] | | | |
| 2018/11/29 | 18:27:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/11/29 | 19:40:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/11/29 | 19:40:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/11/29 | 19:40:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/11/29 | 19:43:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/11/29 | 20:03:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2018/11/29 | 20:04:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/11/29 | 21:17:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/11/29 | 21:17:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/11/29 | 21:17:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/11/29 | 21:20:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/11/29 | 21:40:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2018/11/29 | 21:41:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/11/29 | 22:54:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/11/29 | 22:54:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/11/29 | 22:54:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/11/29 | 22:57:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/11/29 | 23:15:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2018/11/29 | 23:16:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/11/30 | 00:31:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/11/30 | 00:31:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/11/30 | 00:31:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/11/30 | 00:34:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/11/30 | 00:40:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2018/11/30 | 00:41:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/11/30 | 01:56:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/11/30 | 01:56:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/11/30 | 01:56:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/11/30 | 01:59:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/11/30 | 02:14:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2018/11/30 | 02:15:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/11/30 | 03:30:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/11/30 | 03:30:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/11/30 | 03:30:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/11/30 | 03:33:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/11/30 | 03:51:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2018/11/30 | 03:52:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/11/30 | 05:00:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/11/30 | 05:00:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/11/30 | 05:00:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/11/30 | 05:03:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/11/30 | 05:28:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2018/11/30 | 05:29:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/11/30 | 05:56:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/11/30 | 05:56:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/11/30 | 05:56:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | |

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|------------|------------|--------------------------------------|---------------------|---|-------|----|----|----|----|
| 2018/11/30 | 05:56:30.0 | AOCS_ORe-point_Start_3_OG [0x099] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 |
| | | | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 |
| 2018/11/30 | 05:56:48.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | |
| 2018/11/30 | 05:56:50.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | |
| 2018/11/30 | 05:56:52.0 | XRT_ARS_DIS_414_OG [0x19e] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2018/11/30 | 05:59:28.0 | XRT_QT_PROG_SET_447_OG [0x1bf] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 14 | | |
| 2018/11/30 | 05:59:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2018/11/30 | 06:06:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2018/11/30 | 06:06:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2018/11/30 | 06:06:28.0 | XRT_FOCUS_RECALIBRATE_417_OG [0x1a1] | XRT_FOCUS_RECAL | 2 | 07-F8 | 78 | 00 | | |
| 2018/11/30 | 06:06:30.0 | AOCS_ORe-point_Start_16_OG [0x0a6] | AOCU_NM | 5 | 02-76 | 01 | 00 | 00 | 00 |
| 2018/11/30 | 06:10:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 |
| 2018/11/30 | 06:10:48.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2018/11/30 | 06:10:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2018/11/30 | 06:10:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2018/11/30 | 06:10:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2018/11/30 | 06:10:56.0 | XRT_FLD_RESET_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2018/11/30 | 06:13:26.0 | XRT_QT_PROG_SET_433_OG [0x1b1] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 10 | | |
| 2018/11/30 | 06:13:28.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d | | |
| 2018/11/30 | 06:13:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2018/11/30 | 06:40:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2018/11/30 | 06:40:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2018/11/30 | 06:40:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2018/11/30 | 06:43:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2018/11/30 | 07:06:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/11/30 | 07:07:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2018/11/30 | 08:20:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2018/11/30 | 08:20:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2018/11/30 | 08:20:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2018/11/30 | 08:23:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2018/11/30 | 08:42:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/11/30 | 08:43:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2018/11/30 | 10:00:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2018/11/30 | 10:00:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2018/11/30 | 10:00:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2018/11/30 | 10:03:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2018/11/30 | 10:17:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/11/30 | 10:18:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2018/11/30 | 15:25:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2018/11/30 | 15:25:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2018/11/30 | 15:25:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2018/11/30 | 15:28:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2018/11/30 | 15:38:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/11/30 | 15:39:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2018/11/30 | 17:01:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2018/11/30 | 17:01:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2018/11/30 | 17:01:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2018/11/30 | 17:04:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2018/11/30 | 17:24:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/11/30 | 17:25:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |

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|------------|------------|--------------------------------------|---------------------|---|-------|----------------|
| 2018/11/30 | 17:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/11/30 | 17:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/11/30 | 17:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2018/11/30 | 18:00:00.0 | AOCS_ORe-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2018/11/30 | 18:00:18.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2018/11/30 | 18:00:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2018/11/30 | 18:00:22.0 | XRT_ARS_DIS_414_OG [0x19e] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2018/11/30 | 18:02:58.0 | XRT_QT_PROG_SET_447_OG [0x1bf] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 14 |
| 2018/11/30 | 18:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/11/30 | 18:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/11/30 | 18:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/11/30 | 18:09:58.0 | XRT_FOCUS_RECALIBRATE_417_OG [0x1a1] | XRT_FOCUS_RECAL | 2 | 07-F8 | 78 00 |
| 2018/11/30 | 18:10:00.0 | AOCS_ORe-point_Start_17_OG [0x0a7] | AOCU_NM | 5 | 02-76 | 00 fb 4c ac 9c |
| 2018/11/30 | 18:13:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2018/11/30 | 18:14:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2018/11/30 | 18:14:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2018/11/30 | 18:14:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2018/11/30 | 18:14:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2018/11/30 | 18:14:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/11/30 | 18:16:56.0 | XRT_QT_PROG_SET_433_OG [0x1b1] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 10 |
| 2018/11/30 | 18:16:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d |
| 2018/11/30 | 18:17:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/11/30 | 18:38:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/11/30 | 18:38:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/11/30 | 18:38:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/11/30 | 18:41:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/11/30 | 19:01:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2018/11/30 | 19:02:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/11/30 | 20:14:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/11/30 | 20:14:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/11/30 | 20:14:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/11/30 | 20:17:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/11/30 | 20:38:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2018/11/30 | 20:39:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/11/30 | 21:52:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/11/30 | 21:52:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/11/30 | 21:52:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/11/30 | 21:55:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/11/30 | 22:15:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2018/11/30 | 22:16:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/11/30 | 23:29:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/11/30 | 23:29:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/11/30 | 23:29:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/11/30 | 23:32:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/11/30 | 23:49:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2018/11/30 | 23:50:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/12/01 | 01:06:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/12/01 | 01:06:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |

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|------------|------------|--------------------------------------|---|-------|----------------|--|--|--|--|
| 2018/12/01 | 01:06:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/01 | 01:09:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/01 | 01:13:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/12/01 | 01:14:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/12/01 | 02:29:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/01 | 02:29:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/01 | 02:29:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/01 | 02:32:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/01 | 02:49:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/12/01 | 02:50:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/12/01 | 04:02:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/01 | 04:02:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/01 | 04:02:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/01 | 04:05:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/01 | 04:26:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/12/01 | 04:27:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/12/01 | 05:36:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/01 | 05:36:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/01 | 05:36:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/01 | 05:39:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/01 | 06:03:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/12/01 | 06:04:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/12/01 | 06:12:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/01 | 06:12:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/01 | 06:12:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2018/12/01 | 06:13:00.0 | AOCs_OrE-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2018/12/01 | 06:13:18.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2018/12/01 | 06:13:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2018/12/01 | 06:13:22.0 | XRT_ARS_DIS_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/12/01 | 06:15:58.0 | XRT_QT_PROG_SET_447_OG [0x1bf] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 14 | | | | |
| 2018/12/01 | 06:16:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/12/01 | 06:22:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/01 | 06:22:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/01 | 06:22:58.0 | XRT_FOCUS_RECALIBRATE_417_OG [0x1a1] | | | | | | | |
| | | XRT_FOCUS_RECAL | 2 | 07-F8 | 78 00 | | | | |
| 2018/12/01 | 06:23:00.0 | AOCs_OrE-point_Start_17_OG [0x0a7] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 fb 4c ac 9c | | | | |
| 2018/12/01 | 06:26:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2018/12/01 | 06:27:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2018/12/01 | 06:27:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2018/12/01 | 06:27:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2018/12/01 | 06:27:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/12/01 | 06:27:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/01 | 06:29:56.0 | XRT_QT_PROG_SET_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 10 | | | | |
| 2018/12/01 | 06:29:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | | |
| 2018/12/01 | 06:30:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/12/01 | 07:16:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/01 | 07:16:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/01 | 07:16:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/01 | 07:19:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/01 | 07:40:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |

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|------------|------------|--------------------------------------|---|-------|----------------|--|--|--|--|
| 2018/12/01 | 07:41:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/12/01 | 08:56:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/01 | 08:56:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/01 | 08:56:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/01 | 08:59:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/01 | 09:17:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/12/01 | 09:18:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/12/01 | 10:37:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/01 | 10:37:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/01 | 10:37:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/01 | 10:40:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/01 | 10:49:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/12/01 | 10:50:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/12/01 | 15:59:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/01 | 15:59:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/01 | 15:59:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/01 | 16:02:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/01 | 16:14:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/01 | 16:14:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/01 | 16:14:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/01 | 16:17:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/01 | 16:22:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/12/01 | 16:23:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/12/01 | 17:35:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/01 | 17:35:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/01 | 17:35:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/01 | 17:38:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/01 | 17:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/01 | 17:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/01 | 17:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2018/12/01 | 18:00:00.0 | AOCS_Ore-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2018/12/01 | 18:00:18.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2018/12/01 | 18:00:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2018/12/01 | 18:00:22.0 | XRT_ARS_DIS_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/12/01 | 18:02:58.0 | XRT_QT_PROG_SET_447_OG [0x1bf] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 14 | | | | |
| 2018/12/01 | 18:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/12/01 | 18:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/01 | 18:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/01 | 18:09:58.0 | XRT_FOCUS_RECALIBRATE_417_OG [0x1a1] | | | | | | | |
| | | XRT_FOCUS_RECAL | 2 | 07-F8 | 78 00 | | | | |
| 2018/12/01 | 18:10:00.0 | AOCS_Ore-point_Start_17_OG [0x0a7] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 fb 4c ac 9c | | | | |
| 2018/12/01 | 18:13:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2018/12/01 | 18:14:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2018/12/01 | 18:14:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2018/12/01 | 18:14:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2018/12/01 | 18:14:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/12/01 | 18:14:26.0 | XRT_FLD_RESET_432_OG [0x1b0] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/01 | 18:16:56.0 | XRT_QT_PROG_SET_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 10 | | | | |
| 2018/12/01 | 18:16:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | | |

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|------------|------------|-----------------------------------|---|-------|----------------|
| 2018/12/01 | 18:17:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/12/01 | 19:12:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/12/01 | 19:12:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/12/01 | 19:12:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/12/01 | 19:15:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/12/01 | 19:36:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2018/12/01 | 19:37:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/12/01 | 20:49:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/12/01 | 20:49:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/12/01 | 20:49:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/12/01 | 20:52:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/12/01 | 21:13:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2018/12/01 | 21:14:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/12/01 | 22:27:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/12/01 | 22:27:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/12/01 | 22:27:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/12/01 | 22:30:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/12/01 | 22:49:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2018/12/01 | 22:50:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/12/02 | 00:04:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/12/02 | 00:04:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/12/02 | 00:04:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/12/02 | 00:07:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/12/02 | 00:16:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2018/12/02 | 00:17:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/12/02 | 01:31:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/12/02 | 01:31:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/12/02 | 01:31:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/12/02 | 01:34:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/12/02 | 01:47:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2018/12/02 | 01:48:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/12/02 | 03:03:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/12/02 | 03:03:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/12/02 | 03:03:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/12/02 | 03:06:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/12/02 | 03:24:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2018/12/02 | 03:25:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/12/02 | 04:31:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/12/02 | 04:31:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/12/02 | 04:31:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/12/02 | 04:34:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/12/02 | 05:01:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2018/12/02 | 05:02:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/12/02 | 05:44:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/12/02 | 05:44:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/12/02 | 05:44:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2018/12/02 | 05:44:30.0 | AOCS_ORe-point_Start_3_OG [0x099] | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2018/12/02 | 05:44:48.0 | XRT_FLD_DIS_409_OG [0x199] | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2018/12/02 | 05:44:50.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2018/12/02 | 05:44:52.0 | XRT_ARS_DIS_414_OG [0x19e] | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |

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|------------|------------|---|---|-------|----|-------------|--|--|--|
| 2018/12/02 | 05:47:28.0 | XRT_QT_PROG_SET_447_OG [0x1bf] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 14 | | | |
| 2018/12/02 | 05:47:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/12/02 | 05:54:30.0 | AOCS_OrE-point_Start_17_OG [0x0a7] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | fb 4c ac 9c | | | |
| 2018/12/02 | 06:00:00.5 | XRT_TCIB_XRT_S_HTR_A_ENA_446_OG [0x1be] | | | | | | | |
| | | TCIB_XRT_S_HTR_A_ENA | 0 | 04-BC | | | | | |
| 2018/12/02 | 06:12:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/02 | 06:12:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/02 | 06:12:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/02 | 06:15:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/02 | 06:38:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/12/02 | 06:39:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/12/02 | 07:52:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/02 | 07:52:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/02 | 07:52:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/02 | 07:55:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/02 | 09:31:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/02 | 09:31:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/02 | 09:31:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/02 | 09:34:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/02 | 11:14:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/02 | 11:14:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/02 | 11:14:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/02 | 11:17:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/02 | 15:00:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/02 | 15:00:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/02 | 15:00:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/02 | 15:03:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/02 | 16:34:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/02 | 16:34:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/02 | 16:34:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/02 | 16:37:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/02 | 17:46:30.0 | AOCS_OrE-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 00 00 00 00 | | | |
| 2018/12/02 | 17:56:30.0 | AOCS_OrE-point_Start_18_OG [0x0a8] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 | 00 00 00 00 | | | |
| 2018/12/02 | 18:10:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/02 | 18:10:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/02 | 18:10:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/02 | 18:13:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/02 | 19:47:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/02 | 19:47:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/02 | 19:47:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/02 | 19:50:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/02 | 21:24:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/02 | 21:24:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/02 | 21:24:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/02 | 21:27:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/02 | 21:48:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/12/02 | 21:49:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/12/02 | 23:02:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/02 | 23:02:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |

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|------------|------------|------------------------------------|---|-------|----------------|--|--|--|--|
| 2018/12/03 | 17:11:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/03 | 18:03:00.0 | AOCS_ORe-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2018/12/03 | 18:13:00.0 | AOCS_ORe-point_Start_20_OG [0x0aa] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | | | | |
| 2018/12/03 | 18:45:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/03 | 18:45:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/03 | 18:45:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/03 | 18:48:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/03 | 20:22:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/03 | 20:22:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/03 | 20:22:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/03 | 20:25:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/03 | 21:13:00.0 | AOCS_ORe-point_Start_21_OG [0x0ab] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 03 00 00 00 00 | | | | |
| 2018/12/03 | 21:59:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/03 | 21:59:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/03 | 21:59:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/03 | 22:02:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/03 | 23:37:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/03 | 23:37:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/03 | 23:37:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/03 | 23:40:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/04 | 00:13:00.0 | AOCS_ORe-point_Start_18_OG [0x0a8] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 00 00 00 00 | | | | |
| 2018/12/04 | 01:12:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/04 | 01:12:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/04 | 01:12:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/04 | 01:14:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/04 | 01:14:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/04 | 01:14:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/04 | 01:15:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/04 | 01:17:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/04 | 02:36:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/04 | 02:36:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/04 | 02:36:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/04 | 02:39:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/04 | 04:07:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/04 | 04:07:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/04 | 04:07:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/04 | 04:10:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/04 | 05:43:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/04 | 05:43:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/04 | 05:43:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/04 | 05:46:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/12/04 | 06:20:30.0 | AOCS_ORe-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2018/12/04 | 06:30:30.0 | AOCS_ORe-point_Start_18_OG [0x0a8] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 00 00 00 00 | | | | |
| 2018/12/04 | 07:24:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/12/04 | 07:24:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/12/04 | 07:24:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/12/04 | 07:27:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|-------------------|--|--|--|--|--|
| 2018/12/04 | 09:03:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | |
| 2018/12/04 | 09:03:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | da | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | | |
| 2018/12/04 | 09:03:34.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e8 | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | | |
| 2018/12/04 | 09:06:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | | |
| 2018/12/04 | 10:45:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | | |
| 2018/12/04 | 10:45:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | da | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | | |
| 2018/12/04 | 10:45:04.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e8 | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | | |
| 2018/12/04 | 10:48:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | | |
| 2018/12/04 | 11:18:00.0 | AOCS_ORe-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 00 | | | | | |