

XRT Timeline to be uploaded on 2016/11/29

Period: 2016/11/29 09:33:00 - 2016/12/08 11:03:00

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Normal mode

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XOB #1AF1: CCD Monitor During Bakeout - G-band 3ms - 1kx1k - Q90 - 1st Quadrant - Al/mesh(512ms), Al/Poly(1443ms) - w leak image-3ms

| Term | Pointing (x, y) | Comment |
|---------------------------------|---|-------------|
| 11/30 12:18:00 - 11/30 12:24:54 | Fixed (-528.4, -528.4) | XRT quad #1 |
| PROG= 06 1-time(s) | | |
| └─ Subr= 1 1-time(s) 2.0sec | | |
| └─ Seqn= 86 1-time(s) 2.0sec | | |
| └─ Open/G-band | Open/G-band open Safe Norm 3ms Obs 1x1 1024x1024 (1536, 1536) Q=90 0 0 2.0sec | |
| └─ Open/G-band | Open/G-band open Safe Norm 3ms Obs 1x1 1024x1024 (1536, 1536) Q=90 0 0 2.0sec | |
| └─ Open/thick-Be | Open/thick-Be close Safe Dark 3ms Obs 1x1 1024x1024 (1536, 1536) Q=98 0 0 2.0sec | |
| └─ Open/thick-Be | Open/thick-Be close Safe Dark 3ms 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= 54 1-time(s) 2.0sec | | |
| └─ Open/G-band | Open/G-band open Safe Norm 3ms Obs 1x1 2048x2048 (1024, 1024) Q=90 0 0 2.0sec | |
| └─ Open/G-band | Open/G-band close Safe Norm 3ms 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 #1AF2: CCD Monitor During Bakeout - G-Band 3ms - 1kx1k - Q90 - 2nd Quadrant - Al/mesh (512ms), Al/Poly (1443ms) - w leak image-3 ms

| Term | Pointing (x, y) | Comment |
|---------------------------------|---|-------------|
| 11/30 12:28:00 - 11/30 12:34:54 | Fixed (528.4, -528.4) | XRT quad #2 |
| PROG= 12 1-time(s) | | |
| └─ Subr= 1 1-time(s) 2.0sec | | |
| └─ Seqn= 15 1-time(s) 2.0sec | | |
| └─ Open/G-band | Open/G-band open Safe Norm 3ms Obs 1x1 1024x1024 (512, 1536) Q=90 0 0 2.0sec | |
| └─ Open/G-band | Open/G-band open Safe Norm 3ms Obs 1x1 1024x1024 (512, 1536) Q=90 0 0 2.0sec | |
| └─ Open/thick-Be | Open/thick-Be close Safe Dark 3ms Obs 1x1 1024x1024 (512, 1536) Q=98 0 0 2.0sec | |
| └─ Open/thick-Be | Open/thick-Be close Safe Dark 3ms 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= 54 1-time(s) 2.0sec | | |
| └─ Open/G-band | Open/G-band open Safe Norm 3ms Obs 1x1 2048x2048 (1024, 1024) Q=90 0 0 2.0sec | |
| └─ Open/G-band | Open/G-band close Safe Norm 3ms 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 #1AF3: CCD Monitor During Bakeout - G-Band 3ms - 1kx1k - Q90 - 3rd Quadrant - Al/mesh (512ms), Al/Poly (1443ms) - w leak image-3 ms

| Term | Pointing (x, y) | Comment |
|---------------------------------|---|-------------|
| 11/30 12:38:00 - 11/30 12:44:54 | Fixed (528.4, 528.4) | XRT quad #3 |
| PROG= 15 1-time(s) | | |
| └─ Subr= 1 1-time(s) 2.0sec | | |
| └─ Seqn= 35 1-time(s) 2.0sec | | |
| └─ Open/G-band | Open/G-band open Safe Norm 3ms Obs 1x1 1024x1024 (512, 512) Q=90 0 0 2.0sec | |
| └─ Open/G-band | Open/G-band open Safe Norm 3ms Obs 1x1 1024x1024 (512, 512) Q=90 0 0 2.0sec | |
| └─ Open/thick-Be | Open/thick-Be close Safe Dark 3ms Obs 1x1 1024x1024 (512, 512) Q=98 0 0 2.0sec | |
| └─ Open/thick-Be | Open/thick-Be close Safe Dark 3ms 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= 54 1-time(s) 2.0sec | | |
| └─ Open/G-band | Open/G-band open Safe Norm 3ms Obs 1x1 2048x2048 (1024, 1024) Q=90 0 0 2.0sec | |
| └─ Open/G-band | Open/G-band close Safe Norm 3ms 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 #1AF4: CCD Monitor During Bakeout - G-Band 3ms - 1kx1k - Q90 - 4th Quadrant - Al/mesh (512ms), Al/Poly (1443ms) - w leak image-3 ms

| Term | Pointing (x, y) | Comment |
|---------------------------------|---|-------------|
| 11/30 12:48:00 - 11/30 12:54:54 | Fixed (-528.4, 528.4) | XRT quad #4 |
| PROG= 05 1-time(s) | | |
| └─ Subr= 1 1-time(s) 2.0sec | | |
| └─ Seqn= 3 1-time(s) 2.0sec | | |
| └─ Open/G-band | Open/G-band open Safe Norm 3ms Obs 1x1 1024x1024 (1536, 512) Q=90 0 0 2.0sec | |
| └─ Open/G-band | Open/G-band open Safe Norm 3ms Obs 1x1 1024x1024 (1536, 512) Q=90 0 0 2.0sec | |
| └─ Open/thick-Be | Open/thick-Be close Safe Dark 3ms Obs 1x1 1024x1024 (1536, 512) Q=98 0 0 2.0sec | |
| └─ Open/thick-Be | Open/thick-Be close Safe Dark 3ms Obs 1x1 1024x1024 (1536, 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= 54 | 1-time(s) | 2.0sec | | | | | | | | | | | | | | | | |
| └ | Open/G-band | Open/G-band | open | Safe | Norm | 3ms | Obs | 1x1 | 2048x2048 (1024, 1024) | Q=90 | 0 | 0 | 2.0sec | | | | | | |
| | Open/G-band | Open/G-band | close | Safe | Norm | 3ms | 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 #1AFF: AR - Standard Core - (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Al/poly context, with

| Term | Pointing (x, y) | Comment |
|---------------------------------|--|-----------------|
| 11/30 13:02:00 - 11/30 17:57:54 | Track (252.0, 106.3) @ 11/30 12:55:00 | AR 12612 |
| 11/30 18:11:00 - 12/01 06:29:54 | Track (298.9, 107.0) @ 11/30 18:08:00 | AR 12612 |
| 12/01 06:43:00 - 12/01 17:52:00 | Track (408.2, 108.7) @ 12/01 06:40:00 | AR 12612 |
| 12/01 18:29:00 - 12/02 06:00:24 | Track (505.3, 110.3) @ 12/01 18:26:00 | AR 12612 |
| 12/02 06:13:30 - 12/02 17:59:54 | Track (595.7, 111.9) @ 12/02 06:10:30 | AR 12612 |
| 12/02 18:13:00 - 12/03 06:02:24 | Track (679.9, 113.6) @ 12/02 18:10:00 | AR 12612 |
| 12/03 06:15:30 - 12/03 18:04:24 | Track (755.3, 115.1) @ 12/03 06:12:30 | AR 12612 |
| 12/03 18:17:30 - 12/04 05:34:54 | Track (820.2, 116.6) @ 12/03 18:14:30 | AR 12612 |
| 12/04 05:48:00 - 12/04 17:36:24 | Track (871.9, 117.8) @ 12/04 05:45:00 | AR 12612 |
| 12/04 17:49:30 - 12/04 23:59:54 | Track (914.3, 118.9) @ 12/04 17:46:30 | AR 12612 |
| 12/05 00:03:00 - 12/05 05:54:24 | Fixed (931.4, 119.4) | AR 21612 W limb |
| 12/05 06:07:30 - 12/05 09:58:30 | Fixed (931.4, 119.4) | AR 12612 W limb |
| 12/05 18:13:00 - 12/06 06:10:54 | Fixed (931.4, 119.4) | AR 12612 W limb |
| 12/06 06:24:00 - 12/06 10:34:54 | Fixed (931.4, 119.4) | AR 12612 W limb |

PROG= 01 Inf.-time(s)

| | | | | | | | | | | | | | | | | | | | |
|---|----------------|----------------|---------|------|-------|-------|-----|-----|----------------------|-------|------------|----------|---------|--|--|--|--|--|--|
| ┌ | Subr= 1 | 1-time(s) | 2.0sec | | | | | | | | | | | | | | | | |
| └ | Seqn= 56 | 1-time(s) | 2.0sec | | | | | | | | | | | | | | | | |
| | Open/G-band | Open/G-band | open | Safe | Norm | 3ms | Obs | 1x1 | 384x384 (1064, 1048) | DPCM | 0 | 0 | 2.0sec | | | | | | |
| | Open/G-band | Open/G-band | close | Safe | Norm | 3ms | Obs | 1x1 | 384x384 (1064, 1048) | DPCM | 0 | 0 | 2.0sec | | | | | | |
| | Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 16.0s | Obs | 1x1 | 384x384 (1064, 1048) | Q=98 | 0 | 0 | 2.0sec | | | | | | |
| └ | Subr= 2 | 5-time(s) | 2.0sec | | | | | | | | | | | | | | | | |
| └ | Seqn= 75 | 1-time(s) | 2.0sec | | | | | | | | | | | | | | | | |
| | Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 2 | 0 | 2.0sec | | | | | | |
| | Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec | | | | | | |
| | thin-Be/Open | med-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 2 | 0 | 2.0sec | | | | | | |
| | thin-Be/Open | med-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec | | | | | | |
| └ | Seqn= 96 | 4-time(s) | 60.0sec | | | | | | | | | | | | | | | | |
| | Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 1 | 0 | 2.0sec | | | | | | |
| | thin-Be/Open | med-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 1 | 0 | 15.0sec | | | | | | |
| | Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 1 | 1 | 2.0sec | | | | | | |
| | thin-Be/Open | med-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 1 | 1 | 15.0sec | | | | | | |
| | Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 1 | 2 | 2.0sec | | | | | | |
| | thin-Be/Open | med-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 1 | 2 | 2.0sec | | | | | | |
| | Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | | | | | | | |

XOB #1B15: Synoptic 7 Filter w/ Al-mesh(24/256/2897), Al-poly(45/512/4096), Thin-Be(181/2048/11571) - Thick-Be(65536), Al-poly+Ti-poly(512/4096), Med-Be(11571)

| Term | Pointing (x, y) | Comment |
|---------------------------------|-------------------|----------------------------|
| 11/30 18:01:00 - 11/30 18:07:54 | Fixed (0.0, 0.0) | synoptic, shifted -2.0 min |

PROG= 18 1-time(s)

| | | | | | | | | | | | | | | | | | | | |
|---|-----------------|------------------|--------|------|-------|-------|-----|-----|------------------------|-------|------------|----------|--------|--|--|--|--|--|--|
| ┌ | Subr= 1 | 1-time(s) | 2.0sec | | | | | | | | | | | | | | | | |
| └ | Seqn= 5 | 1-time(s) | 2.0sec | | | | | | | | | | | | | | | | |
| | Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec | | | | | | |
| | Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 4x4 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec | | | | | | |
| | Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 8x8 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec | | | | | | |
| | Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 1x1 | 2048x512 (1024, 1024) | DPCM | 0 | 0 | 2.0sec | | | | | | |
| | Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 1x1 | 512x2048 (1024, 1024) | DPCM | 0 | 0 | 2.0sec | | | | | | |
| └ | Seqn= 1 | 1-time(s) | 2.0sec | | | | | | | | | | | | | | | | |
| | Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 24ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec | | | | | | |
| | Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 250ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec | | | | | | |
| | Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 2.83s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec | | | | | | |
| └ | Seqn= 99 | 1-time(s) | 2.0sec | | | | | | | | | | | | | | | | |
| | Al-poly/Open | Al-poly/Open | close | Safe | Norm | 44ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec | | | | | | |
| | Al-poly/Open | Al-poly/Open | close | Safe | Norm | 500ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec | | | | | | |
| | Al-poly/Open | Al-poly/thick-Al | close | Safe | Norm | 4.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec | | | | | | |
| └ | Seqn= 67 | 1-time(s) | 2.0sec | | | | | | | | | | | | | | | | |
| | thin-Be/Open | thin-Be/Open | close | Safe | Norm | 177ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec | | | | | | |
| | thin-Be/Open | thin-Be/Open | close | Safe | Norm | 2.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec | | | | | | |
| | thin-Be/Open | thin-Be/Open | close | Safe | Norm | 11.3s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec | | | | | | |
| └ | Seqn= 54 | 1-time(s) | 4.0sec | | | | | | | | | | | | | | | | |
| | Open/G-band | Open/G-band | open | Safe | Norm | 3ms | Obs | 1x1 | 2048x2048 (1024, 1024) | Q=90 | 0 | 0 | 2.0sec | | | | | | |
| | Open/G-band | Open/G-band | close | Safe | Norm | 3ms | Obs | 1x1 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec | | | | | | |
| └ | Subr= 2 | 1-time(s) | 2.0sec | | | | | | | | | | | | | | | | |
| └ | Seqn= 46 | 2-time(s) | 2.0sec | | | | | | | | | | | | | | | | |
| | Open/thick-Be | Open/thick-Be | close | Safe | Norm | 64.0s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec | | | | | | |
| └ | Seqn= 58 | 2-time(s) | 2.0sec | | | | | | | | | | | | | | | | |
| | Al-poly/Ti-poly | Al-poly/thick-Al | close | Safe | Norm | 500ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec | | | | | | |
| | Al-poly/Ti-poly | Al-poly/thick-Al | close | Safe | Norm | 4.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec | | | | | | |
| | Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | | | | | | | |

| | | | | | | | | | | | | | |
|-----------------------------|--|----------------|-------------|-----|------|-------|------|------|-------|--------------------|-----|---------------------------|-----------------|
| L Seqn= 71 2-time(s) 2.0sec | | | | | | | | | | | | | |
| med-AI/Open | | | med-AI/Open | | | close | Safe | Norm | 4.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 0 0 2.0sec |
| med-AI/Open | | | med-AI/Open | | | close | Safe | Norm | 32.0s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 0 0 2.0sec |
| Default Filter | | Thicker Filter | | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | | Comp. AEC Buffer Interval | |

XOB #1B14: Synoptic Q95 2x2 - AI/mesh(24/256/2897) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + AI-poly(45/512/4096) + T

| Term | Pointing (x, y) | Comment |
|---------------------------------|-------------------|-----------------------------|
| 12/01 06:33:00 - 12/01 06:39:54 | Fixed (0.0, 0.0) | synoptic, shifted 30.0 min |
| 12/01 18:19:00 - 12/01 18:25:54 | Fixed (0.0, 0.0) | synoptic, shifted 16.0 min |
| 12/02 06:03:30 - 12/02 06:10:24 | Fixed (0.0, 0.0) | synoptic, shifted 0.5 min |
| 12/02 18:03:00 - 12/02 18:09:54 | Fixed (0.0, 0.0) | synoptic |
| 12/03 06:05:30 - 12/03 06:12:24 | Fixed (0.0, 0.0) | synoptic, shifted 2.5 min |
| 12/03 18:07:30 - 12/03 18:14:24 | Fixed (0.0, 0.0) | synoptic, shifted 4.5 min |
| 12/04 05:38:00 - 12/04 05:44:54 | Fixed (0.0, 0.0) | synoptic, shifted -25.0 min |
| 12/04 17:39:30 - 12/04 17:46:24 | Fixed (0.0, 0.0) | synoptic, shifted -23.5 min |
| 12/05 05:57:30 - 12/05 06:04:24 | Fixed (0.0, 0.0) | synoptic, shifted -5.5 min |
| 12/05 18:03:00 - 12/05 18:09:54 | Fixed (0.0, 0.0) | synoptic |
| 12/06 06:14:00 - 12/06 06:20:54 | Fixed (0.0, 0.0) | synoptic, shifted 11.0 min |

| | | | | | | | | | | | | | |
|-----------------------------|--|----------------|------------------|-----|------|-------|------|------|-------|--------------------|-----|---------------------------|-----------------|
| PROG= 14 1-time(s) | | | | | | | | | | | | | |
| L Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | | |
| L Seqn= 5 1-time(s) 2.0sec | | | | | | | | | | | | | |
| Open/Ti-poly | | | Open/thick-AI | | | close | Safe | Dark | 500ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 0 0 2.0sec |
| Open/Ti-poly | | | Open/thick-AI | | | close | Safe | Dark | 500ms | Obs | 4x4 | 2048x2048 (1024, 1024) | Q=98 0 0 2.0sec |
| Open/Ti-poly | | | Open/thick-AI | | | close | Safe | Dark | 500ms | Obs | 8x8 | 2048x2048 (1024, 1024) | Q=98 0 0 2.0sec |
| Open/Ti-poly | | | Open/thick-AI | | | close | Safe | Dark | 500ms | Obs | 1x1 | 2048x512 (1024, 1024) | DPCM 0 0 2.0sec |
| Open/Ti-poly | | | Open/thick-AI | | | close | Safe | Dark | 500ms | Obs | 1x1 | 512x2048 (1024, 1024) | DPCM 0 0 2.0sec |
| L Seqn= 1 1-time(s) 2.0sec | | | | | | | | | | | | | |
| Open/AI-mesh | | | Open/AI-mesh | | | close | Safe | Norm | 24ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| Open/AI-mesh | | | Open/AI-mesh | | | close | Safe | Norm | 250ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| Open/AI-mesh | | | Open/AI-mesh | | | close | Safe | Norm | 2.83s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| L Seqn= 99 1-time(s) 2.0sec | | | | | | | | | | | | | |
| AI-poly/Open | | | AI-poly/Open | | | close | Safe | Norm | 44ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| AI-poly/Open | | | AI-poly/Open | | | close | Safe | Norm | 500ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| AI-poly/Open | | | AI-poly/thick-AI | | | close | Safe | Norm | 4.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| L Seqn= 67 1-time(s) 2.0sec | | | | | | | | | | | | | |
| thin-Be/Open | | | thin-Be/Open | | | close | Safe | Norm | 177ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| thin-Be/Open | | | thin-Be/Open | | | close | Safe | Norm | 2.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| thin-Be/Open | | | thin-Be/Open | | | close | Safe | Norm | 11.3s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| L Seqn= 54 1-time(s) 2.0sec | | | | | | | | | | | | | |
| Open/G-band | | | Open/G-band | | | open | Safe | Norm | 3ms | Obs | 1x1 | 2048x2048 (1024, 1024) | Q=90 0 0 2.0sec |
| Open/G-band | | | Open/G-band | | | close | Safe | Norm | 3ms | 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 #1AAC: HOP81/206 2-filter - AI/poly 6s, AI/mesh 4s 60s cadence, G-band - 384x384 3ms

| Term | Pointing (x, y) | Comment |
|---------------------------------|------------------------|--------------|
| 12/05 10:14:30 - 12/05 17:59:54 | Fixed (-22.0, -953.0) | HOP81 S pole |

| | | | | | | | | | | | | | |
|------------------------------|--|----------------|--------------|-----|------|-------|------|------|-------|--------------------|-----|---------------------------|-----------------|
| PROG= 11 Inf-time(s) | | | | | | | | | | | | | |
| L Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | | |
| L Seqn= 9 2-time(s) 2.0sec | | | | | | | | | | | | | |
| Open/G-band | | | Open/G-band | | | close | Safe | Norm | 3ms | Obs | 1x1 | 384x384 (1064, 1048) | DPCM 0 0 2.0sec |
| L Subr= 2 1-time(s) 2.0sec | | | | | | | | | | | | | |
| L Seqn= 7 1-time(s) 30.0sec | | | | | | | | | | | | | |
| Open/G-band | | | Open/G-band | | | open | Safe | Norm | 3ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=90 0 0 2.0sec |
| L Subr= 3 30-time(s) 2.0sec | | | | | | | | | | | | | |
| L Seqn= 57 1-time(s) 60.0sec | | | | | | | | | | | | | |
| Open/AI-mesh | | | Open/AI-mesh | | | close | Safe | Norm | 4.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=90 0 0 2.0sec |
| AI-poly/Open | | | AI-poly/Open | | | close | Safe | Norm | 5.66s | 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 | |

* * * * *

Flare mode

* * * * *

XOB #1AE7: Flare - multifilter 26 sec cadence (Be/thin, Be/med, AI/thick), AEC 3(thin-Be AEC2), 384x384 + context (med-AI,thick-Be -384x384 + AI-poly 512

| Term | Pointing (x, y) | Comment |
|---------------------------------|--|-----------------|
| 11/30 13:02:00 - 11/30 17:57:54 | Track (252.0, 106.3) @ 11/30 12:55:00 | AR 12612 |
| 11/30 18:11:00 - 12/01 06:29:54 | Track (298.9, 107.0) @ 11/30 18:08:00 | AR 12612 |
| 12/01 06:43:00 - 12/01 17:52:00 | Track (408.2, 108.7) @ 12/01 06:40:00 | AR 12612 |
| 12/01 18:29:00 - 12/02 06:00:24 | Track (505.3, 110.3) @ 12/01 18:26:00 | AR 12612 |
| 12/02 06:13:30 - 12/02 17:59:54 | Track (595.7, 111.9) @ 12/02 06:10:30 | AR 12612 |
| 12/02 18:13:00 - 12/03 06:02:24 | Track (679.9, 113.6) @ 12/02 18:10:00 | AR 12612 |
| 12/03 06:15:30 - 12/03 18:04:24 | Track (755.3, 115.1) @ 12/03 06:12:30 | AR 12612 |
| 12/03 18:17:30 - 12/04 05:34:54 | Track (820.2, 116.6) @ 12/03 18:14:30 | AR 12612 |
| 12/04 05:48:00 - 12/04 17:36:24 | Track (871.9, 117.8) @ 12/04 05:45:00 | AR 12612 |
| 12/04 17:49:30 - 12/04 23:59:54 | Track (914.3, 118.9) @ 12/04 17:46:30 | AR 12612 |
| 12/05 00:03:00 - 12/05 05:54:24 | Fixed (931.4, 119.4) | AR 21612 W limb |
| 12/05 06:07:30 - 12/05 09:58:30 | Fixed (931.4, 119.4) | AR 12612 W limb |
| 12/05 10:14:30 - 12/05 17:59:54 | Fixed (-22.0, -953.0) | HOP81 S pole |
| 12/05 18:13:00 - 12/06 06:10:54 | Fixed (931.4, 119.4) | AR 12612 W limb |

| PROG= 07 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= 84 1-time(s) 2.0sec | | | | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 3ms | Obs | 1x1 | 384x384 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Open/G-band | Open/G-band | close | Safe | Norm | 3ms | Obs | 1x1 | 384x384 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Open/thick-Al | Open/thick-Al | close | Safe | Dark | 1.00s | Obs | 1x1 | 384x384 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Open/thick-Al | Open/thick-Al | close | Safe | Dark | 1.00s | Obs | 2x2 | 512x512 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

* * * * *

Active Region Search

* * * * *

NOT USED

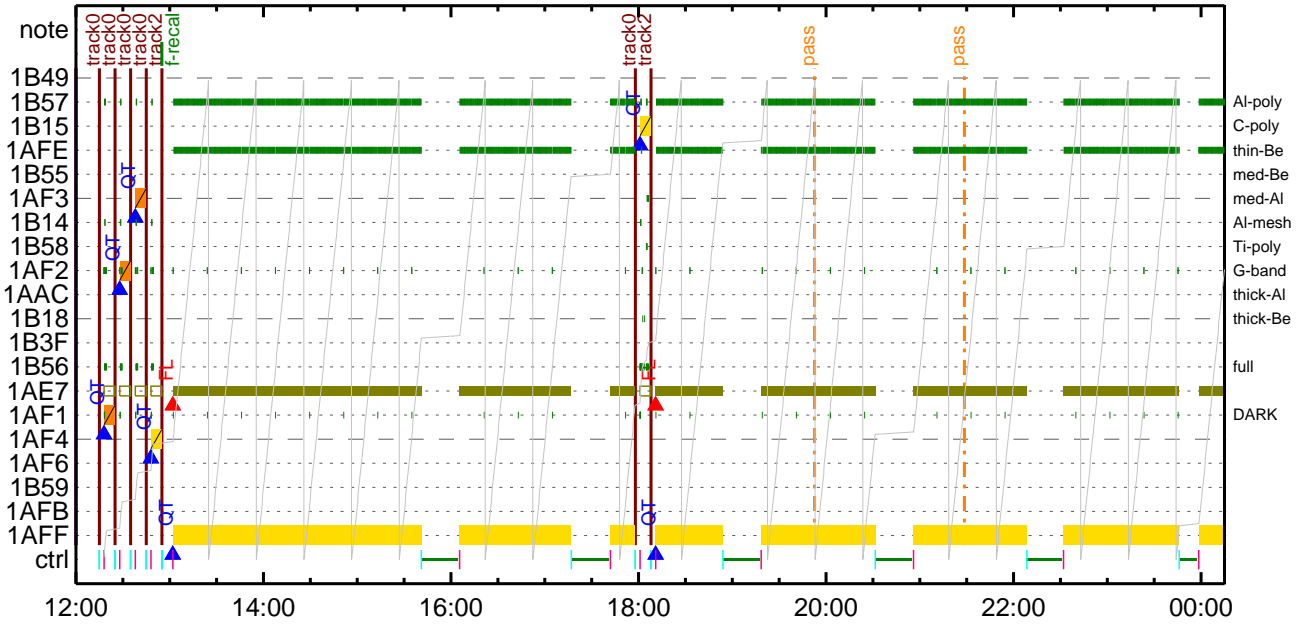
* * * * *

Flare Detection

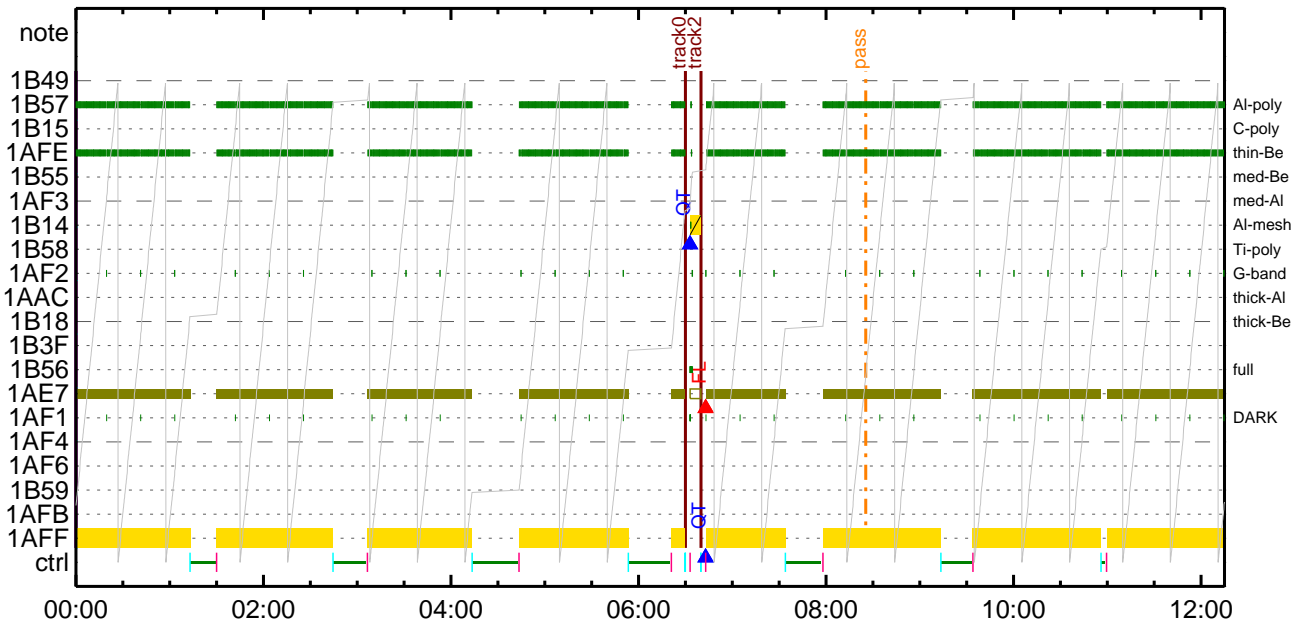
* * * * *

| FLD Patrol | | | | | | | | | | | |
|---------------------------------|-----------------------|------------------|------|-------|------|-----------------|-----|--------------------|-------|------------|----------|
| Term | | Pointing (x, y) | | | | Comment | | | | | |
| 11/30 12:59:18 - 11/30 17:58:18 | Track (252.0, 106.3) | Ⓢ 11/30 12:55:00 | | | | AR 12612 | | | | | |
| 11/30 18:08:18 - 12/01 06:30:18 | Track (298.9, 107.0) | Ⓢ 11/30 18:08:00 | | | | AR 12612 | | | | | |
| 12/01 06:40:18 - 12/01 18:16:18 | Track (408.2, 108.7) | Ⓢ 12/01 06:40:00 | | | | AR 12612 | | | | | |
| 12/01 18:26:18 - 12/02 06:00:48 | Track (505.3, 110.3) | Ⓢ 12/01 18:26:00 | | | | AR 12612 | | | | | |
| 12/02 06:10:48 - 12/02 18:00:18 | Track (595.7, 111.9) | Ⓢ 12/02 06:10:30 | | | | AR 12612 | | | | | |
| 12/02 18:10:18 - 12/03 06:02:48 | Track (679.9, 113.6) | Ⓢ 12/02 18:10:00 | | | | AR 12612 | | | | | |
| 12/03 06:12:48 - 12/03 18:04:48 | Track (755.3, 115.1) | Ⓢ 12/03 06:12:30 | | | | AR 12612 | | | | | |
| 12/03 18:14:48 - 12/04 05:35:18 | Track (820.2, 116.6) | Ⓢ 12/03 18:14:30 | | | | AR 12612 | | | | | |
| 12/04 05:45:18 - 12/04 17:36:48 | Track (871.9, 117.8) | Ⓢ 12/04 05:45:00 | | | | AR 12612 | | | | | |
| 12/04 17:46:48 - 12/05 05:54:48 | Track (914.3, 118.9) | Ⓢ 12/04 17:46:30 | | | | AR 12612 | | | | | |
| 12/05 06:04:48 - 12/05 18:00:18 | Fixed (931.4, 119.4) | | | | | AR 12612 W limb | | | | | |
| 12/05 18:10:18 - 12/06 06:11:18 | Fixed (931.4, 119.4) | | | | | AR 12612 W limb | | | | | |
| 12/06 06:21:18 - 12/08 11:03:00 | Fixed (931.4, 119.4) | | | | | AR 12612 W limb | | | | | |
| Open/Ti-poly | Open/thick-Al | 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 |

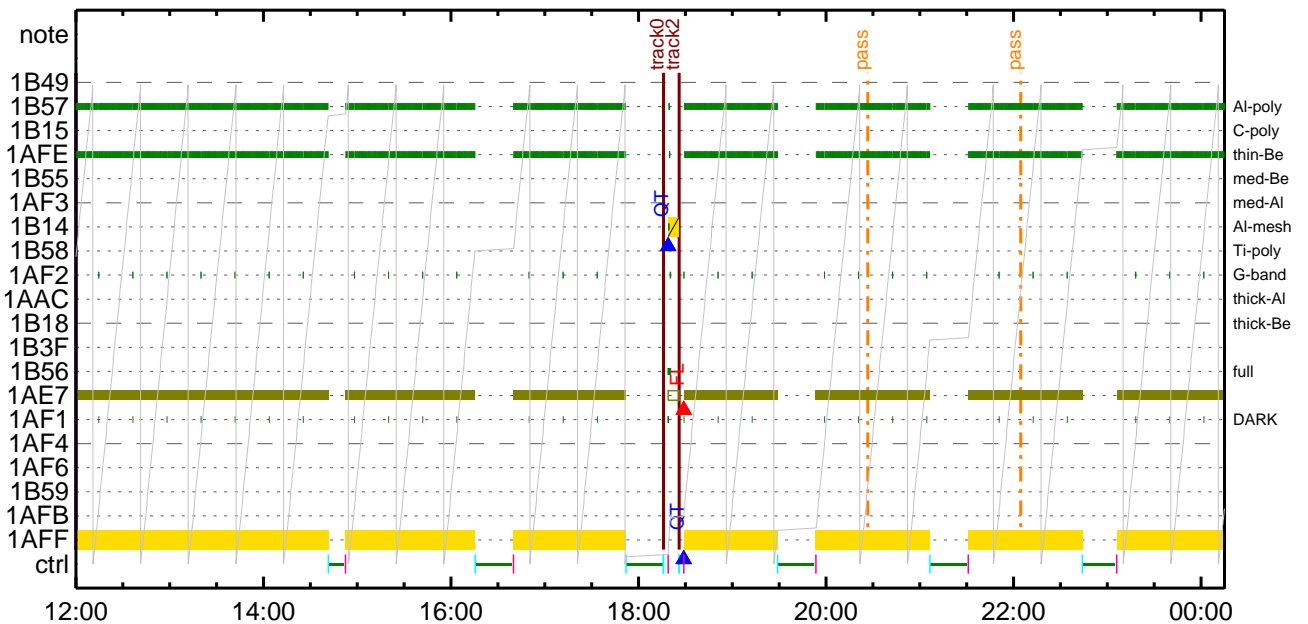
CMDI #0346 2016/11/30



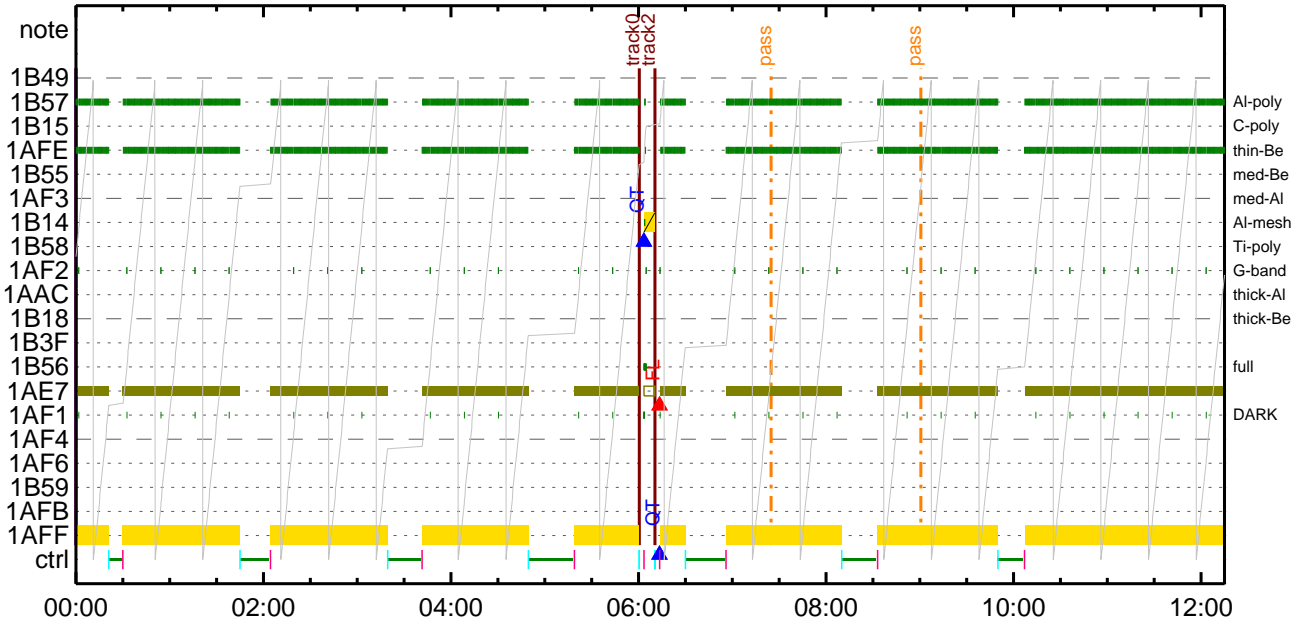
CMDI #0346 2016/12/01



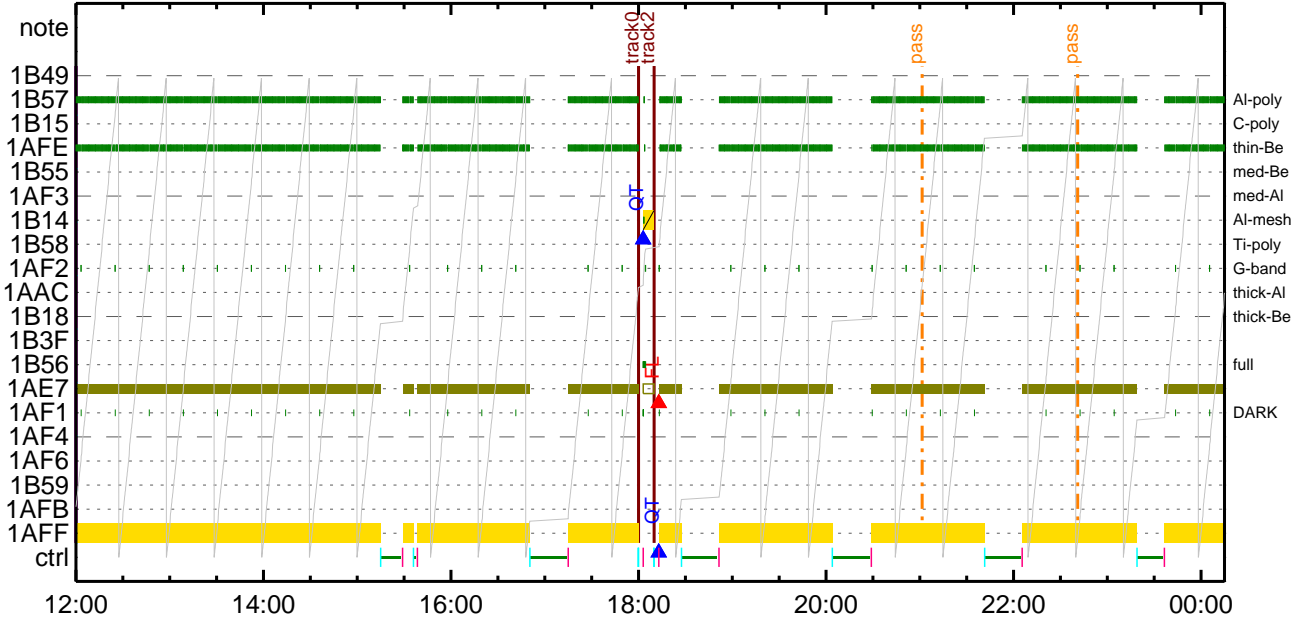
CMDI #0346 2016/12/01



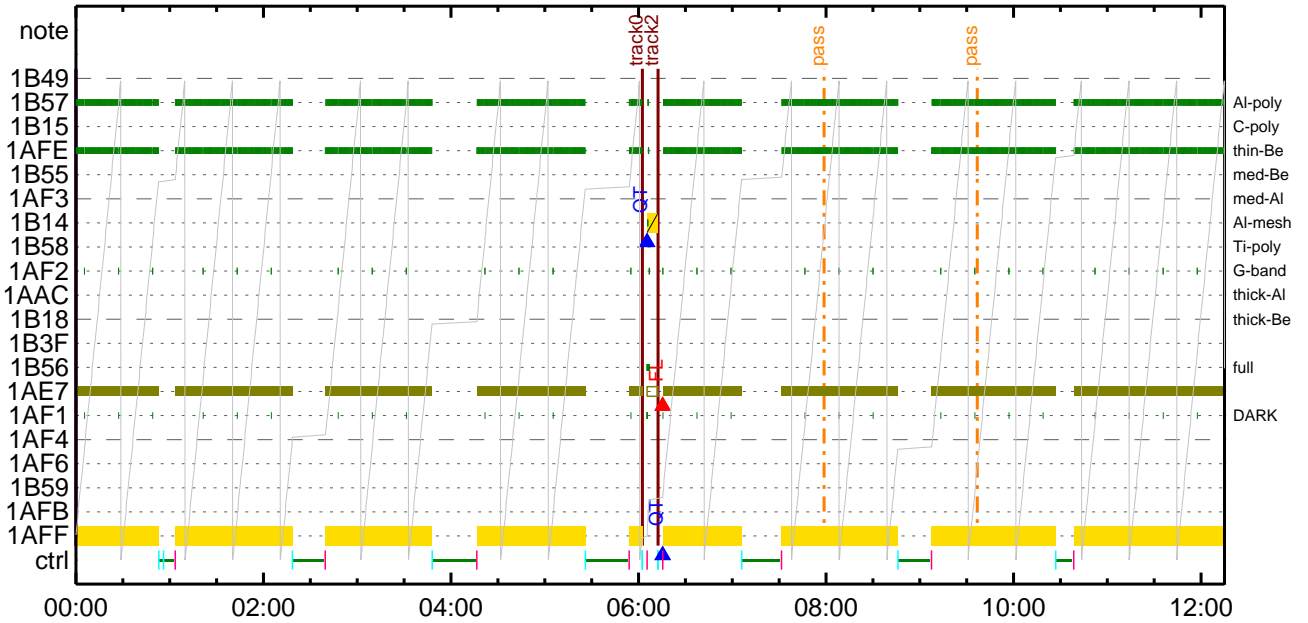
CMDI #0346 2016/12/02



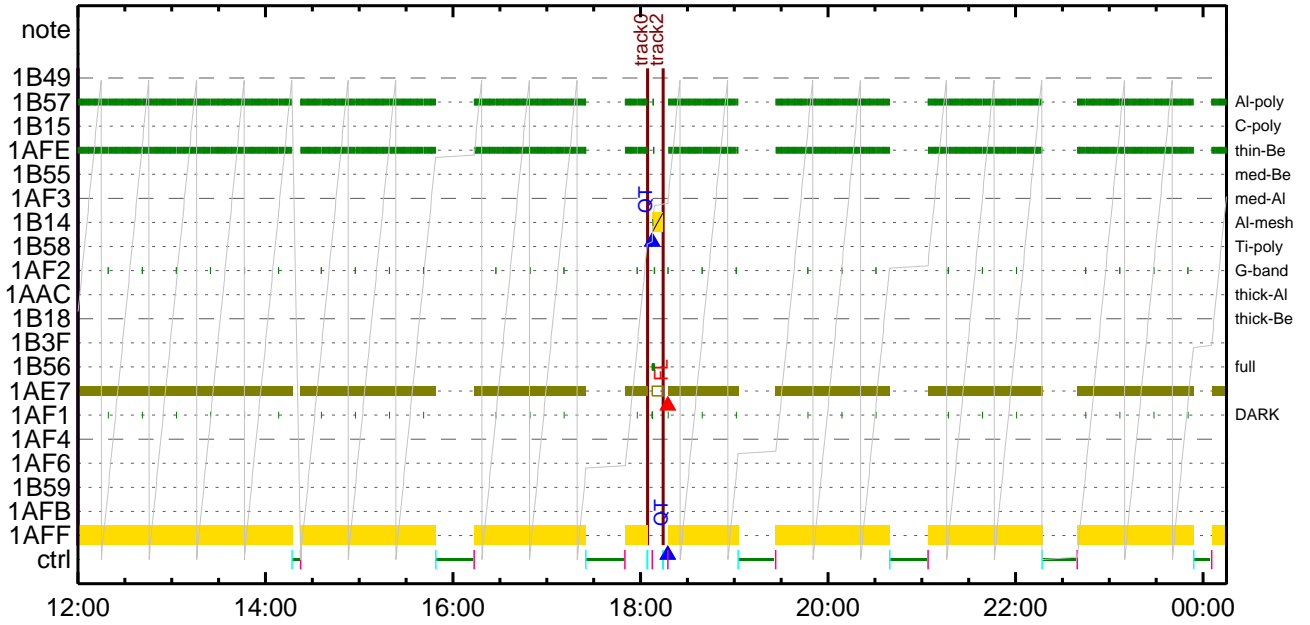
CMDI #0346 2016/12/02



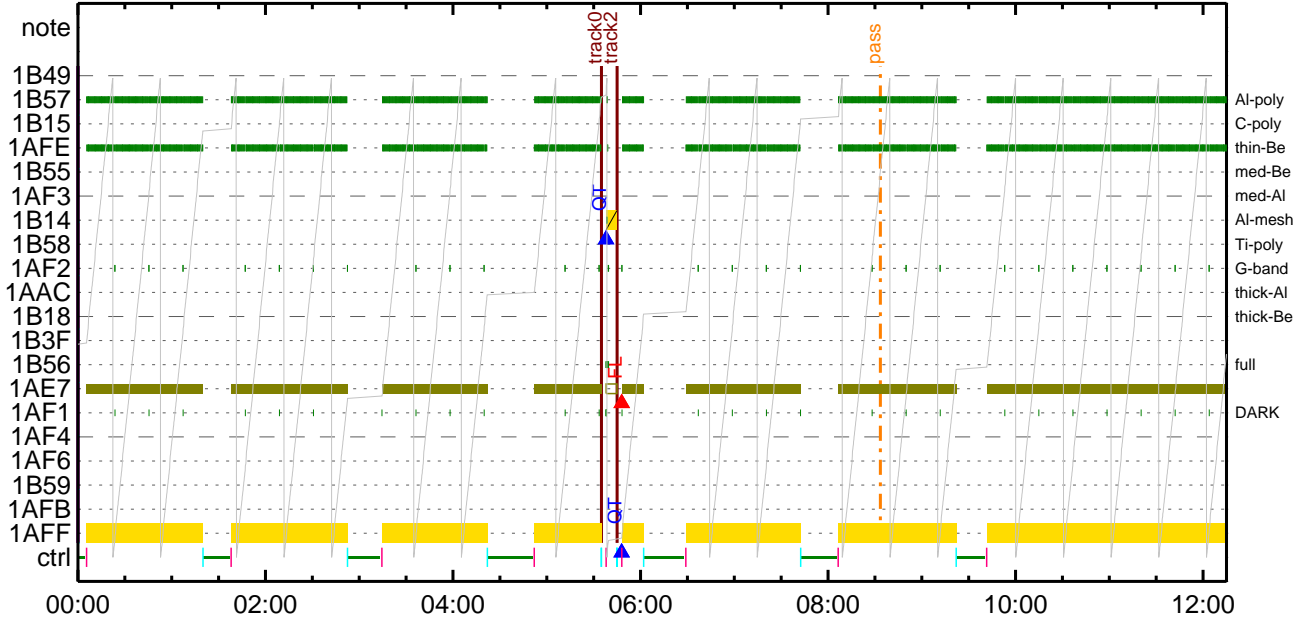
CMDI #0346 2016/12/03



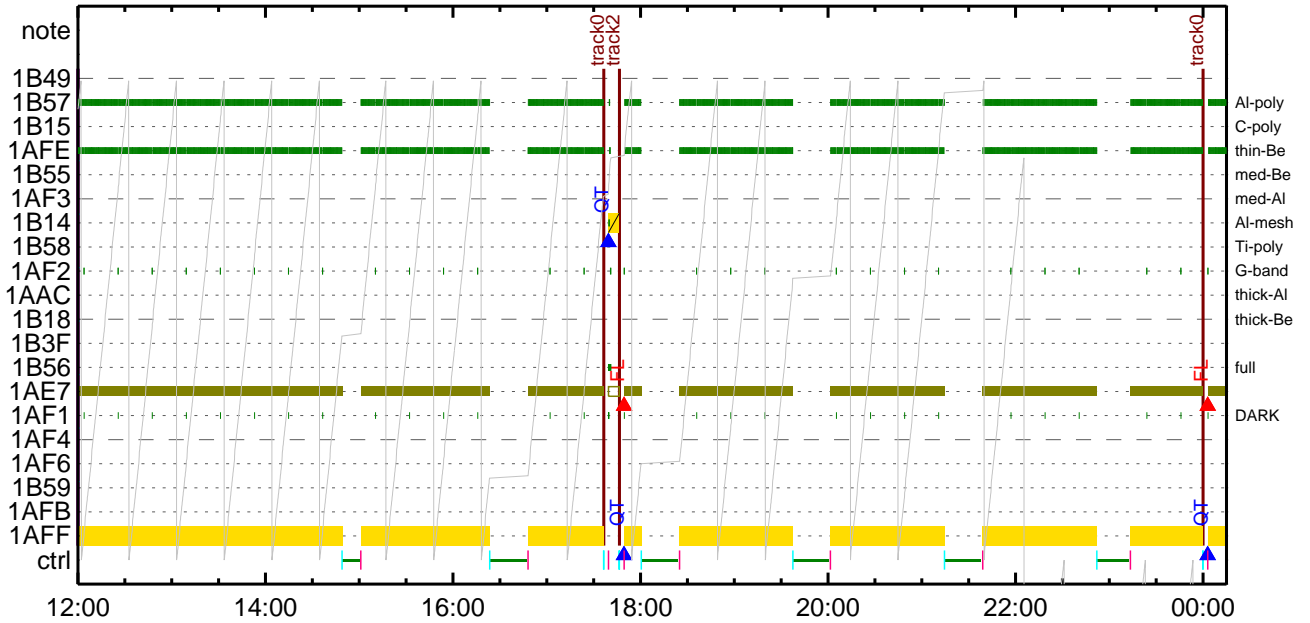
CMDI #0346 2016/12/03



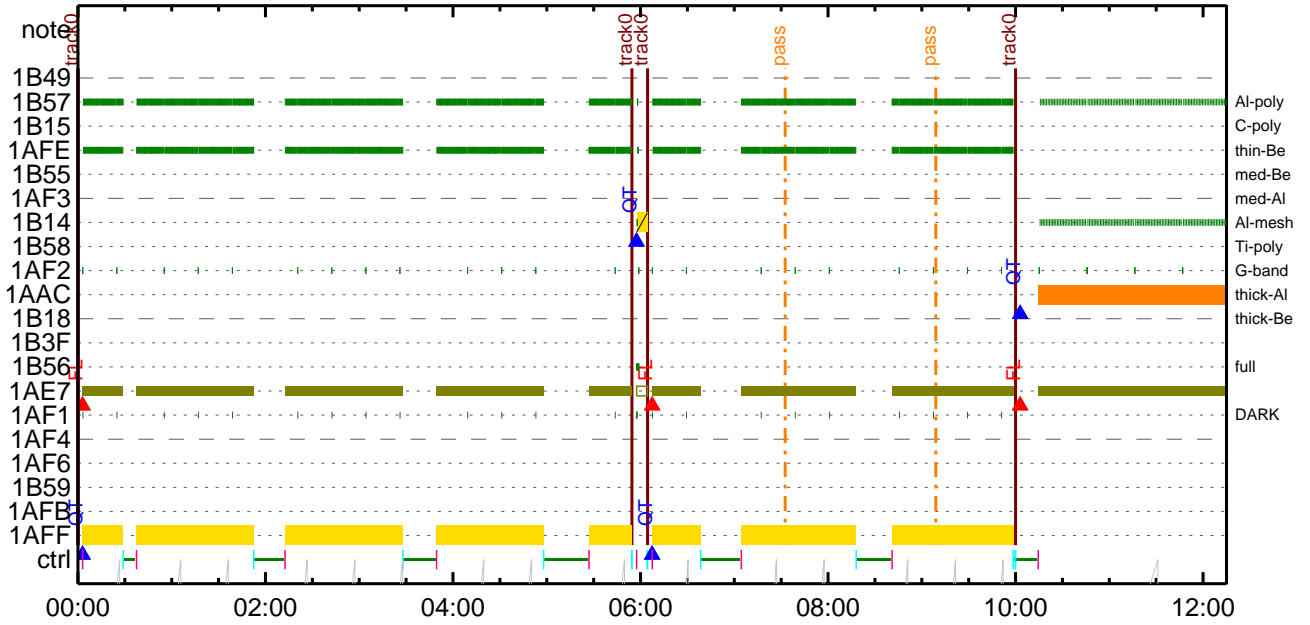
CMDI #0346 2016/12/04



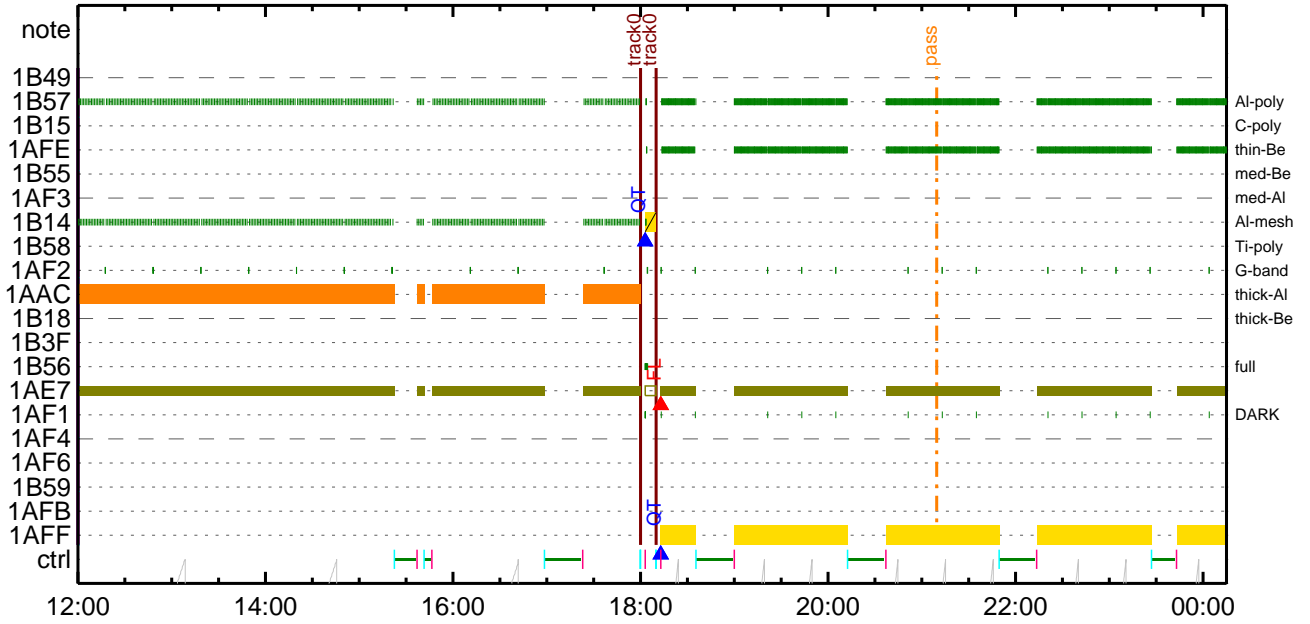
CMDI #0346 2016/12/04



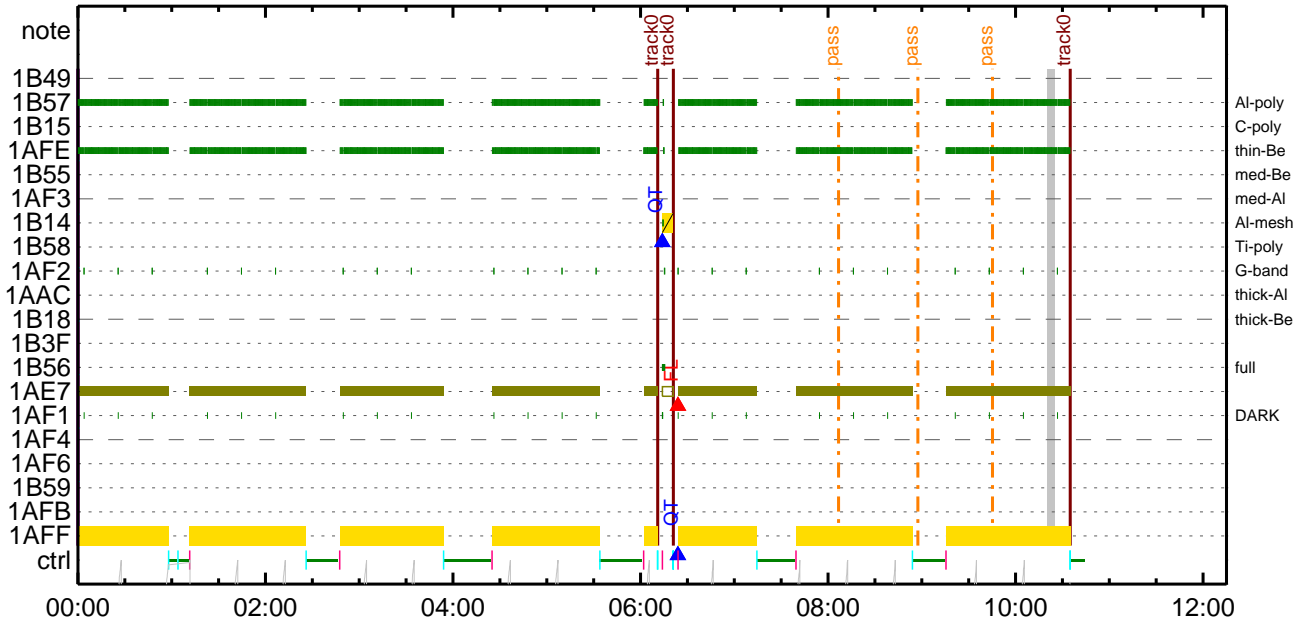
CMDI #0346 2016/12/05



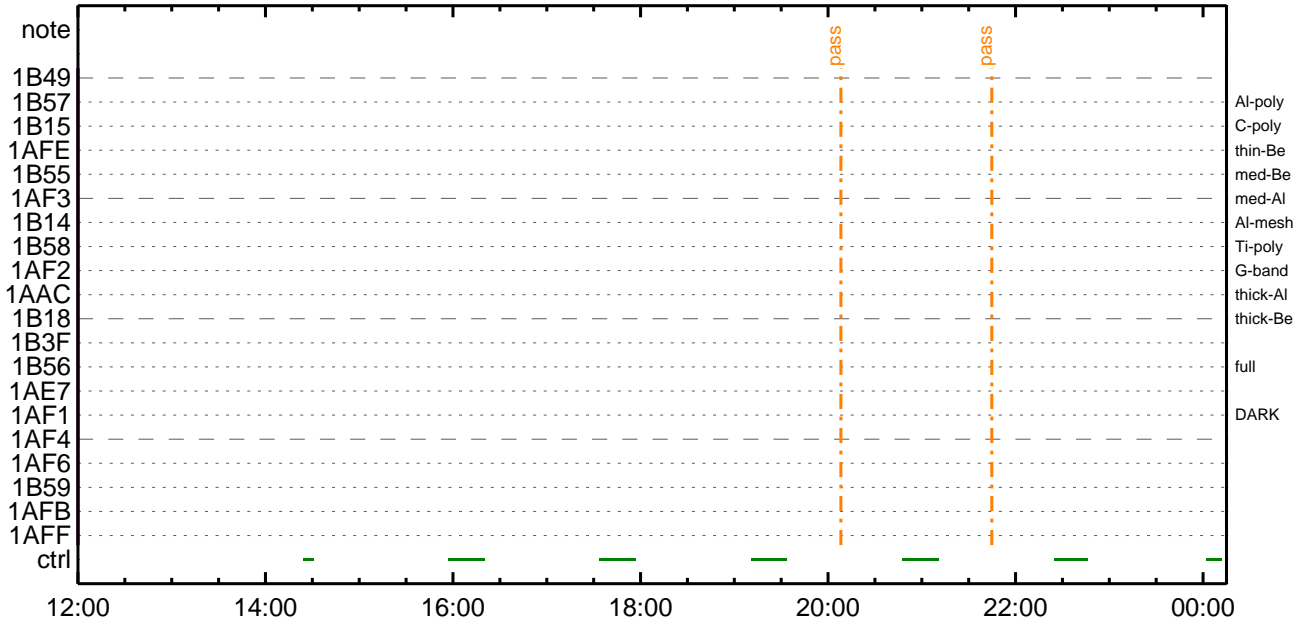
CMDI #0346 2016/12/05



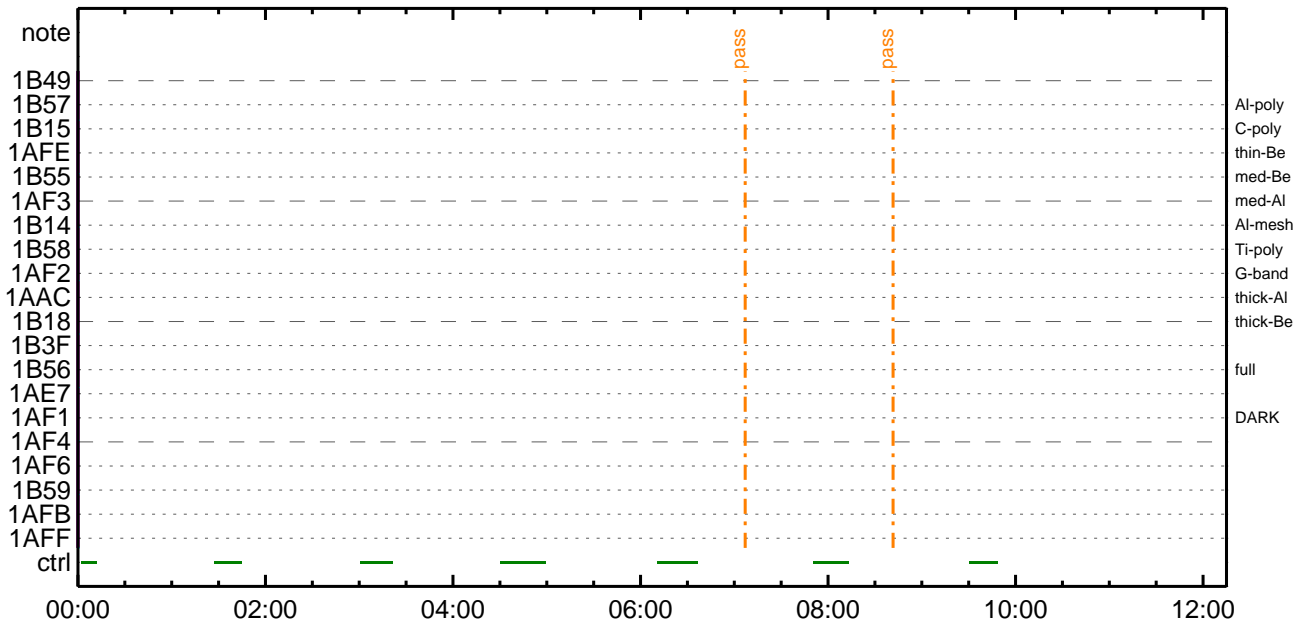
CMDI #0346 2016/12/06



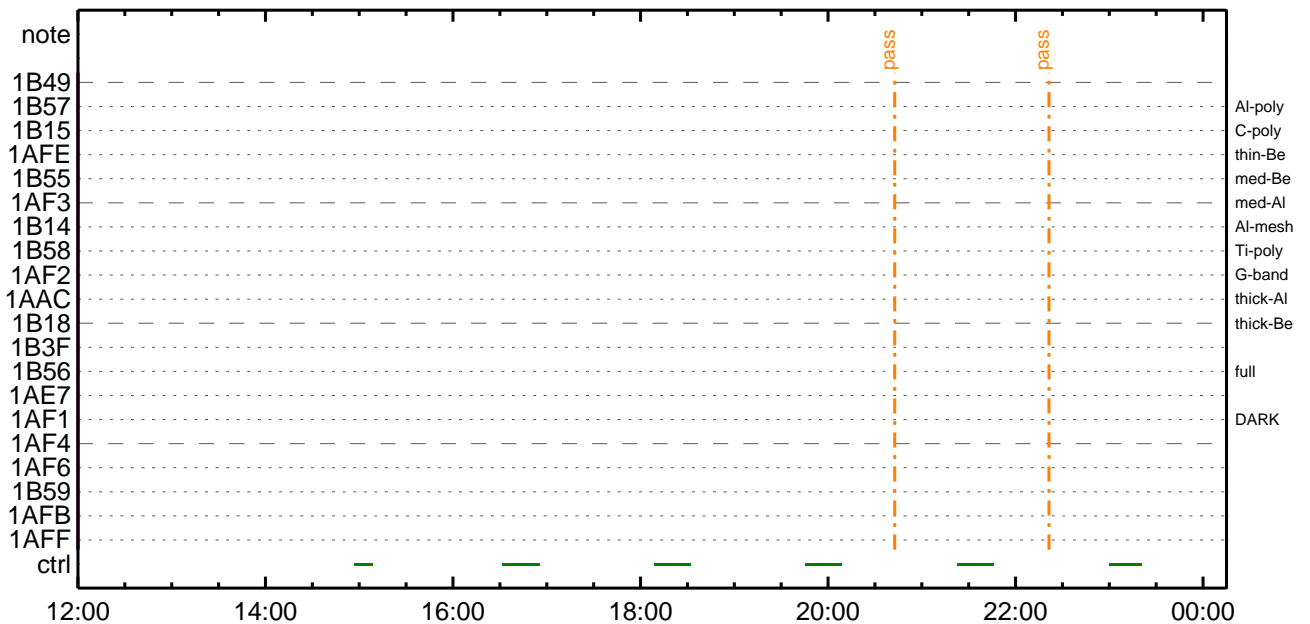
CMDI #0346 2016/12/06



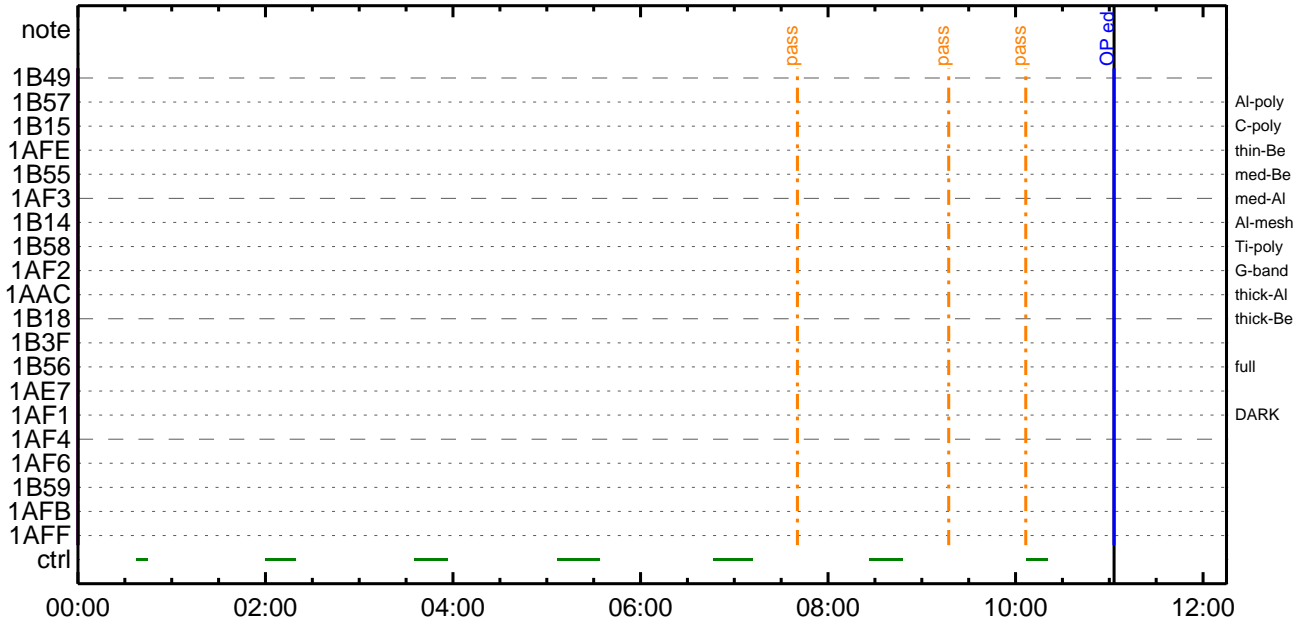
CMDI #0346 2016/12/07



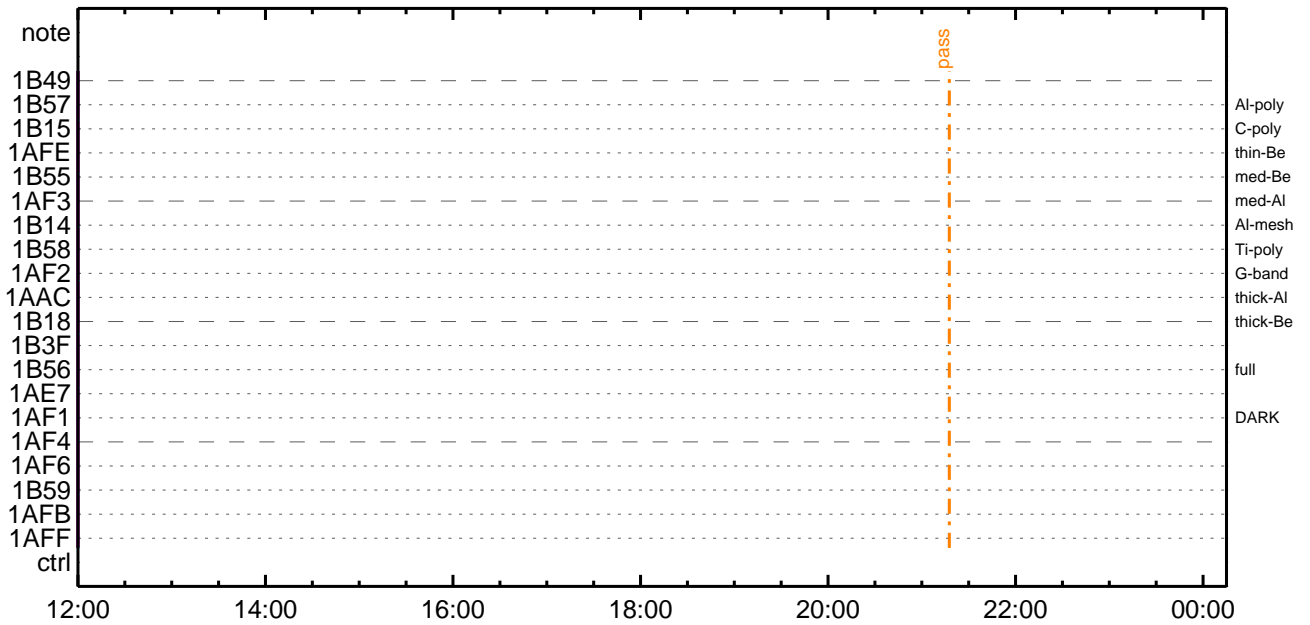
CMDI #0346 2016/12/07



CMDI #0346 2016/12/08



CMDI #0346 2016/12/08




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0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;ä
0100 C. *****
0101 C.
0102 C. ;äOP/OGY1;4YE;ä
0103 S. OP op-270:OP
0104 ( )
0105 S. OG og-270:OG
0106 ( )
0107 C.
0108 C. ;äNMOG&OPîî°èYÄYóYx;ä
0109 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç[HK1_PKT_FORM_NO] EQ 7
0120 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 C. YÄYóYx½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG²î¼Ê¹ç•è²îOKò³îÇ§
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. çç[HK1_PKT_FORM_NO] EQ 7
0139 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 C. YÄYóYx½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG²î¼Ê¹ç•è²îOKò³îÇ§
0146 C.
0147 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. çç[HK1_PKT_FORM_NO] EQ 7
0158 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 C. YÄYóYx½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OP²î¼Ê¹ç•è²îOKò³îÇ§
0165 C.
0166 C. ***** °Ê²¼òî¼Ä´¶Á°òÊÊ¬ò°Ä÷¿® (¼âµ-YÄYóYx½ªî»ò³îÇ§²¼òî¼Ä´¶Á°òÊÊ¬ò°Ä÷¿®) *****
0167 C. DHUYâ;4YE;ä;Ê¼Y½;Yî;4YE;ËòîÄª¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç[HK1_PKT_FORM_NO] EQ 2
0171 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 C. NOTICE ;§ OPOG UPLOAD²¬Ä÷¿®NG²î¼Ê¹ç;ç°Ê²¼òî¼Ä´¶Á°òÊÊ¬ò°Ä÷¿®²¼òî¼Ä´¶Á°òÊÊ¬ò°Ä÷¿®;f
0180 C. ²¼òî¼Ä´¶Á°òÊÊ¬ò°Ä÷¿®;çSET²¼òî¼Ä´¶Á°òÊÊ¬ò°Ä÷¿®²¼òî¼Ä´¶Á°òÊÊ¬ò°Ä÷¿®;f
0181 C.
0182 C. TIY³YB¥óYËòòÄî¿¿(UT)
0183 +. TI 2016-11-29 09:28:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2016-11-29 09:28:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2016-11-29 09:28:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

```

```
0194 C.
0195 +. TI 2016-11-29 09:32:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          [HK1_TI_CMD_NUM]                EQ      1COUNTUP
0198 C.
0199 C. °È²¼îÄè%îîñîîŸÄŸŸÄŸ-¹àîŸ
0200 C.          [HK1_TI_CMD_ENA/DIS]            EQ      ENA
0201 C.          [HK1_TI_CMD_NUM]                EQ      4
0202 C.          [HK1_NEXT_EXEC_PIM]            EQ      DHU
0203 C.          [HK1_NEXT_EXEC_DC]             EQ      0xB3
0204 C.
0205 C. *****
0206 C. Tîîî°èŸÄŸÖŸ
0207 C. *****
0208 C.
0209 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC      (03 ab 03 01 02)
0212 C.          [HK1_DMP_TOP_ADRS_1]          EQ      07
0213 C.          [HK1_DMP_TOP_ADRS_0]          EQ      2B
0214 C.          [HK1_DMP_BLOCK_NUM]           EQ      3
0215 C.          [HK1_DMP_REPEAT_NUM]          EQ      0
0216 C.          [HK1_DMA_DMP_PIM]             EQ      DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC      (07 0b f8)
0219 C.          [HK1_PKT_FORM_NO]              EQ      7
0220 C.          [HK1_PKT_GEN_TIME]            EQ      0.25 s
0221 C.          [HK1_S_TLM_BIT_RATE]         EQ      32k
0222 C.          [HK1_X_TLM_BIT_RATE]         EQ      4M
0223 C.          [HK1_DMP_CHK_FLG]            EQ      EXEC
0224 C.
0225 C. ŸÄŸÖŸ½ªî»³îÇŸ
0226 C.          [HK1_DMP_CHK_FLG]            EQ      NON
0227 C.
0228 C. RAM ID=TI_TBLîîîÈ¹ç•è²îOK³îÇŸ
0229 C.
0230 C. DHUŸâ;¼ŸÈ;È¼Ÿ¼.Ÿî;¼ŸÈ;Èîã¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC      (02 0a f8)
0233 C.          [HK1_PKT_FORM_NO]              EQ      2
0234 C.          [HK1_PKT_GEN_TIME]            EQ      0.5S
0235 C.          [HK1_S_TLM_BIT_RATE]         EQ      32K
0236 C.          [HK1_X_TLM_BIT_RATE]         EQ      4M
0237 C.
0238 C. Stop EIS observation and temporarily disable EIS mode changes
0239 C.
0240 C.
0241 C. ***** Start EIS operation (TI set) *****
0242 C. Execute, after the success of OP upload.
0243 C. Set EIS TI-commands
0244 +. TI 2016-11-29 09:32:30.0
0245 DC 07-FC EIS_MODE_MANU
0246 BC      (21 02)
0247 +. TI 2016-11-29 09:32:40.0
0248 DC 07-FC EIS_MODE_CHG_DIS
0249 BC      (22)
0250 C.          [ ] [HK1_TI_CMD_NUM]            EQ      2 COUNTUP
0251 C. ***** End EIS operation (TI set) *****
0252 C.
0253 C.
0254 C. *****
0255 C. SOT TI command set
0256 C. *****
0257 C. Execute, after the success of OP upload.
0258 +. TI 2016-11-29 09:32:16.0
0259 DC 07-F0 MDP_SOT_MODE_STBY
0260 BC      (41)
0261 C. -----
0262 C.          HK1_TI_CMD_NUM                  = 1 CNTUP [ ]
0263 C. -----
0264 C. ***** SOT END *****
0265 C.
0266 C. ***** XRT START *****
0267 C. Execute, after the success of OP upload.
0268 +. TI 2016-11-29 09:32:00.0
0269 DC 07-F0 MDP_XRT_MODE_STBY
0270 BC      (c3)
0271 C.          [ ] [HK1_TI_CMD_NUM]            EQ      1COUNTUP
0272 C.
0273 C. ***** XRT END *****
0274 C.
0275 C. ***** MDP ´úÃîãî»ö¼ŸÈÄ¹èDCBC•²è *****
0276 C. (¼ª°îŸÖŸÄŸÈŸŸŸŸÄŸçŸèÈ¼¼ª»Ÿ¹è)
0277 S. DC-BC dcbc-402:DCBC
0278 (MDP_known_event)
0279 C.
0280 C.
0281 C. ***** ŸŸ¹•î Daily±çîñÈ´¹èDCBC•²è *****
0282 S. DC-BC dcbc-153:DCBC
0283 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0284 C.
0285 C.
0286 C. ;ãLOSŸÄŸŸŸÄŸ-¼ª»Ÿ;ã
0287 C.
0288 C. ***** LOS *****
0289 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```

main-271 2016-11-29 12:13:35 94 33 SOLAR-B MAIN //
0001 . C.
0002 . C. ***** AOS *****
0003 . C.
0004 . C. ;ãAOSYÁY$YÁY~¼Á»Û;ã
0005 . C.
0006 . C. YÁYB;¼Y³YF¥óYÉÁ+¿©
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 . C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 . C. Áí;Èø¿òÁò•µ°È»Í×ÁÇòíYçYÁY×Yí;¼YÉ;ÈÈè%µ•ííÉ;ÈòÈ¼°ÇÒò•ò¿¼ì¹çòÍ;çÀ®, ùò¹òèòòòÇÁ+¿©ò•òÈòòò³òÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 . C.
0013 . C.
0014 . C. ***** AOCs Commands (Tracking Curve Upload) *****
0015 . C. Upload the Orbit Element and the Target Attitude
0016 . C. RAM-ID:TARGET_ATT
0017 . S. RAM ram-150:TARGET_ATT
0018 . C.
0019 . C.
0020 . C.
0021 . C. Set the dump memory area of TARGET_ATT
0022 +. DC 02-48 AOCU_DUMP_SET
0023 . BC (07 00 00 00 18 00)
0024 . C.
0025 . C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0026 . C.
0027 . C.
0028 . C. Change the TLMFormatNo for the AOCs Dump Format
0029 +. DC 01-22 DHU_MODE_CHNG
0030 . BC (04 0b f8)
0031 . C.
0032 . C. Wait for AOCSDUMP to end
0033 . C.
0034 . C. Check the dump memory
0035 . C.
0036 . C. Result = OK [ ]
0037 . C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039 . BC (02 0a f8)
0040 . C.
0041 . C. <A_***>[TLM STS] FMT = 2 [ ]
0042 . C.
0043 +. DC 02-8E AOCU_ORB_UPD
0044 . C.
0045 . C. ***** AOCs Commands (Orbital Element Update) *****
0046 . C. Update the orbital element
0047 +. DC 02-50 AOCU_ORB_PRPGT_START
0048 . BC (16)
0049 +. DC 02-8E AOCU_ORB_UPD
0050 . C.
0051 . C. <A_ORB>[ORBIT] EPC = 2309047.4 +- 1.0 (s) [ ]
0052 . C.
0053 . C.
0054 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0055 +. DC 07-FC EIS_MODE_CHG_ENA
0056 . BC (20)
0057 . C. Verify EIS_MODE_CHG_FLG is ENA
0058 +. DC 07-FC EIS_MODE_MANU
0059 . BC (21 02)
0060 . C. Verify EIS in MANUAL mode
0061 . C. Estimated OBSTBL upload time is 34s
0062 . C. *****
0063 . C. EIS START OBSTBL LOAD
0064 . C. *****
0065 . S. RAM ram-820:EIS_OBSTBL
0066 . C.
0067 +. DC 07-FC EIS_DUMP_OBSTBL
0068 . BC (07 07 07 00 00 70 00)
0069 . C.
0070 . C. Execute, after the success of OBSTBL upload.
0071 . C. Set EIS TI-commands
0072 +. TI 2016-11-29 09:32:50.0
0073 . DC 07-FC EIS_MODE_CHG_ENA
0074 . BC (20)
0075 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0076 . C. *****
0077 . C. EIS END OBSTBL LOAD
0078 . C. *****
0079 . C.
0080 . C. ***** MDP `ûÁÏòÍ»ò¼YòÈÁòò¹òÈDCBC•x²è *****
0081 . C. (¼á°íYóYÁYÈYÏYÈYáYçYèòÈ¼%òò¼Á»Ûò¹òè)
0082 . S. DC-BC dcbc-402:DCBC
0083 . (MDP_known_event)
0084 . C.
0085 . C.
0086 . C. ***** YD¥!•Í Daily±¿ÍÑòÈ`Øò¹òÈDCBC•x²è *****
0087 . S. DC-BC dcbc-153:DCBC
0088 . (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0089 . C.
0090 . C.
0091 . C. ;ãLOSÁY$YÁY~¼Á»Û;ã
0092 . C.
0093 . C. ***** LOS *****
0094 . C.
  
```



```

0096 C.
0097 C.
0098 C.
0099 C. ***** XRT START *****
0100 C.
0101 +. DC 07-F0 MDP_XRT_CTRL_MANU
0102 BC (c1)
0103 +. DC 07-F0 MDP_XRT_CTRL_MANU
0104 BC (c1)
0105 + DC 07-F0 MDP_XRT_MODE_STBY
0106 BC (c3)
0107 . C. ----- Success Verify ? OK / NG ____
0108 C.
0109 C. XRT Obs. Table Upload
0110 . S. RAM ram-291:MDP_OBS_X
0111 ( )
0112 C.
0113 +. DC 07-F0 MDP_DUMP_XRTTBL
0114 BC (84 07 00 00 00 3a d4)
0115 . C. ----- Comparison Check ? OK / ERR ____
0116 C.
0117 C.
0118 +. DC 07-F0 MDP_XRT_ROI_SET
0119 BC (cd 01 b1 b1 04 04)
0120 + DC 07-F0 MDP_XRT_ROI_SET
0121 BC (cd 02 b1 b1 08 08)
0122 + DC 07-F0 MDP_XRT_ROI_SET
0123 BC (cd 03 b1 b1 08 08)
0124 + DC 07-F0 MDP_XRT_ROI_SET
0125 BC (cd 04 b1 b1 06 06)
0126 + DC 07-F0 MDP_XRT_ROI_SET
0127 BC (cd 06 85 83 06 06)
0128 + DC 07-F0 MDP_XRT_ROI_SET
0129 BC (cd 07 c0 c0 10 10)
0130 + DC 07-F0 MDP_XRT_ROI_SET
0131 BC (cd 08 80 80 20 20)
0132 + DC 07-F0 MDP_XRT_ROI_SET
0133 BC (cd 09 40 c0 10 10)
0134 + DC 07-F0 MDP_XRT_ROI_SET
0135 BC (cd 0a 40 40 10 10)
0136 + DC 07-F0 MDP_XRT_ROI_SET
0137 BC (cd 0b c0 40 10 10)
0138 + DC 07-F0 MDP_XRT_ROI_SET
0139 BC (cd 0c 80 80 20 08)
0140 + DC 07-F0 MDP_XRT_ROI_SET
0141 BC (cd 0d 80 80 08 20)
0142 + DC 07-F0 MDP_XRT_ROI_SET
0143 BC (cd 0f 80 80 06 06)
0144 + DC 07-F0 MDP_XRT_ROI_SET
0145 BC (cd 10 80 80 08 08)
0146 + DC 07-F0 MDP_XRT_FLD_ENA
0147 BC (d8)
0148 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0149 BC (c8)
0150 + DC 07-F0 MDP_XRT_ARS_DIS
0151 BC (d5)
0152 + DC 07-F0 MDP_XRT_AEC_RESET
0153 BC (d0)
0154 + DC 07-F0 MDP_XRT_FLD_RESET
0155 BC (da)
0156 + DC 07-F0 MDP_XRT_QT_PROG_SET
0157 BC (c4 01)
0158 + DC 07-F0 MDP_XRT_FL_PROG_SET
0159 BC (c5 07)
0160 . C. ----- Success Verify ? OK / NG ____
0161 C.
0162 C.
0163 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0164 C.
0165 +. DC 07-F0 MDP_XRT_MODE_OBSV
0166 BC (c2)
0167 +. TI 2016-11-29 09:32:02.0
0168 DC 07-F0 MDP_XRT_MODE_OBSV
0169 BC (c2)
0170 . C. ----- Success Verify ? OK / NG ____
0171 C.
0172 C. ***** XRT END *****
0173 . C. *****
0174 C. SOT table upload
0175 C. *****
0176 . C. < Stop SP table >
0177 +. DC 07-F0 MDP_SP_CTRL_MANU
0178 BC (61)
0179 C. -----
0180 C. MDP_SP_CTRL_MODE = MANU [ ]
0181 C. -----
0182 C.
0183 . C. <Upload SP Observation Table>
0184 . S. RAM ram-288:MDP_OBS_S
0185 ( )
0186 C.
0187 . C. < Dump RAMID=MDP_OBS_S >
0188 +. DC 07-F0 MDP_DUMP_SPTBL
0189 BC (83 07 00 00 00 38 b8)
0190 C. -----
0191 C. MDP_OBS_S verify = OK/NG [ ]
0192 C. -----
0193 C.

```


(a) Spacecraft Operation Procedure (real-commands)

```
main-273 2016-11-29 12:13:35 29 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÀYB;¼Y³YBYÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¿µ°Æ»Í×ÁÇóÍYçYÁY×Yí;¼YÉ;ÈÈèµ•íÍÉ;ÈÈÈ¼°ÇÔα•¿¿i¹ç¿Í;çÀ®, ùα¹αèαβαÇÁ+¿®α•αÈααα³αÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 . C. ***** MDP `úÁîσî»ò¼YαÈÁÐα¹αèDCBC•x²è *****
0016 C. (¼á°íYÓYÁYÈYBYÉYáYçYèαÈ¼αα¼Á»Ûα¹αè)
0017 . S. DC-BC dcbc-402:DCBC
0018 (MDP_known_event)
0019 C.
0020 C.
0021 . C. ***** YDY¹•İ Daily+¿İÑαÈ´Øα¹αèDCBC•x²è *****
0022 . S. DC-BC dcbc-153:DCBC
0023 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0024 C.
0025 C.
0026 . C. ;ãLOSÁY$YÁY-¼Á»Û;ã
0027 C.
0028 . C. ***** LOS *****
0029 C.
```

*** OP Sequence for XRT ***

```

2016/11/29 09:43:00.0 AOCs_OrE-point_Start_1_og [0x097]
                        AOCu_NM                    5 02-76 02 00 00 00 00
2016/11/29 17:40:00.0 AOCs_OrE-point_Start_2_og [0x098]
                        AOCu_NM                    5 02-76 00 00 00 00 00
2016/11/29 18:10:00.0 AOCs_OrE-point_Start_1_og [0x097]
                        AOCu_NM                    5 02-76 02 00 00 00 00
2016/11/30 06:15:00.0 XRT_TCIB_XRT_S_HTR_A_DiS_404_og [0x194]
                        TCIB_XRT_S_HTR_A_DiS 0 04-C0
2016/11/30 12:14:54.0 XRT_CTRl_MANu_402_og [0x192]
                        MDP_XRT_CTRl_MANu        1 07-F0 c1
2016/11/30 12:14:56.0 XRT_CTRl_MANu_402_og [0x192]
                        MDP_XRT_CTRl_MANu        1 07-F0 c1
2016/11/30 12:14:58.0 XRT_FOCuS_PosITIoN_439_og [0x1b7]
                        XRT_FOCuS_PosITIoN        4 07-F8 22 ff aa 00
2016/11/30 12:15:00.0 AOCs_OrE-point_Start_3_og [0x099]
                        AOCu_NM                    5 02-76 00 2e f9 2e f9
2016/11/30 12:15:18.0 XRT_FlD_DiS_428_og [0x1ac]
                        MDP_XRT_FlD_DiS          1 07-F0 d9
2016/11/30 12:15:20.0 XRT_FlRCTRl_DiS_443_og [0x1bb]
                        MDP_XRT_FlRCTRl_DiS        1 07-F0 c9
2016/11/30 12:17:56.0 XRT_ARS_DiS_445_og [0x1bd]
                        MDP_XRT_ARS_DiS          1 07-F0 d5
2016/11/30 12:17:58.0 XRT_QT_ProG_SeT_432_og [0x1b0]
                        MDP_XRT_QT_ProG_SeT        2 07-F0 c4 06
2016/11/30 12:18:00.0 XRT_CTRl_AuTO_408_og [0x198]
                        MDP_XRT_CTRl_AuTO        1 07-F0 c0
2016/11/30 12:24:54.0 XRT_CTRl_MANu_402_og [0x192]
                        MDP_XRT_CTRl_MANu        1 07-F0 c1
2016/11/30 12:24:56.0 XRT_CTRl_MANu_402_og [0x192]
                        MDP_XRT_CTRl_MANu        1 07-F0 c1
2016/11/30 12:24:58.0 XRT_FOCuS_PosITIoN_439_og [0x1b7]
                        XRT_FOCuS_PosITIoN        4 07-F8 22 ff aa 00
2016/11/30 12:25:00.0 AOCs_OrE-point_Start_4_og [0x09a]
                        AOCu_NM                    5 02-76 00 2e f9 d1 07
2016/11/30 12:25:18.0 XRT_FlD_DiS_428_og [0x1ac]
                        MDP_XRT_FlD_DiS          1 07-F0 d9
2016/11/30 12:25:20.0 XRT_FlRCTRl_DiS_443_og [0x1bb]
                        MDP_XRT_FlRCTRl_DiS        1 07-F0 c9
2016/11/30 12:27:56.0 XRT_ARS_DiS_445_og [0x1bd]
                        MDP_XRT_ARS_DiS          1 07-F0 d5
2016/11/30 12:27:58.0 XRT_QT_ProG_SeT_429_og [0x1ad]
                        MDP_XRT_QT_ProG_SeT        2 07-F0 c4 0c
2016/11/30 12:28:00.0 XRT_CTRl_AuTO_408_og [0x198]
                        MDP_XRT_CTRl_AuTO        1 07-F0 c0
2016/11/30 12:34:54.0 XRT_CTRl_MANu_402_og [0x192]
                        MDP_XRT_CTRl_MANu        1 07-F0 c1
2016/11/30 12:34:56.0 XRT_CTRl_MANu_402_og [0x192]
                        MDP_XRT_CTRl_MANu        1 07-F0 c1
2016/11/30 12:34:58.0 XRT_FOCuS_PosITIoN_439_og [0x1b7]
                        XRT_FOCuS_PosITIoN        4 07-F8 22 ff aa 00
2016/11/30 12:35:00.0 AOCs_OrE-point_Start_5_og [0x09b]
                        AOCu_NM                    5 02-76 00 d1 07 d1 07
2016/11/30 12:35:18.0 XRT_FlD_DiS_428_og [0x1ac]
                        MDP_XRT_FlD_DiS          1 07-F0 d9
2016/11/30 12:35:20.0 XRT_FlRCTRl_DiS_443_og [0x1bb]
                        MDP_XRT_FlRCTRl_DiS        1 07-F0 c9
2016/11/30 12:37:56.0 XRT_ARS_DiS_445_og [0x1bd]
                        MDP_XRT_ARS_DiS          1 07-F0 d5
2016/11/30 12:37:58.0 XRT_QT_ProG_SeT_426_og [0x1aa]
                        MDP_XRT_QT_ProG_SeT        2 07-F0 c4 0f
2016/11/30 12:38:00.0 XRT_CTRl_AuTO_408_og [0x198]
                        MDP_XRT_CTRl_AuTO        1 07-F0 c0
2016/11/30 12:44:54.0 XRT_CTRl_MANu_402_og [0x192]
                        MDP_XRT_CTRl_MANu        1 07-F0 c1
2016/11/30 12:44:56.0 XRT_CTRl_MANu_402_og [0x192]
                        MDP_XRT_CTRl_MANu        1 07-F0 c1
2016/11/30 12:44:58.0 XRT_FOCuS_PosITIoN_439_og [0x1b7]
                        XRT_FOCuS_PosITIoN        4 07-F8 22 ff aa 00
2016/11/30 12:45:00.0 AOCs_OrE-point_Start_6_og [0x09c]
                        AOCu_NM                    5 02-76 00 d1 07 2e f9
2016/11/30 12:45:18.0 XRT_FlD_DiS_428_og [0x1ac]
                        MDP_XRT_FlD_DiS          1 07-F0 d9
2016/11/30 12:45:20.0 XRT_FlRCTRl_DiS_443_og [0x1bb]
                        MDP_XRT_FlRCTRl_DiS        1 07-F0 c9
2016/11/30 12:47:56.0 XRT_ARS_DiS_445_og [0x1bd]
                        MDP_XRT_ARS_DiS          1 07-F0 d5
2016/11/30 12:47:58.0 XRT_QT_ProG_SeT_413_og [0x19d]
                        MDP_XRT_QT_ProG_SeT        2 07-F0 c4 05
2016/11/30 12:48:00.0 XRT_CTRl_AuTO_408_og [0x198]
                        MDP_XRT_CTRl_AuTO        1 07-F0 c0
2016/11/30 12:54:54.0 XRT_CTRl_MANu_402_og [0x192]
                        MDP_XRT_CTRl_MANu        1 07-F0 c1
2016/11/30 12:54:56.0 XRT_CTRl_MANu_402_og [0x192]
                        MDP_XRT_CTRl_MANu        1 07-F0 c1
2016/11/30 12:54:58.0 XRT_FOCuS_ReCALIBRATE_416_og [0x1a0]
                        XRT_FOCuS_ReCAL            2 07-F8 78 00
2016/11/30 12:55:00.0 AOCs_OrE-point_Start_1_og [0x097]
                        AOCu_NM                    5 02-76 02 00 00 00 00
2016/11/30 12:58:58.0 XRT_FOCuS_PosITIoN_410_og [0x19a]
                        XRT_FOCuS_PosITIoN        4 07-F8 22 fe 97 00
2016/11/30 12:59:18.0 XRT_FlD_EnA_411_og [0x19b]
    
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Nov 29, 16 12:13

XRT_OGLIST_0346.chk

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| | | | | | | | |
|------------|------------|-----------------------------------|---------------------|---|-------|----|-------------|
| 2016/11/30 | 12:59:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| | | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2016/11/30 | 12:59:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2016/11/30 | 12:59:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2016/11/30 | 12:59:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/11/30 | 13:01:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 01 |
| 2016/11/30 | 13:01:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 07 |
| 2016/11/30 | 13:02:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/11/30 | 15:41:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/11/30 | 15:41:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/11/30 | 15:41:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2016/11/30 | 15:44:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2016/11/30 | 16:04:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2016/11/30 | 16:05:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/11/30 | 17:17:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/11/30 | 17:17:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/11/30 | 17:17:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2016/11/30 | 17:20:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2016/11/30 | 17:41:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2016/11/30 | 17:42:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/11/30 | 17:57:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/11/30 | 17:57:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/11/30 | 17:57:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff aa 00 |
| 2016/11/30 | 17:58:00.0 | AOCS_Orе-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 | 00 00 00 00 |
| 2016/11/30 | 17:58:18.0 | XRT_FLD_DIS_406_OG [0x196] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2016/11/30 | 18:00:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2016/11/30 | 18:00:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2016/11/30 | 18:00:58.0 | XRT_QT_PROG_SET_442_OG [0x1ba] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 12 |
| 2016/11/30 | 18:01:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/11/30 | 18:07:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/11/30 | 18:07:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/11/30 | 18:07:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe 97 00 |
| 2016/11/30 | 18:08:00.0 | AOCS_Orе-point_Start_1_OG [0x097] | AOCU_NM | 5 | 02-76 | 02 | 00 00 00 00 |
| 2016/11/30 | 18:08:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2016/11/30 | 18:08:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2016/11/30 | 18:08:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2016/11/30 | 18:08:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2016/11/30 | 18:08:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/11/30 | 18:10:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 01 |
| 2016/11/30 | 18:10:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 07 |
| 2016/11/30 | 18:11:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/11/30 | 18:54:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/11/30 | 18:54:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/11/30 | 18:54:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2016/11/30 | 18:57:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2016/11/30 | 19:17:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2016/11/30 | 19:18:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/11/30 | 20:31:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/11/30 | 20:31:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|
| 2016/11/30 | 20:31:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2016/11/30 | 20:34:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2016/11/30 | 20:55:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2016/11/30 | 20:56:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/11/30 | 22:08:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/11/30 | 22:08:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/11/30 | 22:08:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2016/11/30 | 22:11:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2016/11/30 | 22:31:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2016/11/30 | 22:32:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/11/30 | 23:46:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/11/30 | 23:46:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/11/30 | 23:46:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2016/11/30 | 23:49:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2016/11/30 | 23:57:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2016/11/30 | 23:58:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/12/01 | 01:13:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/12/01 | 01:13:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/12/01 | 01:13:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2016/12/01 | 01:16:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2016/12/01 | 01:29:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2016/12/01 | 01:30:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/12/01 | 02:44:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/12/01 | 02:44:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/12/01 | 02:44:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2016/12/01 | 02:47:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2016/12/01 | 03:05:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2016/12/01 | 03:06:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/12/01 | 04:13:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/12/01 | 04:13:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/12/01 | 04:13:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2016/12/01 | 04:16:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2016/12/01 | 04:42:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2016/12/01 | 04:43:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/12/01 | 05:53:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/12/01 | 05:53:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/12/01 | 05:53:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2016/12/01 | 05:56:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2016/12/01 | 06:20:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2016/12/01 | 06:21:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/12/01 | 06:29:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/12/01 | 06:29:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/12/01 | 06:29:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2016/12/01 | 06:30:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | |
| 2016/12/01 | 06:30:18.0 | XRT_FLD_DIS_406_OG [0x196] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2016/12/01 | 06:32:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2016/12/01 | 06:32:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2016/12/01 | 06:32:58.0 | XRT_QT_PROG_SET_417_OG [0x1a1] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0e | |
| 2016/12/01 | 06:33:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/12/01 | 06:39:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |

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|------------|------------|-----------------------------------|------------------------------|---|-------|----|----|----------|
| 2016/12/01 | 06:39:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2016/12/01 | 06:39:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2016/12/01 | 06:40:00.0 | AOCs_OrE-point_Start_1_OG [0x097] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 00 |
| 2016/12/01 | 06:40:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 02 | 00 | 00 00 00 |
| 2016/12/01 | 06:40:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2016/12/01 | 06:40:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2016/12/01 | 06:40:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2016/12/01 | 06:40:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2016/12/01 | 06:42:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2016/12/01 | 06:42:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 01 | |
| 2016/12/01 | 06:43:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 07 | |
| 2016/12/01 | 07:34:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2016/12/01 | 07:34:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2016/12/01 | 07:34:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2016/12/01 | 07:37:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2016/12/01 | 07:57:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2016/12/01 | 07:58:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | 1 | 07-F0 | c0 | | |
| 2016/12/01 | 09:13:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2016/12/01 | 09:13:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2016/12/01 | 09:13:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2016/12/01 | 09:16:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2016/12/01 | 09:33:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2016/12/01 | 09:34:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | 1 | 07-F0 | c0 | | |
| 2016/12/01 | 10:56:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2016/12/01 | 10:56:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2016/12/01 | 10:56:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2016/12/01 | 10:58:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2016/12/01 | 10:59:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2016/12/01 | 10:59:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2016/12/01 | 14:41:30.0 | XRT_CTRL_MANU_400_OG [0x190] | XRT_CTRL_AUTO_424_OG [0x1a8] | 1 | 07-F0 | c0 | | |
| 2016/12/01 | 14:41:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2016/12/01 | 14:41:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2016/12/01 | 14:44:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2016/12/01 | 14:51:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2016/12/01 | 14:52:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2016/12/01 | 16:15:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2016/12/01 | 16:15:32.0 | XRT_FLD_RESET_415_OG [0x19f] | XRT_CTRL_AUTO_424_OG [0x1a8] | 1 | 07-F0 | c0 | | |
| 2016/12/01 | 16:15:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2016/12/01 | 16:18:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2016/12/01 | 16:39:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2016/12/01 | 16:40:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2016/12/01 | 17:52:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2016/12/01 | 17:52:02.0 | XRT_FLD_RESET_415_OG [0x19f] | XRT_CTRL_MANU_400_OG [0x190] | 1 | 07-F0 | c1 | | |
| 2016/12/01 | 17:52:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2016/12/01 | 17:55:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2016/12/01 | 18:15:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2016/12/01 | 18:15:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2016/12/01 | 18:15:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2016/12/01 | 18:16:00.0 | AOCs_OrE-point_Start_2_OG [0x098] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa 00 |

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|------------|------------|-----------------------------------|---------------------|---|-------|----|----|----|----|----|
| 2016/12/01 | 18:16:18.0 | XRT_FLD_DIS_406_OG [0x196] | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| | | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2016/12/01 | 18:18:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | 1 | 07-F0 | c9 | | | | |
| | | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2016/12/01 | 18:18:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | | 1 | 07-F0 | d5 | | | | |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2016/12/01 | 18:18:58.0 | XRT_QT_PROG_SET_417_OG [0x1a1] | | 2 | 07-F0 | c4 | 0e | | | |
| | | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0e | | | |
| 2016/12/01 | 18:19:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | 1 | 07-F0 | c0 | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/01 | 18:25:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | c1 | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/01 | 18:25:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | c1 | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/01 | 18:25:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| | | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2016/12/01 | 18:26:00.0 | AOCs_Orе-point_Start_1_OG [0x097] | | 5 | 02-76 | 02 | 00 | 00 | 00 | 00 |
| | | | AOCU_NM | 5 | 02-76 | 02 | 00 | 00 | 00 | 00 |
| 2016/12/01 | 18:26:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | 1 | 07-F0 | d8 | | | | |
| | | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2016/12/01 | 18:26:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | 1 | 07-F0 | c8 | | | | |
| | | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2016/12/01 | 18:26:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | 1 | 07-F0 | d0 | | | | |
| | | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2016/12/01 | 18:26:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | 1 | 07-F0 | d5 | | | | |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2016/12/01 | 18:26:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | | 1 | 07-F0 | da | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/01 | 18:28:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | | 2 | 07-F0 | c4 | 01 | | | |
| | | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 01 | | | |
| 2016/12/01 | 18:28:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | | 2 | 07-F0 | c5 | 07 | | | |
| | | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 07 | | | |
| 2016/12/01 | 18:29:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | 1 | 07-F0 | c0 | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/01 | 19:29:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | c1 | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/01 | 19:29:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | da | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/01 | 19:29:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | 1 | 07-F0 | e8 | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/01 | 19:32:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | 1 | 07-F0 | e9 | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/01 | 19:52:30.0 | XRT_Custom_430_OG [0x1ae] | | 1 | 07-F0 | c0 | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/01 | 19:53:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | 1 | 07-F0 | c0 | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/01 | 21:06:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | c1 | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/01 | 21:06:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | da | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/01 | 21:06:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | 1 | 07-F0 | e8 | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/01 | 21:09:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | 1 | 07-F0 | e9 | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/01 | 21:30:00.0 | XRT_Custom_430_OG [0x1ae] | | 1 | 07-F0 | c0 | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/01 | 21:31:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | 1 | 07-F0 | c0 | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/01 | 22:44:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | c1 | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/01 | 22:44:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | da | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/01 | 22:44:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | 1 | 07-F0 | e8 | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/01 | 22:47:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | 1 | 07-F0 | e9 | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/01 | 23:05:00.0 | XRT_Custom_430_OG [0x1ae] | | 1 | 07-F0 | c0 | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/01 | 23:06:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | 1 | 07-F0 | c0 | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/02 | 00:21:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | c1 | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/02 | 00:21:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | da | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/02 | 00:21:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | 1 | 07-F0 | e8 | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/02 | 00:24:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | 1 | 07-F0 | e9 | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/02 | 00:29:00.0 | XRT_Custom_430_OG [0x1ae] | | 1 | 07-F0 | c0 | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/02 | 00:30:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | 1 | 07-F0 | c0 | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/02 | 01:45:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | c1 | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/02 | 01:45:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | da | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/02 | 01:45:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | 1 | 07-F0 | e8 | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/02 | 01:48:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | 1 | 07-F0 | e9 | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/02 | 02:03:30.0 | XRT_Custom_430_OG [0x1ae] | | 1 | 07-F0 | c0 | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/02 | 02:04:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | 1 | 07-F0 | c0 | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/02 | 03:19:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | c1 | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/02 | 03:19:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | da | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|
| 2016/12/02 | 03:19:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2016/12/02 | 03:22:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2016/12/02 | 03:40:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2016/12/02 | 03:41:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2016/12/02 | 04:49:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/02 | 04:49:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2016/12/02 | 04:49:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2016/12/02 | 04:52:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2016/12/02 | 05:18:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2016/12/02 | 05:19:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/02 | 06:00:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/02 | 06:00:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/02 | 06:00:28.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2016/12/02 | 06:00:30.0 | AOCS_Or-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2016/12/02 | 06:00:48.0 | XRT_FLD_DIS_406_OG [0x196] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2016/12/02 | 06:03:24.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2016/12/02 | 06:03:26.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2016/12/02 | 06:03:28.0 | XRT_QT_PROG_SET_417_OG [0x1a1] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0e |
| 2016/12/02 | 06:03:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2016/12/02 | 06:10:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/02 | 06:10:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/02 | 06:10:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2016/12/02 | 06:10:30.0 | AOCS_Or-point_Start_1_OG [0x097] | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 |
| 2016/12/02 | 06:10:48.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2016/12/02 | 06:10:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2016/12/02 | 06:10:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2016/12/02 | 06:10:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2016/12/02 | 06:10:56.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2016/12/02 | 06:13:26.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 01 |
| 2016/12/02 | 06:13:28.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 07 |
| 2016/12/02 | 06:13:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2016/12/02 | 06:30:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/02 | 06:30:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2016/12/02 | 06:30:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2016/12/02 | 06:33:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2016/12/02 | 06:55:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2016/12/02 | 06:56:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/02 | 08:10:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/02 | 08:10:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2016/12/02 | 08:10:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2016/12/02 | 08:13:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2016/12/02 | 08:32:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2016/12/02 | 08:33:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/02 | 09:50:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/02 | 09:50:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2016/12/02 | 09:50:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2016/12/02 | 09:53:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2016/12/02 | 10:06:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2016/12/02 | 10:07:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|
| 2016/12/02 | 15:15:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/02 | 15:15:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2016/12/02 | 15:15:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2016/12/02 | 15:18:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2016/12/02 | 15:28:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2016/12/02 | 15:29:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2016/12/02 | 15:36:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/02 | 15:36:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2016/12/02 | 15:36:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2016/12/02 | 15:37:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2016/12/02 | 15:38:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2016/12/02 | 15:39:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2016/12/02 | 16:50:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/02 | 16:50:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2016/12/02 | 16:50:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2016/12/02 | 16:53:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2016/12/02 | 17:14:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2016/12/02 | 17:15:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2016/12/02 | 17:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/02 | 17:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/02 | 17:59:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2016/12/02 | 18:00:00.0 | AOCS_OrE-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2016/12/02 | 18:00:18.0 | XRT_FLD_DIS_406_OG [0x196] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2016/12/02 | 18:02:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2016/12/02 | 18:02:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2016/12/02 | 18:02:58.0 | XRT_QT_PROG_SET_417_OG [0x1a1] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0e |
| 2016/12/02 | 18:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2016/12/02 | 18:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/02 | 18:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/02 | 18:09:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2016/12/02 | 18:10:00.0 | AOCS_OrE-point_Start_1_OG [0x097] | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 |
| 2016/12/02 | 18:10:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2016/12/02 | 18:10:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2016/12/02 | 18:10:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2016/12/02 | 18:10:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2016/12/02 | 18:10:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2016/12/02 | 18:12:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 01 |
| 2016/12/02 | 18:12:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 07 |
| 2016/12/02 | 18:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2016/12/02 | 18:27:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/02 | 18:27:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2016/12/02 | 18:27:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2016/12/02 | 18:30:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2016/12/02 | 18:50:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2016/12/02 | 18:51:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2016/12/02 | 20:04:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/02 | 20:04:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2016/12/02 | 20:04:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |

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|------------|------------|-----------------------------------|---|-------|----------------|
| 2016/12/02 | 20:07:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2016/12/02 | 20:28:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2016/12/02 | 20:29:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2016/12/02 | 21:41:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/02 | 21:41:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2016/12/02 | 21:41:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2016/12/02 | 21:44:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2016/12/02 | 22:04:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2016/12/02 | 22:05:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2016/12/02 | 23:19:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/02 | 23:19:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2016/12/02 | 23:19:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2016/12/02 | 23:22:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2016/12/02 | 23:35:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2016/12/02 | 23:36:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2016/12/03 | 00:53:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/03 | 00:53:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2016/12/03 | 00:53:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2016/12/03 | 00:56:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/03 | 00:56:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2016/12/03 | 00:56:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2016/12/03 | 00:56:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2016/12/03 | 00:59:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2016/12/03 | 01:02:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2016/12/03 | 01:03:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2016/12/03 | 02:18:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/03 | 02:18:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2016/12/03 | 02:18:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2016/12/03 | 02:21:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2016/12/03 | 02:38:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2016/12/03 | 02:39:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2016/12/03 | 03:48:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/03 | 03:48:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2016/12/03 | 03:48:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2016/12/03 | 03:51:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2016/12/03 | 04:15:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2016/12/03 | 04:16:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2016/12/03 | 05:26:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/03 | 05:26:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2016/12/03 | 05:26:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2016/12/03 | 05:29:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2016/12/03 | 05:53:00.5 | XRT_Custom_430_OG [0x1ae] | | | |
| 2016/12/03 | 05:54:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2016/12/03 | 06:02:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/03 | 06:02:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/03 | 06:02:28.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2016/12/03 | 06:02:30.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2016/12/03 | 06:02:48.0 | XRT_FLD_DIS_406_OG [0x196] | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2016/12/03 | 06:05:24.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2016/12/03 | 06:05:26.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |

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|------------|------------|-----------------------------------|---|-------|----|----|----|----|
| 2016/12/03 | 06:05:28.0 | XRT_QT_PROG_SET_417_OG [0x1a1] | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0e | | |
| 2016/12/03 | 06:05:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2016/12/03 | 06:12:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2016/12/03 | 06:12:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2016/12/03 | 06:12:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 |
| 2016/12/03 | 06:12:30.0 | AOCS_ORe-point_Start_1_OG [0x097] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 | 00 | 00 | 00 |
| 2016/12/03 | 06:12:48.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2016/12/03 | 06:12:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2016/12/03 | 06:12:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2016/12/03 | 06:12:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2016/12/03 | 06:12:56.0 | XRT_FLD_RESET_433_OG [0x1b1] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2016/12/03 | 06:15:26.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 01 | | |
| 2016/12/03 | 06:15:28.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 07 | | |
| 2016/12/03 | 06:15:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2016/12/03 | 07:06:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2016/12/03 | 07:06:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2016/12/03 | 07:06:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2016/12/03 | 07:09:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2016/12/03 | 07:30:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2016/12/03 | 07:31:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2016/12/03 | 08:46:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2016/12/03 | 08:46:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2016/12/03 | 08:46:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2016/12/03 | 08:49:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2016/12/03 | 09:06:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2016/12/03 | 09:07:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2016/12/03 | 10:27:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2016/12/03 | 10:27:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2016/12/03 | 10:27:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2016/12/03 | 10:30:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2016/12/03 | 10:37:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2016/12/03 | 10:38:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2016/12/03 | 14:17:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2016/12/03 | 14:17:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2016/12/03 | 14:17:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2016/12/03 | 14:20:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2016/12/03 | 14:21:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2016/12/03 | 14:22:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2016/12/03 | 15:49:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2016/12/03 | 15:49:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2016/12/03 | 15:49:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2016/12/03 | 15:52:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2016/12/03 | 16:12:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2016/12/03 | 16:13:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2016/12/03 | 17:25:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2016/12/03 | 17:25:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2016/12/03 | 17:25:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2016/12/03 | 17:28:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2016/12/03 | 17:49:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2016/12/03 | 17:50:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|
| 2016/12/03 | 18:04:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2016/12/03 | 18:04:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/03 | 18:04:28.0 | XRT_FOCUS_POSITION_403_OG [0x193] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/03 | 18:04:30.0 | AOCS_ORe-point_Start_2_OG [0x098] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2016/12/03 | 18:04:48.0 | XRT_FLD_DIS_406_OG [0x196] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2016/12/03 | 18:07:24.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2016/12/03 | 18:07:26.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2016/12/03 | 18:07:28.0 | XRT_QT_PROG_SET_417_OG [0x1a1] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2016/12/03 | 18:07:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0e |
| 2016/12/03 | 18:14:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2016/12/03 | 18:14:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/03 | 18:14:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/03 | 18:14:30.0 | AOCS_ORe-point_Start_1_OG [0x097] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2016/12/03 | 18:14:48.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 |
| 2016/12/03 | 18:14:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2016/12/03 | 18:14:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2016/12/03 | 18:14:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2016/12/03 | 18:14:56.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2016/12/03 | 18:17:26.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2016/12/03 | 18:17:28.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 01 |
| 2016/12/03 | 18:17:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 07 |
| 2016/12/03 | 19:02:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2016/12/03 | 19:02:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/03 | 19:02:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2016/12/03 | 19:05:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2016/12/03 | 19:25:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2016/12/03 | 19:26:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CUSTOM_430 | 1 | 07-F0 | c0 |
| 2016/12/03 | 20:39:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2016/12/03 | 20:39:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/03 | 20:39:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2016/12/03 | 20:42:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2016/12/03 | 21:03:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2016/12/03 | 21:04:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CUSTOM_430 | 1 | 07-F0 | c0 |
| 2016/12/03 | 22:17:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2016/12/03 | 22:17:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/03 | 22:17:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2016/12/03 | 22:20:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2016/12/03 | 22:38:30.5 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2016/12/03 | 22:39:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CUSTOM_430 | 1 | 07-F0 | c0 |
| 2016/12/03 | 23:54:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2016/12/03 | 23:54:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/03 | 23:54:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2016/12/03 | 23:57:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2016/12/04 | 00:04:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2016/12/04 | 00:05:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CUSTOM_430 | 1 | 07-F0 | c0 |
| 2016/12/04 | 01:20:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2016/12/04 | 01:20:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2016/12/04 | 01:20:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2016/12/04 | 01:20:04.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |

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|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2016/12/04 | 01:23:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/04 | 01:37:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/12/04 | 01:38:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/04 | 02:52:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/04 | 02:52:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/04 | 02:52:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/04 | 02:55:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/04 | 03:13:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/12/04 | 03:14:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/04 | 04:22:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/04 | 04:22:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/04 | 04:22:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/04 | 04:25:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/04 | 04:51:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/12/04 | 04:52:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/04 | 05:34:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/04 | 05:34:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/04 | 05:34:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2016/12/04 | 05:35:00.5 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2016/12/04 | 05:35:18.0 | XRT_FLD_DIS_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2016/12/04 | 05:37:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2016/12/04 | 05:37:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2016/12/04 | 05:37:58.0 | XRT_QT_PROG_SET_417_OG [0x1a1] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0e | | | | |
| 2016/12/04 | 05:38:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/04 | 05:44:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/04 | 05:44:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/04 | 05:44:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2016/12/04 | 05:45:00.0 | AOCS_ORe-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | | | | |
| 2016/12/04 | 05:45:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2016/12/04 | 05:45:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2016/12/04 | 05:45:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2016/12/04 | 05:45:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2016/12/04 | 05:45:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/04 | 05:47:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 01 | | | | |
| 2016/12/04 | 05:47:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 07 | | | | |
| 2016/12/04 | 05:48:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/04 | 06:02:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/04 | 06:02:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/04 | 06:02:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/04 | 06:05:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/04 | 06:28:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/12/04 | 06:29:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/04 | 07:42:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/04 | 07:42:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/04 | 07:42:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/04 | 07:45:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/04 | 08:05:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/12/04 | 08:06:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/04 | 09:22:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |

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|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2016/12/04 | 09:22:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/04 | 09:22:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/04 | 09:25:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/04 | 09:40:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/12/04 | 09:41:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/04 | 14:49:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/04 | 14:49:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/04 | 14:49:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/04 | 14:52:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/04 | 15:00:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/12/04 | 15:01:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/04 | 16:23:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/04 | 16:23:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/04 | 16:23:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/04 | 16:26:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/04 | 16:47:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/12/04 | 16:48:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/04 | 17:36:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/04 | 17:36:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/04 | 17:36:28.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2016/12/04 | 17:36:30.0 | AOCS_OrE-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2016/12/04 | 17:36:48.0 | XRT_FLD_DIS_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2016/12/04 | 17:39:24.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2016/12/04 | 17:39:26.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2016/12/04 | 17:39:28.0 | XRT_QT_PROG_SET_417_OG [0x1a1] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0e | | | | |
| 2016/12/04 | 17:39:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/04 | 17:46:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/04 | 17:46:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/04 | 17:46:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2016/12/04 | 17:46:30.0 | AOCS_OrE-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | | | | |
| 2016/12/04 | 17:46:48.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2016/12/04 | 17:46:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2016/12/04 | 17:46:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2016/12/04 | 17:46:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2016/12/04 | 17:46:56.0 | XRT_FLD_RESET_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/04 | 17:49:26.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 01 | | | | |
| 2016/12/04 | 17:49:28.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 07 | | | | |
| 2016/12/04 | 17:49:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/04 | 18:00:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/04 | 18:00:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/04 | 18:00:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/04 | 18:03:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/04 | 18:24:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/12/04 | 18:25:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/04 | 19:37:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/04 | 19:37:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/04 | 19:37:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/04 | 19:40:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/04 | 20:00:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |

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|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2016/12/04 | 20:01:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/04 | 21:14:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/04 | 21:14:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/04 | 21:14:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/04 | 21:17:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/04 | 21:38:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/12/04 | 21:39:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/04 | 22:52:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/04 | 22:52:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/04 | 22:52:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/04 | 22:55:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/04 | 23:12:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/12/04 | 23:13:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/04 | 23:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/04 | 23:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/04 | 23:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2016/12/05 | 00:00:00.0 | AOCS_OrE-point_Start_7_OG [0x09d] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 f5 61 ad 38 | | | | |
| 2016/12/05 | 00:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2016/12/05 | 00:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2016/12/05 | 00:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2016/12/05 | 00:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2016/12/05 | 00:00:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/05 | 00:02:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 01 | | | | |
| 2016/12/05 | 00:02:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 07 | | | | |
| 2016/12/05 | 00:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/05 | 00:29:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/05 | 00:29:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/05 | 00:29:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/05 | 00:32:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/05 | 00:36:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/12/05 | 00:37:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/05 | 01:52:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/05 | 01:52:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/05 | 01:52:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/05 | 01:55:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/05 | 02:11:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/12/05 | 02:12:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/05 | 03:28:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/05 | 03:28:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/05 | 03:28:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/05 | 03:31:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/05 | 03:48:30.5 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/12/05 | 03:49:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/05 | 04:58:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/05 | 04:58:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/05 | 04:58:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/05 | 05:01:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/05 | 05:26:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/12/05 | 05:27:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/05 | 05:54:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |

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|------------|------------|-----------------------------------|---------------------------|---|-------|----|----|----------|
| 2016/12/05 | 05:54:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2016/12/05 | 05:54:28.0 | XRT_FOCUS_POSITION_403_OG [0x193] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2016/12/05 | 05:54:30.0 | AOCS_Ore-point_Start_2_OG [0x098] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa 00 |
| 2016/12/05 | 05:54:48.0 | XRT_FLD_DIS_406_OG [0x196] | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 00 00 |
| 2016/12/05 | 05:57:24.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | |
| 2016/12/05 | 05:57:26.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | |
| 2016/12/05 | 05:57:28.0 | XRT_QT_PROG_SET_417_OG [0x1a1] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2016/12/05 | 05:57:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0e | |
| 2016/12/05 | 06:04:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2016/12/05 | 06:04:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2016/12/05 | 06:04:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2016/12/05 | 06:04:30.0 | AOCS_Ore-point_Start_7_OG [0x09d] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 00 |
| 2016/12/05 | 06:04:48.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 00 | f5 | 61 ad 38 |
| 2016/12/05 | 06:04:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2016/12/05 | 06:04:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2016/12/05 | 06:04:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2016/12/05 | 06:04:56.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2016/12/05 | 06:07:26.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2016/12/05 | 06:07:28.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 01 | |
| 2016/12/05 | 06:07:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 07 | |
| 2016/12/05 | 06:38:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2016/12/05 | 06:38:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2016/12/05 | 06:38:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2016/12/05 | 06:41:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2016/12/05 | 07:03:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2016/12/05 | 07:04:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | 1 | 07-F0 | c0 | | |
| 2016/12/05 | 08:18:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2016/12/05 | 08:18:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2016/12/05 | 08:18:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2016/12/05 | 08:21:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2016/12/05 | 08:40:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2016/12/05 | 08:41:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | 1 | 07-F0 | c0 | | |
| 2016/12/05 | 09:58:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2016/12/05 | 09:58:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2016/12/05 | 09:58:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2016/12/05 | 09:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2016/12/05 | 09:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2016/12/05 | 09:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2016/12/05 | 10:00:00.0 | AOCS_Ore-point_Start_8_OG [0x09e] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 00 |
| 2016/12/05 | 10:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 00 | 54 | b4 01 f3 |
| 2016/12/05 | 10:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2016/12/05 | 10:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2016/12/05 | 10:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2016/12/05 | 10:00:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2016/12/05 | 10:01:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2016/12/05 | 10:02:56.0 | XRT_QT_PROG_SET_449_OG [0x1c1] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2016/12/05 | 10:02:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0b | |
| 2016/12/05 | | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 07 | |

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|------------|------------|-----------------------------------|---|-------|----------------|--|
| 2016/12/05 | 10:13:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2016/12/05 | 10:14:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/12/05 | 15:22:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/12/05 | 15:22:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/12/05 | 15:22:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2016/12/05 | 15:25:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2016/12/05 | 15:36:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2016/12/05 | 15:37:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/12/05 | 15:41:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/12/05 | 15:41:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/12/05 | 15:41:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2016/12/05 | 15:44:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2016/12/05 | 15:45:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2016/12/05 | 15:46:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/12/05 | 16:58:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/12/05 | 16:58:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/12/05 | 16:58:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2016/12/05 | 17:01:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2016/12/05 | 17:22:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2016/12/05 | 17:23:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/12/05 | 17:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/12/05 | 17:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/12/05 | 17:59:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2016/12/05 | 18:00:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | |
| 2016/12/05 | 18:00:18.0 | XRT_FLD_DIS_406_OG [0x196] | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2016/12/05 | 18:02:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2016/12/05 | 18:02:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2016/12/05 | 18:02:58.0 | XRT_QT_PROG_SET_417_OG [0x1a1] | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0e | |
| 2016/12/05 | 18:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/12/05 | 18:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/12/05 | 18:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/12/05 | 18:09:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2016/12/05 | 18:10:00.0 | AOCS_ORe-point_Start_7_OG [0x09d] | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 f5 61 ad 38 | |
| 2016/12/05 | 18:10:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2016/12/05 | 18:10:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2016/12/05 | 18:10:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2016/12/05 | 18:10:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2016/12/05 | 18:10:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/12/05 | 18:12:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 01 | |
| 2016/12/05 | 18:12:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 07 | |
| 2016/12/05 | 18:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/12/05 | 18:35:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/12/05 | 18:35:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2016/12/05 | 18:35:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2016/12/05 | 18:38:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2016/12/05 | 18:59:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2016/12/05 | 19:00:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2016/12/05 | 20:12:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2016/12/05 | 20:12:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |

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| | | | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2016/12/05 | 20:12:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/05 | 20:15:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/05 | 20:36:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/12/05 | 20:37:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/05 | 21:49:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/05 | 21:49:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/05 | 21:49:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/05 | 21:52:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/05 | 22:12:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/12/05 | 22:13:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/05 | 23:27:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/05 | 23:27:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/05 | 23:27:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/05 | 23:30:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/05 | 23:42:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/12/05 | 23:43:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/06 | 00:58:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/06 | 00:58:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/06 | 00:58:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/06 | 01:01:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/06 | 01:04:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/06 | 01:04:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/06 | 01:04:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/06 | 01:07:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/06 | 01:10:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/12/06 | 01:11:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/06 | 02:26:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/06 | 02:26:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/06 | 02:26:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/06 | 02:29:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/06 | 02:46:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/12/06 | 02:47:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/06 | 03:54:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/06 | 03:54:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/06 | 03:54:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/06 | 03:57:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/06 | 04:24:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/12/06 | 04:25:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/06 | 05:34:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/06 | 05:34:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/06 | 05:34:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/06 | 05:37:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/06 | 06:01:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/12/06 | 06:02:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/06 | 06:10:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/06 | 06:10:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/06 | 06:10:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2016/12/06 | 06:11:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2016/12/06 | 06:11:18.0 | XRT_FLD_DIS_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2016/12/06 | 06:13:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |

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|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2016/12/06 | 06:13:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2016/12/06 | 06:13:58.0 | XRT_QT_PROG_SET_417_OG [0x1a1] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0e | | | | |
| 2016/12/06 | 06:14:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/06 | 06:20:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/06 | 06:20:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/06 | 06:20:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2016/12/06 | 06:21:00.0 | AOCS_Ore-point_Start_7_OG [0x09d] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 f5 61 ad 38 | | | | |
| 2016/12/06 | 06:21:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2016/12/06 | 06:21:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2016/12/06 | 06:21:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2016/12/06 | 06:21:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2016/12/06 | 06:21:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/06 | 06:23:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 01 | | | | |
| 2016/12/06 | 06:23:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 07 | | | | |
| 2016/12/06 | 06:24:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/06 | 07:14:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/06 | 07:14:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/06 | 07:14:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/06 | 07:17:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/06 | 07:38:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/12/06 | 07:39:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/06 | 08:54:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/06 | 08:54:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2016/12/06 | 08:54:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2016/12/06 | 08:57:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2016/12/06 | 09:14:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2016/12/06 | 09:15:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2016/12/06 | 10:34:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/06 | 10:34:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2016/12/06 | 10:35:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |