

XRT Timeline to be uploaded on 2017/05/06

Period: 2017/05/06 10:08:00 - 2017/05/11 09:48:00

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Normal mode

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XOB #1B49: AR Standard-A(Filter-Ratio with Al/poly and thin-Be) with PFB, 384x384 at 1064 1048, thin-Be, thick-Al, Al/Poly context, with G-band (3ms/3ms)

| Term | Pointing (x, y) | Comment |
|---------------------------------|--|-------------------------------------|
| 05/06 10:21:00 - 05/06 17:44:54 | Track (-340.1, 238.3) <small>Ⓜ 05/06 10:18:00</small> | # OP start + 10min, AR12655 |
| 05/06 18:02:00 - 05/07 05:59:54 | Track (-274.6, 239.3) <small>Ⓜ 05/06 17:59:00</small> | AR12655 |
| 05/07 06:13:00 - 05/07 06:58:30 | Track (-167.8, 240.0) <small>Ⓜ 05/07 06:10:00</small> | AR12655 |
| 05/07 07:36:31 - 05/07 10:54:54 | Track (-155.9, 240.1) <small>Ⓜ 05/07 07:30:00</small> | AR12655 (SST and IRIS coordination) |
| 05/07 17:43:00 - 05/07 17:58:54 | Track (-70.8, 240.0) <small>Ⓜ 05/07 17:00:00</small> | AR12655 |
| 05/07 23:03:00 - 05/08 05:27:24 | Track (-16.6, 239.7) <small>Ⓜ 05/07 23:00:00</small> | AR12655 |
| 05/08 05:40:30 - 05/08 09:59:54 | Track (43.2, 239.2) <small>Ⓜ 05/08 05:37:30</small> | AR12655 |
| 05/09 03:53:00 - 05/09 06:01:24 | Track (238.0, 235.8) <small>Ⓜ 05/09 03:30:00</small> | AR12655 |
| 05/09 06:14:30 - 05/09 09:51:00 | Track (261.4, 235.2) <small>Ⓜ 05/09 06:11:30</small> | AR12655 |

PROG= 18 Inf.-time(s)

| Subr= 1 | 1-time(s) | 2.0sec | | | | | | | | | | | |
|-----------------|----------------|--------|------|-------|-------|-----|-----|--------------------|--------------|-------|------------|----------|--------|
| Seqn= 56 | | | | | | | | | | | | | |
| 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 |
| Seqn= 42 | | | | | | | | | | | | | |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 | (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 5.66s | Obs | 1x1 | 512x512 | (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| Open/thick-Al | Open/thick-Al | close | Safe | Norm | 16.0s | Obs | 1x1 | 384x384 | (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| Seqn= 28 | | | | | | | | | | | | | |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 | (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 | (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 | (1064, 1048) | Q=95 | 3 | 1 | 2.0sec |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 | (1064, 1048) | Q=95 | 3 | 1 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 | (1064, 1048) | Q=95 | 3 | 2 | 2.0sec |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 | (1064, 1048) | Q=95 | 3 | 2 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | | Comp. | AEC Buffer | Interval | |

XOB #1B64: Synoptic Q95 2x2 - Al/mesh(64/512/2048) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(45/512/4096) + TI

| Term | Pointing (x, y) | Comment |
|---------------------------------|-------------------|-----------------------------|
| 05/06 17:48:00 - 05/06 17:50:24 | Fixed (0.0, 0.0) | synoptic, shifted manually |
| 05/07 06:03:00 - 05/07 06:09:54 | Fixed (0.0, 0.0) | synoptic |
| 05/07 18:02:00 - 05/07 18:08:54 | Fixed (0.0, 0.0) | synoptic, shifted -1.0 min |
| 05/08 05:30:30 - 05/08 05:37:24 | Fixed (0.0, 0.0) | synoptic, shifted -32.5 min |
| 05/08 17:03:00 - 05/08 17:09:54 | Fixed (0.0, 0.0) | synoptic, shifted manually |
| 05/09 06:04:30 - 05/09 06:11:24 | Fixed (0.0, 0.0) | synoptic, shifted 1.5 min |

PROG= 11 1-time(s)

| Subr= 1 | 1-time(s) | 2.0sec | | | | | | | | | | | |
|-----------------|------------------|--------|------|-------|-------|-----|-----|--------------------|--------------|-------|------------|----------|--------|
| Seqn= 5 | | | | | | | | | | | | | |
| Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 4x4 | 2048x2048 | (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 8x8 | 2048x2048 | (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 1x1 | 2048x512 | (1024, 1024) | DPCM | 0 | 0 | 2.0sec |
| Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 1x1 | 512x2048 | (1024, 1024) | DPCM | 0 | 0 | 2.0sec |
| Seqn= 27 | | | | | | | | | | | | | |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 63ms | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 500ms | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 2.00s | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 99 | | | | | | | | | | | | | |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 44ms | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 500ms | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Al-poly/Open | Al-poly/thick-Al | close | Safe | Norm | 4.00s | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 85 | | | | | | | | | | | | | |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 354ms | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 2.83s | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 16.0s | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 54 | | | | | | | | | | | | | |
| 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 #1B81: Synoptic Q95 2x2 for Dither pointings - Al/mesh(64/512/2048) + Al-poly(45/512/4096) + Thin_Be(362/3897/16384ms)

| Term | Pointing (x, y) | Comment |
|---------------------------------|----------------------|--------------------------------|
| 05/06 17:53:30 - 05/06 17:54:54 | Fixed (-35.0, 35.0) | XRT special synoptic obs (1/2) |
| 05/06 17:58:00 - 05/06 17:58:54 | Fixed (35.0, -35.0) | XRT special synoptic obs (2/2) |

PROG= 17 1-time(s)

| Subr= 1 | 1-time(s) | 2.0sec | | | | | | | | | | | |
|-----------------|--------------|--------|------|------|-------|-----|-----|-----------|--------------|------|---|---|--------|
| Seqn= 27 | | | | | | | | | | | | | |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 63ms | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 500ms | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |

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

XOB #1AAC: HOP81/206 2-filter - Al/poly 6s, Al/mesh 4s 60s cadence, G-band - 384x384 3ms

| Term | Pointing (x, y) | Comment |
|-----------------------------------|------------------------|--|
| 05/07 10:58:00 - 05/07 16:59:54 | Fixed (-22.0, 867.0) | HOP81 at N-pole |
| 05/08 10:03:00 - 05/08 16:59:54 | Fixed (-22.0, -953.0) | HOP81 at S-pole |
| PROG= 15 Inf.-time(s) | | |
| Subr= 1 1-time(s) 2.0sec | | |
| 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 |
| Subr= 2 1-time(s) 2.0sec | | |
| 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 |
| Subr= 3 30-time(s) 2.0sec | | |
| Seqn= 57 1-time(s) 60.0sec | | |
| Open/Al-mesh | Open/Al-mesh | close Safe Norm 4.00s Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec |
| Al-poly/Open | Al-poly/Open | close Safe Norm 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 |

XOB #1AEC: G-Band Alignment with North Pole Q90 2x2 (G-band and VLS=CLS) - 1msec (Al/poly) - 4096msec - 5min cadence - Partial Sun-wNGT

| Term | Pointing (x, y) | Comment |
|------------------------------------|---------------------|--|
| 05/07 18:24:00 - 05/07 20:29:54 | Fixed (0.0, 930.0) | Co-alignment N-pole |
| PROG= 20 1-time(s) | | |
| Subr= 1 24-time(s) 300.0sec | | |
| Seqn= 98 1-time(s) 2.0sec | | |
| Open/G-band | Open/G-band | open Safe Norm 1ms Obs 2x2 2048x1536 (1024, 768) Q=90 0 0 2.0sec |
| Seqn= 63 1-time(s) 2.0sec | | |
| Open/G-band | Open/G-band | close Safe Norm 1ms Obs 2x2 2048x1536 (1024, 768) Q=90 0 0 2.0sec |
| Seqn= 45 1-time(s) 2.0sec | | |
| Al-poly/Open | med-Be/Open | close Safe Norm 4.00s Obs 2x2 2048x1536 (1024, 768) Q=95 0 0 2.0sec |
| Default Filter | Thicker Filter | VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval |

XOB #1AED: G-Band Alignment with East limb Q90 2x2 (G-band and VLS=CLS) - 1msec - (Al/poly) 1443msec - 8 min cadence-wNGT

| Term | Pointing (x, y) | Comment |
|------------------------------------|----------------------|--|
| 05/07 20:45:00 - 05/07 22:59:54 | Fixed (-970.0, 0.0) | Co-alignment E-limb |
| PROG= 04 1-time(s) | | |
| Subr= 1 15-time(s) 480.0sec | | |
| Seqn= 19 1-time(s) 2.0sec | | |
| Open/G-band | Open/G-band | open Safe Norm 1ms Obs 2x2 1536x2048 (1280, 1024) Q=90 0 0 2.0sec |
| Seqn= 43 1-time(s) 2.0sec | | |
| Open/G-band | Open/G-band | close Safe Norm 1ms Obs 2x2 1536x2048 (1280, 1024) Q=90 0 0 2.0sec |
| Seqn= 70 1-time(s) 2.0sec | | |
| Al-poly/Open | med-Be/Open | close Safe Norm 1.41s Obs 2x2 1536x2048 (1280, 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 #1B82: CME watch - 4x4 - AEC 1/2/3 - Al-poly - G-band (1x1,512x512,3ms) - Leak (1x1,512x512,3ms) - 90s cad (G-band/Leak first)

| Term | Pointing (x, y) | Comment |
|-----------------------------------|--|--|
| 05/08 17:13:00 - 05/08 20:53:30 | Track (-177.0, 622.0) ^{05/08 17:10:00} | HOP336 (1/2) |
| 05/08 21:31:30 - 05/09 00:10:30 | Track (128.1, 622.0) ^{05/08 21:00:00} | HOP336 (2/2) |
| 05/09 00:36:06 - 05/09 03:10:00 | Fixed (0.0, 0.0) | EIS Spectral Atlas and QS obs |
| PROG= 09 Inf.-time(s) | | |
| Subr= 1 1-time(s) 2.0sec | | |
| Seqn= 36 1-time(s) 2.0sec | | |
| Open/G-band | Open/G-band | open Safe Norm 3ms Obs 1x1 512x512 (1024, 1024) Q=90 0 0 2.0sec |
| Open/G-band | Open/G-band | close Safe Norm 3ms Obs 1x1 512x512 (1024, 1024) Q=95 0 0 2.0sec |
| Subr= 2 40-time(s) 90.0sec | | |
| Seqn= 60 1-time(s) 2.0sec | | |
| Al-poly/Open | Al-poly/Open | close Safe Norm 500ms Obs 4x4 2048x2048 (1024, 1024) DPCM 1 0 2.0sec |
| Al-poly/Open | Al-poly/Open | close Safe Norm 125ms Obs 4x4 2048x2048 (1024, 1024) Q=98 3 0 2.0sec |
| Al-poly/Open | Al-poly/Open | close Safe Norm 1.00s Obs 4x4 2048x2048 (1024, 1024) DPCM 2 0 2.0sec |
| Default Filter | Thicker Filter | VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval |

XOB #1B66: Synoptic 7 Filter w/ Al-mesh(64/512/2897), Al-poly(45/512/4096), Thin-Be(512/8192/23142) - Thick-Be(65536), Al-poly+Ti-poly(256/5795), Med-Al

| Term | Pointing (x, y) | Comment |
|---------------------------------|-------------------|-------------------------------|
| 05/09 03:13:06 - 05/09 03:20:30 | Fixed (0.0, 0.0) | EIS Spectral Atlas and QS obs |
| PROG= 12 1-time(s) | | |

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|-------------------------|------------------|-------|------|-------|-------|-----|-----|------------------------|-------|------------|----------|--------|
| Subr= 1 | | | | | | | | | | | | |
| 1-time(s) 2.0sec | | | | | | | | | | | | |
| Seqn= 5 | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | |
| 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= 94 | | | | | | | | | | | | |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 8.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 22.6s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 54 | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | |
| Open/thick-Be | Open/thick-Be | close | Safe | Norm | 64.0s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Seqn= 20 | | | | | | | | | | | | |
| med-Al/Open | med-Al/Open | close | Safe | Norm | 4.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| med-Al/Open | med-Al/Open | close | Safe | Norm | 64.0s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Seqn= 40 | | | | | | | | | | | | |
| Al-poly/Ti-poly | Al-poly/thick-Al | close | Safe | Norm | 250ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Al-poly/Ti-poly | Al-poly/thick-Al | close | Safe | Norm | 5.66s | 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 | |

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Flare mode

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

| Term | Pointing (x, y) | Comment |
|---------------------------------|---|-------------------------------------|
| 05/06 10:21:00 - 05/06 17:44:54 | Track (-340.1, 238.3) @ 05/06 10:18:00 | # OP start + 10min, AR12655 |
| 05/06 18:02:00 - 05/07 05:59:54 | Track (-274.6, 239.3) @ 05/06 17:59:00 | AR12655 |
| 05/07 06:13:00 - 05/07 06:58:30 | Track (-167.8, 240.0) @ 05/07 06:10:00 | AR12655 |
| 05/07 07:36:31 - 05/07 10:54:54 | Track (-155.9, 240.1) @ 05/07 07:30:00 | AR12655 (SST and IRIS coordination) |
| 05/07 10:58:00 - 05/07 16:59:54 | Fixed (-22.0, 867.0) | HOP81 at N-pole |
| 05/07 17:43:00 - 05/07 17:58:54 | Track (-70.8, 240.0) @ 05/07 17:00:00 | AR12655 |
| 05/07 23:03:00 - 05/08 05:27:24 | Track (-16.6, 239.7) @ 05/07 23:00:00 | AR12655 |
| 05/08 05:40:30 - 05/08 09:59:54 | Track (43.2, 239.2) @ 05/08 05:37:30 | AR12655 |
| 05/08 10:03:00 - 05/08 16:59:54 | Fixed (-22.0, -953.0) | HOP81 at S-pole |
| 05/08 17:13:00 - 05/08 20:53:30 | Track (-177.0, 622.0) @ 05/08 17:10:00 | HOP336 (1/2) |
| 05/08 21:31:30 - 05/09 00:10:30 | Track (128.1, 622.0) @ 05/08 21:00:00 | HOP336 (2/2) |
| 05/09 00:36:06 - 05/09 03:10:00 | Fixed (0.0, 0.0) | EIS Spectral Atlas and QS obs |
| 05/09 03:53:00 - 05/09 06:01:24 | Track (238.0, 235.8) @ 05/09 03:30:00 | AR12655 |
| 05/09 06:14:30 - 05/09 09:51:00 | Track (261.4, 235.2) @ 05/09 06:11:30 | AR12655 |

PROG= 07 30-time(s)

| | | | | | | | | | | | | |
|--------------------------|------------------|-------|------|-------|-------|-----|-----|----------------------|-------|------------|----------|--------|
| Subr= 1 | | | | | | | | | | | | |
| 20-time(s) 2.0sec | | | | | | | | | | | | |
| Seqn= 11 | | | | | | | | | | | | |
| Al-poly/Open | Al-poly/thick-Al | close | Safe | Norm | 125ms | Obs | 2x2 | 512x512 (1024, 1024) | Q=95 | 2 | 0 | 2.0sec |
| Seqn=100 | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | |
| Al-poly/Open | Al-poly/thick-Al | close | Safe | Norm | 125ms | Obs | 2x2 | 512x512 (1024, 1024) | Q=95 | 2 | 0 | 2.0sec |
| Seqn= 84 | | | | | | | | | | | | |
| 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

* * * * *

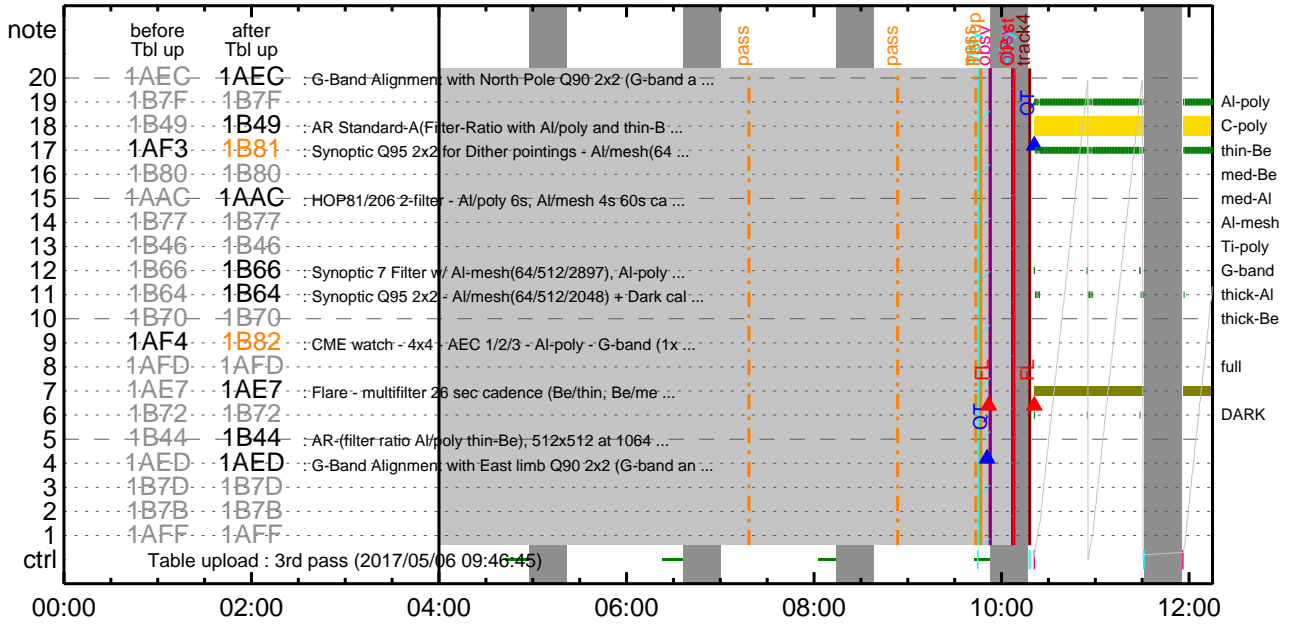
Flare Detection

* * * * *

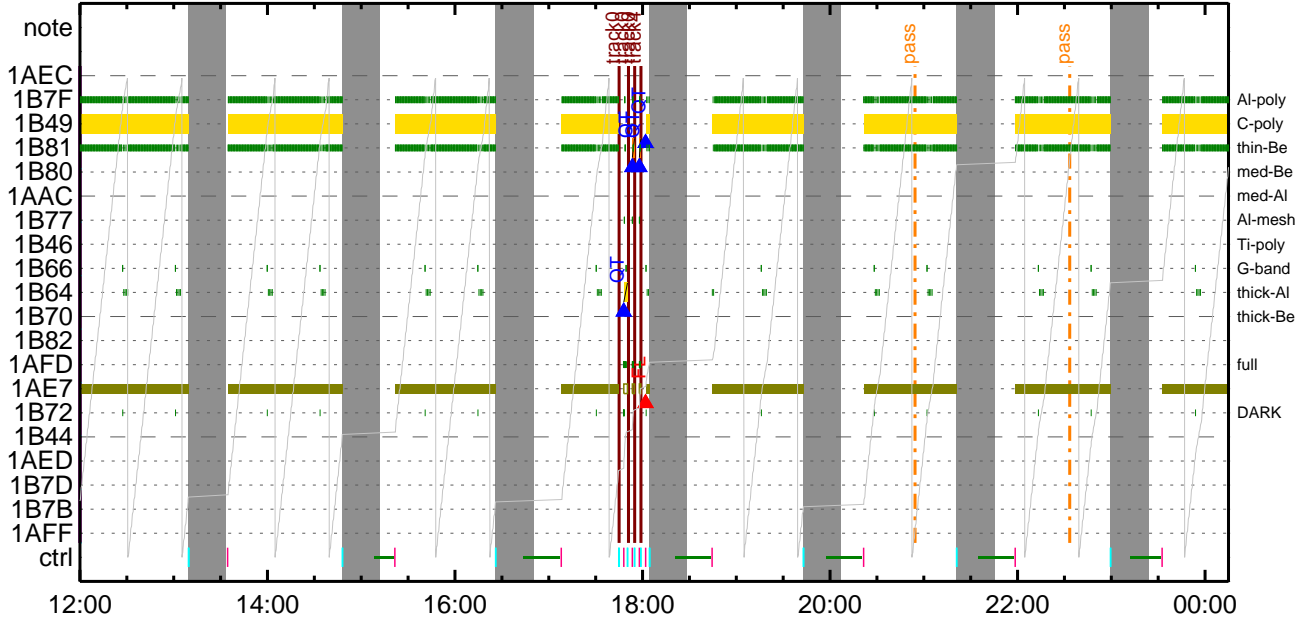
FLD Patrol

| Term | Pointing (x, y) | Comment |
|---------------------------------|--|--|
| 05/06 17:59:18 - 05/07 06:00:18 | Track (-274.6, 239.3) @ 05/06 17:59:00 | AR12655 |
| 05/07 06:10:18 - 05/07 17:59:18 | Track (-167.8, 240.0) @ 05/07 06:10:00 | AR12655 |
| 05/07 23:00:18 - 05/08 05:27:48 | Track (-16.6, 239.7) @ 05/07 23:00:00 | AR12655 |
| 05/08 05:37:48 - 05/08 17:00:18 | Track (43.2, 239.2) @ 05/08 05:37:30 | AR12655 |
| 05/08 17:10:18 - 05/09 03:10:24 | Track (-177.0, 622.0) @ 05/08 17:10:00 | HOP336 (1/2) |
| 05/09 03:30:18 - 05/09 06:01:48 | Track (238.0, 235.8) @ 05/09 03:30:00 | AR12655 |
| 05/09 06:11:48 - 05/11 09:48:00 | Track (261.4, 235.2) @ 05/09 06:11:30 | AR12655 |
| 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 |

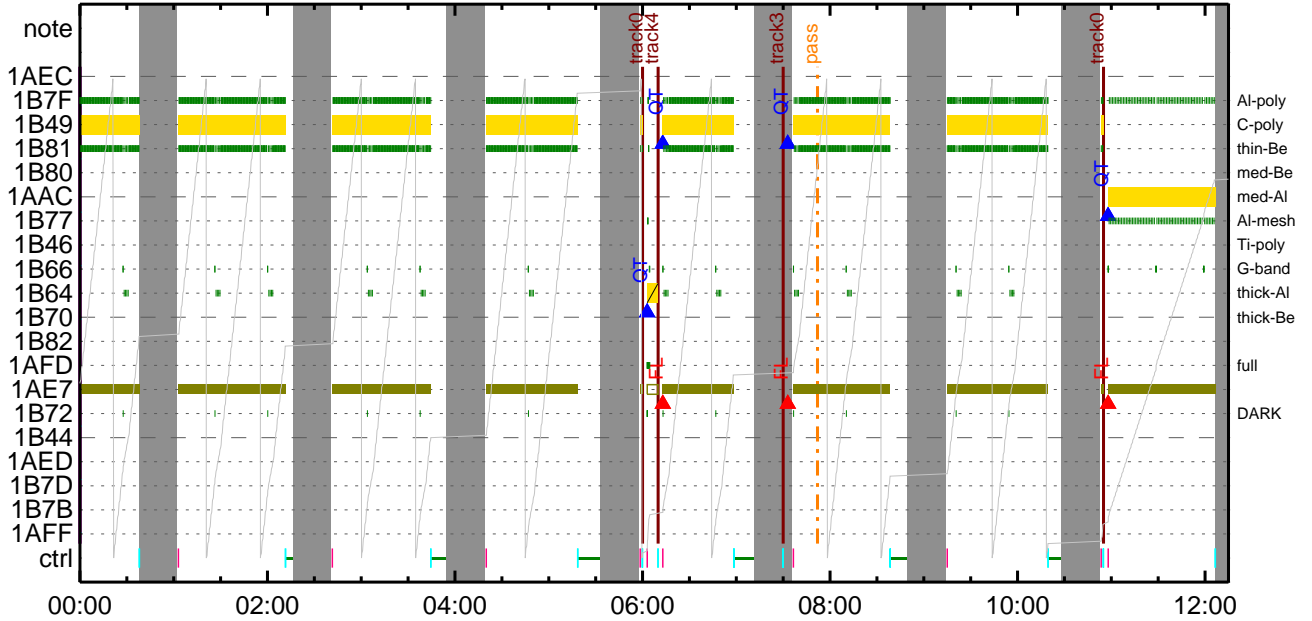
CMDI #0729 2017/05/06



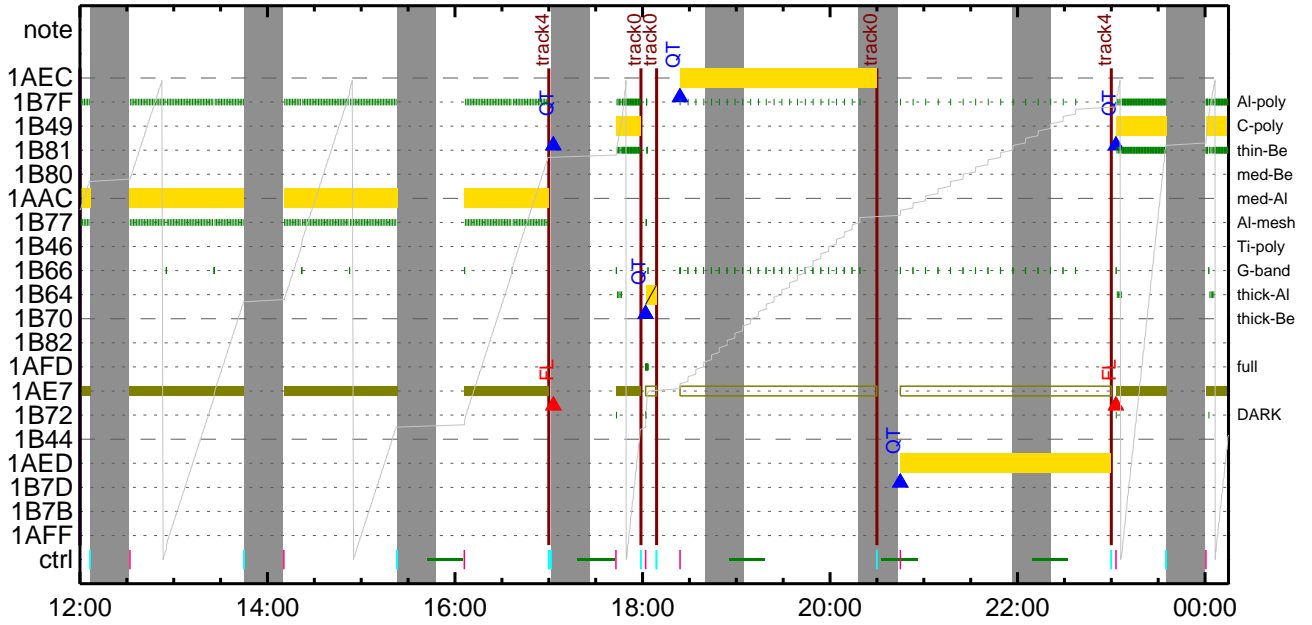
CMDI #0729 2017/05/06



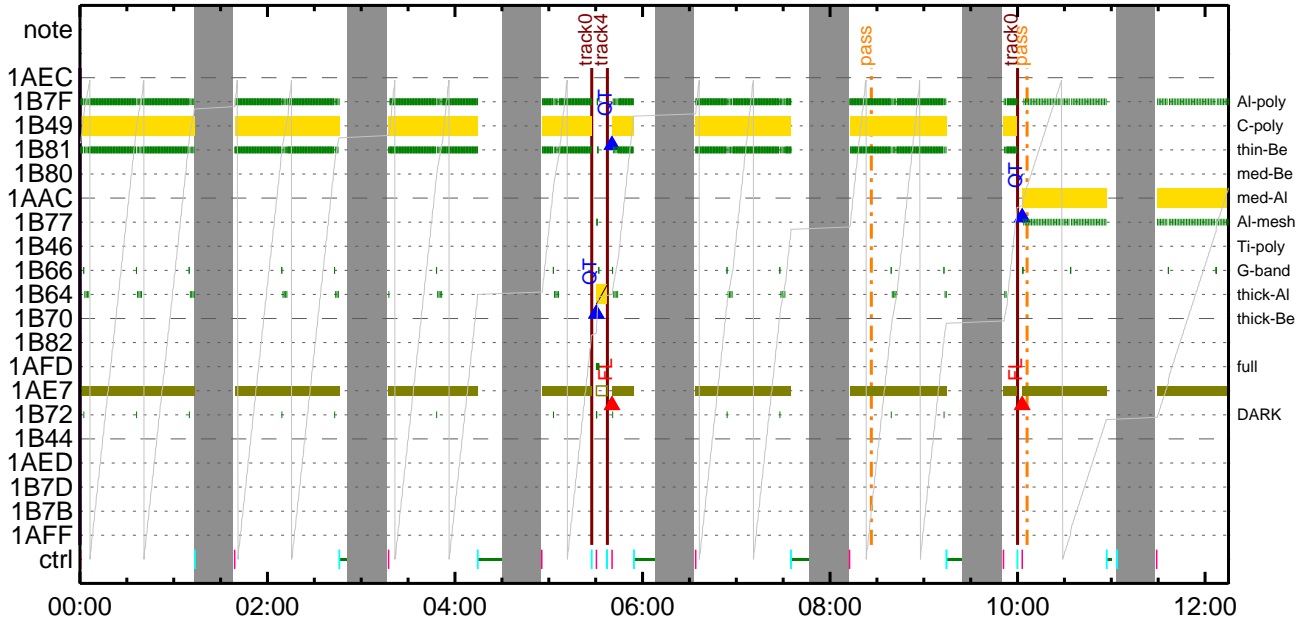
CMDI #0729 2017/05/07



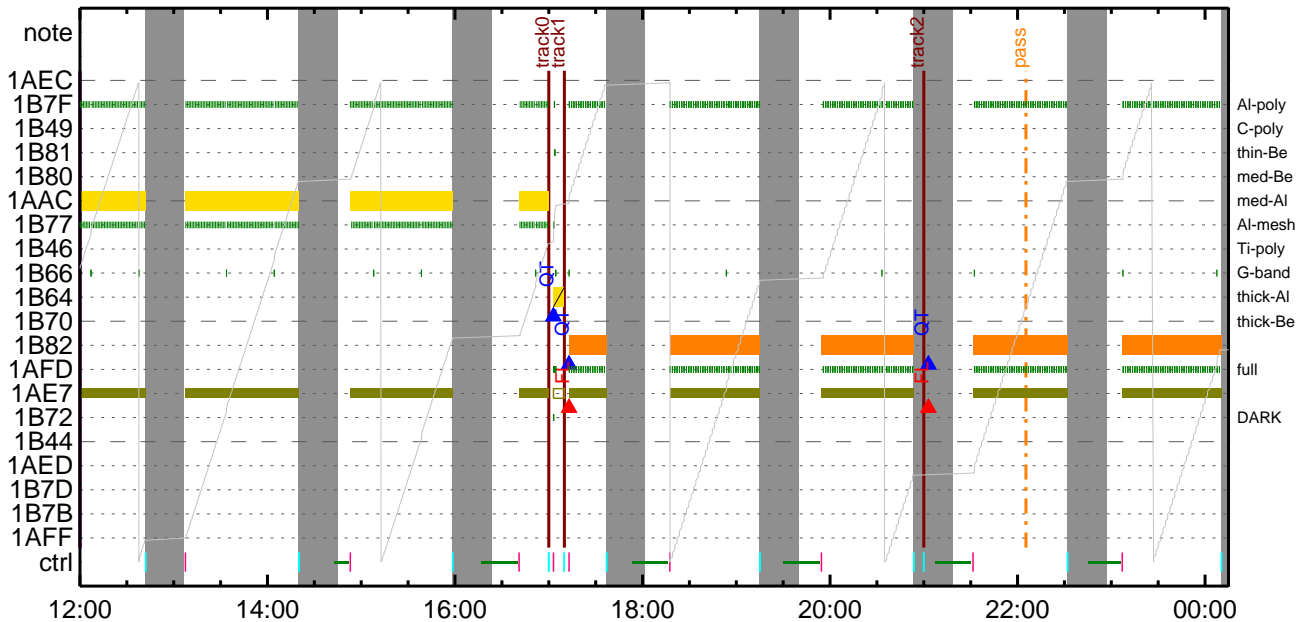
CMDI #0729 2017/05/07



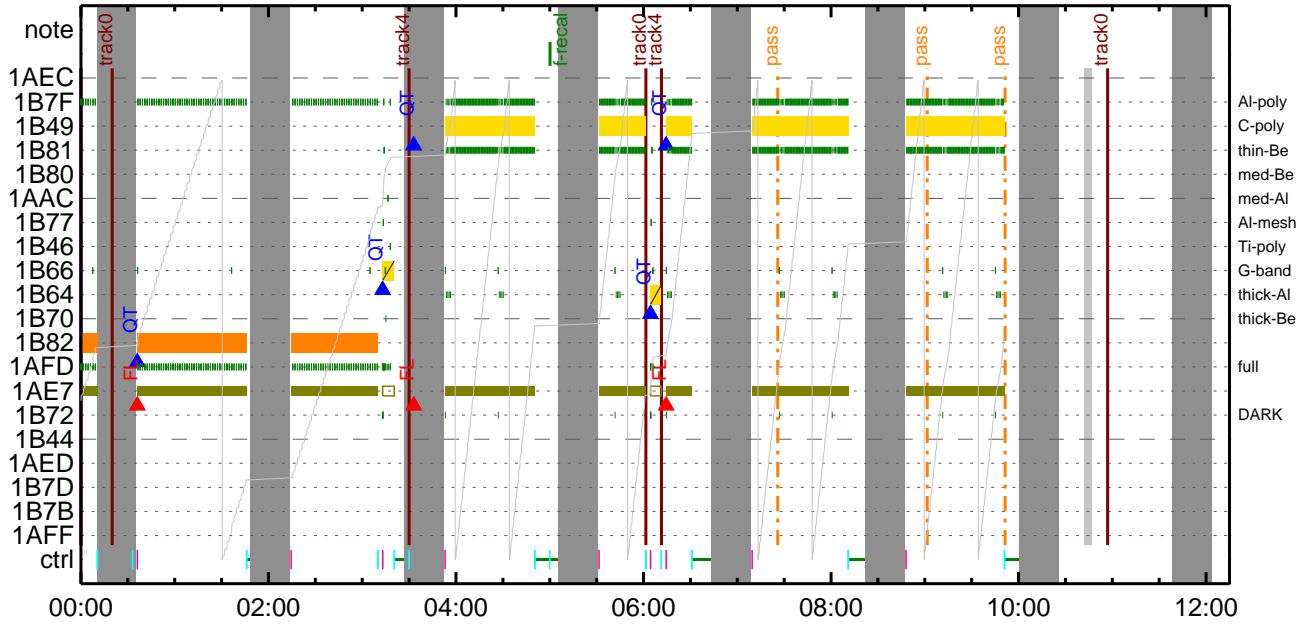
CMDI #0729 2017/05/08



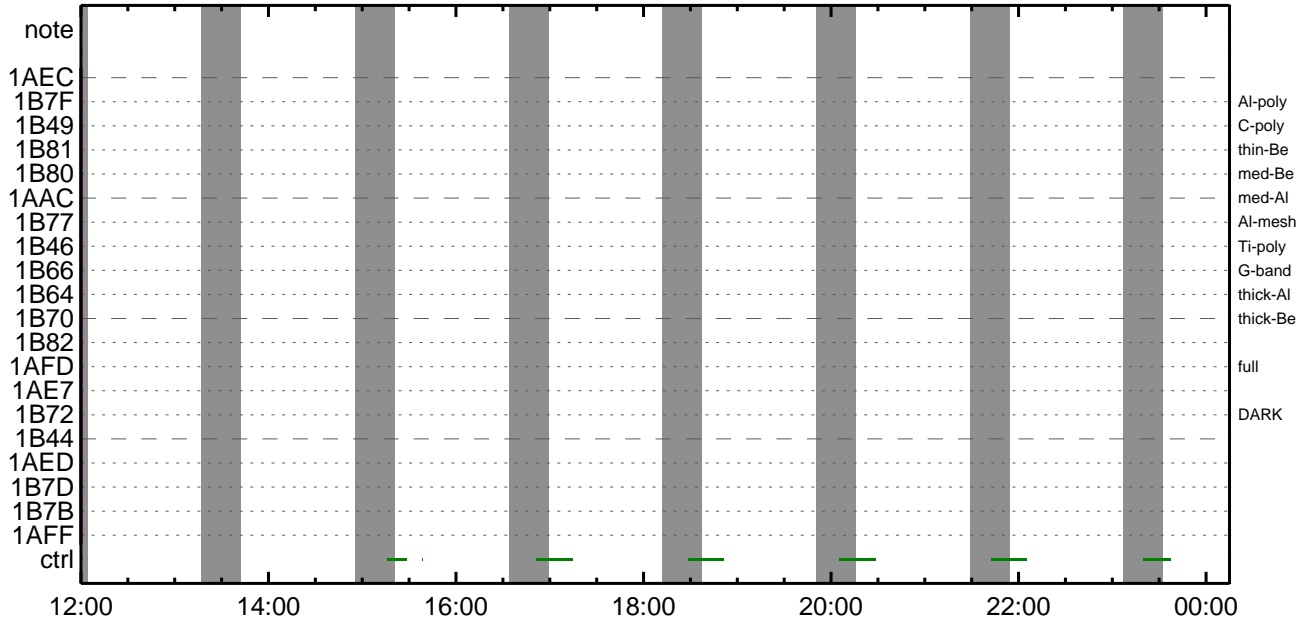
CMDI #0729 2017/05/08



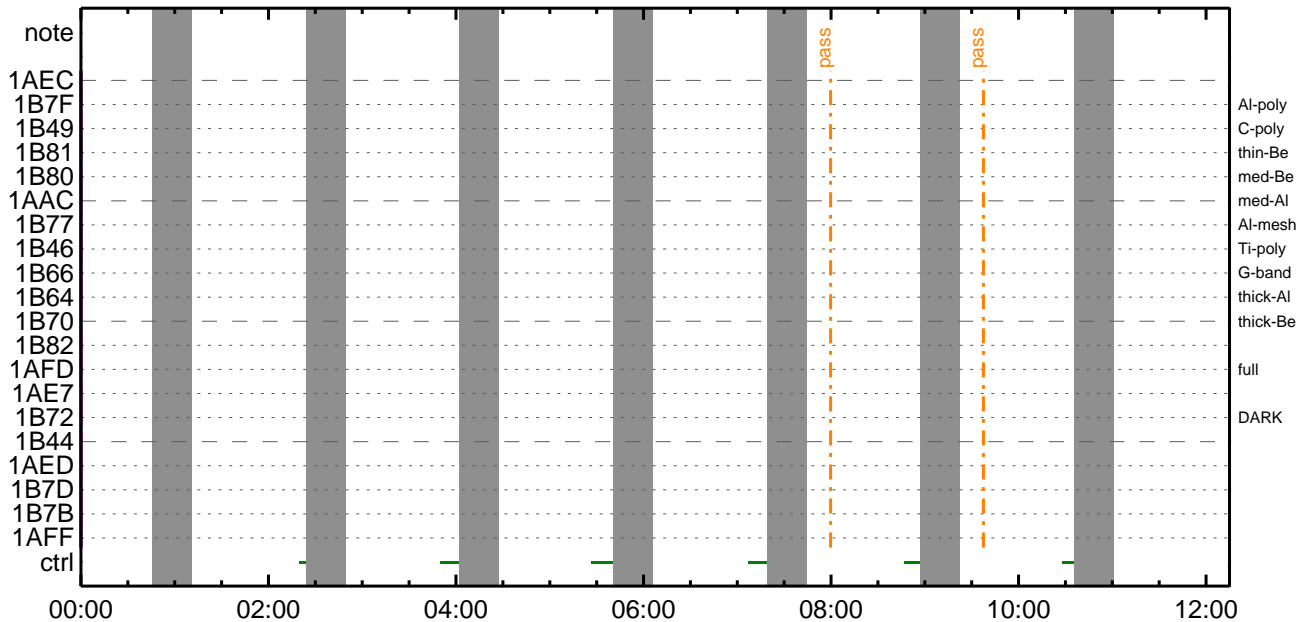
CMDI #0729 2017/05/09



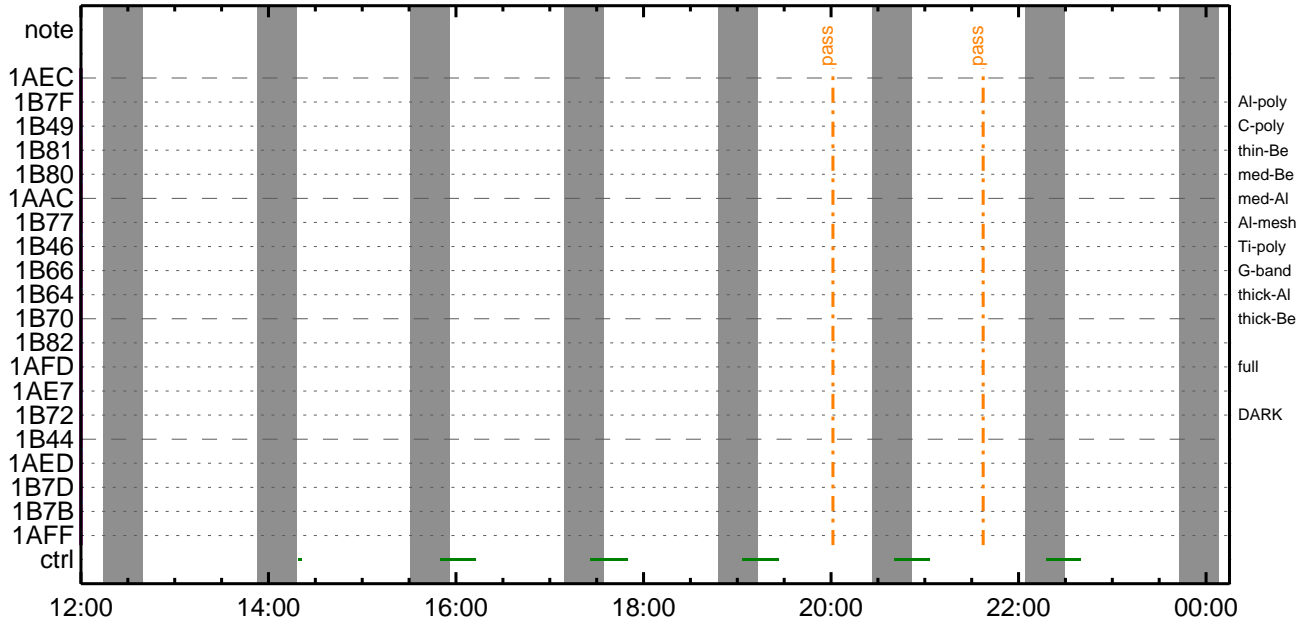
CMDI #0729 2017/05/09



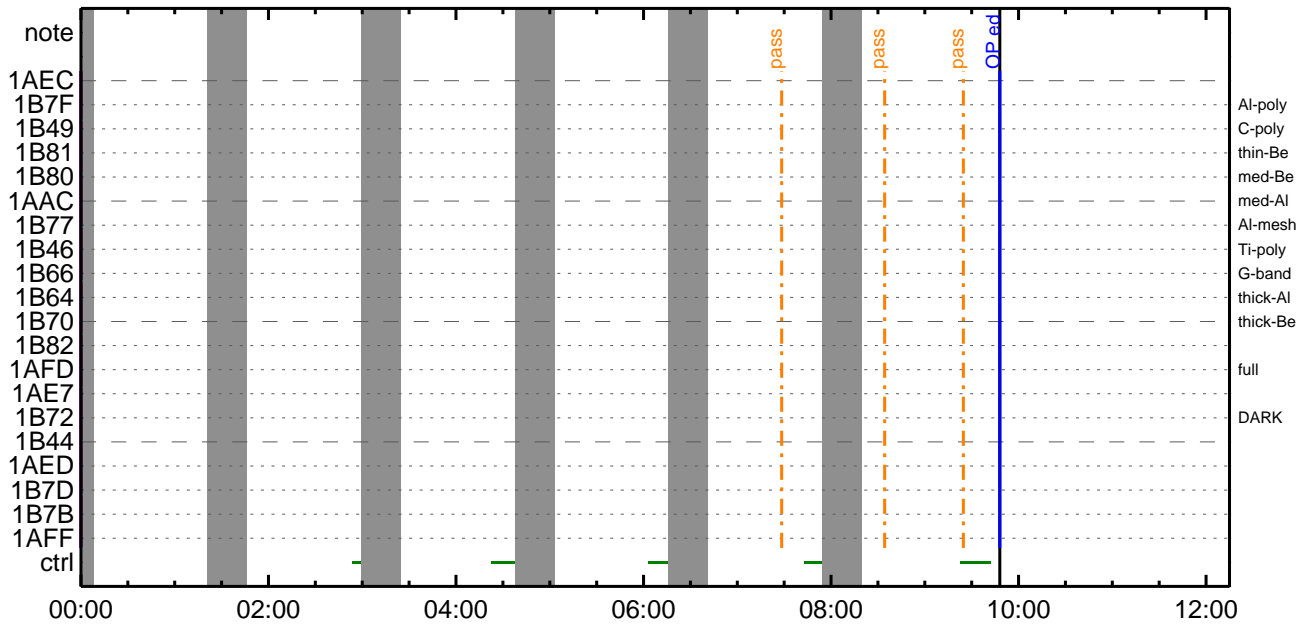
CMDI #0729 2017/05/10



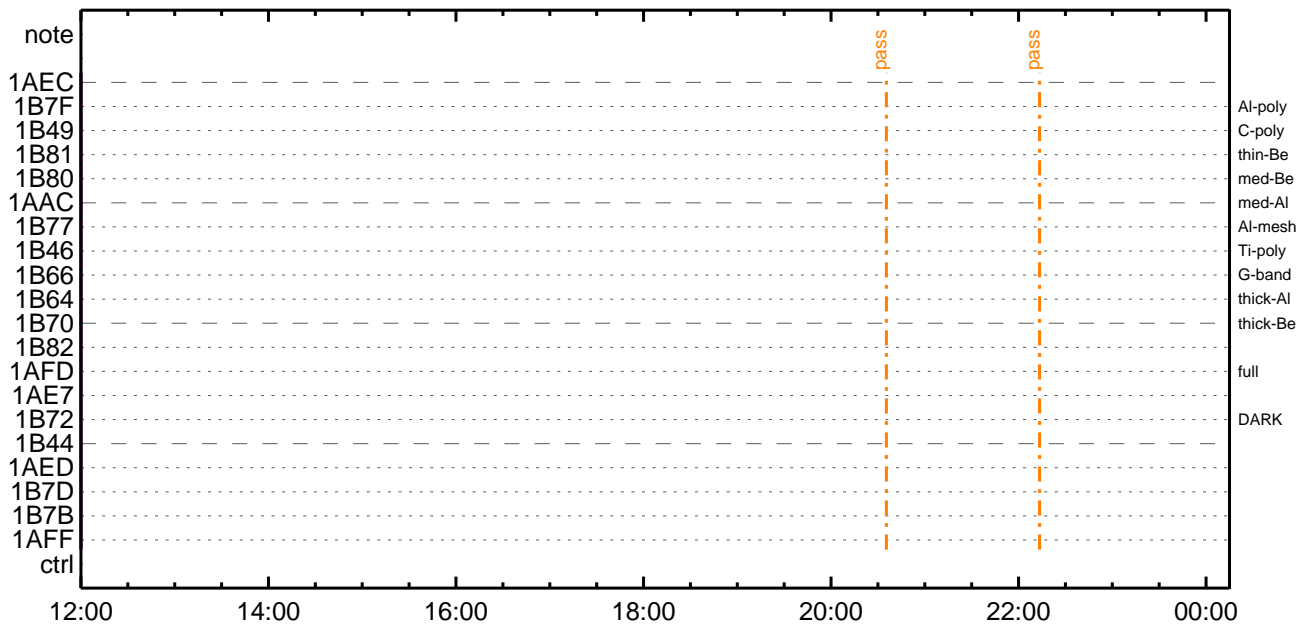
CMDI #0729 2017/05/10



CMDI #0729 2017/05/11



CMDI #0729 2017/05/11




```

0194 C.
0195 +. TI 2017-05-06 10:07:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.           φφ[HK1_TI_CMD_NUM]               EQ      1COUNTUP
0198 C.
0199 C. °Ê²¼□ïÄê%ííñ□îŷÅŷ§ŷÄŷ¹âiÛ
0200 C.           φφ[HK1_TI_CMD_ENA/DIS]             EQ      ENA
0201 C.           φφ[HK1_TI_CMD_NUM]                 EQ      4
0202 C.           φφ[HK1_NEXT_EXEC_PIM]               EQ      DHU
0203 C.           φφ[HK1_NEXT_EXEC_DC]                EQ      0xB3
0204 C.
0205 C. *****
0206 C. TIîî°èŷÄŷÖŷ×
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.           φφ[HK1_DMP_TOP_ADRS_1]             EQ      07
0213 C.           φφ[HK1_DMP_TOP_ADRS_0]             EQ      2B
0214 C.           φφ[HK1_DMP_BLOCK_NUM]               EQ      3
0215 C.           φφ[HK1_DMP_REPEAT_NUM]             EQ      0
0216 C.           φφ[HK1_DMA_DMP_PIM]                EQ      DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC      (07 0b f8)
0219 C.           φφ[HK1_PKT_FORM_NO]                 EQ      7
0220 C.           φφ[HK1_PKT_GEN_TIME]                 EQ      0.25 s
0221 C.           φφ[HK1_S_TLM_BIT_RATE]              EQ      32k
0222 C.           φφ[HK1_X_TLM_BIT_RATE]              EQ      4M
0223 C.           φφ[HK1_DMP_CHK_FLG]                 EQ      EXEC
0224 C.
0225 C. ŷÄŷÖŷ×½ªî»□ð³îÇ§
0226 C.           φφ[HK1_DMP_CHK_FLG]                 EQ      NON
0227 C.
0228 C. RAM ID=TI_TBL□îî¼È¹ç•è²îOK□ð³îÇ§
0229 C.
0230 C. DHUŷâ;¼ŷÊ;Ê¼ŷ½.ŷì;¼ŷÊ;Ê□ðîâ□¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC      (02 0a f8)
0233 C.           φφ[HK1_PKT_FORM_NO]                 EQ      2
0234 C.           φφ[HK1_PKT_GEN_TIME]                 EQ      0.5S
0235 C.           φφ[HK1_S_TLM_BIT_RATE]              EQ      32K
0236 C.           φφ[HK1_X_TLM_BIT_RATE]              EQ      4M
0237 C.
0238 C. *****
0239 C. SOT TI command set
0240 C. *****
0241 C. Execute, after the success of OP upload.
0242 +. TI 2017-05-06 10:07:16.0
0243 DC 07-F0 MDP_SOT_MODE_STBY
0244 BC      (41)
0245 C. -----
0246 C.       HK1_TI_CMD_NUM      = 1 CNTUP [ ]
0247 C. -----
0248 C. ***** SOT END *****
0249 C. Stop EIS observation and temporarily disable EIS mode changes
0250 C.
0251 C.
0252 C. ***** Start EIS operation (TI set) *****
0253 C. Execute, after the success of OP upload.
0254 C. Set EIS TI-commands
0255 +. TI 2017-05-06 10:07:30.0
0256 DC 07-FC EIS_MODE_MANU
0257 BC      (21 02)
0258 +. TI 2017-05-06 10:07:40.0
0259 DC 07-FC EIS_MODE_CHG_DIS
0260 BC      (22)
0261 C.           [ ] [HK1_TI_CMD_NUM]                 EQ      2 COUNTUP
0262 C. ***** End EIS operation (TI set) *****
0263 C.
0264 C.
0265 C.
0266 C. ***** XRT START *****
0267 C. Execute, after the success of OP upload.
0268 +. TI 2017-05-06 10:07:00.0
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 `ûÃîãî»ö¼ŷ□ÈÄ□¹□èDCBC•x²è *****
0276 C. (¼á°îŷÖŷÄŷÊŷŷŷËŷáŷçŷè□È¼□□¼Ä»Û□¹□è)
0277 S. DC-BC dcbc-402:DCBC
0278 (MDP_known_event)
0279 C.
0280 C.
0281 C. ***** ŷÐŷ¹•î Daily±¿îñ□È'Ø□¹□èDCBC•x²è *****
0282 S. DC-BC dcbc-153:DCBC
0283 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0284 C.
0285 C.
0286 C. ;ãLOSŷÄŷ§ŷÄŷ¹¼Ä»Û;ä
0287 C.
0288 C. ***** LOS *****
0289 C.

```



```
0096 C.
0097 C.
0098 . C. **** AOCs Commands (Tracking Curve Upload) ****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ( )
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE STATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCs Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCSDUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 . C.
0129 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0130 +. DC 07-FC EIS_MODE_CHG_ENA
0131 BC (20)
0132 . C. Verify EIS_MODE_CHG_FLG is ENA
0133 +. DC 07-FC EIS_MODE_MANU
0134 BC (21 02)
0135 . C. Verify EIS in MANUAL mode
0136 . C. Estimated OBSTBL upload time is 55s
0137 C. *****
0138 C. EIS START OBSTBL LOAD
0139 C. *****
0140 . S. RAM ram-820:EIS_OBSTBL
0141 ( )
0142 +. DC 07-FC EIS_DUMP_OBSTBL
0143 BC (07 07 07 00 00 70 00)
0144 C.
0145 C. Execute, after the success of OBSTBL upload.
0146 C. Set EIS TI-commands
0147 +. TI 2017-05-06 10:07:50.0
0148 DC 07-FC EIS_MODE_CHG_ENA
0149 BC (20)
0150 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0151 C. *****
0152 C. EIS END OBSTBL LOAD
0153 C. *****
0154 C.
0155 . C. ***** MDP 'ôÃîâî»ò¼ŸôËÂðâ¹æDCBC·x²è *****
0156 C. (¼â°îŸÔŸÅŸËŸPŸËŸâŸçŸèæE%¼æ¼Å»Û¹æè)
0157 . S. DC-BC dcbc-402:DCBC
0158 (MDP_known_event)
0159 C.
0160 C.
0161 . C. ***** ŸDŸ¹·İ Daily±¿îŸæ'Øæ¹æDCBC·x²è *****
0162 . S. DC-BC dcbc-153:DCBC
0163 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0164 C.
0165 C.
0166 . C. ;ãLOSŸÁŸŸŸÅŸŸ-¼Å»Û;ã
0167 C.
0168 . C. ***** LOS *****
0169 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-592 2017-05-06 12:31:57 136 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;È¿¿ãÁ•µ°È»Í×ÁÇ¿ÍY¿Y×Yí;¼YÉ;ÈÈ¿µ•íÉ;ÈÈ¼°ÇÓã•¿¿¼í¹¿ãÍ;¿Á®, ù¿¹ãÈãÈã¿Á+¿®ã•¿Èãã¿ãÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. SOT table upload
0016 C. *****
0017 . C. < Stop SP table >
0018 +. DC 07-F0 MDP_SP_CTRL_MANU
0019 BC (61)
0020 C. -----
0021 C. MDP_SP_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload SP Observation Table>
0025 . S. RAM ram-284:MDP_OBS_S
0026 ( )
0027 C.
0028 . C. < Dump RAMID=MDP_OBS_S >
0029 +. DC 07-F0 MDP_DUMP_SPTBL
0030 BC (83 07 00 00 00 38 b8)
0031 C. -----
0032 C. MDP_OBS_S verify = OK/NG [ ]
0033 C. -----
0034 C.
0035 C. *****
0036 C. SOT TI command set
0037 C. *****
0038 C. Execute, after the success of TBL upload.
0039 +. TI 2017-05-06 10:07:18.0
0040 DC 07-F0 MDP_SOT_MODE_OBSV
0041 BC (40)
0042 C. -----
0043 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0044 C. -----
0045 C.
0046 C.
0047 C. ***** XRT START *****
0048 C.
0049 +. DC 07-F0 MDP_XRT_CTRL_MANU
0050 BC (c1)
0051 + DC 07-F0 MDP_XRT_MODE_STBY
0052 BC (c3)
0053 . C. ----- Success Verify ? OK / NG_____
0054 C.
0055 C. XRT Obs. Table Upload
0056 . S. RAM ram-291:MDP_OBS_X
0057 ( )
0058 C.
0059 +. DC 07-F0 MDP_DUMP_XRTTBL
0060 BC (84 07 00 00 00 3a d4)
0061 . C. ----- Comparison Check ? OK / ERR _____
0062 C.
0063 C.
0064 +. DC 07-F0 MDP_XRT_ROI_SET
0065 BC (cd 01 b1 b1 04 04)
0066 + DC 07-F0 MDP_XRT_ROI_SET
0067 BC (cd 02 b1 b1 08 08)
0068 + DC 07-F0 MDP_XRT_ROI_SET
0069 BC (cd 03 b1 b1 08 08)
0070 + DC 07-F0 MDP_XRT_ROI_SET
0071 BC (cd 04 b1 b1 06 06)
0072 + DC 07-F0 MDP_XRT_ROI_SET
0073 BC (cd 05 85 83 06 06)
0074 + DC 07-F0 MDP_XRT_ROI_SET
0075 BC (cd 06 85 83 08 08)
0076 + DC 07-F0 MDP_XRT_ROI_SET
0077 BC (cd 07 85 83 06 06)
0078 + DC 07-F0 MDP_XRT_ROI_SET
0079 BC (cd 08 80 80 20 20)
0080 + DC 07-F0 MDP_XRT_ROI_SET
0081 BC (cd 09 80 80 20 08)
0082 + DC 07-F0 MDP_XRT_ROI_SET
0083 BC (cd 0a 80 80 08 20)
0084 + DC 07-F0 MDP_XRT_ROI_SET
0085 BC (cd 0b 80 60 20 18)
0086 + DC 07-F0 MDP_XRT_ROI_SET
0087 BC (cd 0c a0 80 18 20)
0088 + DC 07-F0 MDP_XRT_ROI_SET
0089 BC (cd 0d 80 80 08 08)
0090 + DC 07-F0 MDP_XRT_ROI_SET
0091 BC (cd 0f 80 80 06 06)
0092 + DC 07-F0 MDP_XRT_ROI_SET
0093 BC (cd 10 80 80 08 08)
0094 + DC 07-F0 MDP_XRT_FLD_ENA
0095 BC (d8)
```

```
0096 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0097 BC (c8)
0098 + DC 07-F0 MDP_XRT_ARS_DIS
0099 BC (d5)
0100 + DC 07-F0 MDP_XRT_AEC_RESET
0101 BC (d0)
0102 + DC 07-F0 MDP_XRT_FLD_RESET
0103 BC (da)
0104 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0105 BC (c4 05)
0106 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0107 BC (c5 07)
0108 . C. ----- Success Verify ? OK / NG ____
0109 C.
0110 C.
0111 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0112 C.
0113 +. DC 07-F0 MDP_XRT_MODE_OBSV
0114 BC (c2)
0115 +. TI 2017-05-06 10:07:02.0
0116 DC 07-F0 MDP_XRT_MODE_OBSV
0117 BC (c2)
0118 . C. ----- Success Verify ? OK / NG ____
0119 C.
0120 C. ***** XRT END *****
0121 C.
0122 . C. ***** MDP 'úÃîñî»ö¼ÝñÊÃðñ¹ñèDCBC•x²è *****
0123 C. (%ã°îÿÓÿÄÿÈÿÞÿËÿÀÿÇÿÈñ¼ññ¼Ã»Ûñ¹ñè)
0124 . S. DC-BC dcbc-402:DCBC
0125 (MDP_known_event)
0126 C.
0127 C.
0128 . C. ***** ÿÐÿ¹•Ï Daily±¿ÎññË´Øñ¹ñèDCBC•x²è *****
0129 . S. DC-BC dcbc-153:DCBC
0130 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0131 C.
0132 C.
0133 . C. ;ãLOSÿÄÿ§ÿËÿËÿ-¼Ã»Û;ã
0134 C.
0135 . C. ***** LOS *****
0136 C.
```

*** OP Sequence for XRT ***

| | | | | | | |
|------------|------------|-----------------------------------|---|-------|----------------|--|
| 2017/05/06 | 10:17:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/06 | 10:17:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/06 | 10:17:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2017/05/06 | 10:18:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 00 00 00 00 | |
| 2017/05/06 | 10:18:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2017/05/06 | 10:18:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2017/05/06 | 10:18:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2017/05/06 | 10:18:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2017/05/06 | 10:18:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/05/06 | 10:20:56.0 | XRT_QT_PROG_SET_442_OG [0x1ba] | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 | |
| 2017/05/06 | 10:20:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 07 | |
| 2017/05/06 | 10:21:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/05/06 | 11:31:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/06 | 11:31:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/06 | 11:31:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/05/06 | 11:31:06.0 | XRT_PREFLR_STRT_414_OG [0x19e] | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/05/06 | 11:34:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/05/06 | 11:55:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2017/05/06 | 11:56:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/05/06 | 13:09:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/06 | 13:09:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/06 | 13:09:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/05/06 | 13:09:36.0 | XRT_PREFLR_STRT_414_OG [0x19e] | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/05/06 | 13:12:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/05/06 | 13:33:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2017/05/06 | 13:34:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/05/06 | 14:48:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/06 | 14:48:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/06 | 14:48:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/05/06 | 14:48:06.0 | XRT_PREFLR_STRT_414_OG [0x19e] | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/05/06 | 14:51:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/05/06 | 15:20:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2017/05/06 | 15:21:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/05/06 | 16:26:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/06 | 16:26:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/06 | 16:26:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/05/06 | 16:26:06.0 | XRT_PREFLR_STRT_414_OG [0x19e] | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/05/06 | 16:29:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/05/06 | 17:07:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2017/05/06 | 17:08:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/05/06 | 17:44:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/06 | 17:44:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/06 | 17:44:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2017/05/06 | 17:45:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | |
| 2017/05/06 | 17:45:18.0 | XRT_FLD_DIS_406_OG [0x196] | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2017/05/06 | 17:47:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2017/05/06 | 17:47:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2017/05/06 | 17:47:58.0 | XRT_QT_PROG_SET_449_OG [0x1c1] | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|-------------|----|
| 2017/05/06 | 17:48:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0b |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/05/06 | 17:50:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/06 | 17:50:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/06 | 17:50:28.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa | 00 |
| 2017/05/06 | 17:50:48.0 | XRT_FLD_DIS_406_OG [0x196] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2017/05/06 | 17:51:00.0 | AOCs_OrE-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 00 fc e6 03 | 1a |
| 2017/05/06 | 17:53:24.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2017/05/06 | 17:53:26.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2017/05/06 | 17:53:28.0 | XRT_QT_PROG_SET_438_OG [0x1b6] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 11 |
| 2017/05/06 | 17:53:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/05/06 | 17:54:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/06 | 17:54:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/06 | 17:54:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa | 00 |
| 2017/05/06 | 17:55:00.0 | AOCs_OrE-point_Start_4_OG [0x09a] | AOCU_NM | 5 | 02-76 | 00 03 1a fc | e6 |
| 2017/05/06 | 17:55:18.0 | XRT_FLD_DIS_406_OG [0x196] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2017/05/06 | 17:57:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2017/05/06 | 17:57:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2017/05/06 | 17:57:58.0 | XRT_QT_PROG_SET_438_OG [0x1b6] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 11 |
| 2017/05/06 | 17:58:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/05/06 | 17:58:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/06 | 17:58:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/06 | 17:58:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 | 00 |
| 2017/05/06 | 17:59:00.0 | AOCs_OrE-point_Start_1_OG [0x097] | AOCU_NM | 5 | 02-76 | 04 00 00 00 | 00 |
| 2017/05/06 | 17:59:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2017/05/06 | 17:59:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2017/05/06 | 17:59:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2017/05/06 | 17:59:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2017/05/06 | 17:59:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/05/06 | 18:01:56.0 | XRT_QT_PROG_SET_442_OG [0x1ba] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 12 |
| 2017/05/06 | 18:01:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 07 |
| 2017/05/06 | 18:02:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/05/06 | 18:04:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/06 | 18:04:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/06 | 18:04:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/05/06 | 18:04:36.0 | XRT_PREFLR_STRT_414_OG [0x19e] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/05/06 | 18:07:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/05/06 | 18:43:31.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/05/06 | 18:44:31.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/05/06 | 19:43:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/06 | 19:43:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/06 | 19:43:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/05/06 | 19:43:06.0 | XRT_PREFLR_STRT_414_OG [0x19e] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/05/06 | 19:46:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/05/06 | 20:20:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/05/06 | 20:21:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/05/06 | 21:21:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/06 | 21:21:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |

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|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2017/05/06 | 21:21:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/06 | 21:21:06.0 | XRT_PREFLR_STRT_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/05/06 | 21:24:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/05/06 | 21:57:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2017/05/06 | 21:58:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/06 | 22:59:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/06 | 22:59:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/06 | 22:59:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/06 | 22:59:36.0 | XRT_PREFLR_STRT_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/05/06 | 23:02:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/05/06 | 23:31:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2017/05/06 | 23:32:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/07 | 00:38:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 00:38:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 00:38:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/07 | 00:38:06.0 | XRT_PREFLR_STRT_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/05/07 | 00:41:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/05/07 | 01:02:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2017/05/07 | 01:03:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/07 | 02:11:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 02:11:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 02:11:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/07 | 02:11:36.0 | XRT_PREFLR_STRT_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/05/07 | 02:14:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/05/07 | 02:40:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2017/05/07 | 02:41:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/07 | 03:44:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 03:44:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 03:44:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/07 | 03:44:36.0 | XRT_PREFLR_STRT_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/05/07 | 03:47:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/05/07 | 04:19:01.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2017/05/07 | 04:20:01.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/07 | 05:18:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 05:18:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 05:18:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/07 | 05:18:36.0 | XRT_PREFLR_STRT_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/05/07 | 05:21:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/05/07 | 05:57:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2017/05/07 | 05:58:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/07 | 05:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 05:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 05:59:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2017/05/07 | 06:00:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2017/05/07 | 06:00:18.0 | XRT_FLD_DIS_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2017/05/07 | 06:02:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2017/05/07 | 06:02:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2017/05/07 | 06:02:58.0 | XRT_QT_PROG_SET_449_OG [0x1c1] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0b | | | | |
| 2017/05/07 | 06:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/07 | 06:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----|----|----|----|----|
| 2017/05/07 | 06:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 06:09:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 06:10:00.0 | AOCs_OrE-point_Start_1_OG [0x097] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2017/05/07 | 06:10:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 04 | 00 | 00 | 00 | 00 |
| 2017/05/07 | 06:10:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2017/05/07 | 06:10:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2017/05/07 | 06:10:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2017/05/07 | 06:10:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2017/05/07 | 06:12:56.0 | XRT_QT_PROG_SET_442_OG [0x1ba] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/07 | 06:12:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 12 | | | |
| 2017/05/07 | 06:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 07 | | | |
| 2017/05/07 | 06:58:30.5 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/07 | 06:58:32.5 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 06:58:34.5 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 06:58:36.5 | XRT_PREFLR_STRT_414_OG [0x19e] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/07 | 07:01:44.5 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/05/07 | 07:29:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/05/07 | 07:29:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 07:29:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 07:30:00.0 | AOCs_OrE-point_Start_5_OG [0x09b] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2017/05/07 | 07:30:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 03 | 00 | 00 | 00 | 00 |
| 2017/05/07 | 07:30:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2017/05/07 | 07:30:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2017/05/07 | 07:30:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2017/05/07 | 07:30:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2017/05/07 | 07:32:56.0 | XRT_QT_PROG_SET_442_OG [0x1ba] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/07 | 07:32:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 12 | | | |
| 2017/05/07 | 07:35:31.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 07 | | | |
| 2017/05/07 | 07:36:31.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/07 | 08:38:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 08:38:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 08:38:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 08:38:36.0 | XRT_PREFLR_STRT_414_OG [0x19e] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/07 | 08:41:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/05/07 | 09:14:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/05/07 | 09:15:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/07 | 10:19:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/07 | 10:19:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 10:19:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 10:19:36.0 | XRT_PREFLR_STRT_414_OG [0x19e] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/07 | 10:22:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/05/07 | 10:52:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/05/07 | 10:53:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/07 | 10:54:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/07 | 10:54:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 10:54:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 10:55:00.0 | AOCs_OrE-point_Start_6_OG [0x09c] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2017/05/07 | 10:55:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 00 | b2 | f2 | 01 | f3 |

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|------------|------------|-----------------------------------|---------------------|---|-------|----|-------------|--|
| 2017/05/07 | 10:55:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| | | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2017/05/07 | 10:55:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2017/05/07 | 10:55:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2017/05/07 | 10:55:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2017/05/07 | 10:57:56.0 | XRT_QT_PROG_SET_426_OG [0x1aa] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0f | |
| 2017/05/07 | 10:57:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 07 | |
| 2017/05/07 | 10:58:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2017/05/07 | 12:06:30.5 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/05/07 | 12:06:33.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/05/07 | 12:06:35.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2017/05/07 | 12:06:37.0 | XRT_PREFLR_STRT_414_OG [0x19e] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2017/05/07 | 12:09:45.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2017/05/07 | 12:31:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2017/05/07 | 12:32:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2017/05/07 | 13:45:00.5 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/05/07 | 13:45:03.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/05/07 | 13:45:05.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2017/05/07 | 13:45:07.0 | XRT_PREFLR_STRT_414_OG [0x19e] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2017/05/07 | 13:48:15.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2017/05/07 | 14:09:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2017/05/07 | 14:10:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2017/05/07 | 15:23:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/05/07 | 15:23:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/05/07 | 15:23:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2017/05/07 | 15:23:06.0 | XRT_PREFLR_STRT_414_OG [0x19e] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2017/05/07 | 15:26:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2017/05/07 | 16:05:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2017/05/07 | 16:06:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2017/05/07 | 16:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/05/07 | 16:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/05/07 | 16:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe 97 00 | |
| 2017/05/07 | 17:00:00.0 | AOCS_ORe-point_Start_1_OG [0x097] | AOCU_NM | 5 | 02-76 | 04 | 00 00 00 00 | |
| 2017/05/07 | 17:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2017/05/07 | 17:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2017/05/07 | 17:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2017/05/07 | 17:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2017/05/07 | 17:00:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2017/05/07 | 17:01:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/05/07 | 17:01:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/05/07 | 17:01:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2017/05/07 | 17:01:36.0 | XRT_PREFLR_STRT_414_OG [0x19e] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2017/05/07 | 17:02:56.0 | XRT_QT_PROG_SET_442_OG [0x1ba] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 12 | |
| 2017/05/07 | 17:02:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 07 | |
| 2017/05/07 | 17:04:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2017/05/07 | 17:42:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2017/05/07 | 17:43:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2017/05/07 | 17:58:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/05/07 | 17:58:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |

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| 2017/05/07 | 17:58:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2017/05/07 | 17:59:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| 2017/05/07 | 17:59:18.0 | XRT_FLD_DIS_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2017/05/07 | 18:01:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2017/05/07 | 18:01:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2017/05/07 | 18:01:58.0 | XRT_QT_PROG_SET_449_OG [0x1c1] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0b | | | |
| 2017/05/07 | 18:02:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/07 | 18:08:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 18:08:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 18:08:58.0 | XRT_FOCUS_POSITION_435_OG [0x1b3] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2017/05/07 | 18:09:00.0 | AOCS_Ore-point_Start_7_OG [0x09d] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | ad | 59 | 00 | 00 |
| 2017/05/07 | 18:09:18.0 | XRT_FLD_DIS_437_OG [0x1b5] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2017/05/07 | 18:23:54.0 | XRT_FLRCTRL_DIS_447_OG [0x1bf] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2017/05/07 | 18:23:56.0 | XRT_ARS_DIS_445_OG [0x1bd] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2017/05/07 | 18:23:58.0 | XRT_QT_PROG_SET_446_OG [0x1be] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 14 | | | |
| 2017/05/07 | 18:24:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/07 | 20:29:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 20:29:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 20:29:58.0 | XRT_FOCUS_POSITION_435_OG [0x1b3] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2017/05/07 | 20:30:00.0 | AOCS_Ore-point_Start_8_OG [0x09e] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 56 | 35 |
| 2017/05/07 | 20:30:18.0 | XRT_FLD_DIS_437_OG [0x1b5] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2017/05/07 | 20:44:54.0 | XRT_FLRCTRL_DIS_447_OG [0x1bf] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2017/05/07 | 20:44:56.0 | XRT_ARS_DIS_445_OG [0x1bd] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2017/05/07 | 20:44:58.0 | XRT_QT_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 04 | | | |
| 2017/05/07 | 20:45:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/07 | 22:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 22:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 22:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2017/05/07 | 23:00:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 | 00 | 00 | 00 | 00 |
| 2017/05/07 | 23:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2017/05/07 | 23:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2017/05/07 | 23:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2017/05/07 | 23:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2017/05/07 | 23:00:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/07 | 23:02:56.0 | XRT_QT_PROG_SET_442_OG [0x1ba] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 12 | | | |
| 2017/05/07 | 23:02:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 07 | | | |
| 2017/05/07 | 23:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/07 | 23:35:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 23:35:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/07 | 23:35:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/07 | 23:35:06.0 | XRT_PREFLR_STRT_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/05/07 | 23:38:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/05/07 | 23:59:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2017/05/08 | 00:00:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/08 | 01:13:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 01:13:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 01:13:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |

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|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2017/05/08 | 01:13:36.0 | XRT_PREFLR_STRT_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/05/08 | 01:16:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/05/08 | 01:38:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2017/05/08 | 01:39:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/08 | 02:46:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 02:46:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 02:46:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/08 | 02:46:06.0 | XRT_PREFLR_STRT_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/05/08 | 02:49:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/05/08 | 03:16:31.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2017/05/08 | 03:17:31.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/08 | 04:14:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 04:14:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 04:14:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/08 | 04:14:36.0 | XRT_PREFLR_STRT_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/05/08 | 04:17:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/05/08 | 04:54:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2017/05/08 | 04:55:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/08 | 05:27:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 05:27:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 05:27:28.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2017/05/08 | 05:27:30.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2017/05/08 | 05:27:48.0 | XRT_FLD_DIS_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2017/05/08 | 05:30:24.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2017/05/08 | 05:30:26.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2017/05/08 | 05:30:28.0 | XRT_QT_PROG_SET_449_OG [0x1c1] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0b | | | | |
| 2017/05/08 | 05:30:30.5 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/08 | 05:37:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 05:37:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 05:37:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2017/05/08 | 05:37:30.0 | AOCS_ORe-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 00 00 00 00 | | | | |
| 2017/05/08 | 05:37:48.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2017/05/08 | 05:37:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2017/05/08 | 05:37:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2017/05/08 | 05:37:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2017/05/08 | 05:37:56.0 | XRT_FLD_RESET_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/08 | 05:40:26.0 | XRT_QT_PROG_SET_442_OG [0x1ba] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 | | | | |
| 2017/05/08 | 05:40:28.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 07 | | | | |
| 2017/05/08 | 05:40:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/08 | 05:54:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 05:54:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 05:54:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/08 | 05:54:36.0 | XRT_PREFLR_STRT_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/05/08 | 05:57:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/05/08 | 06:33:01.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2017/05/08 | 06:34:01.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/08 | 07:35:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 07:35:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 07:35:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|--|--|
| 2017/05/08 | 07:35:06.0 | XRT_PREFLR_STRT_414_OG [0x19e] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2017/05/08 | 07:38:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2017/05/08 | 08:11:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2017/05/08 | 08:12:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2017/05/08 | 09:14:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2017/05/08 | 09:14:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2017/05/08 | 09:14:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2017/05/08 | 09:14:36.0 | XRT_PREFLR_STRT_414_OG [0x19e] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2017/05/08 | 09:17:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2017/05/08 | 09:50:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2017/05/08 | 09:51:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2017/05/08 | 09:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2017/05/08 | 09:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2017/05/08 | 09:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | |
| 2017/05/08 | 10:00:00.0 | AOCS_ORe-point_Start_9_OG [0x09f] | AOCU_NM | 5 | 02-76 | 00 54 b4 01 f3 | | | |
| 2017/05/08 | 10:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2017/05/08 | 10:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2017/05/08 | 10:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2017/05/08 | 10:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2017/05/08 | 10:00:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2017/05/08 | 10:02:56.0 | XRT_QT_PROG_SET_426_OG [0x1aa] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0f | | | |
| 2017/05/08 | 10:02:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 07 | | | |
| 2017/05/08 | 10:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2017/05/08 | 10:57:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2017/05/08 | 10:57:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2017/05/08 | 10:57:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2017/05/08 | 10:57:06.0 | XRT_PREFLR_STRT_414_OG [0x19e] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2017/05/08 | 11:00:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2017/05/08 | 11:03:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2017/05/08 | 11:03:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2017/05/08 | 11:03:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2017/05/08 | 11:03:36.0 | XRT_PREFLR_STRT_414_OG [0x19e] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2017/05/08 | 11:06:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2017/05/08 | 11:28:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2017/05/08 | 11:29:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2017/05/08 | 12:42:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2017/05/08 | 12:42:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2017/05/08 | 12:42:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2017/05/08 | 12:42:06.0 | XRT_PREFLR_STRT_414_OG [0x19e] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2017/05/08 | 12:45:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2017/05/08 | 13:06:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2017/05/08 | 13:07:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2017/05/08 | 14:20:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2017/05/08 | 14:20:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2017/05/08 | 14:20:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2017/05/08 | 14:20:06.0 | XRT_PREFLR_STRT_414_OG [0x19e] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2017/05/08 | 14:23:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2017/05/08 | 14:52:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2017/05/08 | 14:53:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |

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|------------|------------|------------------------------------|---------------------|---|-------|----------------|--|--|--|--|
| 2017/05/08 | 15:58:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 15:58:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 15:58:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/08 | 15:58:36.0 | XRT_PREFLR_STRT_414_OG [0x19e] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/05/08 | 16:01:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/05/08 | 16:40:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2017/05/08 | 16:41:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/08 | 16:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 16:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 16:59:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2017/05/08 | 17:00:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2017/05/08 | 17:00:18.0 | XRT_FLD_DIS_406_OG [0x196] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2017/05/08 | 17:02:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2017/05/08 | 17:02:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2017/05/08 | 17:02:58.0 | XRT_QT_PROG_SET_449_OG [0x1c1] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0b | | | | |
| 2017/05/08 | 17:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/08 | 17:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 17:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 17:09:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2017/05/08 | 17:10:00.0 | AOCS_Ore-point_Start_10_OG [0x0a0] | AOCU_NM | 5 | 02-76 | 01 00 00 00 00 | | | | |
| 2017/05/08 | 17:10:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2017/05/08 | 17:10:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2017/05/08 | 17:10:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2017/05/08 | 17:10:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2017/05/08 | 17:10:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/08 | 17:12:56.0 | XRT_QT_PROG_SET_420_OG [0x1a4] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09 | | | | |
| 2017/05/08 | 17:12:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 07 | | | | |
| 2017/05/08 | 17:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/08 | 17:37:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 17:37:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 17:37:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/08 | 17:37:06.0 | XRT_PREFLR_STRT_414_OG [0x19e] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/05/08 | 17:40:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/05/08 | 18:16:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2017/05/08 | 18:17:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/08 | 19:15:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 19:15:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 19:15:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/08 | 19:15:06.0 | XRT_PREFLR_STRT_414_OG [0x19e] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/05/08 | 19:18:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/05/08 | 19:53:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2017/05/08 | 19:54:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/08 | 20:53:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 20:53:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 20:53:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/08 | 20:53:36.0 | XRT_PREFLR_STRT_414_OG [0x19e] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/05/08 | 20:56:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/05/08 | 20:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | | |

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|------------|------------|------------------------------------|---------------------------|---|-------|----|----|----|----|----|
| 2017/05/08 | 20:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 20:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 21:00:00.0 | AOCS_Ore-point_Start_11_OG [0x0a1] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2017/05/08 | 21:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 02 | 00 | 00 | 00 | 00 |
| 2017/05/08 | 21:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2017/05/08 | 21:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2017/05/08 | 21:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2017/05/08 | 21:00:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2017/05/08 | 21:02:56.0 | XRT_QT_PROG_SET_420_OG [0x1a4] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/08 | 21:02:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 09 | | | |
| 2017/05/08 | 21:30:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 07 | | | |
| 2017/05/08 | 21:31:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2017/05/08 | 22:32:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/08 | 22:32:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 22:32:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/08 | 22:32:06.0 | XRT_PREFLR_STRT_414_OG [0x19e] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/08 | 22:35:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/05/08 | 23:06:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/05/08 | 23:07:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2017/05/09 | 00:10:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/09 | 00:10:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/09 | 00:10:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/09 | 00:10:36.0 | XRT_PREFLR_STRT_414_OG [0x19e] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/09 | 00:13:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/05/09 | 00:20:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/05/09 | 00:33:00.0 | XRT_CTRL_MANU_402_OG [0x192] | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| 2017/05/09 | 00:33:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/09 | 00:33:04.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/09 | 00:33:24.0 | XRT_FLD_ENA_411_OG [0x19b] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2017/05/09 | 00:33:26.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2017/05/09 | 00:33:28.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2017/05/09 | 00:33:30.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2017/05/09 | 00:33:32.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2017/05/09 | 00:36:02.0 | XRT_QT_PROG_SET_420_OG [0x1a4] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/09 | 00:36:04.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 09 | | | |
| 2017/05/09 | 00:36:06.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 07 | | | |
| 2017/05/09 | 01:46:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/09 | 01:46:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/09 | 01:46:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/09 | 01:46:06.0 | XRT_PREFLR_STRT_414_OG [0x19e] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/09 | 01:49:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/05/09 | 02:13:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/05/09 | 02:14:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2017/05/09 | 03:10:00.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/09 | 03:10:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/09 | 03:10:04.0 | XRT_FOCUS_POSITION_403_OG [0x193] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/09 | 03:10:24.0 | XRT_FLD_DIS_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2017/05/09 | 03:13:00.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |

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|------------|------------|--------------------------------------|---------------------|---|-------|----|-------------|
| 2017/05/09 | 03:13:02.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2017/05/09 | 03:13:04.0 | XRT_QT_PROG_SET_429_OG [0x1ad] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0c |
| 2017/05/09 | 03:13:06.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/05/09 | 03:20:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/09 | 03:20:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/09 | 03:20:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/05/09 | 03:20:36.0 | XRT_PREFLR_STRT_414_OG [0x19e] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/05/09 | 03:23:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/05/09 | 03:29:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/09 | 03:29:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/09 | 03:29:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe 97 00 |
| 2017/05/09 | 03:30:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | AOCU_NM | 5 | 02-76 | 04 | 00 00 00 00 |
| 2017/05/09 | 03:30:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2017/05/09 | 03:30:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2017/05/09 | 03:30:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2017/05/09 | 03:30:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2017/05/09 | 03:30:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/05/09 | 03:32:56.0 | XRT_QT_PROG_SET_442_OG [0x1ba] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 12 |
| 2017/05/09 | 03:32:58.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 07 |
| 2017/05/09 | 03:52:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/05/09 | 03:53:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/05/09 | 04:50:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/09 | 04:50:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/09 | 04:50:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/05/09 | 04:50:36.0 | XRT_PREFLR_STRT_414_OG [0x19e] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/05/09 | 04:53:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/05/09 | 05:00:00.0 | XRT_CTRL_MANU_409_OG [0x199] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/09 | 05:00:10.0 | XRT_FOCUS_RECALIBRATE_416_OG [0x1a0] | XRT_FOCUS_RECAL | 2 | 07-F8 | 78 | 00 |
| 2017/05/09 | 05:04:10.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe 97 00 |
| 2017/05/09 | 05:30:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/05/09 | 05:31:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/05/09 | 06:01:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/09 | 06:01:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/09 | 06:01:28.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff aa 00 |
| 2017/05/09 | 06:01:30.0 | AOCS_ORe-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 | 00 00 00 00 |
| 2017/05/09 | 06:01:48.0 | XRT_FLD_DIS_406_OG [0x196] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2017/05/09 | 06:04:24.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2017/05/09 | 06:04:26.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2017/05/09 | 06:04:28.0 | XRT_QT_PROG_SET_449_OG [0x1c1] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0b |
| 2017/05/09 | 06:04:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/05/09 | 06:11:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/09 | 06:11:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/05/09 | 06:11:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe 97 00 |
| 2017/05/09 | 06:11:30.0 | AOCS_ORe-point_Start_1_OG [0x097] | AOCU_NM | 5 | 02-76 | 04 | 00 00 00 00 |
| 2017/05/09 | 06:11:48.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2017/05/09 | 06:11:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2017/05/09 | 06:11:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |

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|------------|------------|----------------------------------|---|-------|----------------|--|--|--|--|
| 2017/05/09 | 06:11:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2017/05/09 | 06:11:56.0 | XRT_FLD_RESET_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/09 | 06:14:26.0 | XRT_QT_PROG_SET_442_OG [0x1ba] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 | | | | |
| 2017/05/09 | 06:14:28.0 | XRT_FL_PROG_SET_436_OG [0x1b4] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 07 | | | | |
| 2017/05/09 | 06:14:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/09 | 06:31:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/09 | 06:31:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/09 | 06:31:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/09 | 06:31:06.0 | XRT_PREFLR_STRT_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/05/09 | 06:34:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/05/09 | 07:08:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2017/05/09 | 07:09:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/09 | 08:11:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/09 | 08:11:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/09 | 08:11:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/09 | 08:11:06.0 | XRT_PREFLR_STRT_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/05/09 | 08:14:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/05/09 | 08:47:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2017/05/09 | 08:48:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/05/09 | 09:51:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/09 | 09:51:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/05/09 | 09:51:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/05/09 | 09:51:06.0 | XRT_PREFLR_STRT_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/05/09 | 09:54:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/05/09 | 10:57:00.0 | AOCS_Or-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |