

XRT Timeline to be uploaded on 2019/08/10

Period: 2019/08/10 10:06:00 - 2019/08/15 11:03:00

* * * * *

Normal mode

* * * * *

| XOB #1BC7: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 1st Quadrant - Al/mesh(2048ms), Al/Poly(4096ms) - w leak image-1ms | | | | | | | | | | | | |
|---|-------------------------|----------------|-------|------|-------|-------|--|-----|--------------------|--------------|-------|---------------------|
| Term | Pointing (x, y) | | | | | | Comment | | | | | |
| 08/11 12:33:00 - 08/11 12:39:54 | Fixed (-528.4, -528.4) | | | | | | # XRT post-bakeout quadrant pointing 1/4 | | | | | |
| PROG= 05 1-time(s) | | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 51 1-time(s) 2.0sec | | | | | | | | | | | | |
| | Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 1024x1024 | (1536, 1536) | Q=90 | 0 0 2.0sec |
| | Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 1024x1024 | (1536, 1536) | Q=90 | 0 0 2.0sec |
| | Open/thick-Be | Open/thick-Be | close | Safe | Dark | 1ms | Obs | 1x1 | 1024x1024 | (1536, 1536) | Q=98 | 0 0 2.0sec |
| | Open/thick-Be | Open/thick-Be | close | Safe | Dark | 1ms | Obs | 1x1 | 1024x1024 | (1536, 1536) | Q=98 | 0 0 2.0sec |
| └─ Subr= 2 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 3 2-time(s) 2.0sec | | | | | | | | | | | | |
| | Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 2.00s | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=95 | 0 0 2.0sec |
| | Al-poly/Open | Al-poly/Open | close | Safe | Norm | 4.00s | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=95 | 0 0 2.0sec |
| └─ Subr= 3 2-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 34 1-time(s) 2.0sec | | | | | | | | | | | | |
| | Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 2048x2048 | (1024, 1024) | Q=90 | 0 0 2.0sec |
| | Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 2048x2048 | (1024, 1024) | Q=95 | 0 0 2.0sec |
| | Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | | Comp. | AEC Buffer Interval |

| XOB #1BC8: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 2nd Quadrant - Al/mesh (2048ms), Al/Poly (4096ms) - w leak image-1 ms | | | | | | | | | | | | |
|--|------------------------|----------------|-------|------|-------|-------|---------|-----|--------------------|--------------|-------|---------------------|
| Term | Pointing (x, y) | | | | | | Comment | | | | | |
| 08/11 12:43:00 - 08/11 12:49:54 | Fixed (528.4, -528.4) | | | | | | # 2/4 | | | | | |
| PROG= 04 1-time(s) | | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 38 1-time(s) 2.0sec | | | | | | | | | | | | |
| | Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 1024x1024 | (512, 1536) | Q=90 | 0 0 2.0sec |
| | Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 1024x1024 | (512, 1536) | Q=90 | 0 0 2.0sec |
| | Open/thick-Be | Open/thick-Be | close | Safe | Dark | 1ms | Obs | 1x1 | 1024x1024 | (512, 1536) | Q=98 | 0 0 2.0sec |
| | Open/thick-Be | Open/thick-Be | close | Safe | Dark | 1ms | Obs | 1x1 | 1024x1024 | (512, 1536) | Q=98 | 0 0 2.0sec |
| └─ Subr= 2 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 3 2-time(s) 2.0sec | | | | | | | | | | | | |
| | Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 2.00s | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=95 | 0 0 2.0sec |
| | Al-poly/Open | Al-poly/Open | close | Safe | Norm | 4.00s | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=95 | 0 0 2.0sec |
| └─ Subr= 3 2-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 34 1-time(s) 2.0sec | | | | | | | | | | | | |
| | Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 2048x2048 | (1024, 1024) | Q=90 | 0 0 2.0sec |
| | Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 2048x2048 | (1024, 1024) | Q=95 | 0 0 2.0sec |
| | Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | | Comp. | AEC Buffer Interval |

| XOB #1BC9: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 3rd Quadrant - Al/mesh (2048ms), Al/Poly (4096ms) - w leak image-1 ms | | | | | | | | | | | | |
|--|-----------------------|----------------|-------|------|-------|-------|---------|-----|--------------------|--------------|-------|---------------------|
| Term | Pointing (x, y) | | | | | | Comment | | | | | |
| 08/11 12:53:05 - 08/11 12:59:54 | Fixed (528.4, 528.4) | | | | | | # 3/4 | | | | | |
| PROG= 01 1-time(s) | | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 21 1-time(s) 2.0sec | | | | | | | | | | | | |
| | Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 1024x1024 | (512, 512) | Q=90 | 0 0 2.0sec |
| | Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 1024x1024 | (512, 512) | Q=90 | 0 0 2.0sec |
| | Open/thick-Be | Open/thick-Be | close | Safe | Dark | 1ms | Obs | 1x1 | 1024x1024 | (512, 512) | Q=98 | 0 0 2.0sec |
| | Open/thick-Be | Open/thick-Be | close | Safe | Dark | 1ms | Obs | 1x1 | 1024x1024 | (512, 512) | Q=98 | 0 0 2.0sec |
| └─ Subr= 2 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 3 2-time(s) 2.0sec | | | | | | | | | | | | |
| | Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 2.00s | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=95 | 0 0 2.0sec |
| | Al-poly/Open | Al-poly/Open | close | Safe | Norm | 4.00s | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=95 | 0 0 2.0sec |
| └─ Subr= 3 2-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 34 1-time(s) 2.0sec | | | | | | | | | | | | |
| | Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 2048x2048 | (1024, 1024) | Q=90 | 0 0 2.0sec |
| | Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 2048x2048 | (1024, 1024) | Q=95 | 0 0 2.0sec |
| | Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | | Comp. | AEC Buffer Interval |

| XOB #1BCA: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 4th Quadrant - Al/mesh (2048ms), Al/Poly (4096ms) - w leak image-1 ms | | | | | | | | | | | | |
|--|------------------------|---------------|-------|------|------|-----|---------|-----|-----------|-------------|------|------------|
| Term | Pointing (x, y) | | | | | | Comment | | | | | |
| 08/11 13:03:00 - 08/11 13:09:54 | Fixed (-528.4, 528.4) | | | | | | # 4/4 | | | | | |
| PROG= 20 1-time(s) | | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 14 1-time(s) 2.0sec | | | | | | | | | | | | |
| | Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 1024x1024 | (1536, 512) | Q=90 | 0 0 2.0sec |
| | Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 1024x1024 | (1536, 512) | Q=90 | 0 0 2.0sec |
| | Open/thick-Be | Open/thick-Be | close | Safe | Dark | 1ms | Obs | 1x1 | 1024x1024 | (1536, 512) | Q=98 | 0 0 2.0sec |
| | Open/thick-Be | Open/thick-Be | close | Safe | Dark | 1ms | Obs | 1x1 | 1024x1024 | (1536, 512) | Q=98 | 0 0 2.0sec |
| └─ Subr= 2 1-time(s) 2.0sec | | | | | | | | | | | | |

| Term | Pointing (x, y) | Comment |
|---------------------------------|------------------------|--|
| 08/12 03:16:00 - 08/12 05:39:54 | Fixed (0.0, 0.0) | # HOP 349 + synoptic, shifted. |
| 08/13 03:50:30 - 08/13 04:47:30 | Fixed (0.0, 0.0) | # HOP 349 + synoptic |
| PROG= 09 Inf.-time(s) | | |
| Subr= 1 1-time(s) 300.0sec | | |
| Seqn= 78 1-time(s) 2.0sec | | |
| Open/Al-mesh | Open/Al-mesh close | Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec |
| Open/Al-mesh | Open/Al-mesh close | Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec |
| Open/Al-mesh | Open/Al-mesh close | Safe Norm 5.66s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec |
| Seqn= 91 1-time(s) 2.0sec | | |
| Al-poly/Open | Al-poly/Open close | Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec |
| Al-poly/Open | Al-poly/thick-Al close | Safe Norm 5.66s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec |
| Al-poly/Open | Al-poly/Open close | Safe Norm 11.3s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec |
| Seqn= 56 1-time(s) 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 16.0s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec |
| thin-Be/Open | thin-Be/Open close | Safe Norm 32.0s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec |
| Seqn= 81 1-time(s) 2.0sec | | |
| Open/G-band | Open/G-band open | Safe Norm 1ms Obs 1x1 1024x1024 (1536, 1536) Q=90 0 0 2.0sec |
| Open/G-band | Open/G-band close | Safe Norm 1ms Obs 1x1 1024x1024 (1536, 1536) Q=95 0 0 2.0sec |
| Subr= 2 5-time(s) 420.0sec | | |
| 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 |
| Seqn= 29 1-time(s) 2.0sec | | |
| Open/Al-mesh | Open/Al-mesh close | Safe Norm 125ms Obs 4x4 2048x2048 (1024, 1024) Q=98 3 0 2.0sec |
| Open/Al-mesh | Open/Al-mesh close | Safe Norm 250ms Obs 4x4 2048x2048 (1024, 1024) Q=98 2 0 2.0sec |
| Default Filter | Thicker Filter | VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval |

| Term | Pointing (x, y) | Comment |
|---|-----------------------|----------------------|
| XOB #1C58: HOP314 Synoptic Loop Q95 2x2 - Al/Poly(512/5795/32768) - Al/mesh(512/2048/32768) - G-Band | | |
| 08/12 06:33:00 - 08/12 08:29:54 | Fixed (-20.0, 896.0) | # HOP 314 (Akatsuki) |
| 08/13 05:53:00 - 08/13 08:08:00 | Fixed (-20.0, 896.0) | # HOP 314 (Akatsuki) |

| Term | Pointing (x, y) | Comment |
|------------------------------|------------------------|--|
| PROG= 19 Inf.-time(s) | | |
| Subr= 1 1-time(s) 1800.0sec | | |
| Seqn= 49 1-time(s) 2.0sec | | |
| Al-poly/Open | Al-poly/Open close | Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec |
| Al-poly/Open | Al-poly/thick-Al close | Safe Norm 5.66s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec |
| Al-poly/Open | Al-poly/Open close | Safe Norm 32.0s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec |
| Seqn= 89 1-time(s) 2.0sec | | |
| Open/Al-mesh | Open/Al-mesh close | Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec |
| Open/Al-mesh | Open/Al-mesh close | Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec |
| Open/Al-mesh | Open/Al-mesh close | Safe Norm 32.0s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec |
| Seqn= 23 1-time(s) 2.0sec | | |
| Open/G-band | Open/G-band open | Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=90 0 0 2.0sec |
| Open/G-band | Open/G-band close | Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec |
| Default Filter | Thicker Filter | VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval |

XOB #1B97: 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 last)

| Term | Pointing (x, y) | Comment |
|---------------------------------|---|--|
| 08/12 08:33:00 - 08/12 17:38:00 | Track (-20.0, -34.1) ^{08/12 08:30:00} | # HOP 382 (Gregor) until 11:30. Also EIS sensitivity monitoring. |

| Term | Pointing (x, y) | Comment |
|------------------------------|--------------------|--|
| PROG= 15 Inf.-time(s) | | |
| Subr= 1 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 |
| Subr= 2 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 |
| Default Filter | Thicker Filter | VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval |

XOB #1C56: Synoptic 7 Filter w/ Al-mesh(512/2048/5795), Al-poly(512/5795/11571), Thin-Be(3897/16384/32768) - Thick-Be(65536), Al-poly+Ti-poly(4096/2314)

| Term | Pointing (x, y) | Comment |
|---------------------------------|-------------------|-----------------------------|
| 08/12 18:18:00 - 08/12 21:26:54 | Fixed (0.0, 0.0) | synoptic, shifted 15.0 min. |

| Term | Pointing (x, y) | Comment |
|---------------------------|---------------------|--|
| PROG= 14 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= 78 | | 1-time(s) | 2.0sec | | | | | | | | | |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 500ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 2.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 5.66s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 91 | | 1-time(s) | 2.0sec | | | | | | | | | |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 500ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Al-poly/Open | Al-poly/thick-Al | close | Safe | Norm | 5.66s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 11.3s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 52 | | 1-time(s) | 2.0sec | | | | | | | | | |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 2.83s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 16.0s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 32.0s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 23 | | 1-time(s) | 4.0sec | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 2048x2048 (1024, 1024) | Q=90 | 0 | 0 | 2.0sec |
| Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Subr= 2 | | 1-time(s) | 2.0sec | | | | | | | | | |
| Seqn= 46 | | 1-time(s) | 2.0sec | | | | | | | | | |
| Open/thick-Be | Open/thick-Be | close | Safe | Norm | 64.0s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Seqn= 17 | | 1-time(s) | 2.0sec | | | | | | | | | |
| med-Al/Open | med-Al/Open | close | Safe | Norm | 5.66s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| med-Al/Open | med-Al/Open | close | Safe | Norm | 64.0s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Seqn= 97 | | 1-time(s) | 2.0sec | | | | | | | | | |
| Al-poly/Ti-poly | Al-poly/thick-Al | close | Safe | Norm | 4.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Al-poly/Ti-poly | Al-poly/thick-Al | close | Safe | Norm | 22.6s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

* * * * *

Flare mode

* * * * *

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

| Term | Pointing (x, y) | Comment |
|---------------------------------|--|--|
| 08/11 13:23:00 - 08/11 18:41:00 | Fixed (-20.0, -954.0) | # HOP 81 |
| 08/11 19:33:00 - 08/11 23:36:00 | Fixed (900.0, 0.0) | # HOP 378 (Hida) West limb. |
| 08/12 00:03:00 - 08/12 02:44:30 | Fixed (0.0, -900.0) | # HOP 378 (Hida) South Pole. |
| 08/12 03:16:00 - 08/12 05:39:54 | Fixed (0.0, 0.0) | # HOP 349 + synoptic, shifted. |
| 08/12 08:33:00 - 08/12 17:38:00 | Track (-20.0, -34.1) @ 08/12 08:30:00 | # HOP 382 (Gregor) until 11:30. Also EIS sensitivity monitoring. |
| 08/12 21:30:00 - 08/13 00:11:30 | Fixed (0.0, 900.0) | # HOP 378 (Hida) North Pole. |
| 08/13 00:35:00 - 08/13 03:19:00 | Fixed (630.0, 630.0) | # HOP 378 (Hida) NW limb. |
| 08/13 03:50:30 - 08/13 04:47:30 | Fixed (0.0, 0.0) | # HOP 349 + synoptic |

PROG= 13 30-time(s)

| | | | | | | | | | | | | |
|-----------------|------------------|-------------------|----------------|-------|-------|-----|-----|----------------------|-------|------------|----------|--------|
| Subr= 1 | | 20-time(s) | 2.0sec | | | | | | | | | |
| Seqn= 11 | | 1-time(s) | 2.0sec | | | | | | | | | |
| Al-poly/Open | Al-poly/thick-Al | close | Safe | Norm | 125ms | Obs | 2x2 | 512x512 (1024, 1024) | Q=95 | 2 | 0 | 2.0sec |
| Seqn=100 | | 1-time(s) | 10.0sec | | | | | | | | | |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 125ms | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 2 | 0 | 2.0sec |
| med-Be/Open | Open/thick-Al | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 3 | 0 | 2.0sec |
| Open/thick-Al | Open/thick-Be | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 3 | 0 | 2.0sec |
| Subr= 2 | | 1-time(s) | 2.0sec | | | | | | | | | |
| Seqn= 10 | | 1-time(s) | 2.0sec | | | | | | | | | |
| med-Al/Open | med-Al/thick-Al | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 3 | 0 | 2.0sec |
| Open/thick-Be | Open/thick-Be | close | Safe | Norm | 2.00s | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 3 | 0 | 2.0sec |
| Seqn= 11 | | 1-time(s) | 2.0sec | | | | | | | | | |
| Al-poly/Open | Al-poly/thick-Al | close | Safe | Norm | 125ms | Obs | 2x2 | 512x512 (1024, 1024) | Q=95 | 2 | 0 | 2.0sec |
| Seqn= 87 | | 1-time(s) | 2.0sec | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Open/thick-Al | Open/thick-Al | close | Safe | Dark | 1.00s | Obs | 1x1 | 384x384 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Open/thick-Al | Open/thick-Al | close | Safe | Dark | 1.00s | Obs | 2x2 | 512x512 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

* * * * *

Active Region Search

* * * * *

NOT USED

* * * * *

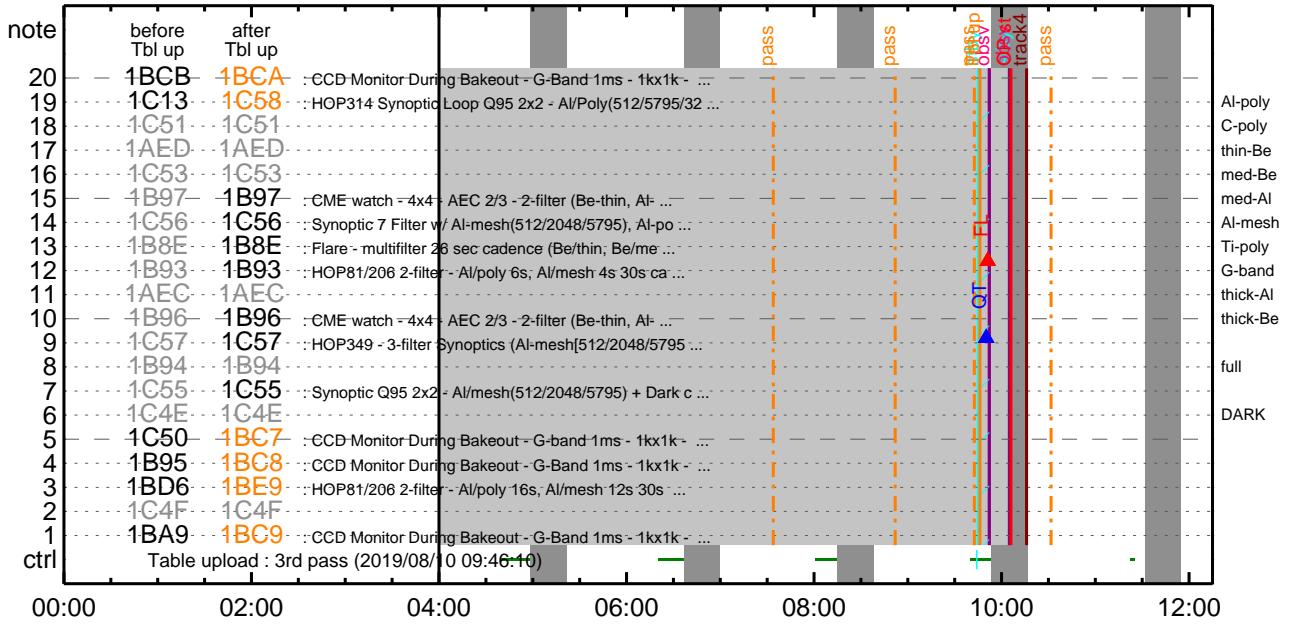
Flare Detection

* * * * *

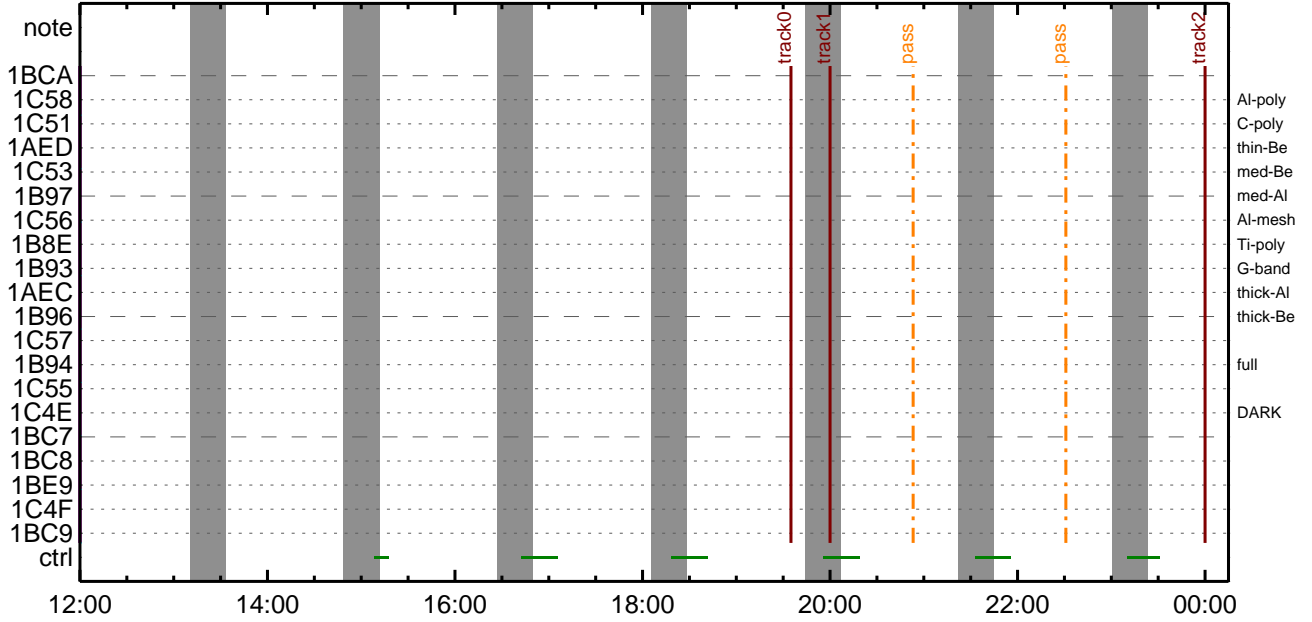
FLD Patrol

| Term | Pointing (x, y) | Comment | | | | | | | | | |
|---------------------------------|--|--|------|-------|------|-----|-----|--------------------|-------|------------|----------|
| 08/11 13:20:16 - 08/11 19:20:18 | Fixed (-20.0, -954.0) | # HOP 81 | | | | | | | | | |
| 08/11 19:30:16 - 08/12 05:40:18 | Fixed (900.0, 0.0) | # HOP 378 (Hida) West limb. | | | | | | | | | |
| 08/12 08:30:18 - 08/12 18:15:18 | Track (-20.0, -34.1) @ 08/12 08:30:00 | # HOP 382 (Gregor) until 11:30. Also EIS sensitivity monitoring. | | | | | | | | | |
| 08/12 21:27:16 - 08/13 05:40:18 | Fixed (0.0, 900.0) | # HOP 378 (Hida) North Pole. | | | | | | | | | |
| 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 |

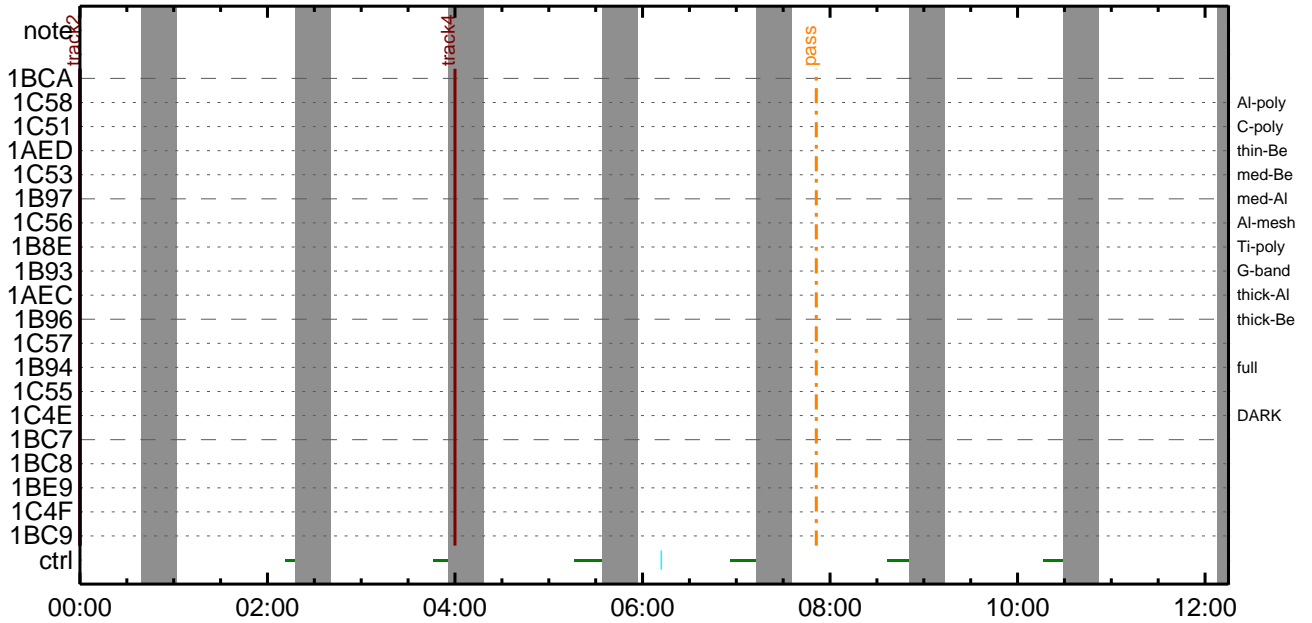
CMDI #0403 2019/08/10



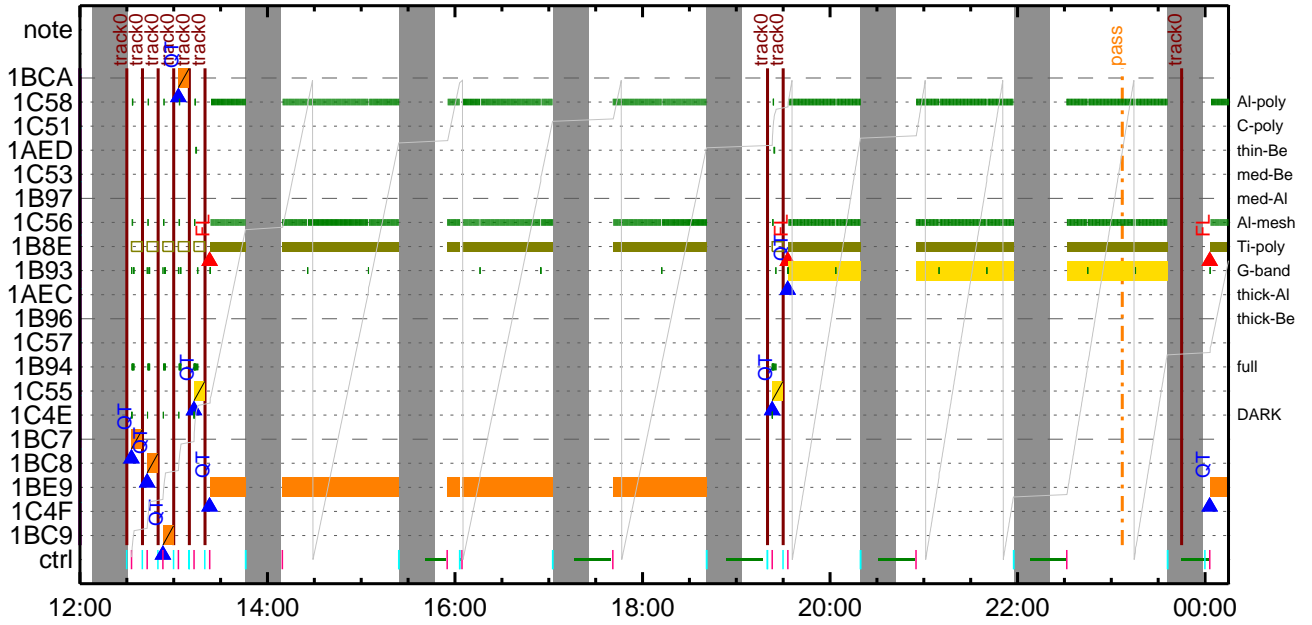
CMDI #0403 2019/08/10



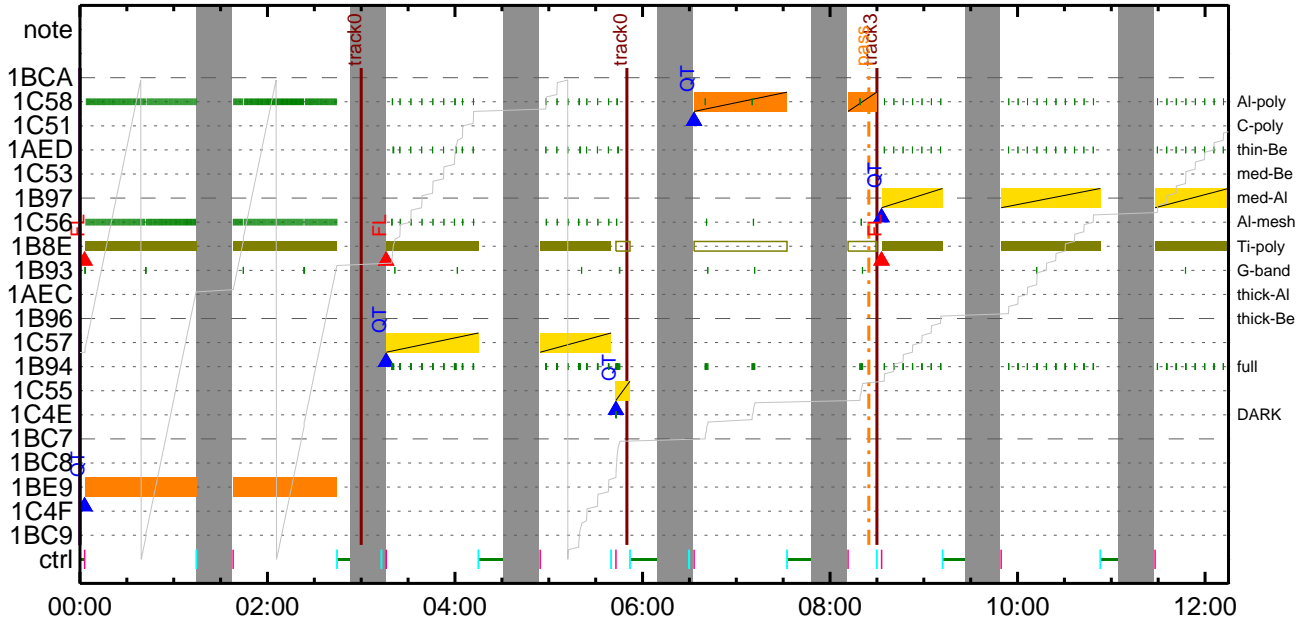
CMDI #0403 2019/08/11



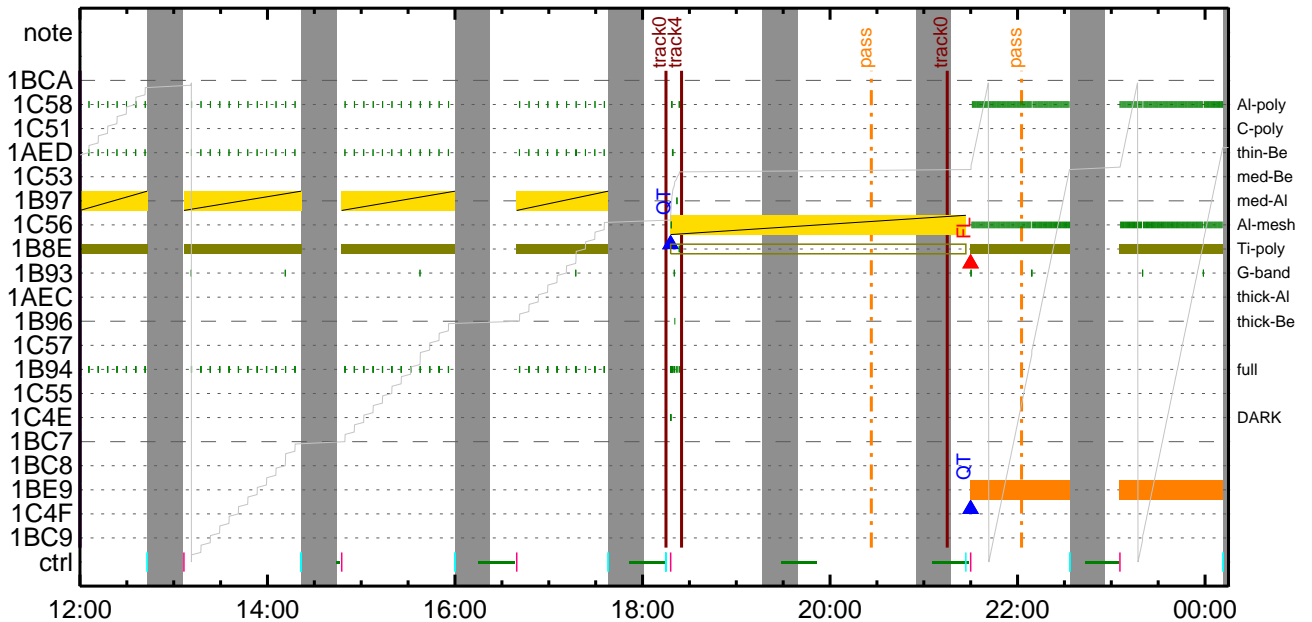
CMDI #0403 2019/08/11



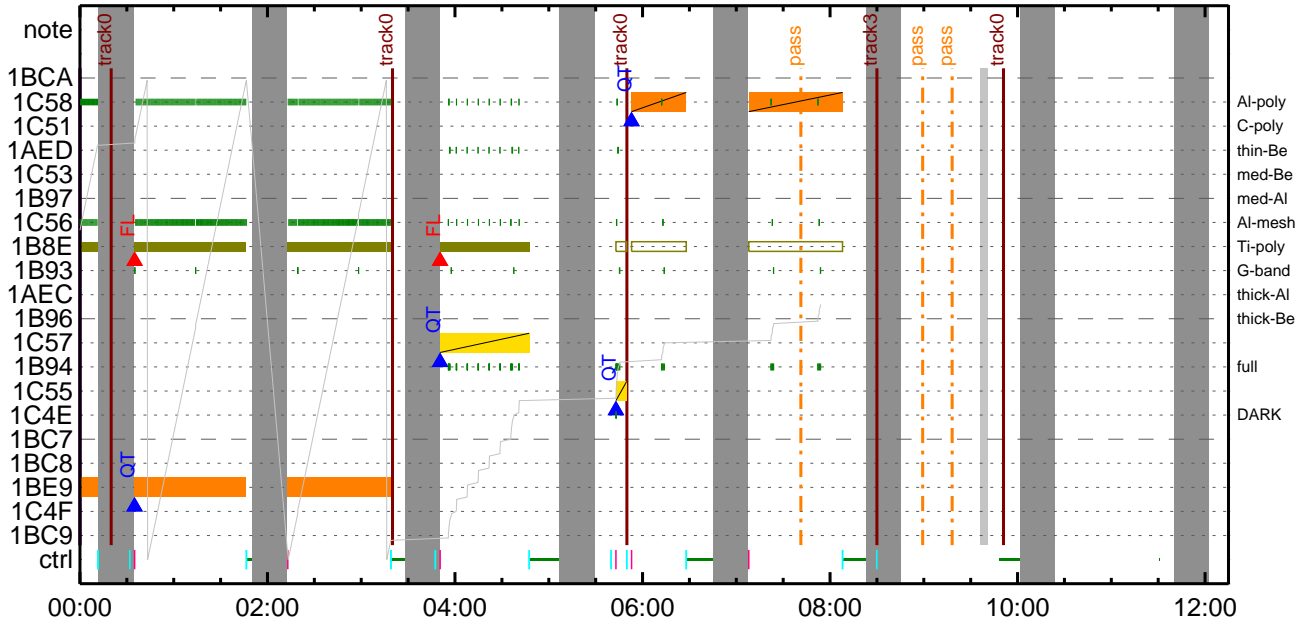
CMDI #0403 2019/08/12



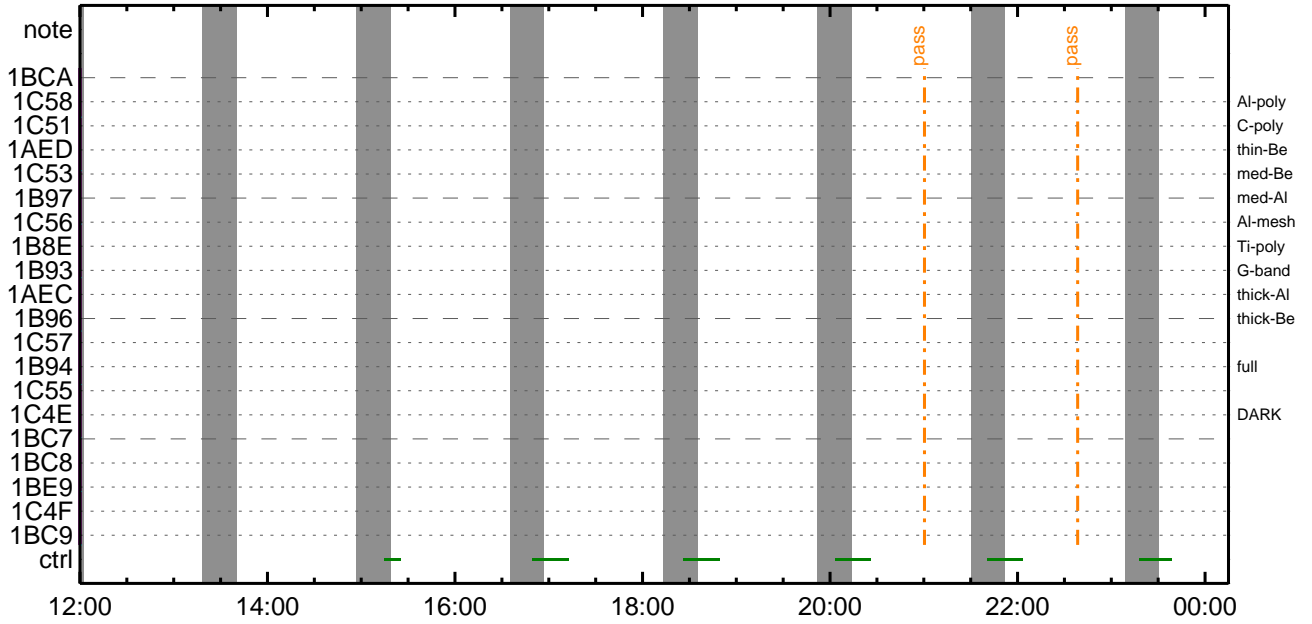
CMDI #0403 2019/08/12



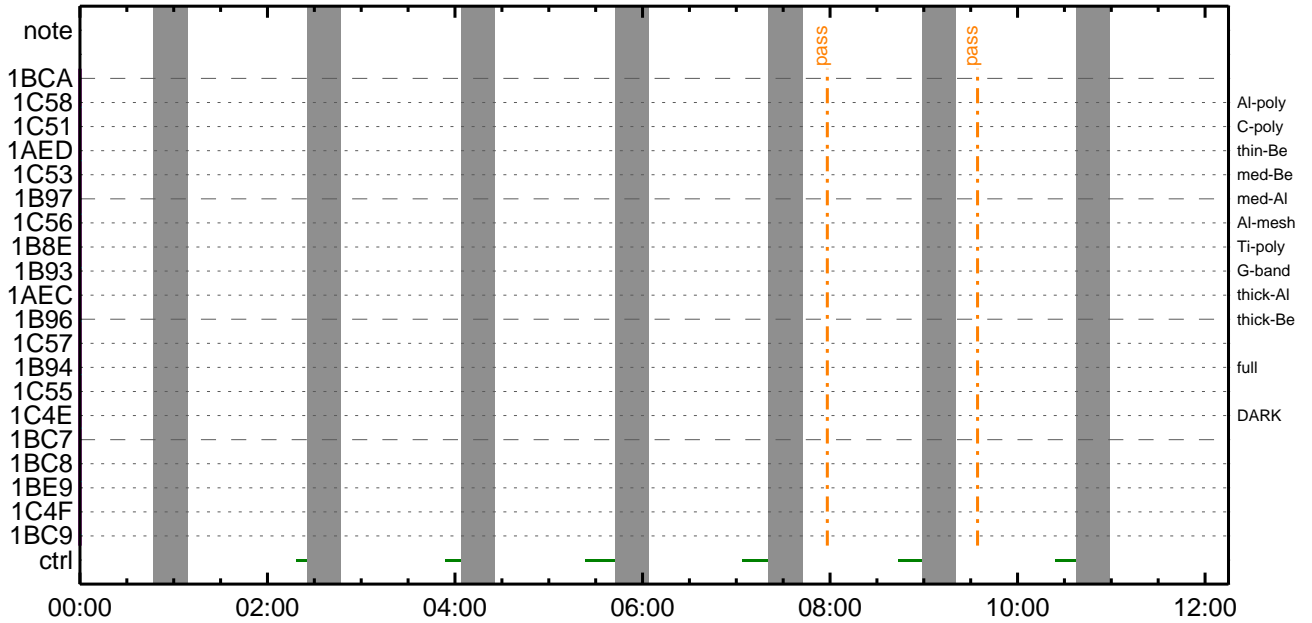
CMDI #0403 2019/08/13



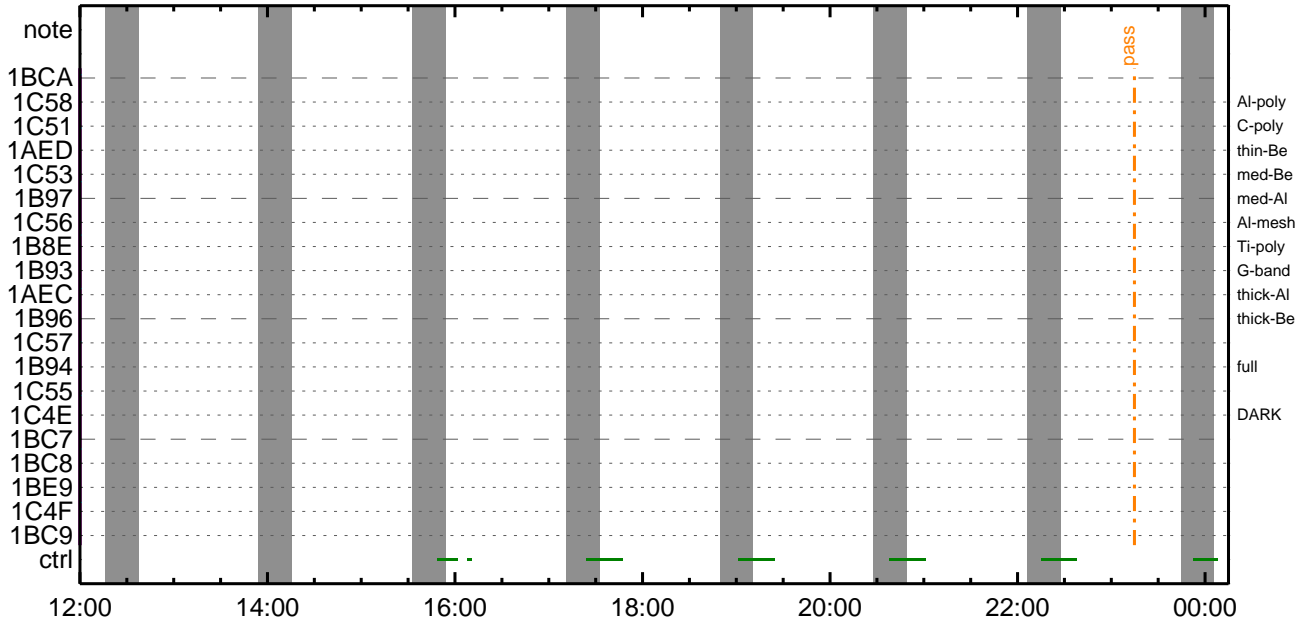
CMDI #0403 2019/08/13



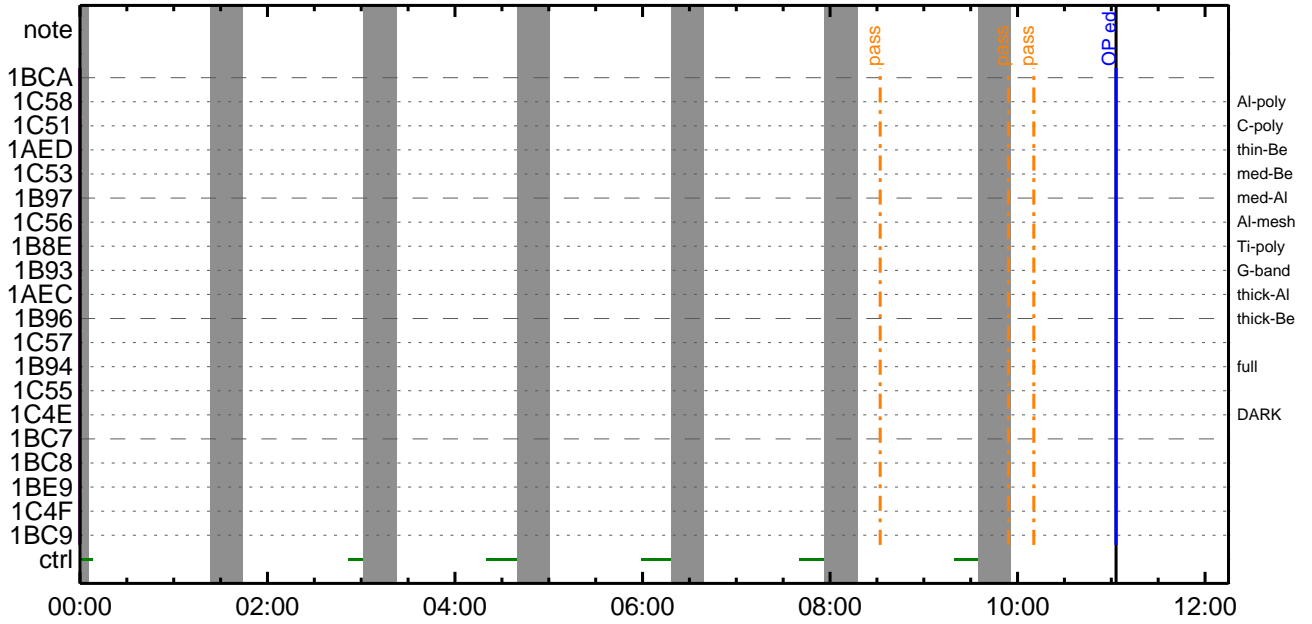
CMDI #0403 2019/08/14



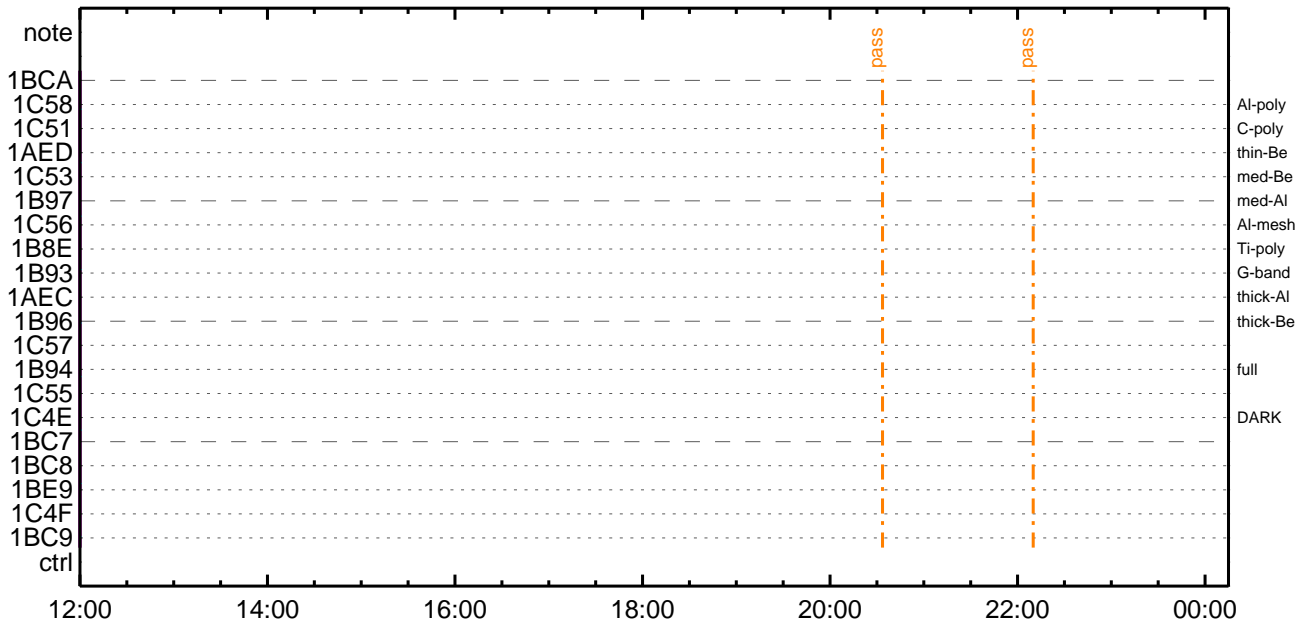
CMDI #0403 2019/08/14



CMDI #0403 2019/08/15



CMDI #0403 2019/08/15




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


(a) Spacecraft Operation Procedure (real-commands)

```
main-274 2019-08-10 11:45:33 136 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°ÇÓ••¿¼l¹¿ãÍ;çÀ®, ùã¹ãÈãÈãÇÁ+¿®••Èããã³ãÈ;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-282: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 2019-08-10 10:05:18.0
0040 DC 07-F0 MDP_SOT_MODE_OBSV
0041 BC (40)
0042 . C. -----
0043 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0044 C. -----
0045 C.
0046 C.
0047 C. ***** XRT START *****
0048 C.
0049 +. DC 07-F0 MDP_XRT_CTRL_MANU
0050 BC (c1)
0051 + DC 07-F0 MDP_XRT_MODE_STBY
0052 BC (c3)
0053 . C. ----- Success Verify ? OK / NG_____
0054 C.
0055 C. XRT Obs. Table Upload
0056 . S. RAM ram-291:MDP_OBS_X
0057 ( )
0058 C.
0059 +. DC 07-F0 MDP_DUMP_XRTTBL
0060 BC (84 07 00 00 00 3a d4)
0061 . C. ----- Comparison Check ? OK / ERR _____
0062 C.
0063 C.
0064 +. DC 07-F0 MDP_XRT_ROI_SET
0065 BC (cd 01 b1 b1 04 04)
0066 + DC 07-F0 MDP_XRT_ROI_SET
0067 BC (cd 02 b1 b1 08 08)
0068 + DC 07-F0 MDP_XRT_ROI_SET
0069 BC (cd 03 b1 b1 08 08)
0070 + DC 07-F0 MDP_XRT_ROI_SET
0071 BC (cd 04 b1 b1 06 06)
0072 + DC 07-F0 MDP_XRT_ROI_SET
0073 BC (cd 06 80 80 08 08)
0074 + DC 07-F0 MDP_XRT_ROI_SET
0075 BC (cd 07 80 80 20 20)
0076 + DC 07-F0 MDP_XRT_ROI_SET
0077 BC (cd 08 c0 c0 10 10)
0078 + DC 07-F0 MDP_XRT_ROI_SET
0079 BC (cd 09 40 c0 10 10)
0080 + DC 07-F0 MDP_XRT_ROI_SET
0081 BC (cd 0a 40 40 10 10)
0082 + DC 07-F0 MDP_XRT_ROI_SET
0083 BC (cd 0b c0 40 10 10)
0084 + DC 07-F0 MDP_XRT_ROI_SET
0085 BC (cd 0c 80 80 20 08)
0086 + DC 07-F0 MDP_XRT_ROI_SET
0087 BC (cd 0d 80 80 08 20)
0088 + DC 07-F0 MDP_XRT_ROI_SET
0089 BC (cd 0e 85 83 06 06)
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_DIS
0095 BC (d9)
```

```
0096 + DC 07-F0 MDP_XRT_FLRCTRL_DIS
0097 BC (c9)
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 0a)
0106 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0107 BC (c5 0d)
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 2019-08-10 10:05:02.0
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»ö¼ÝñÊÄðñ¹ñèDCBC•x²è *****
0123 C. (%ã°îÿÓÿÄÿÈÿÞÿËÿÀÿÇÿÈñ¼ññ¼Ä»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§ÿÄÿÿ-¼Ä»Û;ä
0134 C.
0135 . C. ***** LOS *****
0136 C.
```

*** OP Sequence for XRT ***

| | | | | | | | | | |
|------------|------------|---|---|-------|----|----|----|----|----|
| 2019/08/10 | 10:16:00.0 | AOCS_ORe-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 | 00 | 00 | 00 | 00 |
| 2019/08/10 | 19:35:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| 2019/08/10 | 20:00:00.0 | AOCS_ORe-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 01 | 00 | 00 | 00 | 00 |
| 2019/08/11 | 00:00:00.0 | AOCS_ORe-point_Start_4_OG [0x09a] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 | 00 | 00 | 00 | 00 |
| 2019/08/11 | 04:00:00.0 | AOCS_ORe-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 | 00 | 00 | 00 | 00 |
| 2019/08/11 | 06:12:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/11 | 06:12:02.0 | XRT_TCIB_XRT_S_HTR_A_DIS_441_OG [0x1b9] | | | | | | | |
| | | TCIB_XRT_S_HTR_A_DIS | 0 | 04-C0 | | | | | |
| 2019/08/11 | 12:29:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/11 | 12:29:56.0 | XRT_FOCUS_POSITION_444_OG [0x1bc] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2019/08/11 | 12:30:00.0 | AOCS_ORe-point_Start_5_OG [0x09b] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 2e | f9 | 2e | f9 |
| 2019/08/11 | 12:32:52.0 | XRT_ARS_DIS_429_OG [0x1ad] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2019/08/11 | 12:32:54.0 | XRT_FLRCTRL_DIS_438_OG [0x1b6] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2019/08/11 | 12:32:56.0 | XRT_FLD_DIS_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2019/08/11 | 12:32:58.0 | XRT_QT_PROG_SET_405_OG [0x195] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 05 | | | |
| 2019/08/11 | 12:33:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/08/11 | 12:39:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/11 | 12:39:56.0 | XRT_FOCUS_POSITION_444_OG [0x1bc] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2019/08/11 | 12:40:00.0 | AOCS_ORe-point_Start_6_OG [0x09c] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 2e | f9 | d1 | 07 |
| 2019/08/11 | 12:42:52.0 | XRT_ARS_DIS_429_OG [0x1ad] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2019/08/11 | 12:42:54.0 | XRT_FLRCTRL_DIS_438_OG [0x1b6] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2019/08/11 | 12:42:56.0 | XRT_FLD_DIS_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2019/08/11 | 12:42:58.0 | XRT_QT_PROG_SET_420_OG [0x1a4] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 04 | | | |
| 2019/08/11 | 12:43:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/08/11 | 12:49:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/11 | 12:49:56.0 | XRT_FOCUS_POSITION_444_OG [0x1bc] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2019/08/11 | 12:50:00.0 | AOCS_ORe-point_Start_7_OG [0x09d] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | d1 | 07 | d1 | 07 |
| 2019/08/11 | 12:52:52.0 | XRT_ROI_A_427_OG [0x1ab] | | | | | | | |
| | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 06 | 80 | 80 | 08 |
| | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 07 | 80 | 80 | 20 |
| | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 08 | 85 | 83 | 08 |
| | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 0a | 40 | 40 | 10 |
| | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 0b | c0 | 40 | 10 |
| | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 0c | 80 | 80 | 20 |
| | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 0d | 80 | 80 | 08 |
| | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 0e | 85 | 83 | 06 |
| 2019/08/11 | 12:52:52.5 | XRT_ROI_B_428_OG [0x1ac] | | | | | | | |
| | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 0e | 85 | 83 | 06 |
| | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 0f | 80 | 80 | 06 |
| | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 10 | 80 | 80 | 08 |
| 2019/08/11 | 12:52:57.5 | XRT_ARS_DIS_429_OG [0x1ad] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2019/08/11 | 12:52:59.5 | XRT_FLRCTRL_DIS_438_OG [0x1b6] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2019/08/11 | 12:53:01.5 | XRT_FLD_DIS_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2019/08/11 | 12:53:03.5 | XRT_QT_PROG_SET_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 01 | | | |
| 2019/08/11 | 12:53:05.5 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/08/11 | 12:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/11 | 12:59:56.0 | XRT_FOCUS_POSITION_444_OG [0x1bc] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2019/08/11 | 13:00:00.0 | AOCS_ORe-point_Start_8_OG [0x09e] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | d1 | 07 | 2e | f9 |
| 2019/08/11 | 13:02:52.0 | XRT_ARS_DIS_429_OG [0x1ad] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2019/08/11 | 13:02:54.0 | XRT_FLRCTRL_DIS_438_OG [0x1b6] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2019/08/11 | 13:02:56.0 | XRT_FLD_DIS_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2019/08/11 | 13:02:58.0 | XRT_QT_PROG_SET_445_OG [0x1bd] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 14 | | | |
| 2019/08/11 | 13:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |

| | | | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2019/08/11 | 13:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/11 | 13:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/11 | 13:09:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2019/08/11 | 13:10:00.0 | AOCS_OrE-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2019/08/11 | 13:10:18.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2019/08/11 | 13:10:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2019/08/11 | 13:10:22.0 | XRT_ARS_DIS_443_OG [0x1bb] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2019/08/11 | 13:12:58.0 | XRT_QT_PROG_SET_446_OG [0x1be] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 07 | | | | |
| 2019/08/11 | 13:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/08/11 | 13:19:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/11 | 13:19:56.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2019/08/11 | 13:20:00.0 | AOCS_OrE-point_Start_9_OG [0x09f] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 54 cc 01 ca | | | | |
| 2019/08/11 | 13:20:16.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2019/08/11 | 13:20:18.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2019/08/11 | 13:20:20.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2019/08/11 | 13:20:22.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2019/08/11 | 13:20:24.0 | XRT_FLD_RESET_404_OG [0x194] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2019/08/11 | 13:22:56.0 | XRT_QT_PROG_SET_436_OG [0x1b4] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | | | | |
| 2019/08/11 | 13:22:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | | |
| 2019/08/11 | 13:23:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/08/11 | 13:46:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/11 | 13:46:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/11 | 13:46:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2019/08/11 | 13:46:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2019/08/11 | 13:49:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2019/08/11 | 14:08:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2019/08/11 | 14:09:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/08/11 | 15:24:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/11 | 15:24:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/11 | 15:24:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2019/08/11 | 15:24:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2019/08/11 | 15:27:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2019/08/11 | 15:54:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2019/08/11 | 15:55:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/08/11 | 16:03:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/11 | 16:03:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/11 | 16:03:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2019/08/11 | 16:03:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2019/08/11 | 16:03:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2019/08/11 | 16:04:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/08/11 | 16:06:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2019/08/11 | 17:02:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/11 | 17:02:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/11 | 17:02:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2019/08/11 | 17:02:36.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2019/08/11 | 17:05:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2019/08/11 | 17:40:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2019/08/11 | 17:41:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/08/11 | 18:41:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |

| | | | | | | | |
|------------|------------|-------------------------------------|---------------------------|---|-------|----------------|--|
| 2019/08/11 | 18:41:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/08/11 | 18:41:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/08/11 | 18:41:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2019/08/11 | 18:44:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2019/08/11 | 19:19:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2019/08/11 | 19:19:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/08/11 | 19:19:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/08/11 | 19:20:00.0 | AOCS_Or-e-point_Start_2_OG [0x098] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2019/08/11 | 19:20:18.0 | XRT_FLD_DIS_409_OG [0x199] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | |
| 2019/08/11 | 19:20:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2019/08/11 | 19:20:22.0 | XRT_ARS_DIS_443_OG [0x1bb] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2019/08/11 | 19:22:58.0 | XRT_QT_PROG_SET_446_OG [0x1be] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2019/08/11 | 19:23:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 07 | |
| 2019/08/11 | 19:29:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2019/08/11 | 19:29:56.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/08/11 | 19:30:00.0 | AOCS_Or-e-point_Start_10_OG [0x0a0] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2019/08/11 | 19:30:16.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 00 00 00 b0 00 | |
| 2019/08/11 | 19:30:18.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2019/08/11 | 19:30:20.5 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2019/08/11 | 19:30:22.5 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2019/08/11 | 19:30:24.5 | XRT_FLD_RESET_404_OG [0x194] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2019/08/11 | 19:32:56.5 | XRT_QT_PROG_SET_407_OG [0x197] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2019/08/11 | 19:32:58.5 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0c | |
| 2019/08/11 | 19:33:00.5 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | |
| 2019/08/11 | 20:19:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2019/08/11 | 20:19:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/08/11 | 20:19:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/08/11 | 20:19:36.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2019/08/11 | 20:22:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2019/08/11 | 20:54:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2019/08/11 | 20:55:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | | | | |
| 2019/08/11 | 21:57:30.5 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2019/08/11 | 21:57:32.5 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/08/11 | 21:57:34.5 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/08/11 | 21:57:36.5 | XRT_PREFLR_STRT_435_OG [0x1b3] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2019/08/11 | 22:00:44.5 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2019/08/11 | 22:30:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2019/08/11 | 22:31:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | | | | |
| 2019/08/11 | 23:36:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2019/08/11 | 23:36:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/08/11 | 23:36:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/08/11 | 23:36:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2019/08/11 | 23:39:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2019/08/11 | 23:45:00.0 | AOCS_Or-e-point_Start_11_OG [0x0a1] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2019/08/11 | 23:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | AOCU_NM | 5 | 02-76 | 00 50 00 00 00 | |
| 2019/08/11 | 23:59:56.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/08/12 | 00:00:16.0 | XRT_FLD_ENA_411_OG [0x19b] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| | | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |

| | | | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----|----|----|----|----|
| 2019/08/12 | 00:00:18.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2019/08/12 | 00:00:20.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2019/08/12 | 00:00:22.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2019/08/12 | 00:00:24.0 | XRT_FLD_RESET_404_OG [0x194] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2019/08/12 | 00:02:56.0 | XRT_QT_PROG_SET_436_OG [0x1b4] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 03 | | | |
| 2019/08/12 | 00:02:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d | | | |
| 2019/08/12 | 00:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/08/12 | 01:14:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/12 | 01:14:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/12 | 01:14:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2019/08/12 | 01:14:36.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2019/08/12 | 01:17:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2019/08/12 | 01:37:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2019/08/12 | 01:38:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/08/12 | 02:44:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/12 | 02:44:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/12 | 02:44:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2019/08/12 | 02:44:36.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2019/08/12 | 02:47:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2019/08/12 | 03:00:00.0 | AOCS_Or-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| 2019/08/12 | 03:12:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/12 | 03:12:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/12 | 03:12:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2019/08/12 | 03:13:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2019/08/12 | 03:13:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2019/08/12 | 03:13:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2019/08/12 | 03:13:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2019/08/12 | 03:13:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2019/08/12 | 03:15:56.0 | XRT_QT_PROG_SET_449_OG [0x1c1] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 09 | | | |
| 2019/08/12 | 03:15:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d | | | |
| 2019/08/12 | 03:16:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/08/12 | 04:15:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/12 | 04:15:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/12 | 04:15:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2019/08/12 | 04:15:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2019/08/12 | 04:18:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2019/08/12 | 04:53:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2019/08/12 | 04:54:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/08/12 | 05:39:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/12 | 05:39:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/12 | 05:39:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2019/08/12 | 05:40:18.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2019/08/12 | 05:40:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2019/08/12 | 05:40:22.0 | XRT_ARS_DIS_443_OG [0x1bb] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2019/08/12 | 05:42:58.0 | XRT_QT_PROG_SET_446_OG [0x1be] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 07 | | | |
| 2019/08/12 | 05:43:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/08/12 | 05:50:00.0 | AOCS_Or-point_Start_12_OG [0x0a2] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | b0 | 5b | 01 | ca |
| 2019/08/12 | 05:52:00.5 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |

| | | | | | | | | |
|------------|------------|------------------------------------|---------------------------|---|-------|----------------|--|--|
| 2019/08/12 | 05:52:02.5 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/08/12 | 05:52:04.5 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/08/12 | 05:52:06.5 | XRT_PREFLR_STRT_435_OG [0x1b3] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2019/08/12 | 05:55:14.5 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2019/08/12 | 06:29:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2019/08/12 | 06:29:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/08/12 | 06:29:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/08/12 | 06:30:18.0 | XRT_FLD_DIS_409_OG [0x199] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | |
| 2019/08/12 | 06:30:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | |
| 2019/08/12 | 06:30:22.0 | XRT_ARS_DIS_443_OG [0x1bb] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | |
| 2019/08/12 | 06:32:58.0 | XRT_QT_PROG_SET_437_OG [0x1b5] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2019/08/12 | 06:33:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 13 | | |
| 2019/08/12 | 07:32:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2019/08/12 | 07:32:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/08/12 | 07:32:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/08/12 | 07:32:36.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2019/08/12 | 07:35:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2019/08/12 | 08:10:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2019/08/12 | 08:11:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2019/08/12 | 08:29:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2019/08/12 | 08:29:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/08/12 | 08:29:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/08/12 | 08:30:00.0 | AOCS_Ore-point_Start_13_OG [0x0a3] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | |
| 2019/08/12 | 08:30:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 03 00 00 00 00 | | |
| 2019/08/12 | 08:30:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2019/08/12 | 08:30:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2019/08/12 | 08:30:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2019/08/12 | 08:30:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2019/08/12 | 08:32:56.0 | XRT_QT_PROG_SET_421_OG [0x1a5] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2019/08/12 | 08:32:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0f | | |
| 2019/08/12 | 08:33:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | |
| 2019/08/12 | 09:12:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2019/08/12 | 09:12:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/08/12 | 09:12:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/08/12 | 09:12:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2019/08/12 | 09:15:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2019/08/12 | 09:48:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2019/08/12 | 09:49:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2019/08/12 | 10:53:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2019/08/12 | 10:53:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/08/12 | 10:53:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/08/12 | 10:53:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2019/08/12 | 10:56:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2019/08/12 | 11:27:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2019/08/12 | 11:28:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2019/08/12 | 12:43:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2019/08/12 | 12:43:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/08/12 | 12:43:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |

| | | | | | | | | | | |
|------------|------------|------------------------------------|---------------------|---|-------|----------------|--|--|--|--|
| 2019/08/12 | 12:43:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2019/08/12 | 12:46:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2019/08/12 | 13:05:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2019/08/12 | 13:06:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/08/12 | 14:21:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/12 | 14:21:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/12 | 14:21:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2019/08/12 | 14:21:36.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2019/08/12 | 14:24:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2019/08/12 | 14:46:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/08/12 | 14:47:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/12 | 16:00:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/12 | 16:00:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/12 | 16:00:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2019/08/12 | 16:00:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2019/08/12 | 16:03:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2019/08/12 | 16:38:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/08/12 | 16:39:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/12 | 17:38:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/12 | 17:38:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/12 | 17:38:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2019/08/12 | 17:38:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2019/08/12 | 17:41:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2019/08/12 | 18:14:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/12 | 18:14:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/12 | 18:14:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2019/08/12 | 18:15:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2019/08/12 | 18:15:18.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2019/08/12 | 18:15:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2019/08/12 | 18:15:22.0 | XRT_ARS_DIS_443_OG [0x1bb] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2019/08/12 | 18:17:58.0 | XRT_QT_PROG_SET_426_OG [0x1aa] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0e | | | | |
| 2019/08/12 | 18:18:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/08/12 | 18:25:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | AOCU_NM | 5 | 02-76 | 04 00 00 00 00 | | | | |
| 2019/08/12 | 21:15:00.0 | AOCS_Ore-point_Start_14_OG [0x0a4] | AOCU_NM | 5 | 02-76 | 00 b0 00 00 00 | | | | |
| 2019/08/12 | 21:26:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/12 | 21:26:56.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2019/08/12 | 21:27:16.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2019/08/12 | 21:27:18.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2019/08/12 | 21:27:20.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2019/08/12 | 21:27:22.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2019/08/12 | 21:27:24.0 | XRT_FLD_RESET_404_OG [0x194] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2019/08/12 | 21:29:56.0 | XRT_QT_PROG_SET_436_OG [0x1b4] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | | | | |
| 2019/08/12 | 21:29:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | | |
| 2019/08/12 | 21:30:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/08/12 | 22:33:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/12 | 22:33:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/12 | 22:33:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2019/08/12 | 22:33:36.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |

| | | | | | | | | |
|------------|------------|------------------------------------|---------------------|---|-------|----------------|--|--|
| 2019/08/12 | 22:36:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2019/08/12 | 23:04:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2019/08/12 | 23:05:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2019/08/13 | 00:11:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/08/13 | 00:11:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/08/13 | 00:11:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2019/08/13 | 00:11:36.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2019/08/13 | 00:14:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2019/08/13 | 00:20:00.0 | AOCS_ORe-point_Start_15_OG [0x0a5] | | | | | | |
| | | | AOCU_NM | 5 | 02-76 | 00 c8 01 c8 01 | | |
| 2019/08/13 | 00:31:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/08/13 | 00:31:56.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | |
| | | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | |
| 2019/08/13 | 00:32:16.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | |
| | | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2019/08/13 | 00:32:18.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | |
| | | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2019/08/13 | 00:32:20.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | |
| | | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2019/08/13 | 00:32:22.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2019/08/13 | 00:32:24.0 | XRT_FLD_RESET_404_OG [0x194] | | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2019/08/13 | 00:34:56.0 | XRT_QT_PROG_SET_436_OG [0x1b4] | | | | | | |
| | | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | | |
| 2019/08/13 | 00:34:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | |
| | | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | |
| 2019/08/13 | 00:35:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2019/08/13 | 01:46:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/08/13 | 01:46:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/08/13 | 01:46:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2019/08/13 | 01:46:36.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2019/08/13 | 01:49:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2019/08/13 | 02:12:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2019/08/13 | 02:13:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2019/08/13 | 03:19:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/08/13 | 03:19:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/08/13 | 03:19:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2019/08/13 | 03:19:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2019/08/13 | 03:20:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | |
| | | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | |
| 2019/08/13 | 03:22:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2019/08/13 | 03:47:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/08/13 | 03:47:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/08/13 | 03:47:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | |
| | | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | |
| 2019/08/13 | 03:47:48.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | |
| | | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2019/08/13 | 03:47:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | |
| | | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2019/08/13 | 03:47:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | |
| | | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2019/08/13 | 03:47:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2019/08/13 | 03:47:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2019/08/13 | 03:50:26.0 | XRT_QT_PROG_SET_449_OG [0x1c1] | | | | | | |
| | | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09 | | |
| 2019/08/13 | 03:50:28.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | |
| | | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | |
| 2019/08/13 | 03:50:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2019/08/13 | 04:47:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/08/13 | 04:47:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/08/13 | 04:47:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2019/08/13 | 04:47:36.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |

| | | | | | | | | | |
|------------|------------|------------------------------------|---|-------|----------------|--|--|--|--|
| 2019/08/13 | 04:50:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2019/08/13 | 05:39:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/13 | 05:39:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/13 | 05:39:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2019/08/13 | 05:40:18.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2019/08/13 | 05:40:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2019/08/13 | 05:40:22.0 | XRT_ARS_DIS_443_OG [0x1bb] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2019/08/13 | 05:42:58.0 | XRT_QT_PROG_SET_446_OG [0x1be] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 07 | | | | |
| 2019/08/13 | 05:43:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/08/13 | 05:49:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/13 | 05:49:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/13 | 05:49:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2019/08/13 | 05:50:00.0 | AOCS_ORe-point_Start_12_OG [0x0a2] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 b0 5b 01 ca | | | | |
| 2019/08/13 | 05:50:18.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2019/08/13 | 05:50:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2019/08/13 | 05:50:22.0 | XRT_ARS_DIS_443_OG [0x1bb] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2019/08/13 | 05:52:58.0 | XRT_QT_PROG_SET_437_OG [0x1b5] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 13 | | | | |
| 2019/08/13 | 05:53:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/08/13 | 06:28:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/13 | 06:28:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/13 | 06:28:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2019/08/13 | 06:28:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2019/08/13 | 06:31:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2019/08/13 | 07:07:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2019/08/13 | 07:08:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/08/13 | 08:08:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/13 | 08:08:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/13 | 08:08:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2019/08/13 | 08:08:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2019/08/13 | 08:11:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2019/08/13 | 08:29:55.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/08/13 | 08:30:00.0 | AOCS_ORe-point_Start_16_OG [0x0a6] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 03 00 18 13 74 | | | | |
| 2019/08/13 | 09:51:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |