

XRT Timeline to be uploaded on 2017/06/27

Period: 2017/06/27 10:46:00 - 2017/07/05 10:35:00

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Normal mode

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| XOB #1B8F: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 1st Quadrant - Al/mesh(512ms), Al/Poly(1443ms) - w leak image-1ms | | | | | | | | | | | | |
|--|-------------------------|--|--|--|--|--|------------------|--|--|--|--|--|
| Term | Pointing (x, y) | | | | | | Comment | | | | | |
| 06/28 12:12:00 - 06/28 12:14:54 | Fixed (-528.4, -528.4) | | | | | | XRT quadrant 1/4 | | | | | |
| PROG= 09 1-time(s) | | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 51 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (1536, 1536) Q=90 0 0 2.0sec | | | | | | | | | | | | |
| └─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (1536, 1536) Q=90 0 0 2.0sec | | | | | | | | | | | | |
| └─ Open/thick-Be Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (1536, 1536) Q=98 0 0 2.0sec | | | | | | | | | | | | |
| └─ Open/thick-Be Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (1536, 1536) Q=98 0 0 2.0sec | | | | | | | | | | | | |
| └─ Subr= 2 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 55 2-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Open/Al-mesh Open/Ti-poly close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | | | | | | | | | | | |
| └─ Al-poly/Open med-Be/Open close Safe Norm 1.41s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | | | | | | | | | | | |
| └─ Subr= 3 2-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 34 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 #1B90: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 2nd Quadrant - Al/mesh (512ms), Al/Poly (1443ms) - w leak image-1 ms | | | | | | | | | | | | |
|---|------------------------|--|--|--|--|--|---------|--|--|--|--|--|
| Term | Pointing (x, y) | | | | | | Comment | | | | | |
| 06/28 12:18:00 - 06/28 12:24:54 | Fixed (528.4, -528.4) | | | | | | 2/4 | | | | | |
| PROG= 01 1-time(s) | | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 38 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (512, 1536) Q=90 0 0 2.0sec | | | | | | | | | | | | |
| └─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (512, 1536) Q=90 0 0 2.0sec | | | | | | | | | | | | |
| └─ Open/thick-Be Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (512, 1536) Q=98 0 0 2.0sec | | | | | | | | | | | | |
| └─ Open/thick-Be Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (512, 1536) Q=98 0 0 2.0sec | | | | | | | | | | | | |
| └─ Subr= 2 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 55 2-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Open/Al-mesh Open/Ti-poly close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | | | | | | | | | | | |
| └─ Al-poly/Open med-Be/Open close Safe Norm 1.41s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | | | | | | | | | | | |
| └─ Subr= 3 2-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 34 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 #1B91: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 3rd Quadrant - Al/mesh (512ms), Al/Poly (1443ms) - w leak image-1 ms | | | | | | | | | | | | |
|---|-----------------------|--|--|--|--|--|---------|--|--|--|--|--|
| Term | Pointing (x, y) | | | | | | Comment | | | | | |
| 06/28 12:28:00 - 06/28 12:34:54 | Fixed (528.4, 528.4) | | | | | | 3/4 | | | | | |
| PROG= 14 1-time(s) | | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 21 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (512, 512) Q=90 0 0 2.0sec | | | | | | | | | | | | |
| └─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (512, 512) Q=90 0 0 2.0sec | | | | | | | | | | | | |
| └─ Open/thick-Be Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (512, 512) Q=98 0 0 2.0sec | | | | | | | | | | | | |
| └─ Open/thick-Be Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (512, 512) Q=98 0 0 2.0sec | | | | | | | | | | | | |
| └─ Subr= 2 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 55 2-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Open/Al-mesh Open/Ti-poly close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | | | | | | | | | | | |
| └─ Al-poly/Open med-Be/Open close Safe Norm 1.41s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | | | | | | | | | | | |
| └─ Subr= 3 2-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 34 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 #1B92: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 4th Quadrant - Al/mesh (512ms), Al/Poly (1443ms) - w leak image-1 ms | | | | | | | | | | | | |
|---|------------------------|--|--|--|--|--|---------|--|--|--|--|--|
| Term | Pointing (x, y) | | | | | | Comment | | | | | |
| 06/28 12:38:00 - 06/28 12:44:54 | Fixed (-528.4, 528.4) | | | | | | 4/4 | | | | | |
| PROG= 20 1-time(s) | | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 14 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (1536, 512) Q=90 0 0 2.0sec | | | | | | | | | | | | |
| └─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (1536, 512) Q=90 0 0 2.0sec | | | | | | | | | | | | |
| └─ Open/thick-Be Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (1536, 512) Q=98 0 0 2.0sec | | | | | | | | | | | | |
| └─ Open/thick-Be Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (1536, 512) Q=98 0 0 2.0sec | | | | | | | | | | | | |
| └─ Subr= 2 1-time(s) 2.0sec | | | | | | | | | | | | |

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|----------------------------------|------------------|-------|------|-------|-------|-----|-----|------------------------|-------|------------|----------|--------|
| 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= 27 1-time(s) 2.0sec | | | | | | | | | | | | |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 63ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 500ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 2.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 99 1-time(s) 2.0sec | | | | | | | | | | | | |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 44ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 500ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Al-poly/Open | Al-poly/thick-Al | close | Safe | Norm | 4.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 85 1-time(s) 2.0sec | | | | | | | | | | | | |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 354ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 2.83s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 16.0s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 23 1-time(s) 2.0sec | | | | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 2048x2048 (1024, 1024) | Q=90 | 0 | 0 | 2.0sec |
| Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

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|---|--|-------|-----------------|-------|-------|------------------------------|-----|----------------------|-------|------------|----------|--------|
| XOB #1BA1: HOP336 1-filter - Al/poly -384x384, 512ms and 4s, 60s-cadence, G-band - 384x384 1ms | | | | | | | | | | | | |
| Term | | | Pointing (x, y) | | | | | Comment | | | | |
| 06/29 06:28:30 - 06/29 11:25:24 | Track (169.5, -82.8) @ 06/29 06:25:30 | | | | | BP in QS (3/3) | | | | | | |
| 07/03 21:03:00 - 07/04 03:39:00 | Track (-42.0, 577.0) @ 07/03 21:00:00 | | | | | IHOP336 (Northan Hemisphere) | | | | | | |
| PROG= 08 Inf.-time(s) | | | | | | | | | | | | |
| Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | |
| Seqn= 16 2-time(s) 2.0sec | | | | | | | | | | | | |
| Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1064, 1048) | DPCM | 0 | 0 | 2.0sec |
| Subr= 2 1-time(s) 2.0sec | | | | | | | | | | | | |
| Seqn= 90 1-time(s) 30.0sec | | | | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=90 | 0 | 0 | 2.0sec |
| Subr= 3 15-time(s) 2.0sec | | | | | | | | | | | | |
| Seqn= 68 1-time(s) 60.0sec | | | | | | | | | | | | |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 4.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=90 | 0 | 0 | 2.0sec |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=90 | 0 | 0 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

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|--|--|-------|-----------------|-------|-------|--------------------------|-----|----------------------|-------|------------|----------|---------|
| XOB #1BA3: AR Standard-A(Filter-Ratio with Al/poly and thin-Be) with PFB, 384x384 at 1064 1048, thin-Be, thick-Al, Al/Poly context, with G-band (1ms/1ms) | | | | | | | | | | | | |
| Term | | | Pointing (x, y) | | | | | Comment | | | | |
| 06/29 11:28:30 - 06/29 17:08:30 | Track (556.2, 216.5) @ 06/29 11:25:30 | | | | | AR12664 HOP304 (16-23UT) | | | | | | |
| 06/29 18:07:00 - 06/30 05:37:54 | Track (601.0, 217.9) @ 06/29 18:04:00 | | | | | AR12664 HOP304(16-23UT) | | | | | | |
| 06/30 05:51:00 - 06/30 17:44:00 | Track (674.0, 220.6) @ 06/30 05:48:00 | | | | | AR12664 HOP304 (16-23UT) | | | | | | |
| 06/30 18:40:00 - 07/01 05:01:00 | Track (744.0, 224.2) @ 06/30 18:37:00 | | | | | AR12664 HOP304 (16-23UT) | | | | | | |
| 07/01 06:11:00 - 07/01 17:59:54 | Track (797.2, 227.9) @ 07/01 06:08:00 | | | | | (AR12664 cont.) | | | | | | |
| 07/01 18:13:00 - 07/02 05:37:30 | Track (842.4, 232.2) @ 07/01 18:10:00 | | | | | (AR12664 cont.) | | | | | | |
| 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 |
| Seqn= 42 3-time(s) 2.0sec | | | | | | | | | | | | |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 5.66s | Obs | 1x1 | 512x512 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| Open/thick-Al | Open/thick-Al | close | Safe | Norm | 16.0s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| Seqn= 32 40-time(s) 90.0sec | | | | | | | | | | | | |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 34.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 1 | 2.0sec |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 1 | 34.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 2 | 2.0sec |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 2 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

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|---|-----------------------|--|-----------------|--|--|-----------------------------|--|---------|--|--|--|--|
| XOB #1B95: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 90s cad (G-band/Leak first) | | | | | | | | | | | | |
| Term | | | Pointing (x, y) | | | | | Comment | | | | |
| 07/02 06:36:35 - 07/02 17:16:30 | Fixed (873.0, 243.0) | | | | | AR12664 on the limb (fixed) | | | | | | |
| 07/02 18:13:00 - 07/03 05:45:54 | Fixed (873.0, 243.0) | | | | | (cont.) | | | | | | |
| 07/03 05:59:00 - 07/03 17:37:24 | Fixed (873.0, 243.0) | | | | | (cont.) | | | | | | |
| 07/03 17:50:30 - 07/03 20:59:54 | Fixed (873.0, 243.0) | | | | | (cont.) | | | | | | |
| 07/04 04:15:07 - 07/04 05:09:30 | Fixed (873.0, 243.0) | | | | | AR12664 (cont.) | | | | | | |
| 07/04 06:13:00 - 07/04 10:10:00 | Fixed (873.0, 243.0) | | | | | (cont.) | | | | | | |
| PROG= 11 Inf.-time(s) | | | | | | | | | | | | |
| Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | |
| Seqn= 30 1-time(s) 2.0sec | | | | | | | | | | | | |

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|-----------------------------------|----------------|-------|------|-------|-------|-----|-----|------------------------|-------|------------|----------|--------|
| Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 1024x1024 (1536, 1536) | Q=90 | 0 | 0 | 2.0sec |
| Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 1024x1024 (1536, 1536) | Q=95 | 0 | 0 | 2.0sec |
| Subr= 2 40-time(s) 90.0sec | | | | | | | | | | | | |
| 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 | |

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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 |
|---------------------------------|--|------------------------------|
| 06/28 18:57:06 - 06/29 05:29:00 | Track (429.2, 213.9) @ 06/28 18:07:00 | AR12664 HOP304 (16-23UT) |
| 06/29 06:28:30 - 06/29 11:25:24 | Track (169.5, -82.8) @ 06/29 06:25:30 | BP in QS (3/3) |
| 06/29 11:28:30 - 06/29 17:08:30 | Track (556.2, 216.5) @ 06/29 11:25:30 | AR12664 HOP304 (16-23UT) |
| 06/29 18:07:00 - 06/30 05:37:54 | Track (601.0, 217.9) @ 06/29 18:04:00 | AR12664 HOP304(16-23UT) |
| 06/30 05:51:00 - 06/30 17:44:00 | Track (674.0, 220.6) @ 06/30 05:48:00 | AR12664 HOP304 (16-23UT) |
| 06/30 18:40:00 - 07/01 05:01:00 | Track (744.0, 224.2) @ 06/30 18:37:00 | AR12664 HOP304 (16-23UT) |
| 07/01 06:11:00 - 07/01 17:59:54 | Track (797.2, 227.9) @ 07/01 06:08:00 | (AR12664 cont.) |
| 07/01 18:13:00 - 07/02 05:37:30 | Track (842.4, 232.2) @ 07/01 18:10:00 | (AR12664 cont.) |
| 07/02 06:36:35 - 07/02 17:16:30 | Fixed (873.0, 243.0) | AR12664 on the limb (fixed) |
| 07/02 18:13:00 - 07/03 05:45:54 | Fixed (873.0, 243.0) | (cont.) |
| 07/03 05:59:00 - 07/03 17:37:24 | Fixed (873.0, 243.0) | (cont.) |
| 07/03 17:50:30 - 07/03 20:59:54 | Fixed (873.0, 243.0) | (cont.) |
| 07/03 21:03:00 - 07/04 03:39:00 | Track (-42.0, 577.0) @ 07/03 21:00:00 | IHOP336 (Northan Hemisphere) |
| 07/04 04:15:07 - 07/04 05:09:30 | Fixed (873.0, 243.0) | AR12664 (cont.) |
| 07/04 06:13:00 - 07/04 10:10:00 | Fixed (873.0, 243.0) | (cont.) |

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

* * * * *

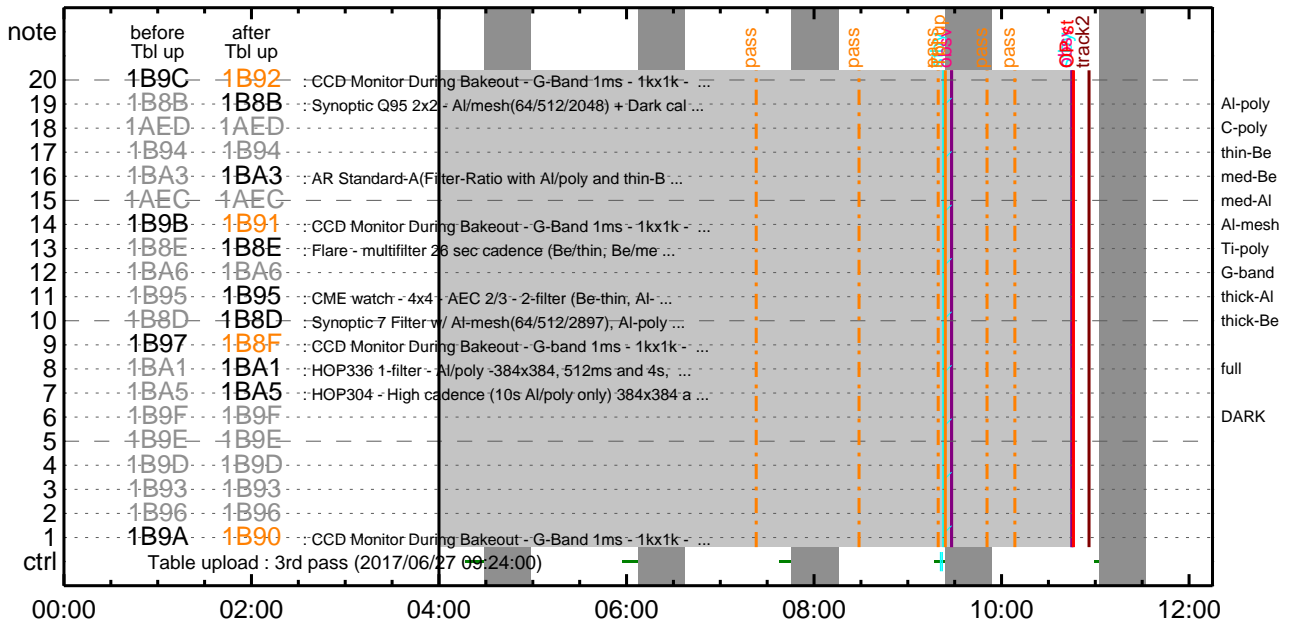
Flare Detection

* * * * *

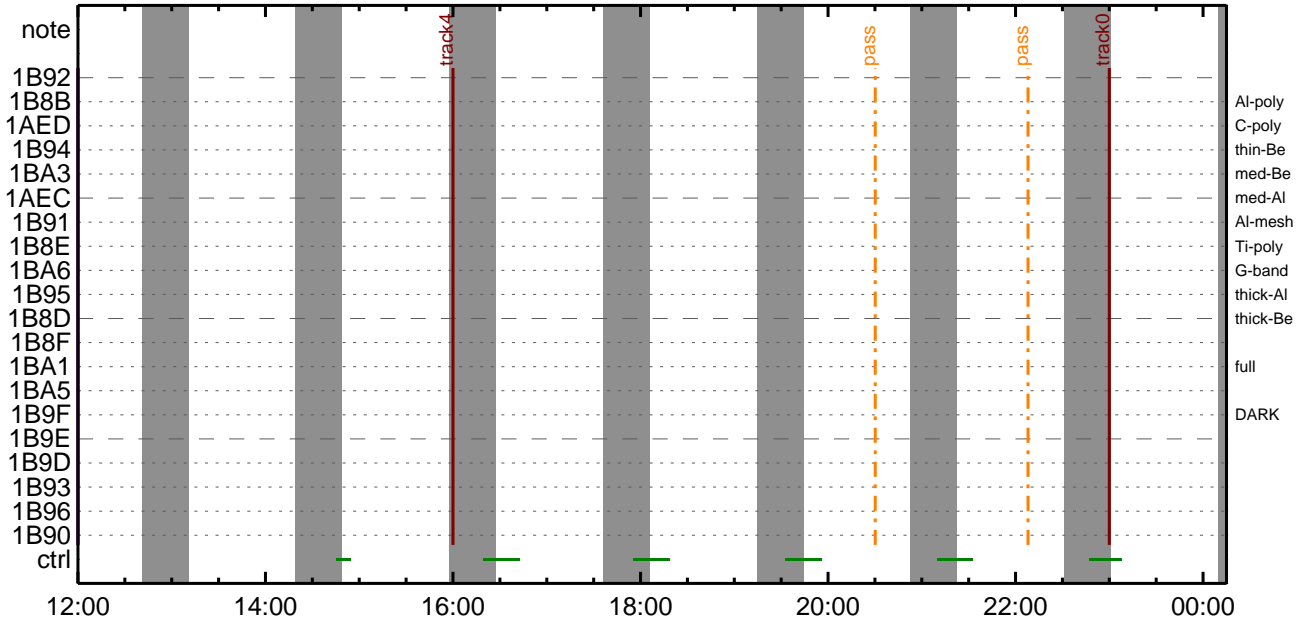
FLD Patrol

| Term | Pointing (x, y) | Comment | | | | | | | | | |
|---------------------------------|--|-----------------------------|------|-------|------|-----|-----|--------------------|-------|------------|----------|
| 06/28 18:54:24 - 06/29 06:15:48 | Track (429.2, 213.9) @ 06/28 18:07:00 | AR12664 HOP304 (16-23UT) | | | | | | | | | |
| 06/29 06:25:48 - 06/29 17:54:18 | Track (169.5, -82.8) @ 06/29 06:25:30 | BP in QS (3/3) | | | | | | | | | |
| 06/29 18:04:18 - 06/30 05:38:18 | Track (601.0, 217.9) @ 06/29 18:04:00 | AR12664 HOP304(16-23UT) | | | | | | | | | |
| 06/30 05:48:18 - 06/30 18:27:18 | Track (674.0, 220.6) @ 06/30 05:48:00 | AR12664 HOP304 (16-23UT) | | | | | | | | | |
| 06/30 18:37:18 - 07/01 05:58:18 | Track (744.0, 224.2) @ 06/30 18:37:00 | AR12664 HOP304 (16-23UT) | | | | | | | | | |
| 07/01 06:08:18 - 07/01 18:00:18 | Track (797.2, 227.9) @ 07/01 06:08:00 | (AR12664 cont.) | | | | | | | | | |
| 07/01 18:10:18 - 07/02 06:23:48 | Track (842.4, 232.2) @ 07/01 18:10:00 | (AR12664 cont.) | | | | | | | | | |
| 07/02 06:33:53 - 07/02 18:00:18 | Fixed (873.0, 243.0) | AR12664 on the limb (fixed) | | | | | | | | | |
| 07/02 18:10:18 - 07/03 05:46:18 | Fixed (873.0, 243.0) | (cont.) | | | | | | | | | |
| 07/03 05:56:18 - 07/03 17:37:48 | Fixed (873.0, 243.0) | (cont.) | | | | | | | | | |
| 07/03 17:47:48 - 07/04 06:00:18 | Fixed (873.0, 243.0) | (cont.) | | | | | | | | | |
| 07/04 06:10:18 - 07/05 10:35:00 | Fixed (873.0, 243.0) | (cont.) | | | | | | | | | |
| 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 |

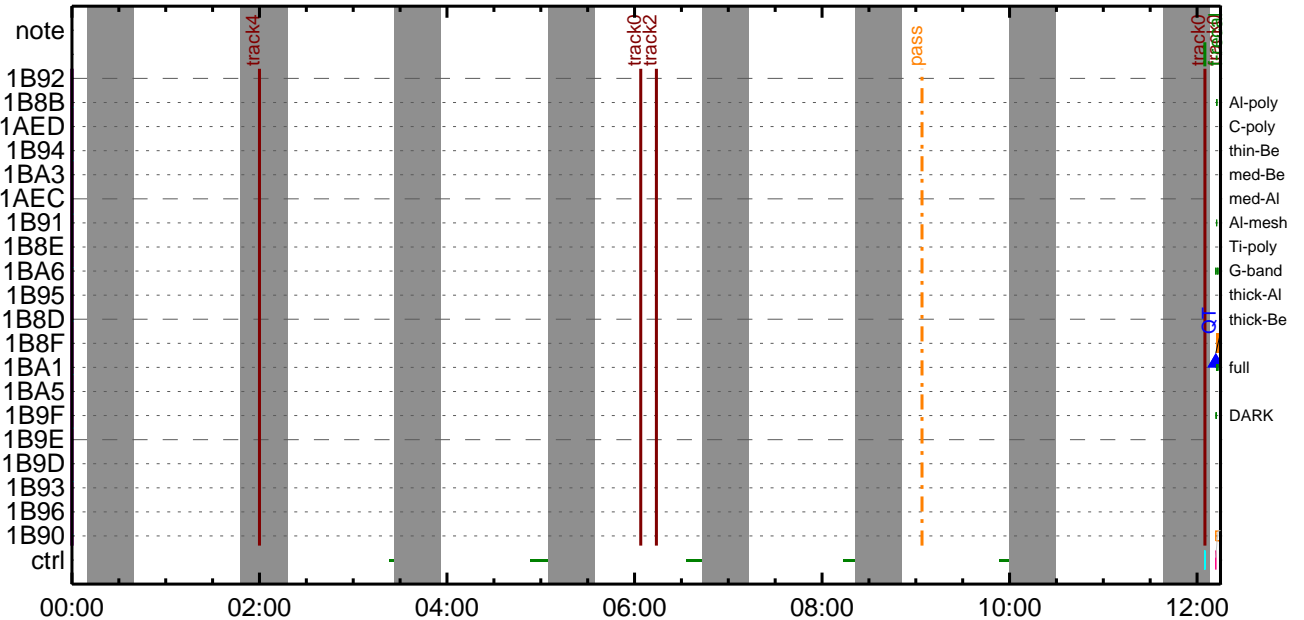
CMDI #0830 2017/06/27



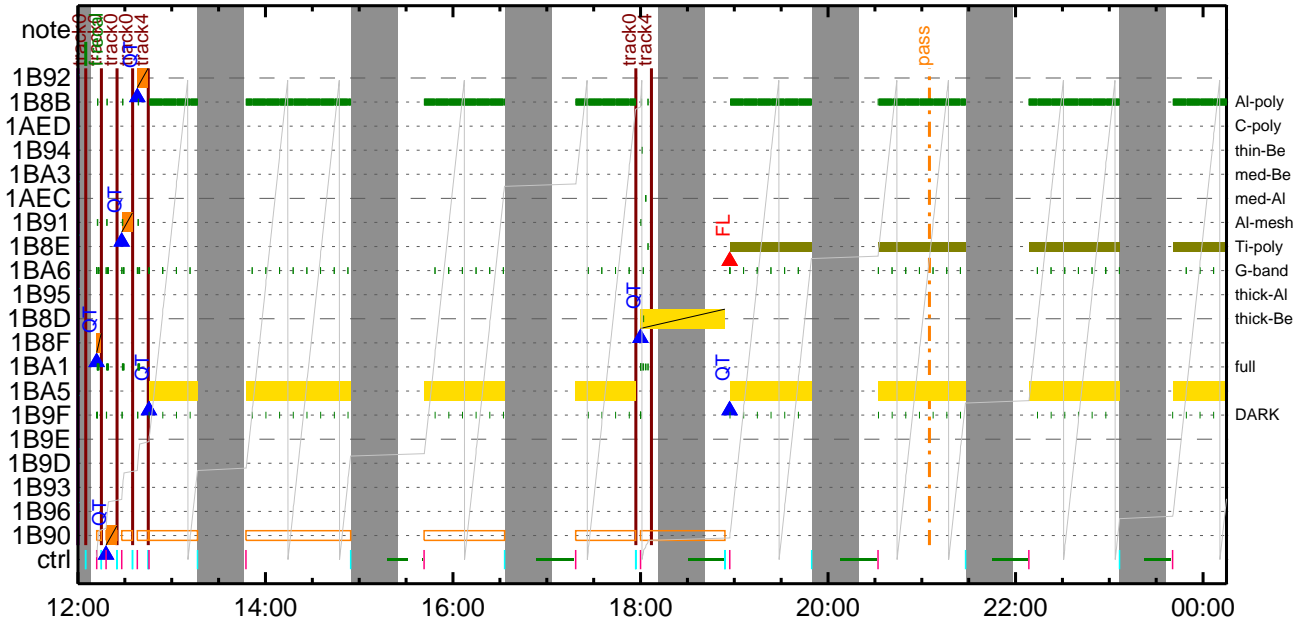
CMDI #0830 2017/06/27



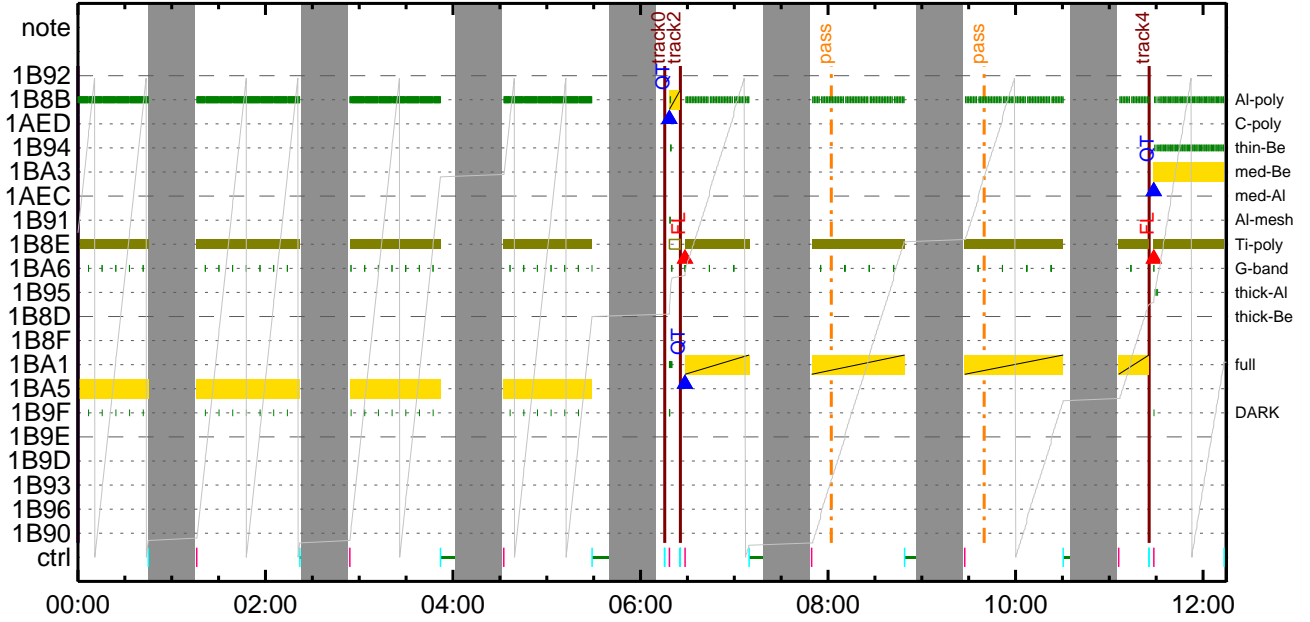
CMDI #0830 2017/06/28



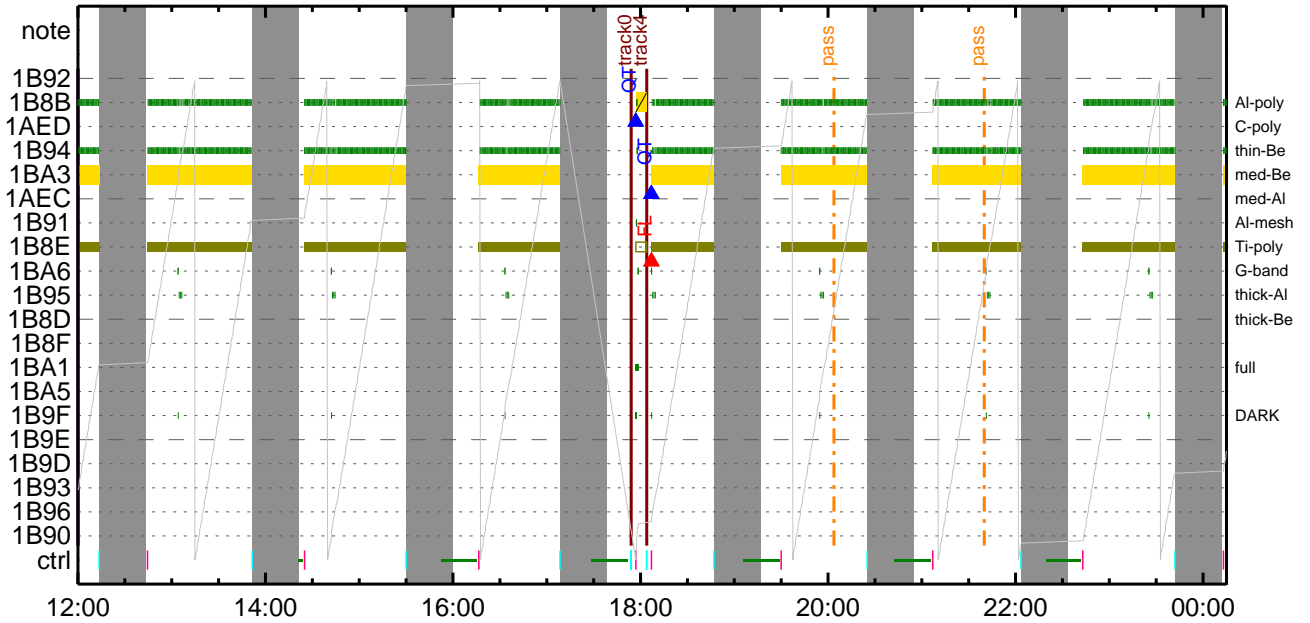
CMDI #0830 2017/06/28



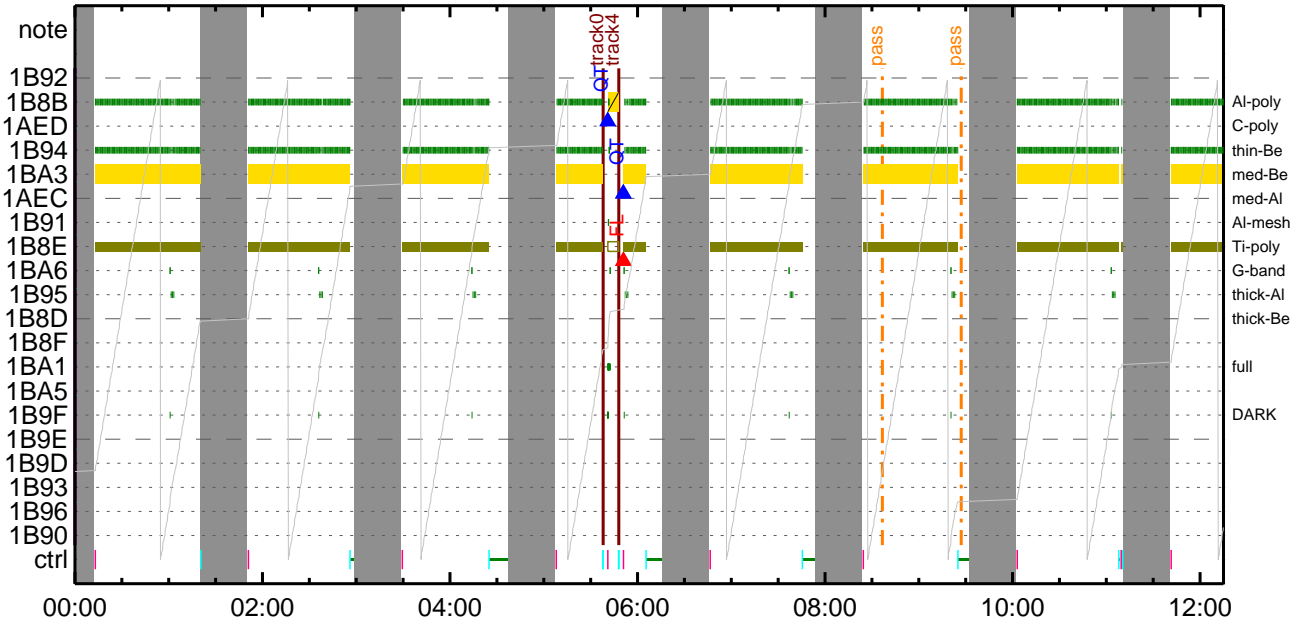
CMDI #0830 2017/06/29



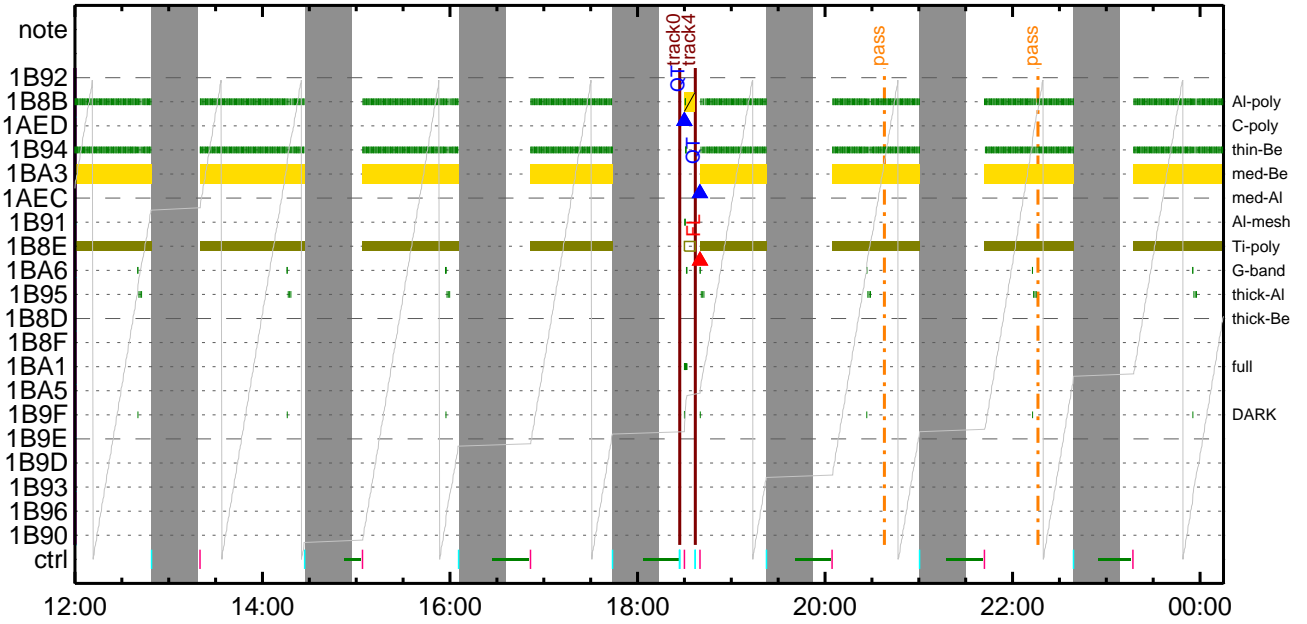
CMDI #0830 2017/06/29



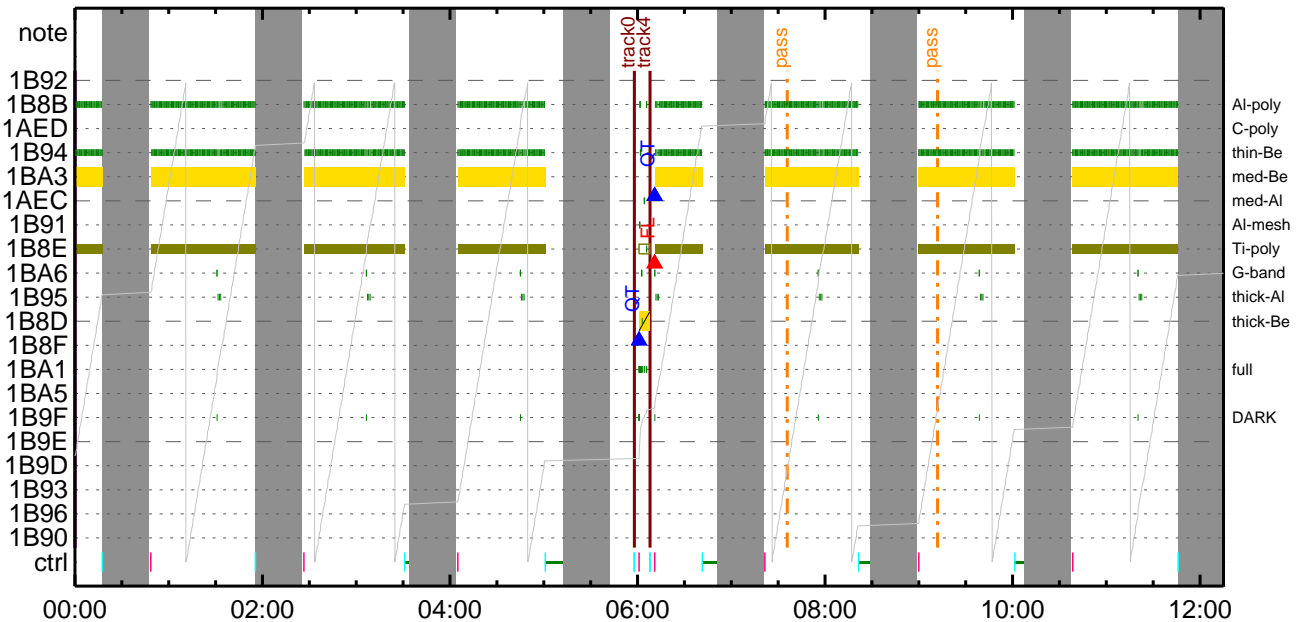
CMDI #0830 2017/06/30



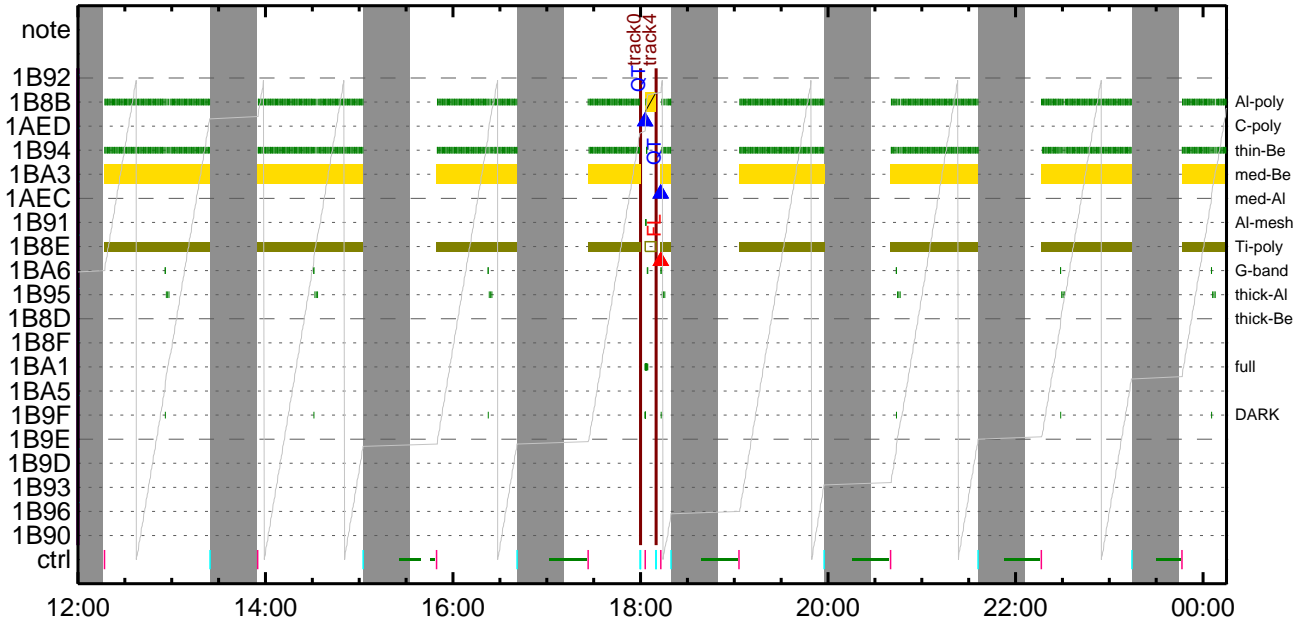
CMDI #0830 2017/06/30



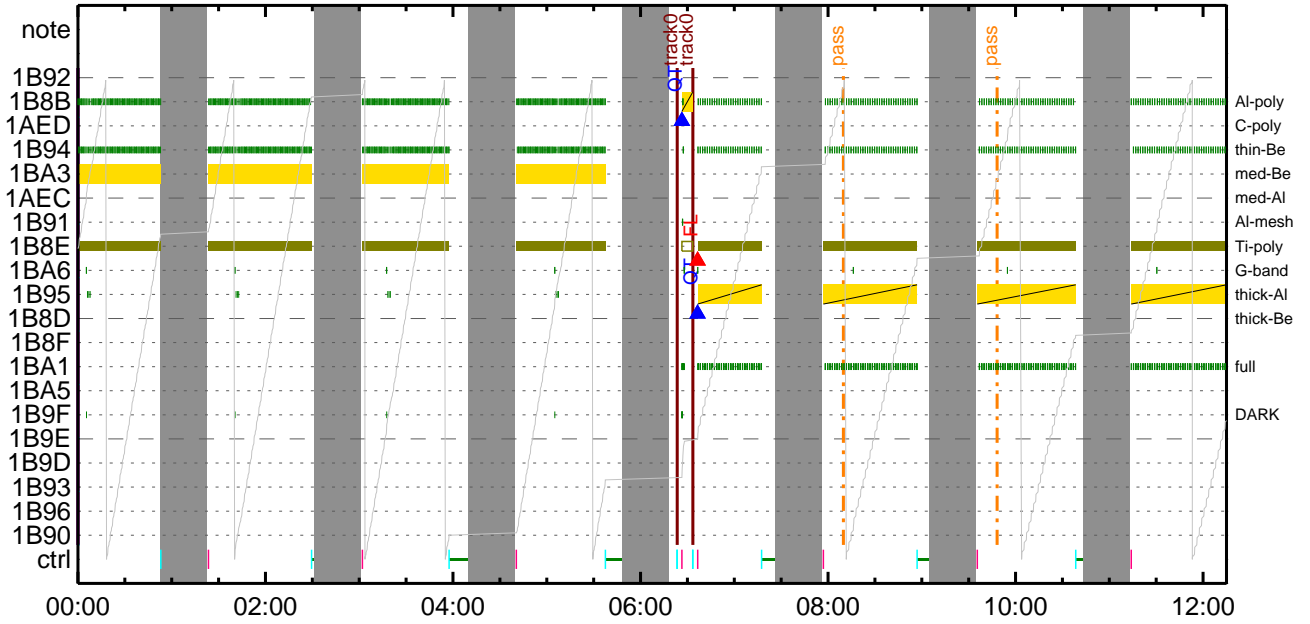
CMDI #0830 2017/07/01



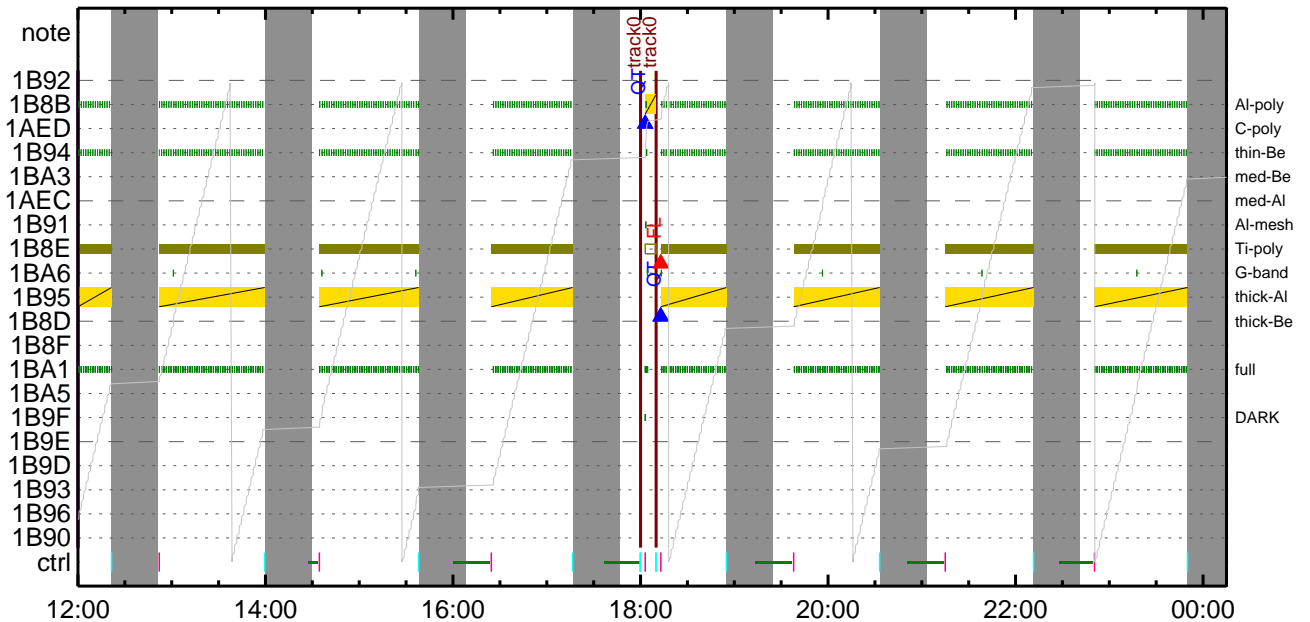
CMDI #0830 2017/07/01



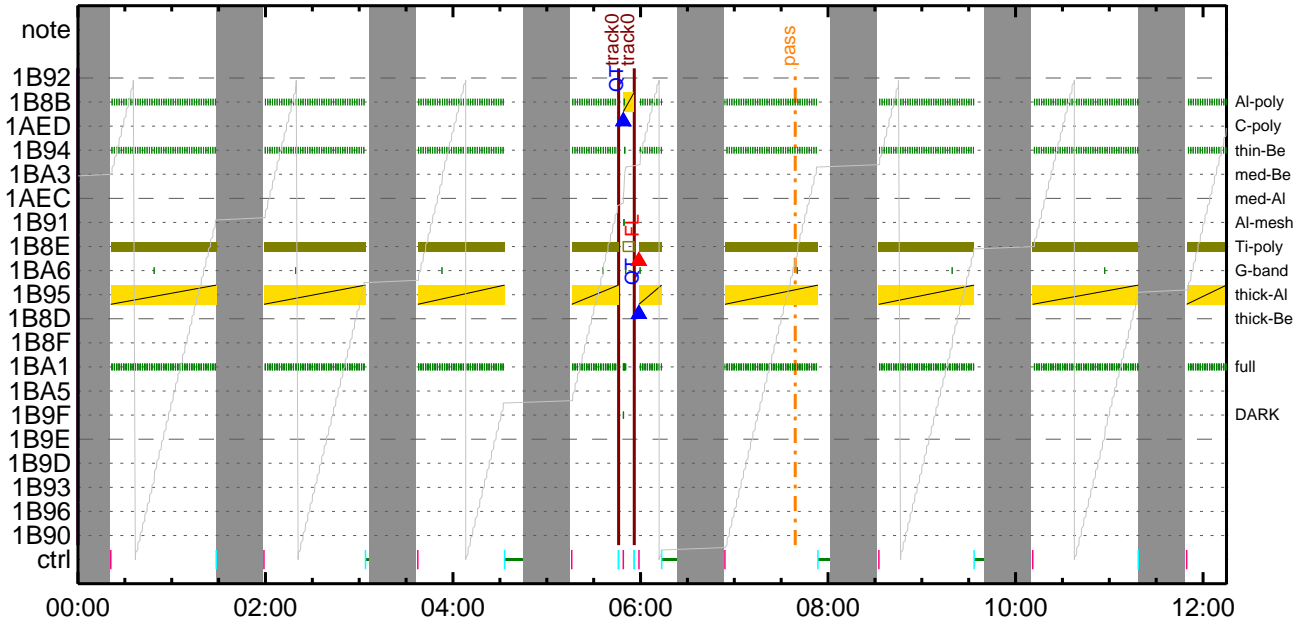
CMDI #0830 2017/07/02



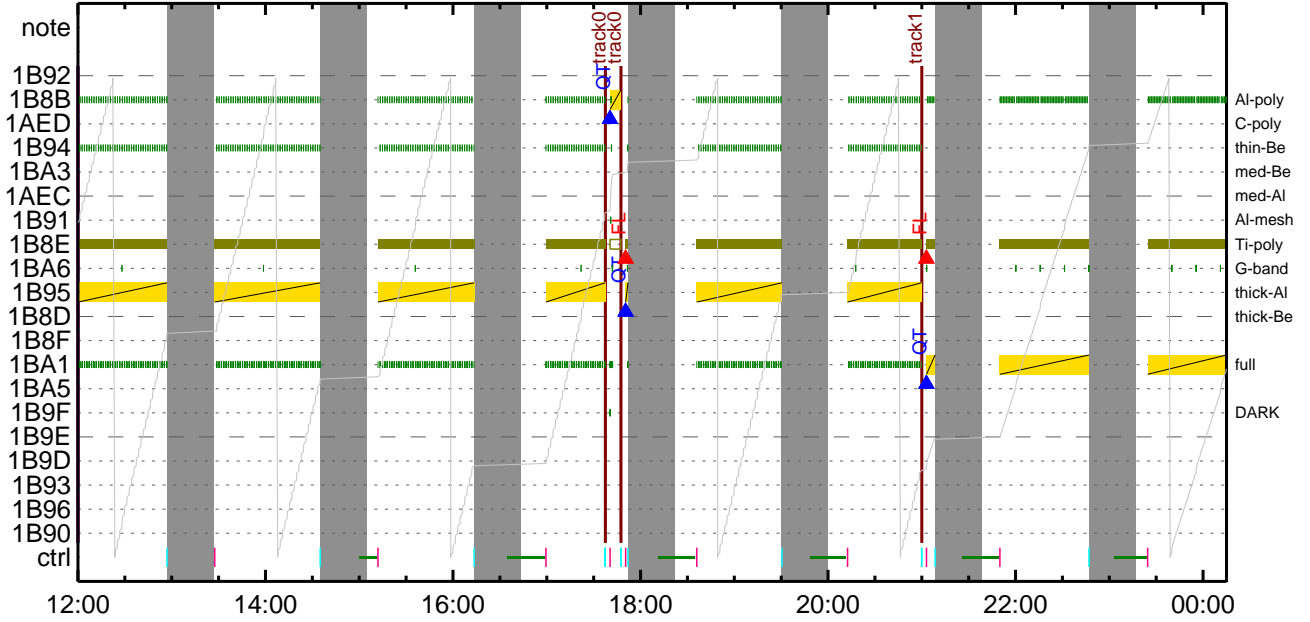
CMDI #0830 2017/07/02



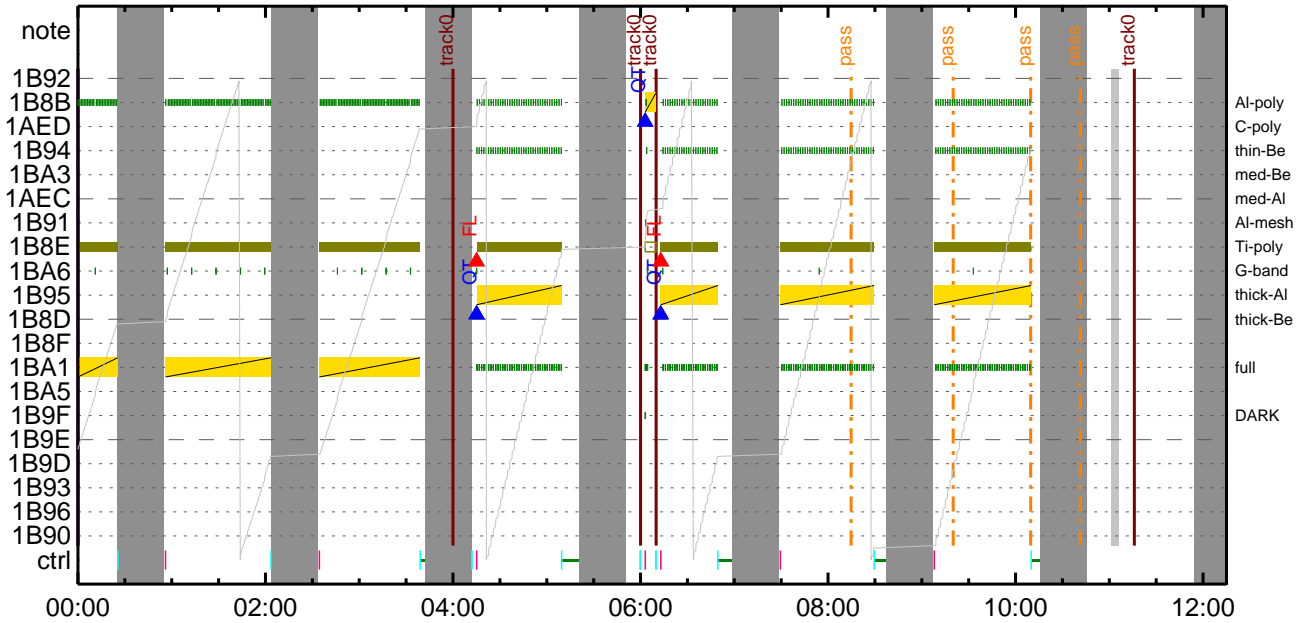
CMDI #0830 2017/07/03



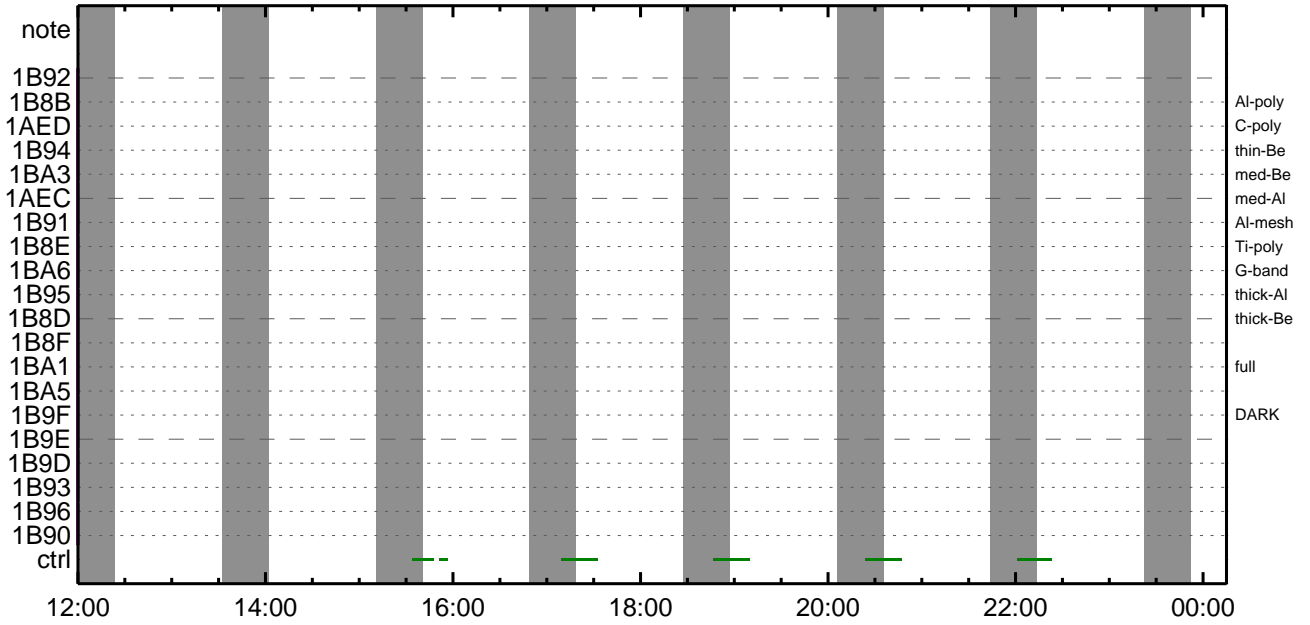
CMDI #0830 2017/07/03



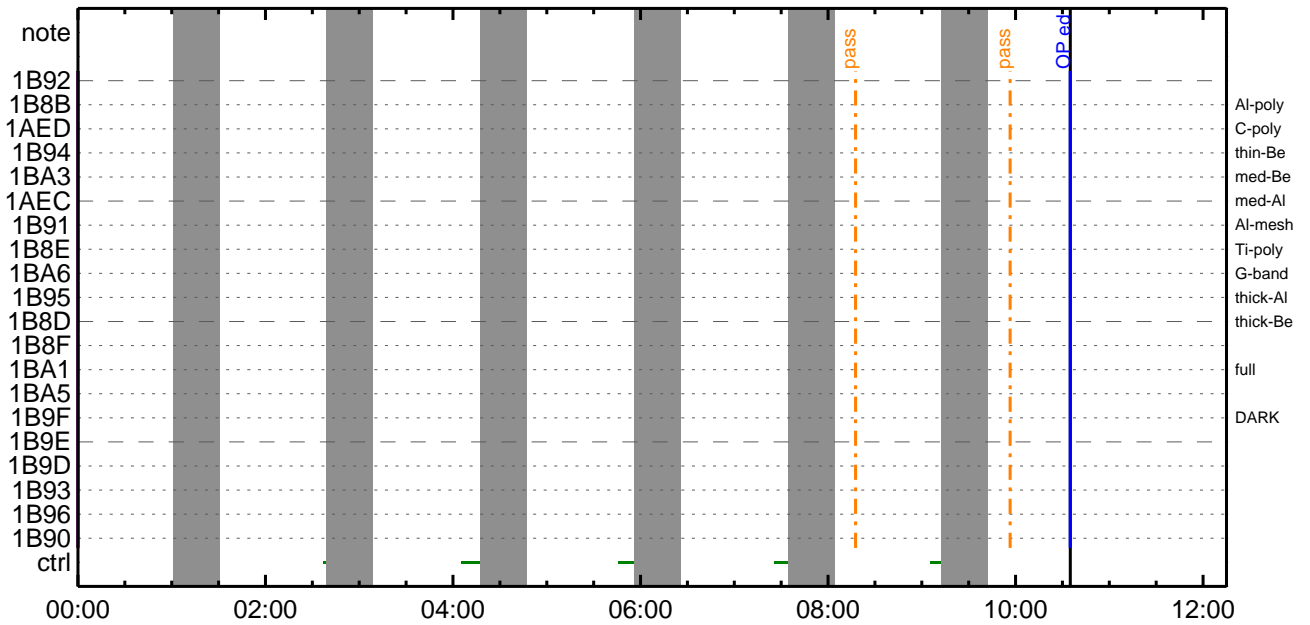
CMDI #0830 2017/07/04



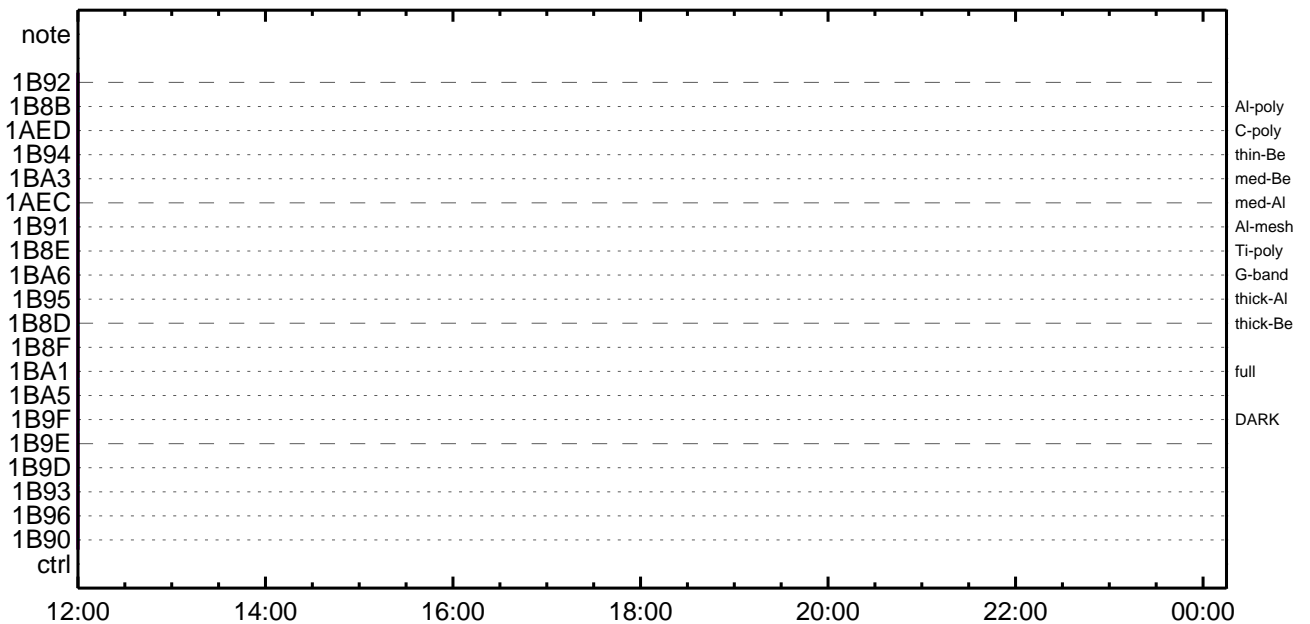
CMDI #0830 2017/07/04



CMDI #0830 2017/07/05



CMDI #0830 2017/07/05




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


*** OP Sequence for XRT ***

| | | | | | | | | | |
|------------|------------|---|---|-------|----|----|----|----|----|
| 2017/06/27 | 10:56:00.0 | AOCS_ORe-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 | 00 | 00 | 00 | 00 |
| 2017/06/27 | 16:00:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 | 00 | 00 | 00 | 00 |
| 2017/06/27 | 23:00:00.0 | AOCS_ORe-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | f5 | aa | 53 | 33 |
| 2017/06/28 | 02:00:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 | 00 | 00 | 00 | 00 |
| 2017/06/28 | 06:04:00.0 | AOCS_ORe-point_Start_4_OG [0x09a] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| 2017/06/28 | 06:05:00.0 | XRT_TCIB_XRT_S_HTR_A_DIS_428_OG [0x1ac] | | | | | | | |
| | | TCIB_XRT_S_HTR_A_DIS | 0 | 04-C0 | | | | | |
| 2017/06/28 | 06:14:00.0 | AOCS_ORe-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 | 00 | 00 | 00 | 00 |
| 2017/06/28 | 12:04:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/06/28 | 12:04:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/06/28 | 12:04:58.0 | XRT_FOCUS_RECALIBRATE_416_OG [0x1a0] | | | | | | | |
| | | XRT_FOCUS_RECAL | 2 | 07-F8 | 78 | 00 | | | |
| 2017/06/28 | 12:05:00.0 | AOCS_ORe-point_Start_5_OG [0x09b] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 2e | f9 | 2e | f9 |
| 2017/06/28 | 12:08:58.0 | XRT_FOCUS_POSITION_442_OG [0x1ba] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2017/06/28 | 12:09:18.0 | XRT_FLD_DIS_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2017/06/28 | 12:09:20.0 | XRT_FLRCTRL_DIS_438_OG [0x1b6] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2017/06/28 | 12:11:56.0 | XRT_ARS_DIS_445_OG [0x1bd] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2017/06/28 | 12:11:58.0 | XRT_QT_PROG_SET_443_OG [0x1bb] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 09 | | | |
| 2017/06/28 | 12:12:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/06/28 | 12:14:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/06/28 | 12:14:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/06/28 | 12:14:58.0 | XRT_FOCUS_POSITION_442_OG [0x1ba] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2017/06/28 | 12:15:00.0 | AOCS_ORe-point_Start_6_OG [0x09c] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 2e | f9 | d1 | 07 |
| 2017/06/28 | 12:15:18.0 | XRT_FLD_DIS_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2017/06/28 | 12:15:20.5 | XRT_FLRCTRL_DIS_438_OG [0x1b6] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2017/06/28 | 12:17:56.5 | XRT_ARS_DIS_445_OG [0x1bd] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2017/06/28 | 12:17:58.5 | XRT_QT_PROG_SET_404_OG [0x194] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 01 | | | |
| 2017/06/28 | 12:18:00.5 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/06/28 | 12:24:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/06/28 | 12:24:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/06/28 | 12:24:58.0 | XRT_FOCUS_POSITION_442_OG [0x1ba] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2017/06/28 | 12:25:00.0 | AOCS_ORe-point_Start_7_OG [0x09d] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | d1 | 07 | d1 | 07 |
| 2017/06/28 | 12:25:18.0 | XRT_FLD_DIS_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2017/06/28 | 12:25:20.0 | XRT_FLRCTRL_DIS_438_OG [0x1b6] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2017/06/28 | 12:27:56.0 | XRT_ARS_DIS_445_OG [0x1bd] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2017/06/28 | 12:27:58.0 | XRT_QT_PROG_SET_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0e | | | |
| 2017/06/28 | 12:28:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/06/28 | 12:34:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/06/28 | 12:34:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/06/28 | 12:34:58.0 | XRT_FOCUS_POSITION_442_OG [0x1ba] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2017/06/28 | 12:35:00.0 | AOCS_ORe-point_Start_8_OG [0x09e] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | d1 | 07 | 2e | f9 |
| 2017/06/28 | 12:35:18.0 | XRT_FLD_DIS_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2017/06/28 | 12:35:20.0 | XRT_FLRCTRL_DIS_438_OG [0x1b6] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2017/06/28 | 12:37:56.0 | XRT_ARS_DIS_445_OG [0x1bd] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2017/06/28 | 12:37:58.0 | XRT_QT_PROG_SET_446_OG [0x1be] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 14 | | | |
| 2017/06/28 | 12:38:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/06/28 | 12:44:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/06/28 | 12:44:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |

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XRT_OGLIST_0830.chk

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| | | | | | | | |
|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|
| 2017/06/28 | 12:44:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| | | XRT_FOCUS_POSITION | | 4 | 07-F8 | 22 fe 97 00 | |
| 2017/06/28 | 12:45:00.0 | AOCS_Orе-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 04 00 00 00 00 | |
| 2017/06/28 | 12:45:18.0 | XRT_FLD_DIS_420_OG [0x1a4] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2017/06/28 | 12:45:20.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2017/06/28 | 12:45:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2017/06/28 | 12:45:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2017/06/28 | 12:45:26.0 | XRT_QT_PROG_SET_401_OG [0x191] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 07 | |
| 2017/06/28 | 12:45:28.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/06/28 | 13:16:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/06/28 | 13:16:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/06/28 | 13:16:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/06/28 | 13:19:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/06/28 | 13:46:30.5 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/06/28 | 13:47:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/06/28 | 14:54:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/06/28 | 14:54:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/06/28 | 14:54:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/06/28 | 14:57:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/06/28 | 15:40:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/06/28 | 15:41:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/06/28 | 16:33:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/06/28 | 16:33:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/06/28 | 16:33:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/06/28 | 16:36:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/06/28 | 17:17:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/06/28 | 17:18:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/06/28 | 17:56:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/06/28 | 17:56:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/06/28 | 17:56:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2017/06/28 | 17:57:00.0 | AOCS_Orе-point_Start_4_OG [0x09a] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | |
| 2017/06/28 | 17:57:18.0 | XRT_FLD_DIS_425_OG [0x1a9] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2017/06/28 | 17:59:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2017/06/28 | 17:59:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2017/06/28 | 17:59:58.0 | XRT_QT_PROG_SET_414_OG [0x19e] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0a | |
| 2017/06/28 | 18:00:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/06/28 | 18:07:00.0 | AOCS_Orе-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 04 00 00 00 00 | |
| 2017/06/28 | 18:54:00.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/06/28 | 18:54:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/06/28 | 18:54:04.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2017/06/28 | 18:54:24.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2017/06/28 | 18:54:26.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2017/06/28 | 18:54:28.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2017/06/28 | 18:54:30.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2017/06/28 | 18:54:32.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/06/28 | 18:57:02.0 | XRT_QT_PROG_SET_401_OG [0x191] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 07 | |
| 2017/06/28 | 18:57:04.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | |
| 2017/06/28 | 18:57:06.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/06/28 | 19:49:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|
| 2017/06/28 | 19:49:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/06/28 | 19:49:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/06/28 | 19:52:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/06/28 | 20:31:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/06/28 | 20:32:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/06/28 | 21:28:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/06/28 | 21:28:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/06/28 | 21:28:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/06/28 | 21:31:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/06/28 | 22:07:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/06/28 | 22:08:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/06/28 | 23:06:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/06/28 | 23:06:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/06/28 | 23:06:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/06/28 | 23:09:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/06/28 | 23:39:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/06/28 | 23:40:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/06/29 | 00:45:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/06/29 | 00:45:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/06/29 | 00:45:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/06/29 | 00:48:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/06/29 | 01:15:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/06/29 | 01:16:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/06/29 | 02:22:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/06/29 | 02:22:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/06/29 | 02:22:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/06/29 | 02:25:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/06/29 | 02:53:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/06/29 | 02:54:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/06/29 | 03:52:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/06/29 | 03:52:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/06/29 | 03:52:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/06/29 | 03:55:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/06/29 | 04:31:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/06/29 | 04:32:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/06/29 | 05:29:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/06/29 | 05:29:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/06/29 | 05:29:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/06/29 | 05:32:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/06/29 | 06:15:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/06/29 | 06:15:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/06/29 | 06:15:28.0 | XRT_FOCUS_POSITION_403_OG [0x193] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/06/29 | 06:15:30.0 | AOCS_OrE-point_Start_4_OG [0x09a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2017/06/29 | 06:15:48.0 | XRT_FLD_DIS_425_OG [0x1a9] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2017/06/29 | 06:18:24.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2017/06/29 | 06:18:26.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2017/06/29 | 06:18:28.0 | XRT_QT_PROG_SET_432_OG [0x1b0] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2017/06/29 | 06:18:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 13 |
| 2017/06/29 | 06:25:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/06/29 | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |

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| 2017/06/29 | 06:25:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/06/29 | 06:25:28.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2017/06/29 | 06:25:30.0 | AOCS_OrE-point_Start_1_OG [0x097] | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 |
| 2017/06/29 | 06:25:48.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2017/06/29 | 06:25:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2017/06/29 | 06:25:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2017/06/29 | 06:25:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2017/06/29 | 06:25:56.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/06/29 | 06:28:26.0 | XRT_QT_PROG_SET_417_OG [0x1a1] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 08 |
| 2017/06/29 | 06:28:28.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d |
| 2017/06/29 | 06:28:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/06/29 | 07:09:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/06/29 | 07:09:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/06/29 | 07:09:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/06/29 | 07:12:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/06/29 | 07:48:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2017/06/29 | 07:49:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/06/29 | 08:49:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/06/29 | 08:49:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/06/29 | 08:49:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/06/29 | 08:52:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/06/29 | 09:26:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2017/06/29 | 09:27:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/06/29 | 10:30:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/06/29 | 10:30:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/06/29 | 10:30:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/06/29 | 10:33:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/06/29 | 11:05:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2017/06/29 | 11:06:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/06/29 | 11:25:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/06/29 | 11:25:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/06/29 | 11:25:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2017/06/29 | 11:25:30.0 | AOCS_OrE-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 04 00 00 00 00 |
| 2017/06/29 | 11:25:48.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2017/06/29 | 11:25:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2017/06/29 | 11:25:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2017/06/29 | 11:25:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2017/06/29 | 11:25:56.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/06/29 | 11:28:26.0 | XRT_QT_PROG_SET_421_OG [0x1a5] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 10 |
| 2017/06/29 | 11:28:28.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d |
| 2017/06/29 | 11:28:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/06/29 | 12:13:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/06/29 | 12:13:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/06/29 | 12:13:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/06/29 | 12:16:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/06/29 | 12:43:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2017/06/29 | 12:44:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/06/29 | 13:51:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/06/29 | 13:51:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | |

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| 2017/06/29 | 13:51:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/06/29 | 13:54:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/06/29 | 14:24:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/06/29 | 14:25:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/06/29 | 15:30:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/06/29 | 15:30:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/06/29 | 15:30:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/06/29 | 15:33:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/06/29 | 16:15:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/06/29 | 16:16:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/06/29 | 17:08:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/06/29 | 17:08:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/06/29 | 17:08:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/06/29 | 17:11:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/06/29 | 17:53:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/06/29 | 17:53:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/06/29 | 17:53:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2017/06/29 | 17:54:00.0 | AOCS_ORe-point_Start_4_OG [0x09a] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | |
| 2017/06/29 | 17:54:18.0 | XRT_FLD_DIS_425_OG [0x1a9] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2017/06/29 | 17:56:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2017/06/29 | 17:56:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2017/06/29 | 17:56:58.0 | XRT_QT_PROG_SET_432_OG [0x1b0] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 13 | |
| 2017/06/29 | 17:57:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/06/29 | 18:03:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/06/29 | 18:03:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/06/29 | 18:03:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2017/06/29 | 18:04:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 04 00 00 00 00 | |
| 2017/06/29 | 18:04:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2017/06/29 | 18:04:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2017/06/29 | 18:04:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2017/06/29 | 18:04:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2017/06/29 | 18:04:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/06/29 | 18:06:56.0 | XRT_QT_PROG_SET_421_OG [0x1a5] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 10 | |
| 2017/06/29 | 18:06:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | |
| 2017/06/29 | 18:07:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/06/29 | 18:47:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/06/29 | 18:47:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/06/29 | 18:47:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/06/29 | 18:50:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/06/29 | 19:29:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/06/29 | 19:30:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/06/29 | 20:25:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/06/29 | 20:25:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/06/29 | 20:25:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/06/29 | 20:28:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/06/29 | 21:06:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/06/29 | 21:07:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/06/29 | 22:03:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |

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| 2017/06/29 | 22:03:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2017/06/29 | 22:03:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2017/06/29 | 22:06:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2017/06/29 | 22:42:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2017/06/29 | 22:43:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2017/06/29 | 23:42:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/06/29 | 23:42:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2017/06/29 | 23:42:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2017/06/29 | 23:45:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2017/06/30 | 00:12:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2017/06/30 | 00:13:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2017/06/30 | 01:20:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/06/30 | 01:20:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2017/06/30 | 01:20:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2017/06/30 | 01:23:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2017/06/30 | 01:50:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2017/06/30 | 01:51:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2017/06/30 | 02:56:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/06/30 | 02:56:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2017/06/30 | 02:56:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2017/06/30 | 02:59:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2017/06/30 | 03:28:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2017/06/30 | 03:29:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2017/06/30 | 04:25:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/06/30 | 04:25:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2017/06/30 | 04:25:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2017/06/30 | 04:28:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2017/06/30 | 05:07:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2017/06/30 | 05:08:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2017/06/30 | 05:37:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/06/30 | 05:37:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/06/30 | 05:37:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | |
| 2017/06/30 | 05:38:00.0 | AOCS_Ore-point_Start_4_OG [0x09a] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | |
| 2017/06/30 | 05:38:18.0 | XRT_FLD_DIS_425_OG [0x1a9] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | |
| 2017/06/30 | 05:40:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | |
| 2017/06/30 | 05:40:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2017/06/30 | 05:40:58.0 | XRT_QT_PROG_SET_432_OG [0x1b0] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 13 | | |
| 2017/06/30 | 05:41:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2017/06/30 | 05:47:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/06/30 | 05:47:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/06/30 | 05:47:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | |
| 2017/06/30 | 05:48:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 04 00 00 00 00 | | |
| 2017/06/30 | 05:48:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2017/06/30 | 05:48:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2017/06/30 | 05:48:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2017/06/30 | 05:48:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2017/06/30 | 05:48:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2017/06/30 | 05:50:56.0 | XRT_QT_PROG_SET_421_OG [0x1a5] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 10 | | |
| 2017/06/30 | 05:50:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | |

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|------------|------------|--------------------------------|---|-------|----|
| 2017/06/30 | 05:51:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/06/30 | 06:05:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/06/30 | 06:05:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/06/30 | 06:05:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/06/30 | 06:08:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/06/30 | 06:45:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2017/06/30 | 06:46:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/06/30 | 07:45:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/06/30 | 07:45:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/06/30 | 07:45:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/06/30 | 07:48:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/06/30 | 08:23:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2017/06/30 | 08:24:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/06/30 | 09:25:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/06/30 | 09:25:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/06/30 | 09:25:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/06/30 | 09:28:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/06/30 | 10:02:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2017/06/30 | 10:03:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/06/30 | 11:08:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/06/30 | 11:08:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/06/30 | 11:08:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/06/30 | 11:08:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2017/06/30 | 11:09:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/06/30 | 11:10:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/06/30 | 11:10:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/06/30 | 11:10:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/06/30 | 11:11:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/06/30 | 11:13:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/06/30 | 11:40:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2017/06/30 | 11:41:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/06/30 | 12:49:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/06/30 | 12:49:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/06/30 | 12:49:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/06/30 | 12:52:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/06/30 | 13:19:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2017/06/30 | 13:20:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/06/30 | 14:27:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/06/30 | 14:27:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/06/30 | 14:27:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/06/30 | 14:30:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/06/30 | 15:03:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2017/06/30 | 15:04:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/06/30 | 16:05:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/06/30 | 16:05:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/06/30 | 16:05:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/06/30 | 16:08:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/06/30 | 16:50:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2017/06/30 | 16:51:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/06/30 | 17:44:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/06/30 | 17:44:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |

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| 2017/06/30 | 17:44:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/06/30 | 17:47:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/06/30 | 18:26:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/06/30 | 18:26:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/06/30 | 18:26:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2017/06/30 | 18:27:00.0 | AOCS_Ore-point_Start_4_OG [0x09a] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | |
| 2017/06/30 | 18:27:18.0 | XRT_FLD_DIS_425_OG [0x1a9] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2017/06/30 | 18:29:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2017/06/30 | 18:29:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2017/06/30 | 18:29:58.0 | XRT_QT_PROG_SET_432_OG [0x1b0] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 13 | |
| 2017/06/30 | 18:30:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/06/30 | 18:36:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/06/30 | 18:36:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/06/30 | 18:36:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2017/06/30 | 18:37:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 04 00 00 00 00 | |
| 2017/06/30 | 18:37:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2017/06/30 | 18:37:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2017/06/30 | 18:37:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2017/06/30 | 18:37:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2017/06/30 | 18:37:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/06/30 | 18:39:56.0 | XRT_QT_PROG_SET_421_OG [0x1a5] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 10 | |
| 2017/06/30 | 18:39:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | |
| 2017/06/30 | 18:40:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/06/30 | 19:22:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/06/30 | 19:22:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/06/30 | 19:22:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/06/30 | 19:25:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/06/30 | 20:03:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/06/30 | 20:04:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/06/30 | 21:00:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/06/30 | 21:00:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/06/30 | 21:00:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/06/30 | 21:03:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/06/30 | 21:41:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/06/30 | 21:42:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/06/30 | 22:39:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/06/30 | 22:39:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/06/30 | 22:39:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/06/30 | 22:42:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/06/30 | 23:16:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/06/30 | 23:17:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/07/01 | 00:17:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/01 | 00:17:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/07/01 | 00:17:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/07/01 | 00:20:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/07/01 | 00:47:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/07/01 | 00:48:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/07/01 | 01:55:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |

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|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2017/07/01 | 01:55:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/07/01 | 01:55:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/07/01 | 01:58:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/07/01 | 02:25:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2017/07/01 | 02:26:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/07/01 | 03:31:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/07/01 | 03:31:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/07/01 | 03:31:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/07/01 | 03:34:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/07/01 | 04:04:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2017/07/01 | 04:05:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/07/01 | 05:01:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/07/01 | 05:01:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/07/01 | 05:01:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/07/01 | 05:04:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/07/01 | 05:57:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/07/01 | 05:57:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/07/01 | 05:57:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2017/07/01 | 05:58:00.0 | AOCS_Or-point_Start_4_OG [0x09a] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2017/07/01 | 05:58:18.0 | XRT_FLD_DIS_425_OG [0x1a9] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2017/07/01 | 06:00:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2017/07/01 | 06:00:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2017/07/01 | 06:00:58.0 | XRT_QT_PROG_SET_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0a | | | | |
| 2017/07/01 | 06:01:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/07/01 | 06:07:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/07/01 | 06:07:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/07/01 | 06:07:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2017/07/01 | 06:08:00.0 | AOCS_Or-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 00 00 00 00 | | | | |
| 2017/07/01 | 06:08:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2017/07/01 | 06:08:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2017/07/01 | 06:08:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2017/07/01 | 06:08:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2017/07/01 | 06:08:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/07/01 | 06:10:56.0 | XRT_QT_PROG_SET_421_OG [0x1a5] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 10 | | | | |
| 2017/07/01 | 06:10:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | | |
| 2017/07/01 | 06:11:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/07/01 | 06:41:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/07/01 | 06:41:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/07/01 | 06:41:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/07/01 | 06:44:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/07/01 | 07:20:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2017/07/01 | 07:21:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/07/01 | 08:21:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/07/01 | 08:21:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/07/01 | 08:21:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/07/01 | 08:24:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/07/01 | 08:59:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2017/07/01 | 09:00:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/07/01 | 10:01:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|
| 2017/07/01 | 10:01:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/01 | 10:01:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/07/01 | 10:04:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/07/01 | 10:37:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/07/01 | 10:38:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/07/01 | 11:46:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/01 | 11:46:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/07/01 | 11:46:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/07/01 | 11:49:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/07/01 | 12:16:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/07/01 | 12:17:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/01 | 13:24:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/07/01 | 13:24:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/01 | 13:24:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/07/01 | 13:27:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/07/01 | 13:54:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/07/01 | 13:55:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/07/01 | 15:02:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/07/01 | 15:02:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/01 | 15:02:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/07/01 | 15:02:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/07/01 | 15:05:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/07/01 | 15:48:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/07/01 | 15:49:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/07/01 | 16:41:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/07/01 | 16:41:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/01 | 16:41:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/07/01 | 16:41:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/07/01 | 16:44:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/07/01 | 17:25:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/07/01 | 17:26:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/07/01 | 17:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/07/01 | 17:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/01 | 17:59:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/01 | 18:00:00.0 | AOCS_Ore-point_Start_4_OG [0x09a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2017/07/01 | 18:00:18.0 | XRT_FLD_DIS_425_OG [0x1a9] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | |
| 2017/07/01 | 18:02:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2017/07/01 | 18:02:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2017/07/01 | 18:02:58.0 | XRT_QT_PROG_SET_432_OG [0x1b0] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2017/07/01 | 18:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 13 | |
| 2017/07/01 | 18:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/07/01 | 18:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/01 | 18:09:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/01 | 18:10:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2017/07/01 | 18:10:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 04 00 00 00 00 | |
| 2017/07/01 | 18:10:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2017/07/01 | 18:10:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2017/07/01 | 18:10:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2017/07/01 | 18:10:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2017/07/01 | 18:12:56.0 | XRT_QT_PROG_SET_421_OG [0x1a5] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/07/01 | 18:12:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 10 | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----|----|
| 2017/07/01 | 18:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/07/01 | 18:19:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/01 | 18:19:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/07/01 | 18:19:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/07/01 | 18:22:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/07/01 | 19:02:00.5 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/07/01 | 19:03:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/07/01 | 19:57:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/01 | 19:57:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/07/01 | 19:57:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/07/01 | 20:00:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/07/01 | 20:39:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/07/01 | 20:40:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/07/01 | 21:36:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/01 | 21:36:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/07/01 | 21:36:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/07/01 | 21:39:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/07/01 | 22:15:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/07/01 | 22:16:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/07/01 | 23:14:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/01 | 23:14:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/07/01 | 23:14:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/07/01 | 23:17:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/07/01 | 23:45:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/07/01 | 23:46:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/07/02 | 00:53:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/02 | 00:53:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/07/02 | 00:53:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/07/02 | 00:56:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/07/02 | 01:22:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/07/02 | 01:23:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/07/02 | 02:29:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/02 | 02:29:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/07/02 | 02:29:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/07/02 | 02:32:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/07/02 | 03:01:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/07/02 | 03:02:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/07/02 | 03:57:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/02 | 03:57:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/07/02 | 03:57:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/07/02 | 04:00:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/07/02 | 04:39:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/07/02 | 04:40:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/07/02 | 05:37:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/02 | 05:37:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/07/02 | 05:37:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/07/02 | 05:40:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/07/02 | 06:23:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/02 | 06:23:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/02 | 06:23:28.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----|----|----|----|----|
| 2017/07/02 | 06:23:30.0 | AOCS_ORe-point_Start_4_OG [0x09a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | 00 |
| | | AOCU_NM | | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| 2017/07/02 | 06:23:48.0 | XRT_FLD_DIS_425_OG [0x1a9] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2017/07/02 | 06:26:24.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2017/07/02 | 06:26:26.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2017/07/02 | 06:26:28.0 | XRT_QT_PROG_SET_432_OG [0x1b0] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 13 | | | |
| 2017/07/02 | 06:26:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/07/02 | 06:33:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/07/02 | 06:33:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/07/02 | 06:33:28.0 | XRT_ROI_A_409_OG [0x199] | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 06 | 80 | 80 | 08 |
| | | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 07 | 80 | 80 | 20 |
| | | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 0b | 85 | 83 | 06 |
| | | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 0c | 80 | 80 | 20 |
| | | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 0d | 80 | 80 | 08 |
| | | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 0f | 80 | 80 | 06 |
| | | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 10 | 80 | 80 | 08 |
| 2017/07/02 | 06:33:30.0 | AOCS_ORe-point_Start_9_OG [0x09f] | AOCU_NM | 5 | 02-76 | 00 | ea | 67 | b2 | 67 |
| 2017/07/02 | 06:33:33.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2017/07/02 | 06:33:53.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2017/07/02 | 06:33:55.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2017/07/02 | 06:33:57.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2017/07/02 | 06:33:59.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2017/07/02 | 06:34:01.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/07/02 | 06:36:31.0 | XRT_QT_PROG_SET_449_OG [0x1c1] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0b | | | |
| 2017/07/02 | 06:36:33.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d | | | |
| 2017/07/02 | 06:36:35.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/07/02 | 07:17:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/07/02 | 07:17:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/07/02 | 07:17:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/07/02 | 07:20:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/07/02 | 07:56:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2017/07/02 | 07:57:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/07/02 | 08:57:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/07/02 | 08:57:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/07/02 | 08:57:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/07/02 | 09:00:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/07/02 | 09:34:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2017/07/02 | 09:35:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/07/02 | 10:38:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/07/02 | 10:38:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/07/02 | 10:38:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/07/02 | 10:41:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/07/02 | 11:13:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2017/07/02 | 11:14:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/07/02 | 12:21:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/07/02 | 12:21:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/07/02 | 12:21:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/07/02 | 12:24:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/07/02 | 12:51:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2017/07/02 | 12:52:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/07/02 | 13:59:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/07/02 | 13:59:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|
| 2017/07/02 | 22:11:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/07/02 | 22:14:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/07/02 | 22:49:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2017/07/02 | 22:50:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/07/02 | 23:50:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/07/02 | 23:50:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/07/02 | 23:50:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/07/02 | 23:53:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/07/03 | 00:20:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2017/07/03 | 00:21:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/07/03 | 01:28:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/07/03 | 01:28:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/07/03 | 01:28:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/07/03 | 01:31:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/07/03 | 01:58:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2017/07/03 | 01:59:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/07/03 | 03:04:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/07/03 | 03:04:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/07/03 | 03:04:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/07/03 | 03:07:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/07/03 | 03:36:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2017/07/03 | 03:37:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/07/03 | 04:33:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/07/03 | 04:33:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/07/03 | 04:33:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/07/03 | 04:36:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/07/03 | 05:15:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2017/07/03 | 05:16:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/07/03 | 05:45:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/07/03 | 05:45:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/07/03 | 05:45:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2017/07/03 | 05:46:00.0 | AOCS_OrE-point_Start_4_OG [0x09a] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2017/07/03 | 05:46:18.0 | XRT_FLD_DIS_425_OG [0x1a9] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2017/07/03 | 05:48:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2017/07/03 | 05:48:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2017/07/03 | 05:48:58.0 | XRT_QT_PROG_SET_432_OG [0x1b0] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 13 |
| 2017/07/03 | 05:49:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/07/03 | 05:55:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/07/03 | 05:55:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/07/03 | 05:55:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2017/07/03 | 05:56:00.0 | AOCS_OrE-point_Start_9_OG [0x09f] | AOCU_NM | 5 | 02-76 | 00 ea 67 b2 67 |
| 2017/07/03 | 05:56:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2017/07/03 | 05:56:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2017/07/03 | 05:56:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2017/07/03 | 05:56:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2017/07/03 | 05:56:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/07/03 | 05:58:56.0 | XRT_QT_PROG_SET_449_OG [0x1c1] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0b |
| 2017/07/03 | 05:58:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d |
| 2017/07/03 | 05:59:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | |

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|------------|------------|------------------------------------|---------------------|---|-------|----------------|
| 2017/07/03 | 06:13:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/07/03 | 06:13:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/07/03 | 06:13:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/07/03 | 06:16:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/07/03 | 06:53:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2017/07/03 | 06:54:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/07/03 | 07:53:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/07/03 | 07:53:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/07/03 | 07:53:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/07/03 | 07:56:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/07/03 | 08:31:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2017/07/03 | 08:32:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/07/03 | 09:33:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/07/03 | 09:33:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/07/03 | 09:33:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/07/03 | 09:36:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/07/03 | 10:10:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2017/07/03 | 10:11:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/07/03 | 11:18:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/07/03 | 11:18:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/07/03 | 11:18:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/07/03 | 11:21:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/07/03 | 11:48:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2017/07/03 | 11:49:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/07/03 | 12:57:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/07/03 | 12:57:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/07/03 | 12:57:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/07/03 | 13:00:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/07/03 | 13:26:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2017/07/03 | 13:27:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/07/03 | 14:35:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/07/03 | 14:35:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/07/03 | 14:35:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/07/03 | 14:38:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/07/03 | 15:11:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2017/07/03 | 15:12:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/07/03 | 16:13:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/07/03 | 16:13:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/07/03 | 16:13:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/07/03 | 16:16:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/07/03 | 16:58:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2017/07/03 | 16:59:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/07/03 | 17:37:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/07/03 | 17:37:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/07/03 | 17:37:28.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2017/07/03 | 17:37:30.0 | AOCS_Or-e-point_Start_4_OG [0x09a] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2017/07/03 | 17:37:48.0 | XRT_FLD_DIS_425_OG [0x1a9] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2017/07/03 | 17:40:24.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2017/07/03 | 17:40:26.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2017/07/03 | 17:40:28.0 | XRT_QT_PROG_SET_432_OG [0x1b0] | | | | |

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|------------|------------|------------------------------------|---------------------|---|-------|-------------|----|
| 2017/07/03 | 17:40:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 13 |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/07/03 | 17:47:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/03 | 17:47:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/03 | 17:47:28.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa | 00 |
| 2017/07/03 | 17:47:30.0 | AOCS_OrE-point_Start_9_OG [0x09f] | AOCU_NM | 5 | 02-76 | 00 ea 67 b2 | 67 |
| 2017/07/03 | 17:47:48.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2017/07/03 | 17:47:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2017/07/03 | 17:47:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2017/07/03 | 17:47:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2017/07/03 | 17:47:56.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/07/03 | 17:50:26.0 | XRT_QT_PROG_SET_449_OG [0x1c1] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0b |
| 2017/07/03 | 17:50:28.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d |
| 2017/07/03 | 17:50:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/07/03 | 17:52:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/03 | 17:52:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/07/03 | 17:52:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/07/03 | 17:55:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/07/03 | 18:35:00.5 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/07/03 | 18:36:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/07/03 | 19:30:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/03 | 19:30:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/07/03 | 19:30:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/07/03 | 19:33:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/07/03 | 20:11:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/07/03 | 20:12:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/07/03 | 20:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/03 | 20:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/03 | 20:59:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa | 00 |
| 2017/07/03 | 21:00:00.0 | AOCS_OrE-point_Start_10_OG [0x0a0] | AOCU_NM | 5 | 02-76 | 01 00 00 00 | 00 |
| 2017/07/03 | 21:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2017/07/03 | 21:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2017/07/03 | 21:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2017/07/03 | 21:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2017/07/03 | 21:00:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/07/03 | 21:02:56.0 | XRT_QT_PROG_SET_417_OG [0x1a1] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 08 |
| 2017/07/03 | 21:02:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d |
| 2017/07/03 | 21:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/07/03 | 21:08:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/03 | 21:08:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/07/03 | 21:08:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/07/03 | 21:11:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/07/03 | 21:49:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/07/03 | 21:50:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/07/03 | 22:47:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/07/03 | 22:47:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/07/03 | 22:47:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/07/03 | 22:50:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/07/03 | 23:23:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |

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|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2017/07/03 | 23:24:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/07/04 | 00:25:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/07/04 | 00:25:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/07/04 | 00:25:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/07/04 | 00:28:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/07/04 | 00:55:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2017/07/04 | 00:56:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/07/04 | 02:03:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/07/04 | 02:03:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/07/04 | 02:03:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/07/04 | 02:06:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/07/04 | 02:33:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2017/07/04 | 02:34:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/07/04 | 03:39:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/07/04 | 03:39:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/07/04 | 03:39:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/07/04 | 03:42:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/07/04 | 04:00:00.0 | AOCS_Orе-point_Start_9_OG [0x09f] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 ea 67 b2 67 | | | | |
| 2017/07/04 | 04:12:01.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/07/04 | 04:12:03.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/07/04 | 04:12:05.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2017/07/04 | 04:12:25.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2017/07/04 | 04:12:27.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2017/07/04 | 04:12:29.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2017/07/04 | 04:12:31.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2017/07/04 | 04:12:33.0 | XRT_FLD_RESET_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/07/04 | 04:15:03.0 | XRT_QT_PROG_SET_449_OG [0x1c1] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0b | | | | |
| 2017/07/04 | 04:15:05.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | | |
| 2017/07/04 | 04:15:07.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/07/04 | 05:09:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/07/04 | 05:09:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/07/04 | 05:09:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/07/04 | 05:12:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/07/04 | 05:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/07/04 | 05:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/07/04 | 05:59:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2017/07/04 | 06:00:00.0 | AOCS_Orе-point_Start_4_OG [0x09a] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2017/07/04 | 06:00:18.0 | XRT_FLD_DIS_425_OG [0x1a9] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2017/07/04 | 06:02:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2017/07/04 | 06:02:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2017/07/04 | 06:02:58.0 | XRT_QT_PROG_SET_432_OG [0x1b0] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 13 | | | | |
| 2017/07/04 | 06:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/07/04 | 06:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/07/04 | 06:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/07/04 | 06:09:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2017/07/04 | 06:10:00.0 | AOCS_Orе-point_Start_9_OG [0x09f] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 ea 67 b2 67 | | | | |
| 2017/07/04 | 06:10:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2017/07/04 | 06:10:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|
| 2017/07/04 | 06:10:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| | | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2017/07/04 | 06:10:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2017/07/04 | 06:10:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/07/04 | 06:12:56.0 | XRT_QT_PROG_SET_449_OG [0x1c1] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0b |
| 2017/07/04 | 06:12:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d |
| 2017/07/04 | 06:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/07/04 | 06:49:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/07/04 | 06:49:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/07/04 | 06:49:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/07/04 | 06:52:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/07/04 | 07:28:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2017/07/04 | 07:29:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/07/04 | 08:29:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/07/04 | 08:29:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/07/04 | 08:29:34.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/07/04 | 08:32:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/07/04 | 09:07:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2017/07/04 | 09:08:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/07/04 | 10:10:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/07/04 | 10:10:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/07/04 | 10:10:04.0 | XRT_PREFLR_STRT_444_OG [0x1bc] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/07/04 | 10:13:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/07/04 | 11:16:00.0 | AOCS_OrE-point_Start_4_OG [0x09a] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |