

XRT Timeline to be uploaded on 2017/10/05

Period: 2017/10/05 10:50:00 - 2017/10/10 10:31:00

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Normal mode

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XOB #1BA3: AR Standard-A(Filter-Ratio with Al/poly and thin-Be) with PFB, 384x384 at 1064 1048, thin-Be, thick-Al, Al/Poly context, with G-band (1ms/1ms)

| Term | Pointing (x, y) | Comment |
|---------------------------------|---|---|
| 10/05 11:06:30 - 10/05 17:58:30 | Track (705.0, 112.0) ^{Ⓜ 10/05 11:00:00} | # OP start + 10min HOP323 AR12683 Sunspot |
| 10/06 07:33:00 - 10/06 10:59:54 | Track (806.7, 129.7) ^{Ⓜ 10/06 07:30:00} | HOP323 AR 12683 Sunspot |
| 10/06 11:03:00 - 10/06 17:59:54 | Track (820.9, 132.9) ^{Ⓜ 10/06 11:00:00} | HOP323 AR 12683 Sunspot |
| 10/07 07:37:30 - 10/07 10:30:00 | Track (740.0, 245.0) ^{Ⓜ 10/07 07:30:00} | HOP323 AR12683 Plage |

PROG= 04 Inf.-time(s)

| Subr= 1 | 1-time(s) | 2.0sec | | | | | | | | | | | | | |
|------------------------------------|-----------|--------|----------------|----------------|-------|------|-------|-------|-----|-----|----------------------|-------|------------|----------|---------|
| Seqn= 92 1-time(s) 2.0sec | | | Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1064, 1048) | DPCM | 0 | 0 | 2.0sec |
| | | | Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1064, 1048) | DPCM | 0 | 0 | 2.0sec |
| | | | Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 16.0s | Obs | 1x1 | 384x384 (1064, 1048) | Q=98 | 0 | 0 | 2.0sec |
| Seqn= 42 3-time(s) 2.0sec | | | Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| | | | thin-Be/Open | med-Be/Open | close | Safe | Norm | 5.66s | Obs | 1x1 | 512x512 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| | | | Open/thick-Al | Open/thick-Al | close | Safe | Norm | 16.0s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| Seqn= 32 40-time(s) 90.0sec | | | thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| | | | Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 34.0sec |
| | | | thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 1 | 2.0sec |
| | | | Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 1 | 34.0sec |
| | | | thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 2 | 2.0sec |
| | | | Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 2 | 2.0sec |
| | | | Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

XOB #1BC0: Synoptic Q95 2x2 - Al/mesh(8/128/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(12/181/1443) + Th

| Term | Pointing (x, y) | Comment |
|---------------------------------|-------------------|----------------------------|
| 10/05 18:25:00 - 10/05 18:31:54 | Fixed (0.0, 0.0) | synoptic, shifted 22.0 min |
| 10/06 05:56:00 - 10/06 06:02:54 | Fixed (0.0, 0.0) | synoptic, shifted -7.0 min |
| 10/06 18:03:00 - 10/06 18:09:54 | Fixed (0.0, 0.0) | synoptic |

PROG= 03 1-time(s)

| Subr= 1 | 1-time(s) | 2.0sec | | | | | | | | | | | | | |
|----------------------------------|-----------|--------|----------------|------------------|-------|------|-------|-------|-----|-----|------------------------|-------|------------|----------|--------|
| Seqn= 5 1-time(s) 2.0sec | | | Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| | | | Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 4x4 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| | | | Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 8x8 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| | | | Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 1x1 | 2048x512 (1024, 1024) | DPCM | 0 | 0 | 2.0sec |
| | | | Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 1x1 | 512x2048 (1024, 1024) | DPCM | 0 | 0 | 2.0sec |
| Seqn= 80 1-time(s) 2.0sec | | | Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 8ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| | | | Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 125ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| | | | Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 1.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 13 1-time(s) 2.0sec | | | Al-poly/Open | Al-poly/Open | close | Safe | Norm | 12ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| | | | Al-poly/Open | Al-poly/Open | close | Safe | Norm | 177ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| | | | Al-poly/Open | Al-poly/thick-Al | close | Safe | Norm | 1.41s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 37 1-time(s) 2.0sec | | | thin-Be/Open | thin-Be/Open | close | Safe | Norm | 63ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| | | | thin-Be/Open | thin-Be/Open | close | Safe | Norm | 1.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| | | | thin-Be/Open | thin-Be/Open | close | Safe | Norm | 5.66s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 23 1-time(s) 2.0sec | | | Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 2048x2048 (1024, 1024) | Q=90 | 0 | 0 | 2.0sec |
| | | | Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| | | | Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

XOB #1B96: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 360s cad (G-band/Leak first)

| Term | Pointing (x, y) | Comment |
|---------------------------------|---|--|
| 10/05 18:35:00 - 10/06 00:27:30 | Track (269.4, -87.3) ^{Ⓜ 10/05 18:32:00} | EIS QS Network & Coronal BP / Spectrum Atlas |
| 10/06 18:13:00 - 10/07 02:09:54 | Track (470.1, -76.3) ^{Ⓜ 10/06 18:10:00} | EIS QS network & Coronal BP / Sensitivity Monitoring |

PROG= 18 Inf.-time(s)

| Subr= 1 | 1-time(s) | 2.0sec | | | | | | | | | | | | | |
|------------------------------------|-----------|--------|----------------|----------------|-------|------|-------|-------|-----|-----|------------------------|-------|------------|----------|--------|
| Seqn= 30 1-time(s) 2.0sec | | | Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 512x512 (1024, 1024) | Q=90 | 0 | 0 | 2.0sec |
| | | | Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 512x512 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Subr= 2 10-time(s) 360.0sec | | | | | | | | | | | | | | | |
| Seqn= 8 1-time(s) 2.0sec | | | thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 4x4 | 2048x2048 (1024, 1024) | Q=98 | 3 | 0 | 2.0sec |
| | | | thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.41s | Obs | 4x4 | 2048x2048 (1024, 1024) | DPCM | 2 | 0 | 2.0sec |
| Seqn= 6 1-time(s) 2.0sec | | | Al-poly/Open | Al-poly/Open | close | Safe | Norm | 125ms | Obs | 4x4 | 2048x2048 (1024, 1024) | Q=98 | 3 | 0 | 2.0sec |
| | | | Al-poly/Open | Al-poly/Open | close | Safe | Norm | 1.00s | Obs | 4x4 | 2048x2048 (1024, 1024) | DPCM | 2 | 0 | 2.0sec |
| | | | Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

XOB #1BB8: AR Standard-A(Filter-Ratio with Al/poly and thin-Be) with PFB, 384x384 at 1064 1048, thin-Be, thick-Al, Al/Poly context, with G-band (1ms/1ms)

| Term | Pointing (x, y) | Comment |
|---------------------------------|--|-------------------|
| 10/06 00:36:30 - 10/06 01:51:30 | Track (775.6, 123.4) @ 10/06 00:32:00 | AR Obs. NOAA12683 |
| 10/06 03:48:00 - 10/06 05:52:54 | Track (789.0, 126.0) @ 10/06 03:26:00 | AR Obs. NOAA12683 |
| 10/06 06:06:00 - 10/06 07:29:54 | Track (800.5, 128.4) @ 10/06 06:03:00 | AR Obs. NOAA12683 |
| 10/07 02:13:00 - 10/07 06:08:54 | Track (871.3, 147.2) @ 10/07 02:10:00 | AR obs. NOAA12683 |
| 10/07 06:22:00 - 10/07 07:12:30 | Track (881.8, 151.2) @ 10/07 06:19:00 | AR obs. NOAA12683 |

PROG= 16 Inf.-time(s)

| Subr= 1 | 1-time(s) | 2.0sec | | | | | | | | | | |
|-----------------|-------------------|-----------------|------|-------|-------|-----|-----|----------------------|-------|------------|----------|---------|
| Seqn= 92 | 1-time(s) | 2.0sec | | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1064, 1048) | DPCM | 0 | 0 | 2.0sec |
| Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1064, 1048) | DPCM | 0 | 0 | 2.0sec |
| Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 16.0s | Obs | 1x1 | 384x384 (1064, 1048) | Q=98 | 0 | 0 | 2.0sec |
| Seqn= 42 | 3-time(s) | 2.0sec | | | | | | | | | | |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 5.66s | Obs | 1x1 | 512x512 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| Open/thick-Al | Open/thick-Al | close | Safe | Norm | 16.0s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| Seqn= 32 | 30-time(s) | 120.0sec | | | | | | | | | | |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 34.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 1 | 2.0sec |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 1 | 34.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 2 | 2.0sec |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 2 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

XOB #1BA5: HOP304 - High cadence (10s Al/poly only) 384x384 at 1064 1048

| Term | Pointing (x, y) | Comment |
|---------------------------------|---|--------------------------|
| 10/06 02:11:00 - 10/06 03:25:54 | Track (832.0, -330.0) @ 10/06 02:05:00 | HOP341 MHD wave in plage |

PROG= 14 Inf.-time(s)

| Subr= 1 | 1-time(s) | 2.0sec | | | | | | | | | | |
|-----------------|-------------------|----------------|------|-------|-------|-----|-----|----------------------|-------|------------|----------|--------|
| Seqn= 92 | 1-time(s) | 2.0sec | | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1064, 1048) | DPCM | 0 | 0 | 2.0sec |
| Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1064, 1048) | DPCM | 0 | 0 | 2.0sec |
| Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 16.0s | Obs | 1x1 | 384x384 (1064, 1048) | Q=98 | 0 | 0 | 2.0sec |
| Subr= 2 | 1-time(s) | 2.0sec | | | | | | | | | | |
| Seqn= 74 | 50-time(s) | 10.0sec | | | | | | | | | | |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

XOB #1BA8: Synoptic 7 Filter w/ Al-mesh(24/256/2897), Al-poly(45/512/4096), Thin-Be(181/2048/11571) - Thick-Be(65536), Al-poly+Ti-poly(256/5795), Med-Al

| Term | Pointing (x, y) | Comment |
|---------------------------------|-------------------|---------------------------|
| 10/07 06:12:00 - 10/07 06:18:54 | Fixed (0.0, 0.0) | synoptic, shifted 9.0 min |

PROG= 05 1-time(s)

| Subr= 1 | 1-time(s) | 2.0sec | | | | | | | | | | |
|-----------------|------------------|---------------|------|-------|-------|-----|-----|------------------------|-------|------------|----------|--------|
| Seqn= 5 | 1-time(s) | 2.0sec | | | | | | | | | | |
| Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 4x4 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 8x8 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 1x1 | 2048x512 (1024, 1024) | DPCM | 0 | 0 | 2.0sec |
| Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 1x1 | 512x2048 (1024, 1024) | DPCM | 0 | 0 | 2.0sec |
| Seqn= 1 | 1-time(s) | 2.0sec | | | | | | | | | | |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 24ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 250ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 2.83s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 99 | 1-time(s) | 2.0sec | | | | | | | | | | |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 44ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 500ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Al-poly/Open | Al-poly/thick-Al | close | Safe | Norm | 4.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 67 | 1-time(s) | 2.0sec | | | | | | | | | | |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 177ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 2.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 11.3s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 23 | 1-time(s) | 4.0sec | | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 2048x2048 (1024, 1024) | Q=90 | 0 | 0 | 2.0sec |
| Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Subr= 2 | 1-time(s) | 2.0sec | | | | | | | | | | |
| Seqn= 46 | 2-time(s) | 2.0sec | | | | | | | | | | |
| Open/thick-Be | Open/thick-Be | close | Safe | Norm | 64.0s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Seqn= 40 | 2-time(s) | 2.0sec | | | | | | | | | | |
| 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 |
| Seqn= 65 | 2-time(s) | 2.0sec | | | | | | | | | | |
| med-Al/Open | med-Al/Open | close | Safe | Norm | 2.83s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| med-Al/Open | med-Al/Open | close | Safe | Norm | 32.0s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

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Flare mode

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XOB #1B8E: Flare - multiframe 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 |
|---------------------------------|--|--|
| 10/05 11:06:30 - 10/05 17:58:30 | Track (705.0, 112.0) @ 10/05 11:00:00 | # OP start + 10min HOP323 AR12683 Sunspot |
| 10/05 18:35:00 - 10/06 00:27:30 | Track (269.4, -87.3) @ 10/05 18:32:00 | EIS QS Network & Coronal BP / Spectrum Atlas |
| 10/06 00:36:30 - 10/06 01:51:30 | Track (775.6, 123.4) @ 10/06 00:32:00 | AR Obs. NOAA12683 |
| 10/06 03:48:00 - 10/06 05:52:54 | Track (789.0, 126.0) @ 10/06 03:26:00 | AR Obs. NOAA12683 |
| 10/06 06:06:00 - 10/06 07:29:54 | Track (800.5, 128.4) @ 10/06 06:03:00 | AR Obs. NOAA12683 |
| 10/06 07:33:00 - 10/06 10:59:54 | Track (806.7, 129.7) @ 10/06 07:30:00 | HOP323 AR 12683 Sunspot |
| 10/06 11:03:00 - 10/06 17:59:54 | Track (820.9, 132.9) @ 10/06 11:00:00 | HOP323 AR 12683 Sunspot |
| 10/06 18:13:00 - 10/07 02:09:54 | Track (470.1, -76.3) @ 10/06 18:10:00 | EIS QS network & Coronal BP / Sensitivity Monitoring |
| 10/07 02:13:00 - 10/07 06:08:54 | Track (871.3, 147.2) @ 10/07 02:10:00 | AR obs. NOAA12683 |
| 10/07 06:22:00 - 10/07 07:12:30 | Track (881.8, 151.2) @ 10/07 06:19:00 | AR obs. NOAA12683 |
| 10/07 07:37:30 - 10/07 10:30:00 | Track (740.0, 245.0) @ 10/07 07:30:00 | HOP323 AR12683 Plage |

PROG= 13 30-time(s)

| Subr= | 1-time(s) | 2-time(s) | 2.0sec | | | | | | | | | | | |
|----------------|------------------------|-----------|--------|-------|------|-----|----------------------|--------------------|-------|------------|----------|--|--|--|
| Subr= 1 | 1-time(s) | 2.0sec | | | | | | | | | | | | |
| Seqn= 11 | 1-time(s) | 2.0sec | | | | | | | | | | | | |
| Al-poly/Open | Al-poly/thick-Al close | Safe | Norm | 125ms | Obs | 2x2 | 512x512 (1024, 1024) | Q=95 | 2 | 0 | 2.0sec | | | |
| Seqn=100 | 1-time(s) | 10.0sec | | | | | | | | | | | | |
| thin-Be/Open | med-Be/Open close | Safe | Norm | 125ms | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 2 | 0 | 2.0sec | | | |
| med-Be/Open | Open/thick-Al close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 3 | 0 | 2.0sec | | | |
| Open/thick-Al | Open/thick-Be close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 3 | 0 | 2.0sec | | | |
| Subr= 2 | 1-time(s) | 2.0sec | | | | | | | | | | | | |
| Seqn= 10 | 1-time(s) | 2.0sec | | | | | | | | | | | | |
| med-Al/Open | med-Al/thick-Al close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 3 | 0 | 2.0sec | | | |
| Open/thick-Be | Open/thick-Be close | Safe | Norm | 2.00s | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 3 | 0 | 2.0sec | | | |
| Seqn= 11 | 1-time(s) | 2.0sec | | | | | | | | | | | | |
| Al-poly/Open | Al-poly/thick-Al close | Safe | Norm | 125ms | Obs | 2x2 | 512x512 (1024, 1024) | Q=95 | 2 | 0 | 2.0sec | | | |
| Seqn= 87 | 1-time(s) | 2.0sec | | | | | | | | | | | | |
| Open/G-band | Open/G-band open | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec | | | |
| Open/G-band | Open/G-band close | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec | | | |
| Open/thick-Al | Open/thick-Al close | Safe | Dark | 1.00s | Obs | 1x1 | 384x384 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec | | | |
| Open/thick-Al | Open/thick-Al close | Safe | Dark | 1.00s | Obs | 2x2 | 512x512 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec | | | |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | | | |

* * * * *

Active Region Search

* * * * *

NOT USED

* * * * *

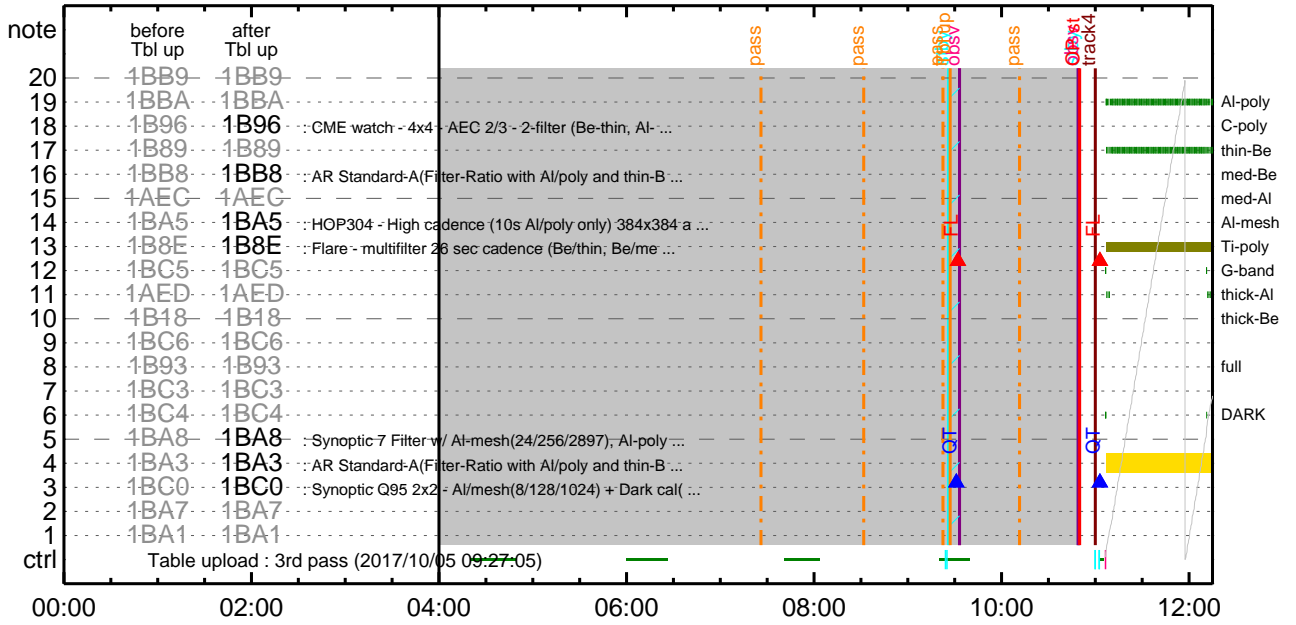
Flare Detection

* * * * *

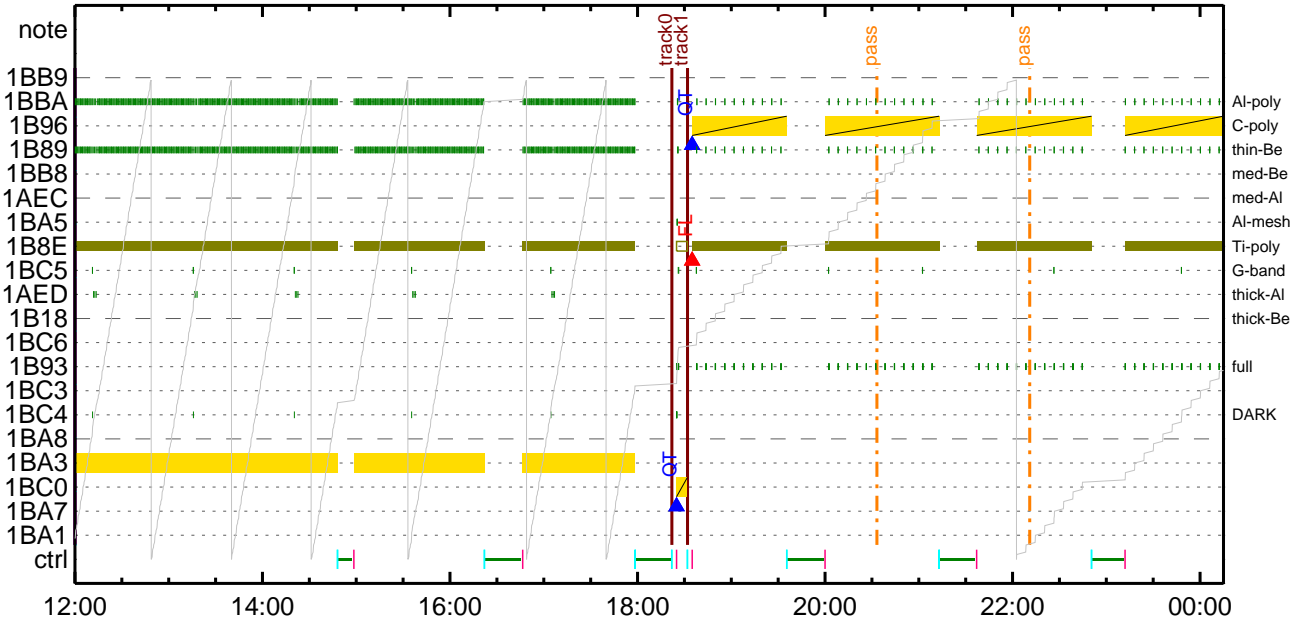
FLD Patrol

| Term | Pointing (x, y) | Comment |
|---------------------------------|--|--|
| 10/05 18:32:18 - 10/06 02:05:18 | Track (269.4, -87.3) @ 10/05 18:32:00 | EIS QS Network & Coronal BP / Spectrum Atlas |
| 10/06 03:26:18 - 10/06 05:53:18 | Track (789.0, 126.0) @ 10/06 03:26:00 | AR Obs. NOAA12683 |
| 10/06 06:03:18 - 10/06 18:00:18 | Track (800.5, 128.4) @ 10/06 06:03:00 | AR Obs. NOAA12683 |
| 10/06 18:10:18 - 10/07 06:09:18 | Track (470.1, -76.3) @ 10/06 18:10:00 | EIS QS network & Coronal BP / Sensitivity Monitoring |
| 10/07 06:19:18 - 10/10 10:31:00 | Track (881.8, 151.2) @ 10/07 06:19:00 | AR obs. NOAA12683 |
| Al-poly/Open | Al-poly/Open close | Safe Norm 8ms Obs 8x8 Q=50 30sec |
| Default Filter | Thicker Filter | VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval |

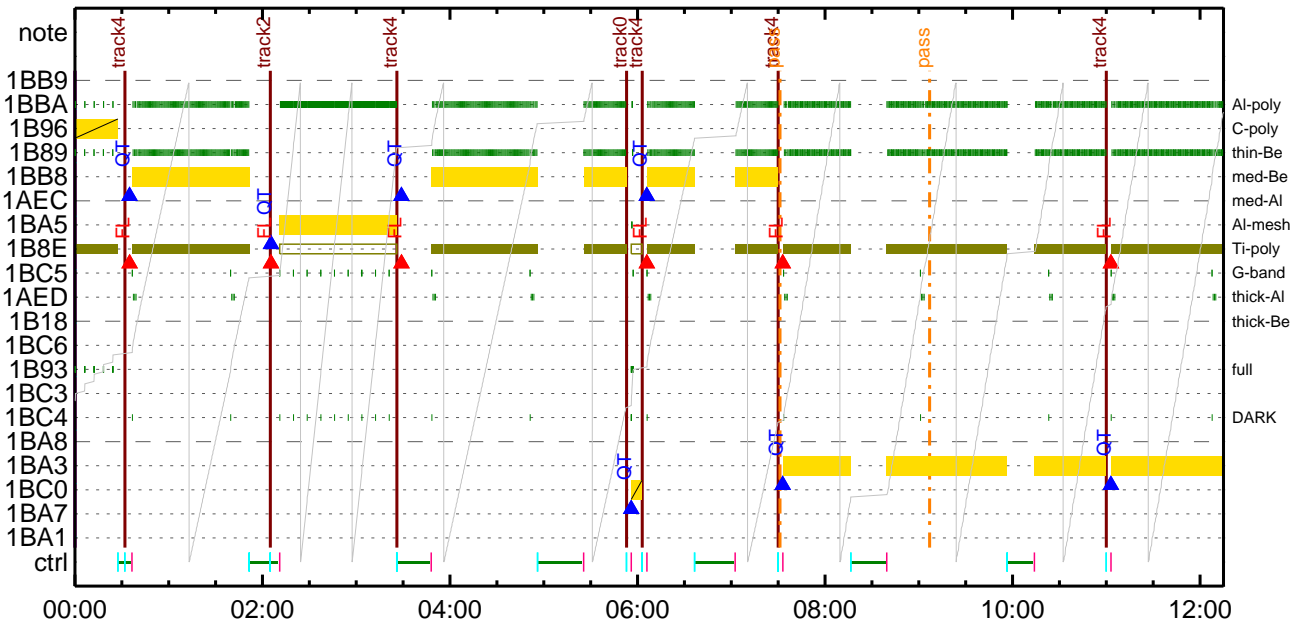
CMDI #0043 2017/10/05



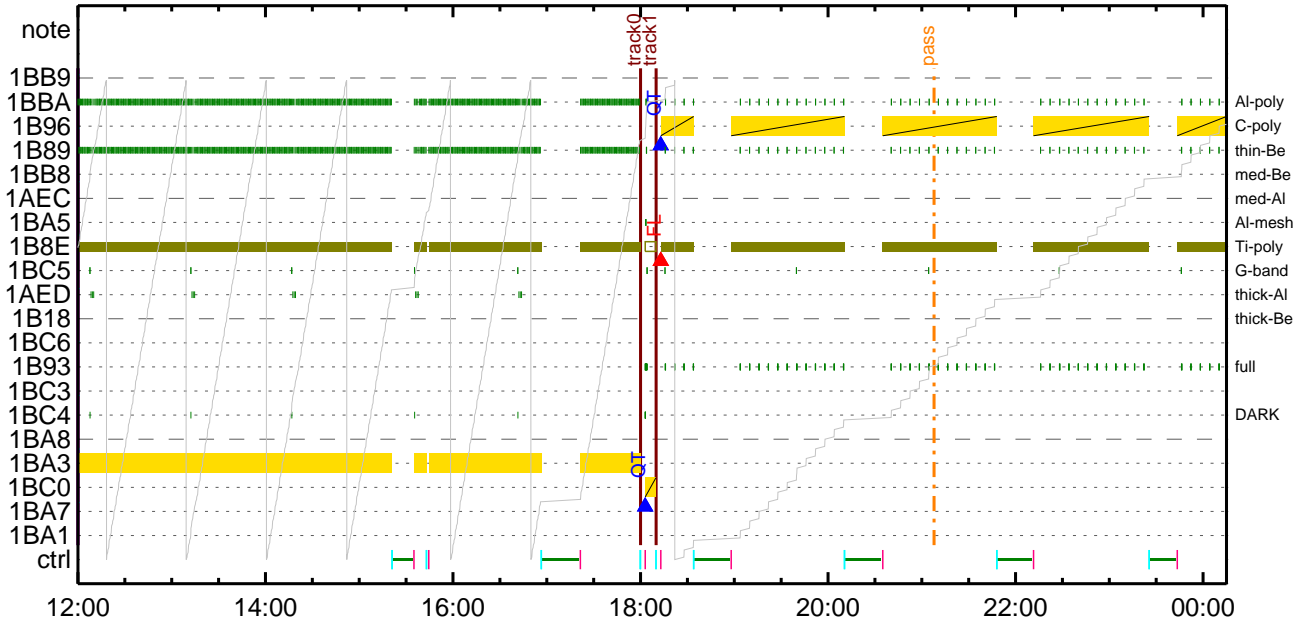
CMDI #0043 2017/10/05



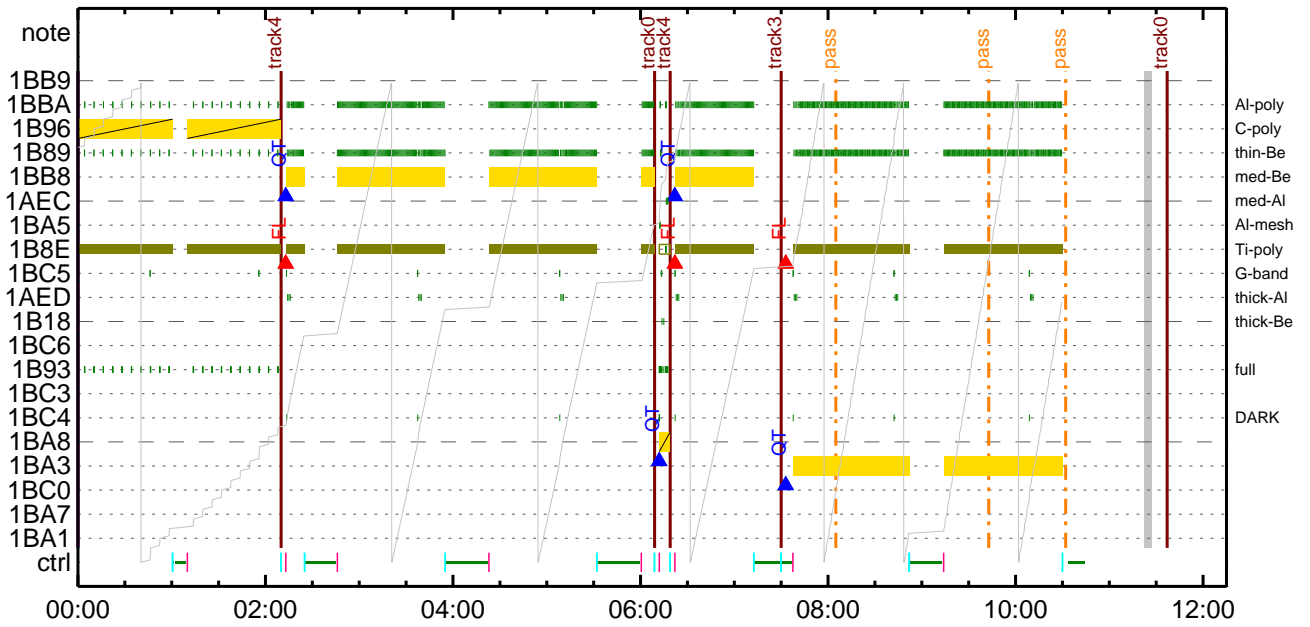
CMDI #0043 2017/10/06



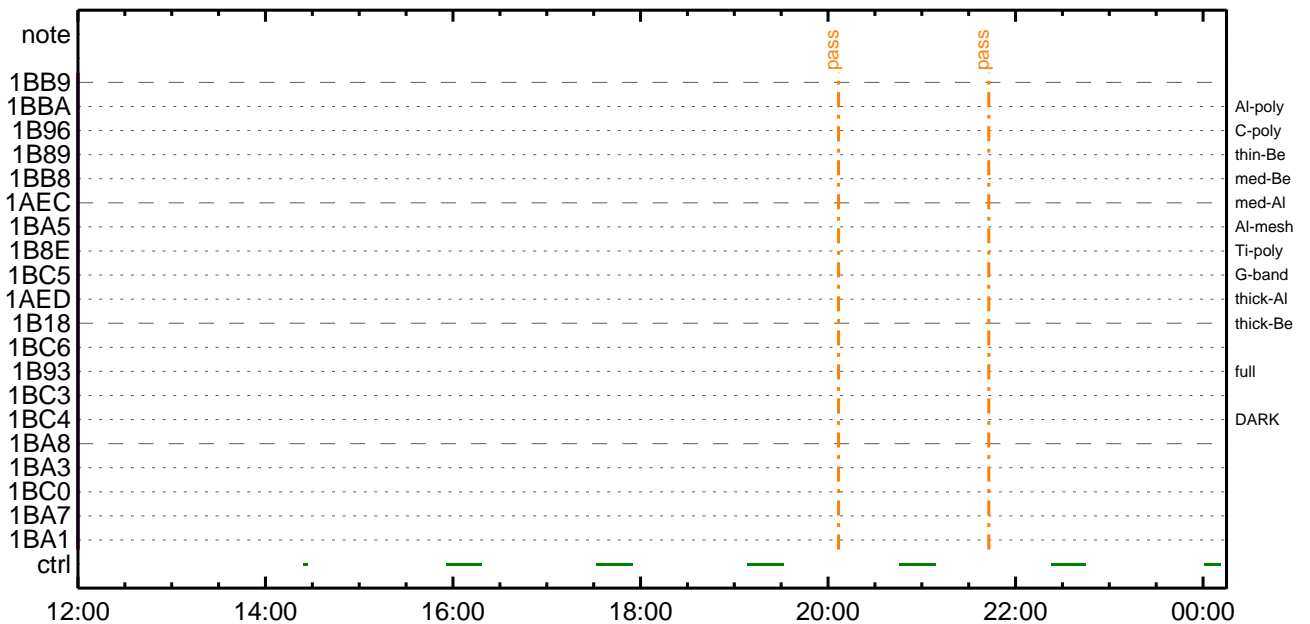
CMDI #0043 2017/10/06



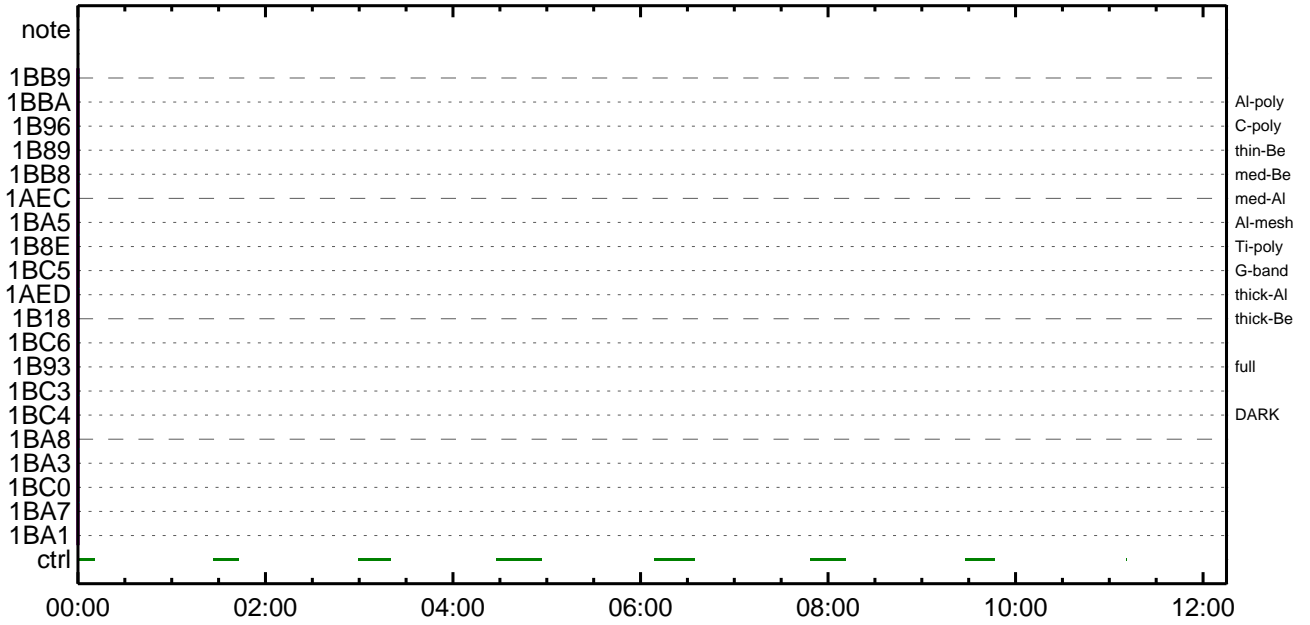
CMDI #0043 2017/10/07



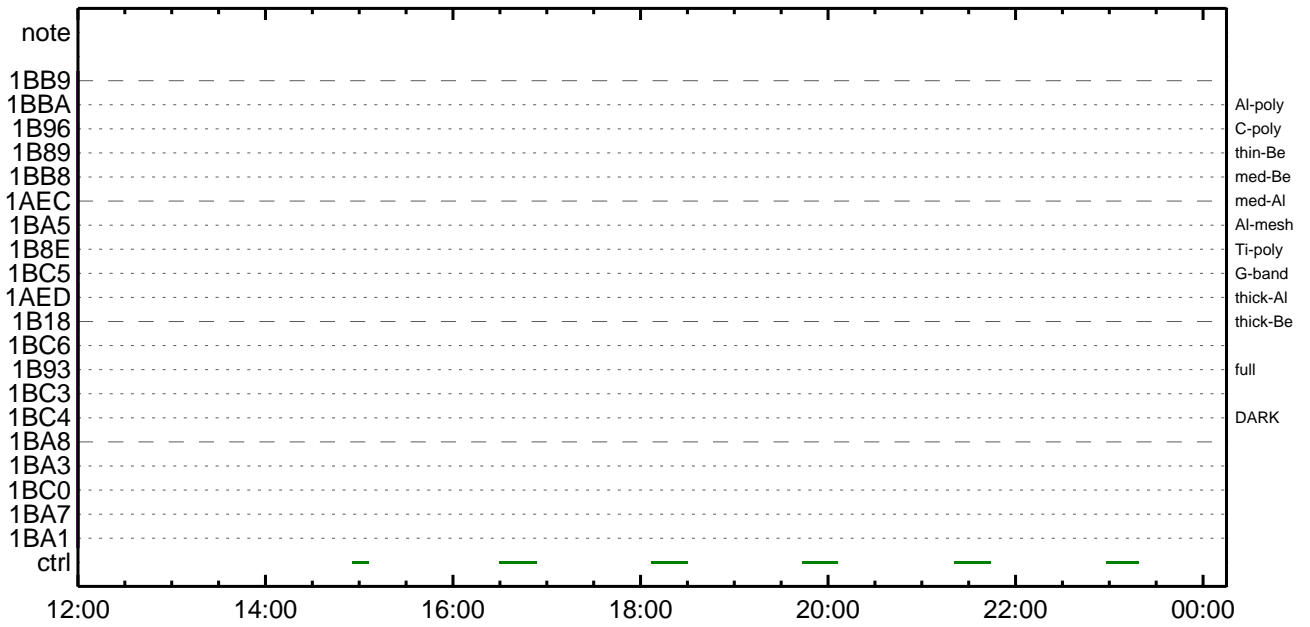
CMDI #0043 2017/10/07



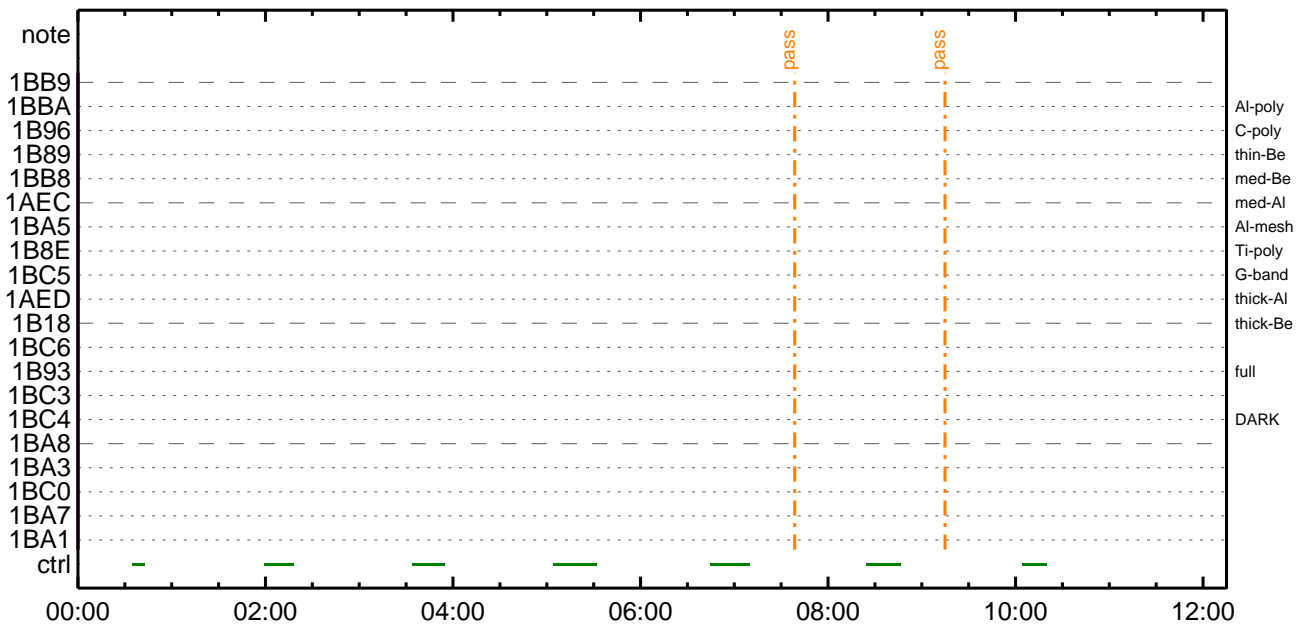
CMDI #0043 2017/10/08



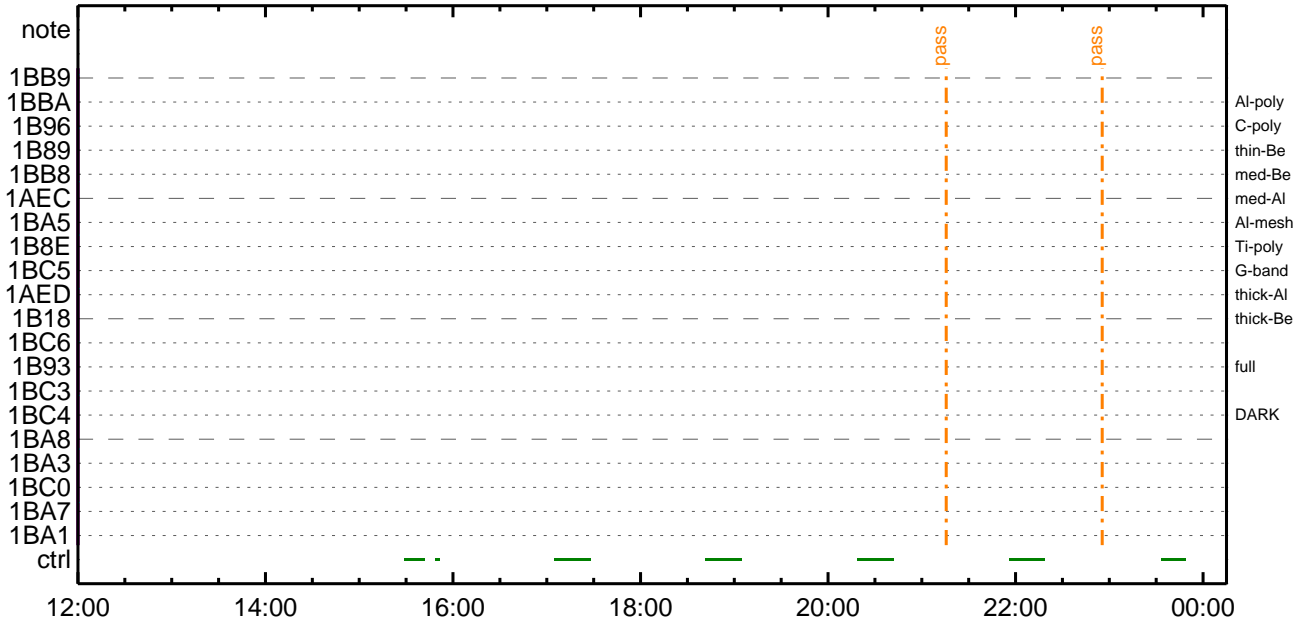
CMDI #0043 2017/10/08



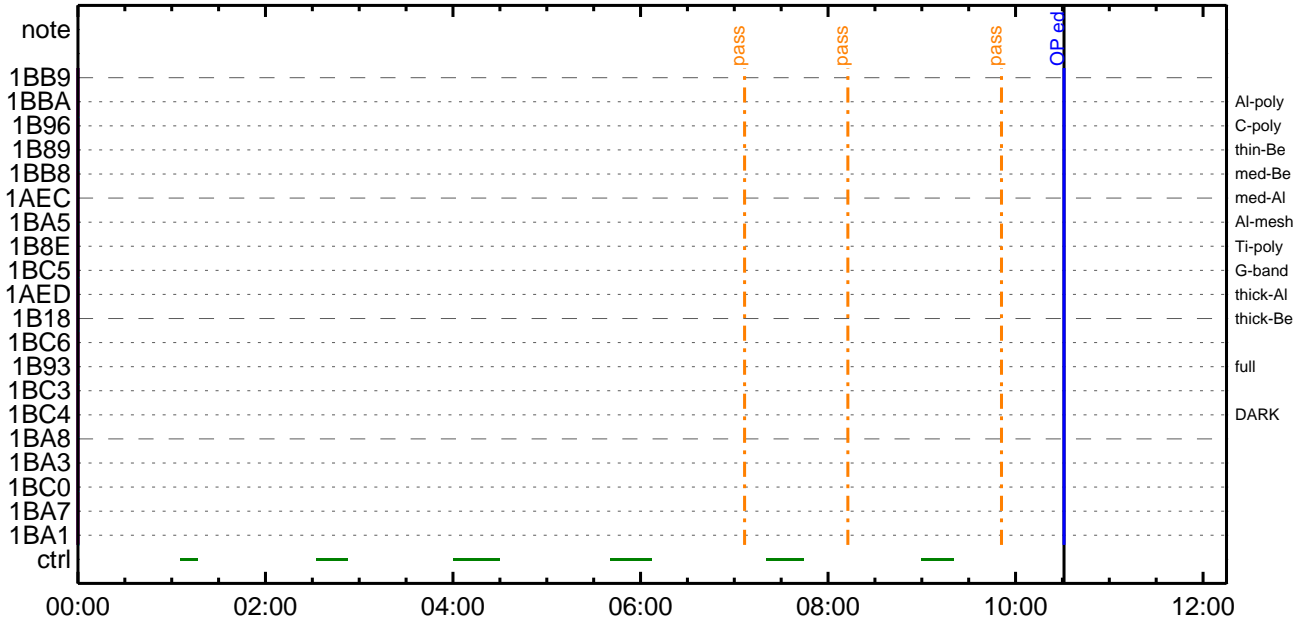
CMDI #0043 2017/10/09



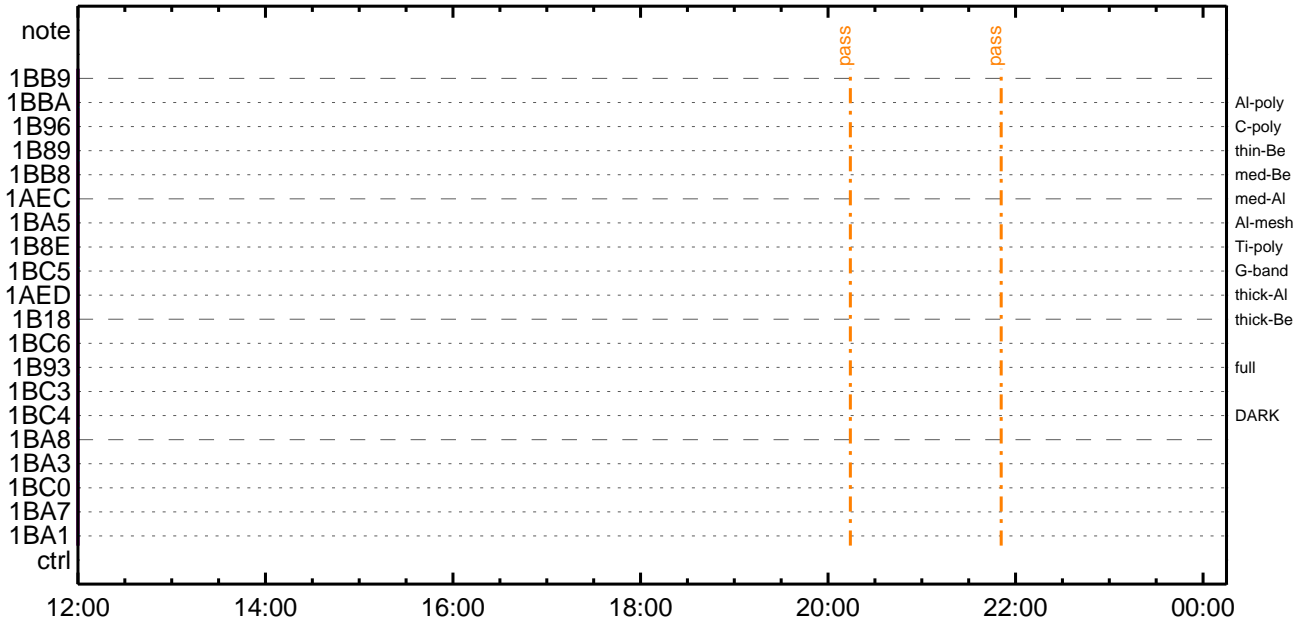
CMDI #0043 2017/10/09



CMDI #0043 2017/10/10



CMDI #0043 2017/10/10




```

0096 C.          SET EDUMP I±°iYÑY¹aÇ¹Òa|a³aE;f
0097 C.
0098 C. TIY³YFYOYÉððÀDİ¿(UT)
0099 +. TI 2017-10-05 10:45:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.          çç[HK1_TI_CMD_NUM]           EQ      1COUNTUP
0102 C.
0103 +. TI 2017-10-05 10:45:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.          çç[HK1_TI_CMD_NUM]           EQ      1COUNTUP
0106 C.
0107 +. TI 2017-10-05 10:45:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.          çç[HK1_TI_CMD_NUM]           EQ      1COUNTUP
0110 C.
0111 +. TI 2017-10-05 10:49:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.          çç[HK1_TI_CMD_NUM]           EQ      1COUNTUP
0114 C.
0115 C. °Ê²¼aİÄè%îİÑaİYÁYŞYÄY-¹àİÜ
0116 C.          çç[HK1_TI_CMD_ENA/DIS]       EQ      ENA
0117 C.          çç[HK1_TI_CMD_NUM]         EQ      4
0118 C.          çç[HK1_NEXT_EXEC_PIM]      EQ      DHU
0119 C.          çç[HK1_NEXT_EXEC_DC]       EQ      0xB3
0120 C.
0121 C. *****
0122 C. TIİİ°èYÄYÓY×
0123 C. *****
0124 C.
0125 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0126 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0127 BC          (03 ab 03 01 02)
0128 C.          çç[HK1_DMP_TOP_ADRS_1]     EQ      07
0129 C.          çç[HK1_DMP_TOP_ADRS_0]     EQ      2B
0130 C.          çç[HK1_DMP_BLOCK_NUM]      EQ      3
0131 C.          çç[HK1_DMP_REPEAT_NUM]     EQ      0
0132 C.          çç[HK1_DMA_DMP_PIM]       EQ      DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC          (07 0b f8)
0135 C.          çç[HK1_PKT_FORM_NO]        EQ      7
0136 C.          çç[HK1_PKT_GEN_TIME]       EQ      0.25 s
0137 C.          çç[HK1_S_TLM_BIT_RATE]     EQ      32k
0138 C.          çç[HK1_X_TLM_BIT_RATE]    EQ      4M
0139 C.          çç[HK1_DMP_CHK_FLG]       EQ      EXEC
0140 C.
0141 C. YÄYÓY×½ªİ»ðð³İÇŞ
0142 C.          çç[HK1_DMP_CHK_FLG]       EQ      NON
0143 C.
0144 C. RAM ID=TI_TBLaİ%Ê¹Ç•è²İOKaðð³İÇŞ
0145 C.
0146 C. DHUYâ;¼YÉ;Ê¼Y½, Yİ;¼YÈ;Ëaðİáa¹
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC          (02 0a f8)
0149 C.          çç[HK1_PKT_FORM_NO]        EQ      2
0150 C.          çç[HK1_PKT_GEN_TIME]       EQ      0.5S
0151 C.          çç[HK1_S_TLM_BIT_RATE]     EQ      32K
0152 C.          çç[HK1_X_TLM_BIT_RATE]    EQ      4M
0153 C.
0154 C. Stop EIS observation and temporarily disable EIS mode changes
0155 C.
0156 C.
0157 C. ***** Start EIS operation (TI set) *****
0158 C. Execute, after the success of OP upload.
0159 C. Set EIS TI-commands
0160 +. TI 2017-10-05 10:49:30.0
0161 DC 07-FC EIS_MODE_MANU
0162 BC          (21 02)
0163 +. TI 2017-10-05 10:49:40.0
0164 DC 07-FC EIS_MODE_CHG_DIS
0165 BC          (22)
0166 C.          [ ] [HK1_TI_CMD_NUM]       EQ      2 COUNTUP
0167 C. ***** End EIS operation (TI set) *****
0168 C.
0169 C.
0170 C.
0171 C. ***** XRT START *****
0172 C. Execute, after the success of OP upload.
0173 +. TI 2017-10-05 10:49:00.0
0174 DC 07-F0 MDP_XRT_MODE_STBY
0175 BC          (c3)
0176 C.          [ ] [HK1_TI_CMD_NUM]       EQ      1COUNTUP
0177 C.
0178 C. ***** XRT END *****
0179 C.
0180 C. ***** MDP ´úÄİaİ»ö¼YªEÄða¹aèDCBC•x²è *****
0181 C. (%á°İYÓYÄYÈYBYÈYÄYÇYèaE%¼aªÅ»Üa¹aè)
0182 S. DC-BC dcbc-402:DCBC
0183 (MDP_known_event)
0184 C.
0185 C.
0186 C. ***** YDY¹•İ Daily±¿İÑaÈ'Øa¹aèDCBC•x²è *****
0187 S. DC-BC dcbc-153:DCBC
0188 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0189 C.
0190 C.
0191 C. ;ãLOS¥ÁYŞYÄY-¼Ä»Ü;ä
0192 C.
0193 C. ***** LOS *****

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```

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 AOUC_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 AOCS DUMP 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 AOUC_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 18s
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 2017-10-05 10:49:50.0
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 [ ] [ ] *****
0156 . C. ( [ ] )
0157 . S. DC-BC dcbc-402:DCBC
0158 (MDP_known_event)
0159 . C.
0160 . C.
0161 . C. ***** Daily [ ] *****
0162 . S. DC-BC dcbc-153:DCBC
0163 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0164 . C.
0165 . C.
0166 . C. ; [ ] [ ]
0167 . C.
0168 . C. ***** LOS *****
0169 . C.

```

(a) Spacecraft Operation Procedure (real-commands)

```
main-902 2017-10-05 13:04:22 102 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YF¥ÖYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èø¿òÀø•µ°È»Í×ÁÇøÍYçYÁY×Yí;¼YÉ;ÈÈèµ•íÉ;ÈøÈ¼°ÇÒø•ø¿¼í¹çøÍ;çÁ®, ùø¹øÈøÈøÇÁ+¿®ø•øÈøøøø³øÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 +. DC 07-F0 MDP_XRT_CTRL_MANU
0020 BC (c1)
0021 + DC 07-F0 MDP_XRT_MODE_STBY
0022 BC (c3)
0023 . C. ----- Success Verify ? OK / NG_____
0024 C.
0025 C. XRT Obs. Table Upload
0026 . S. RAM ram-291:MDP_OBS_X
0027 ( )
0028 C.
0029 +. DC 07-F0 MDP_DUMP_XRTTBL
0030 BC (84 07 00 00 00 3a d4)
0031 . C. ----- Comparison Check ? OK / ERR _____
0032 C.
0033 C.
0034 +. DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 01 b1 b1 04 04)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 02 b1 b1 08 08)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 03 b1 b1 08 08)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 04 b1 b1 06 06)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 05 85 83 06 06)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 06 85 83 06 06)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 07 85 83 08 08)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 08 80 80 20 20)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 09 80 80 20 08)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0a 80 80 08 20)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0b 80 80 08 08)
0056 + DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 0f 80 80 06 06)
0058 + DC 07-F0 MDP_XRT_ROI_SET
0059 BC (cd 10 80 80 08 08)
0060 + DC 07-F0 MDP_XRT_FLD_ENA
0061 BC (d8)
0062 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0063 BC (c8)
0064 + DC 07-F0 MDP_XRT_ARS_DIS
0065 BC (d5)
0066 +. DC 07-F0 MDP_XRT_AEC_RESET
0067 BC (d0)
0068 +. DC 07-F0 MDP_XRT_FLD_RESET
0069 BC (da)
0070 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0071 BC (c4 04)
0072 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0073 BC (c5 0d)
0074 . C. ----- Success Verify ? OK / NG _____
0075 C.
0076 C.
0077 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0078 C.
0079 +. DC 07-F0 MDP_XRT_MODE_OBSV
0080 BC (c2)
0081 +. TI 2017-10-05 10:49:02.0
0082 DC 07-F0 MDP_XRT_MODE_OBSV
0083 BC (c2)
0084 . C. ----- Success Verify ? OK / NG _____
0085 C.
0086 C. ***** XRT END *****
0087 C.
0088 . C. ***** MDP 'úÁíøí»ø¼YøÈÁøø¹øÈDCBC•x²è *****
0089 C. (%á°íYÖYÁYÈY¥YáYçYèøÈ¼øø¼Á»Ûø¹øè)
0090 . S. DC-BC dcbc-402:DCBC
0091 (MDP_known_event)
0092 C.
0093 C.
0094 . C. ***** YÐY¹.İ Daily+¿ÍÑøÈ´Øø¹øÈDCBC•x²è *****
0095 . S. DC-BC dcbc-153:DCBC
```

```
0096 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0097 C.
0098 C.
0099 . C. ;äLOSŸÁŸSŸÄŸ-¼Ä»Û;ä
0100 C.
0101 . C. ***** LOS *****
0102 C.
```

*** OP Sequence for XRT ***

| | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----------------|--|--|
| 2017/10/05 | 10:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/10/05 | 10:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/10/05 | 10:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | |
| 2017/10/05 | 11:00:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 03 33 01 db | | |
| 2017/10/05 | 11:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2017/10/05 | 11:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2017/10/05 | 11:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2017/10/05 | 11:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2017/10/05 | 11:00:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2017/10/05 | 11:02:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/10/05 | 11:02:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/10/05 | 11:02:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2017/10/05 | 11:02:36.0 | XRT_PREFLR_STRT_449_OG [0x1c1] | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2017/10/05 | 11:02:56.0 | XRT_QT_PROG_SET_401_OG [0x191] | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 04 | | |
| 2017/10/05 | 11:02:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | |
| 2017/10/05 | 11:05:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/10/05 | 11:05:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2017/10/05 | 11:06:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2017/10/05 | 14:48:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/10/05 | 14:48:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/10/05 | 14:48:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2017/10/05 | 14:48:06.0 | XRT_PREFLR_STRT_449_OG [0x1c1] | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2017/10/05 | 14:51:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2017/10/05 | 14:57:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/10/05 | 14:58:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2017/10/05 | 16:22:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/10/05 | 16:22:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/10/05 | 16:22:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2017/10/05 | 16:22:06.0 | XRT_PREFLR_STRT_449_OG [0x1c1] | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2017/10/05 | 16:25:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2017/10/05 | 16:45:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/10/05 | 16:46:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2017/10/05 | 17:58:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/10/05 | 17:58:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/10/05 | 17:58:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2017/10/05 | 17:58:36.0 | XRT_PREFLR_STRT_449_OG [0x1c1] | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2017/10/05 | 18:01:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2017/10/05 | 18:21:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/10/05 | 18:21:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2017/10/05 | 18:21:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | |
| 2017/10/05 | 18:22:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | |
| 2017/10/05 | 18:22:18.0 | XRT_FLD_DIS_425_OG [0x1a9] | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | |
| 2017/10/05 | 18:24:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | |
| 2017/10/05 | 18:24:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2017/10/05 | 18:24:58.0 | XRT_QT_PROG_SET_413_OG [0x19d] | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | | |
| 2017/10/05 | 18:25:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2017/10/05 | 18:31:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |

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| 2017/10/05 | 18:31:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/05 | 18:31:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2017/10/05 | 18:32:00.0 | AOCS_ORe-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 01 03 33 01 db | |
| 2017/10/05 | 18:32:18.0 | XRT_FLD_ENA_421_OG [0x1a5] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2017/10/05 | 18:34:48.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2017/10/05 | 18:34:50.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2017/10/05 | 18:34:52.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2017/10/05 | 18:34:54.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/10/05 | 18:34:56.0 | XRT_QT_PROG_SET_434_OG [0x1b2] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 | |
| 2017/10/05 | 18:34:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | |
| 2017/10/05 | 18:35:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/10/05 | 19:35:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/05 | 19:35:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/05 | 19:35:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/10/05 | 19:35:36.0 | XRT_PREFLR_STRT_449_OG [0x1c1] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/10/05 | 19:38:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/10/05 | 19:59:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/10/05 | 20:00:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/10/05 | 21:13:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/05 | 21:13:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/05 | 21:13:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/10/05 | 21:13:06.0 | XRT_PREFLR_STRT_449_OG [0x1c1] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/10/05 | 21:16:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/10/05 | 21:36:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/10/05 | 21:37:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/10/05 | 22:50:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/05 | 22:50:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/05 | 22:50:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/10/05 | 22:50:36.0 | XRT_PREFLR_STRT_449_OG [0x1c1] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/10/05 | 22:53:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/10/05 | 23:11:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/10/05 | 23:12:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/10/06 | 00:27:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/06 | 00:27:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/06 | 00:27:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/10/06 | 00:27:36.0 | XRT_PREFLR_STRT_449_OG [0x1c1] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/10/06 | 00:30:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/10/06 | 00:31:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/06 | 00:31:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/06 | 00:31:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2017/10/06 | 00:32:00.0 | AOCS_ORe-point_Start_1_OG [0x097] | AOCU_NM | 5 | 02-76 | 04 03 33 01 db | |
| 2017/10/06 | 00:32:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2017/10/06 | 00:32:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2017/10/06 | 00:32:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2017/10/06 | 00:32:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2017/10/06 | 00:32:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/10/06 | 00:34:56.0 | XRT_QT_PROG_SET_446_OG [0x1be] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 10 | |
| 2017/10/06 | 00:34:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | |

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|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|
| 2017/10/06 | 00:35:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2017/10/06 | 00:36:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2017/10/06 | 01:51:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2017/10/06 | 01:51:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2017/10/06 | 01:51:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2017/10/06 | 01:51:36.0 | XRT_PREFLR_STRT_449_OG [0x1c1] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2017/10/06 | 01:54:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2017/10/06 | 02:04:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2017/10/06 | 02:04:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2017/10/06 | 02:04:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | |
| 2017/10/06 | 02:05:00.0 | AOCS_ORe-point_Start_4_OG [0x09a] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 03 33 01 db | | | |
| 2017/10/06 | 02:05:18.0 | XRT_FLD_DIS_428_OG [0x1ac] | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | |
| 2017/10/06 | 02:05:20.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | |
| 2017/10/06 | 02:05:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2017/10/06 | 02:05:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2017/10/06 | 02:05:26.0 | XRT_QT_PROG_SET_407_OG [0x197] | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0e | | | |
| 2017/10/06 | 02:05:28.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | |
| 2017/10/06 | 02:10:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2017/10/06 | 02:11:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2017/10/06 | 03:25:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2017/10/06 | 03:25:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2017/10/06 | 03:25:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | |
| 2017/10/06 | 03:26:00.0 | AOCS_ORe-point_Start_1_OG [0x097] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 03 33 01 db | | | |
| 2017/10/06 | 03:26:00.5 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2017/10/06 | 03:26:02.5 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2017/10/06 | 03:26:04.5 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2017/10/06 | 03:26:06.5 | XRT_PREFLR_STRT_449_OG [0x1c1] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2017/10/06 | 03:26:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2017/10/06 | 03:26:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2017/10/06 | 03:26:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2017/10/06 | 03:26:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2017/10/06 | 03:26:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2017/10/06 | 03:28:56.0 | XRT_QT_PROG_SET_446_OG [0x1be] | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 10 | | | |
| 2017/10/06 | 03:28:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | |
| 2017/10/06 | 03:29:14.5 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2017/10/06 | 03:47:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2017/10/06 | 03:48:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2017/10/06 | 04:56:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2017/10/06 | 04:56:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2017/10/06 | 04:56:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2017/10/06 | 04:56:06.0 | XRT_PREFLR_STRT_449_OG [0x1c1] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2017/10/06 | 04:59:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2017/10/06 | 05:24:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2017/10/06 | 05:25:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2017/10/06 | 05:52:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2017/10/06 | 05:52:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2017/10/06 | 05:52:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | |
| 2017/10/06 | 05:53:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | |
| 2017/10/06 | 05:53:18.0 | XRT_FLD_DIS_425_OG [0x1a9] | | | | | | |

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|------------|------------|-----------------------------------|---------------------------|---|-------|----------------|
| 2017/10/06 | 05:55:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2017/10/06 | 05:55:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2017/10/06 | 05:55:58.0 | XRT_QT_PROG_SET_413_OG [0x19d] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2017/10/06 | 05:56:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 |
| 2017/10/06 | 06:02:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/10/06 | 06:02:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/10/06 | 06:02:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/10/06 | 06:03:00.0 | AOCS_OrE-point_Start_1_OG [0x097] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2017/10/06 | 06:03:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 04 03 33 01 db |
| 2017/10/06 | 06:03:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2017/10/06 | 06:03:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2017/10/06 | 06:03:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2017/10/06 | 06:03:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2017/10/06 | 06:05:56.0 | XRT_QT_PROG_SET_446_OG [0x1be] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/10/06 | 06:05:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 10 |
| 2017/10/06 | 06:06:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d |
| 2017/10/06 | 06:36:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/10/06 | 06:36:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/10/06 | 06:36:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/10/06 | 06:36:36.0 | XRT_PREFLR_STRT_449_OG [0x1c1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/10/06 | 06:39:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/10/06 | 07:01:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/10/06 | 07:02:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | 1 | 07-F0 | c0 |
| 2017/10/06 | 07:29:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/10/06 | 07:29:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/10/06 | 07:29:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/10/06 | 07:30:00.0 | AOCS_OrE-point_Start_1_OG [0x097] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2017/10/06 | 07:30:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 04 03 33 01 db |
| 2017/10/06 | 07:30:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2017/10/06 | 07:30:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2017/10/06 | 07:30:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2017/10/06 | 07:30:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2017/10/06 | 07:32:56.0 | XRT_QT_PROG_SET_401_OG [0x191] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/10/06 | 07:32:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 04 |
| 2017/10/06 | 07:33:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d |
| 2017/10/06 | 08:16:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/10/06 | 08:16:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/10/06 | 08:16:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/10/06 | 08:16:36.0 | XRT_PREFLR_STRT_449_OG [0x1c1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/10/06 | 08:19:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/10/06 | 08:38:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/10/06 | 08:39:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | 1 | 07-F0 | c0 |
| 2017/10/06 | 09:56:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/10/06 | 09:56:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/10/06 | 09:56:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/10/06 | 09:56:36.0 | XRT_PREFLR_STRT_449_OG [0x1c1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/10/06 | 09:59:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/10/06 | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |

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|------------|------------|-----------------------------------|---|-------|----------------|
| 2017/10/06 | 10:13:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2017/10/06 | 10:14:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/10/06 | 10:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/10/06 | 10:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/10/06 | 10:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2017/10/06 | 11:00:00.0 | AOCS_OrE-point_Start_1_OG [0x097] | | | |
| | | AOCU_NM | 5 | 02-76 | 04 03 33 01 db |
| 2017/10/06 | 11:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2017/10/06 | 11:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2017/10/06 | 11:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2017/10/06 | 11:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2017/10/06 | 11:00:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/10/06 | 11:02:56.0 | XRT_QT_PROG_SET_401_OG [0x191] | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 04 |
| 2017/10/06 | 11:02:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d |
| 2017/10/06 | 11:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/10/06 | 15:21:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/10/06 | 15:21:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/10/06 | 15:21:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/10/06 | 15:21:06.0 | XRT_PREFLR_STRT_449_OG [0x1c1] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/10/06 | 15:24:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/10/06 | 15:34:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2017/10/06 | 15:35:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/10/06 | 15:43:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/10/06 | 15:43:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/10/06 | 15:43:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/10/06 | 15:43:06.0 | XRT_PREFLR_STRT_449_OG [0x1c1] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/10/06 | 15:43:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2017/10/06 | 15:44:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/10/06 | 15:46:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/10/06 | 16:56:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/10/06 | 16:56:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/10/06 | 16:56:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2017/10/06 | 16:56:36.0 | XRT_PREFLR_STRT_449_OG [0x1c1] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2017/10/06 | 16:59:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2017/10/06 | 17:20:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2017/10/06 | 17:21:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/10/06 | 17:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/10/06 | 17:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/10/06 | 17:59:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2017/10/06 | 18:00:00.0 | AOCS_OrE-point_Start_2_OG [0x098] | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2017/10/06 | 18:00:18.0 | XRT_FLD_DIS_425_OG [0x1a9] | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2017/10/06 | 18:02:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2017/10/06 | 18:02:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2017/10/06 | 18:02:58.0 | XRT_QT_PROG_SET_413_OG [0x19d] | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 |
| 2017/10/06 | 18:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2017/10/06 | 18:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/10/06 | 18:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2017/10/06 | 18:09:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2017/10/06 | 18:10:00.0 | AOCS_OrE-point_Start_3_OG [0x099] | | | |
| | | AOCU_NM | 5 | 02-76 | 01 03 33 01 db |
| 2017/10/06 | 18:10:18.0 | XRT_FLD_ENA_421_OG [0x1a5] | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|----|
| 2017/10/06 | 18:12:48.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| | | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2017/10/06 | 18:12:50.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2017/10/06 | 18:12:52.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2017/10/06 | 18:12:54.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/10/06 | 18:12:56.0 | XRT_QT_PROG_SET_434_OG [0x1b2] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 12 |
| 2017/10/06 | 18:12:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d |
| 2017/10/06 | 18:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/10/06 | 18:34:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/06 | 18:34:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/06 | 18:34:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/10/06 | 18:34:06.0 | XRT_PREFLR_STRT_449_OG [0x1c1] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/10/06 | 18:37:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/10/06 | 18:57:01.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/10/06 | 18:58:01.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/10/06 | 20:10:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/06 | 20:10:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/06 | 20:10:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/10/06 | 20:10:36.0 | XRT_PREFLR_STRT_449_OG [0x1c1] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/10/06 | 20:13:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/10/06 | 20:34:01.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/10/06 | 20:35:01.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/10/06 | 21:48:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/06 | 21:48:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/06 | 21:48:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/10/06 | 21:48:06.0 | XRT_PREFLR_STRT_449_OG [0x1c1] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/10/06 | 21:51:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/10/06 | 22:10:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/10/06 | 22:11:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/10/06 | 23:25:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/06 | 23:25:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/06 | 23:25:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/10/06 | 23:25:36.0 | XRT_PREFLR_STRT_449_OG [0x1c1] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/10/06 | 23:28:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/10/06 | 23:42:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/10/06 | 23:43:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/10/07 | 01:00:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/07 | 01:00:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/07 | 01:00:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/10/07 | 01:00:36.0 | XRT_PREFLR_STRT_449_OG [0x1c1] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/10/07 | 01:03:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/10/07 | 01:09:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2017/10/07 | 01:10:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/10/07 | 02:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/07 | 02:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/07 | 02:09:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2017/10/07 | 02:10:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | AOCU_NM | 5 | 02-76 | 04 03 33 01 db | |
| 2017/10/07 | 02:10:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2017/10/07 | 02:10:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2017/10/07 | 02:10:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----|----|----|----|----|
| 2017/10/07 | 02:10:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2017/10/07 | 02:10:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/10/07 | 02:12:56.0 | XRT_QT_PROG_SET_446_OG [0x1be] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 10 | | | |
| 2017/10/07 | 02:12:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d | | | |
| 2017/10/07 | 02:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/10/07 | 02:25:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/10/07 | 02:25:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/10/07 | 02:25:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/10/07 | 02:25:06.0 | XRT_PREFLR_STRT_449_OG [0x1c1] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/10/07 | 02:28:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/10/07 | 02:45:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2017/10/07 | 02:46:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/10/07 | 03:55:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/10/07 | 03:55:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/10/07 | 03:55:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/10/07 | 03:55:06.0 | XRT_PREFLR_STRT_449_OG [0x1c1] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/10/07 | 03:58:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/10/07 | 04:22:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2017/10/07 | 04:23:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/10/07 | 05:32:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/10/07 | 05:32:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/10/07 | 05:32:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/10/07 | 05:32:06.0 | XRT_PREFLR_STRT_449_OG [0x1c1] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2017/10/07 | 05:35:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2017/10/07 | 05:59:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2017/10/07 | 06:00:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/10/07 | 06:08:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/10/07 | 06:08:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/10/07 | 06:08:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2017/10/07 | 06:09:00.5 | AOCS_Ore-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| 2017/10/07 | 06:09:18.0 | XRT_FLD_DIS_425_OG [0x1a9] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2017/10/07 | 06:11:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2017/10/07 | 06:11:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2017/10/07 | 06:11:58.0 | XRT_QT_PROG_SET_426_OG [0x1aa] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 05 | | | |
| 2017/10/07 | 06:12:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/10/07 | 06:18:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/10/07 | 06:18:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2017/10/07 | 06:18:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2017/10/07 | 06:19:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | AOCU_NM | 5 | 02-76 | 04 | 03 | 33 | 01 | db |
| 2017/10/07 | 06:19:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2017/10/07 | 06:19:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2017/10/07 | 06:19:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2017/10/07 | 06:19:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2017/10/07 | 06:19:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2017/10/07 | 06:21:56.0 | XRT_QT_PROG_SET_446_OG [0x1be] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 10 | | | |
| 2017/10/07 | 06:21:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d | | | |
| 2017/10/07 | 06:22:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2017/10/07 | 07:12:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |

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|------------|------------|-----------------------------------|---------------------------|---|-------|----------------|--|
| 2017/10/07 | 07:12:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/07 | 07:12:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/07 | 07:12:36.0 | XRT_PREFLR_STRT_449_OG [0x1c1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/10/07 | 07:15:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/10/07 | 07:29:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/10/07 | 07:29:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/07 | 07:29:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/07 | 07:30:00.0 | AOCS_Ore-point_Start_5_OG [0x09b] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2017/10/07 | 07:30:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 03 03 33 01 db | |
| 2017/10/07 | 07:30:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2017/10/07 | 07:30:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2017/10/07 | 07:30:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2017/10/07 | 07:30:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2017/10/07 | 07:32:56.0 | XRT_QT_PROG_SET_401_OG [0x191] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/10/07 | 07:32:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 04 | |
| 2017/10/07 | 07:36:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | |
| 2017/10/07 | 07:37:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | | | | |
| 2017/10/07 | 08:52:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/10/07 | 08:52:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/07 | 08:52:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/07 | 08:52:06.0 | XRT_PREFLR_STRT_449_OG [0x1c1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2017/10/07 | 08:55:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2017/10/07 | 09:13:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2017/10/07 | 09:14:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | | | | |
| 2017/10/07 | 10:30:00.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2017/10/07 | 10:30:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/07 | 10:30:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2017/10/07 | 11:37:00.5 | AOCS_ORe-point_Start_2_OG [0x098] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| | | AOCU_NM | | 5 | 02-76 | 00 00 00 00 00 | |