

XRT Timeline to be uploaded on 2021/09/23

Period: 2021/09/23 10:17:00 - 2021/09/28 09:59:00

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Normal mode

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XOB #1BBA: AR - Standard Core - (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Al/poly context, with

| Term | Pointing (x, y) | Comment |
|---------------------------------|--|---------------------------------------|
| 09/23 10:43:30 - 09/23 11:59:54 | Track (-225.4, 148.0) ^{Ⓢ 09/23 10:27:00} | # OP start + 10min, HOP402 on AR12872 |
| PROG= 03 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 5-time(s) 2.0sec | | |
| └─ Seqn= 47 1-time(s) 2.0sec | | |
| └─ Al-poly/Open | thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) | Q=95 2 0 2.0sec |
| └─ Al-poly/Open | thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) | Q=95 3 0 2.0sec |
| └─ thin-Be/Open | med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) | Q=95 2 0 2.0sec |
| └─ thin-Be/Open | med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) | Q=95 3 0 2.0sec |
| └─ Seqn= 96 4-time(s) 120.0sec | | |
| └─ Al-poly/Open | thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) | Q=95 1 0 2.0sec |
| └─ thin-Be/Open | med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) | Q=95 1 0 2.0sec |
| └─ Al-poly/Open | thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) | Q=95 1 1 2.0sec |
| └─ thin-Be/Open | med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) | Q=95 1 1 2.0sec |
| └─ Al-poly/Open | thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) | Q=95 1 2 2.0sec |
| └─ thin-Be/Open | med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) | Q=95 1 2 2.0sec |
| Default Filter | Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) | Comp. AEC Buffer Interval |

XOB #1C50: 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 |
|---------------------------------|--|---------------------------|
| 09/23 12:03:00 - 09/23 18:04:24 | Track (-300.5, -597.1) ^{Ⓢ 09/23 12:00:00} | AR12871 obs |
| 09/24 05:47:30 - 09/24 07:29:54 | Track (-167.0, -601.3) ^{Ⓢ 09/24 05:44:30} | AR12871 obs |
| 09/25 06:07:30 - 09/25 07:29:54 | Track (21.8, -602.4) ^{Ⓢ 09/25 06:04:30} | AR12871 obs |
| PROG= 10 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= 62 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 384x384 (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= 98 15-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 70.0sec |
| └─ 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 70.0sec |
| └─ 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 70.0sec |
| Default Filter | Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) | Comp. AEC Buffer Interval |

XOB #1CA9: Synoptic Q95 2x2 - Al/mesh(16/181/2048) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(24/362/4096) + T

| Term | Pointing (x, y) | Comment |
|---------------------------------|---|--|
| 09/23 18:07:30 - 09/23 18:14:24 | Fixed (0.0, 0.0) | synoptic, shifted 4.5 min |
| 09/24 05:37:30 - 09/24 05:44:24 | Fixed (0.0, 0.0) | HOP349 and synoptic, shifted -25.5 min |
| 09/24 17:40:00 - 09/24 17:46:54 | Fixed (0.0, 0.0) | synoptic, shifted -23.0 min |
| 09/25 05:57:30 - 09/25 06:04:24 | Fixed (0.0, 0.0) | HOP349 and synoptic, shifted -5.5 min |
| PROG= 19 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= 75 1-time(s) 2.0sec | | |
| └─ Open/Al-mesh | Open/Al-mesh close Safe Norm 16ms Obs 2x2 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| └─ Open/Al-mesh | Open/Al-mesh close Safe Norm 177ms Obs 2x2 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| └─ Open/Al-mesh | Open/Al-mesh close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| └─ Seqn= 9 1-time(s) 2.0sec | | |
| └─ Al-poly/Open | Al-poly/Open close Safe Norm 24ms Obs 2x2 2048x2048 (1024, 1024) | Q=95 0 0 2.0sec |
| └─ Al-poly/Open | Al-poly/Open close Safe Norm 354ms 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= 53 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) | | 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 #1BFE: AR - Standard Core - (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Al/poly context, with

| Term | Pointing (x, y) | Comment |
|---------------------------------|---|-------------|
| 09/23 18:17:30 - 09/24 01:59:54 | Track (-254.3, -598.9) ^{© 09/23 18:14:30} | Cont, |
| 09/24 12:03:00 - 09/24 17:36:54 | Track (-118.8, -602.1) ^{© 09/24 12:00:00} | AR12871 obs |
| 09/24 17:50:00 - 09/24 22:52:30 | Track (-73.9, -602.5) ^{© 09/24 17:47:00} | Cont, |

PROG= 06 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 | | 4-time(s) | | 2.0sec | | | | | | | | |
| Seqn= 47 | | 1-time(s) | | 2.0sec | | | | | | | | |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 2 | 0 | 2.0sec |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 2 | 0 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| Seqn= 77 | | 4-time(s) | | 300.0sec | | | | | | | | |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 1 | 0 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 1 | 0 | 95.0sec |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 1 | 1 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 1 | 1 | 95.0sec |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 1 | 2 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 1 | 2 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

XOB #1C98: HOP349 - 3-filter Synoptics (Al-mesh[24/256/2897], Al-poly[45/512/4096], thin-Be[512/8192/23142] with 512x512 G-band-Leak - 45min cad) + C

| Term | Pointing (x, y) | Comment |
|---------------------------------|-------------------|--|
| 09/24 02:03:00 - 09/24 04:27:00 | Fixed (0.0, 0.0) | HOP349 and synoptic, shifted -25.5 min |
| 09/25 02:14:00 - 09/25 04:57:30 | Fixed (0.0, 0.0) | HOP349 and synoptic, shifted -5.5 min |

PROG= 02 Inf.-time(s)

| | | | | | | | | | | | | |
|-----------------|------------------|------------------|------|-----------------|-------|-----|-----|------------------------|-------|------------|----------|--------|
| Subr= 1 | | 1-time(s) | | 600.0sec | | | | | | | | |
| 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= 54 | | 1-time(s) | | 2.0sec | | | | | | | | |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 8.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 22.6s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 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 | | 4-time(s) | | 600.0sec | | | | | | | | |
| 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 | |

XOB #1C91: AR (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 512x512 at 1064 1048, thick-Al context, with G-band (1ms/1ms leak), 180s

| Term | Pointing (x, y) | Comment |
|---------------------------------|---|---------|
| 09/24 07:33:00 - 09/24 11:59:54 | Track (-158.7, -571.0) ^{© 09/24 07:30:00} | HOP426 |
| 09/25 07:33:00 - 09/25 09:25:00 | Track (32.9, -571.8) ^{© 09/25 07:30:00} | HOP426 |

PROG= 01 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= 71 | | 3-time(s) | | 2.0sec | | | | | | | | |

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|------------------------------------|----------------|-------|------|-------|-------|-----|-----|----------------------|-------|------------|----------|--------|
| Open/thick-AI | Open/thick-Be | close | Safe | Norm | 16.0s | Obs | 1x1 | 512x512 (1064, 1048) | Q=98 | 3 | 0 | 2.0sec |
| Subr= 2 40-time(s) 180.0sec | | | | | | | | | | | | |
| Seqn= 94 1-time(s) 40.0sec | | | | | | | | | | | | |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 512x512 (1064, 1048) | Q=95 | 2 | 0 | 2.0sec |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 512x512 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 512x512 (1064, 1048) | Q=95 | 2 | 0 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 512x512 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| Seqn= 58 1-time(s) 40.0sec | | | | | | | | | | | | |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 1 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 1 | 2.0sec |
| Seqn= 48 1-time(s) 2.0sec | | | | | | | | | | | | |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 2 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | 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 #1C5A: HOP336 1-filter - Al/poly -384x384, 1024ms and 8192s, 60s-cadence, G-band - 384x384 1ms

| Term | Pointing (x, y) | Comment |
|-----------------------------------|--|--|
| 09/24 23:15:31 - 09/25 01:57:30 | Track (186.7, -38.3) @ 09/24 23:00:00 | HOP393 |
| PROG= 14 Inf.-time(s) | | |
| Subr= 1 1-time(s) 2.0sec | | |
| Seqn= 16 2-time(s) 2.0sec | | |
| Open/G-band | Open/G-band | close Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec |
| Subr= 2 1-time(s) 2.0sec | | |
| Seqn= 90 1-time(s) 30.0sec | | |
| Open/G-band | Open/G-band | open Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec |
| Subr= 3 15-time(s) 2.0sec | | |
| Seqn= 72 1-time(s) 60.0sec | | |
| Al-poly/Open | Al-poly/Ti-poly | close Safe Norm 8.00s Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec |
| Al-poly/Open | Al-poly/Open | close Safe Norm 1.00s Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec |
| Default Filter | Thicker Filter | VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval |

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Flare mode

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XOB #1C96: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Be/thick), AEC 3, 384x384 + context (med-AI,thick-Be -384x384 + Al-poly 512x512 2x2) + GB

| Term | Pointing (x, y) | Comment |
|---------------------------------|--|--|
| 09/23 10:43:30 - 09/23 11:59:54 | Track (-225.4, 148.0) @ 09/23 10:27:00 | # OP start + 10min, HOP402 on AR12872 |
| 09/23 12:03:00 - 09/23 18:04:24 | Track (-300.5, -597.1) @ 09/23 12:00:00 | AR12871 obs |
| 09/23 18:17:30 - 09/24 01:59:54 | Track (-254.3, -598.9) @ 09/23 18:14:30 | Cont, |
| 09/24 02:03:00 - 09/24 04:27:00 | Fixed (0.0, 0.0) | HOP349 and synoptic, shifted -25.5 min |
| 09/24 05:47:30 - 09/24 07:29:54 | Track (-167.0, -601.3) @ 09/24 05:44:30 | AR12871 obs |
| 09/24 07:33:00 - 09/24 11:59:54 | Track (-158.7, -571.0) @ 09/24 07:30:00 | HOP426 |
| 09/24 12:03:00 - 09/24 17:36:54 | Track (-118.8, -602.1) @ 09/24 12:00:00 | AR12871 obs |
| 09/24 17:50:00 - 09/24 22:52:30 | Track (-73.9, -602.5) @ 09/24 17:47:00 | Cont, |
| 09/24 23:15:31 - 09/25 01:57:30 | Track (186.7, -38.3) @ 09/24 23:00:00 | HOP393 |
| 09/25 02:14:00 - 09/25 04:57:30 | Fixed (0.0, 0.0) | HOP349 and synoptic, shifted -5.5 min |
| 09/25 06:07:30 - 09/25 07:29:54 | Track (21.8, -602.4) @ 09/25 06:04:30 | AR12871 obs |
| 09/25 07:33:00 - 09/25 09:25:00 | Track (32.9, -571.8) @ 09/25 07:30:00 | HOP426 |

PROG= 04 30-time(s)

| | | | | | | | | | | | | |
|-----------------------------------|------------------|-------|------|-------|-------|-----|-----|----------------------|-------|------------|----------|--------|
| Subr= 1 20-time(s) 2.0sec | | | | | | | | | | | | |
| Seqn= 11 1-time(s) 2.0sec | | | | | | | | | | | | |
| Al-poly/Open | Al-poly/thick-AI | close | Safe | Norm | 125ms | Obs | 2x2 | 512x512 (1024, 1024) | Q=95 | 2 | 0 | 2.0sec |
| Seqn= 73 1-time(s) 10.0sec | | | | | | | | | | | | |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 125ms | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 3 | 0 | 2.0sec |
| med-Be/Open | Open/thick-AI | close | Safe | Norm | 250ms | 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 |
| Subr= 2 1-time(s) 2.0sec | | | | | | | | | | | | |
| Seqn= 10 1-time(s) 2.0sec | | | | | | | | | | | | |
| med-AI/Open | med-AI/thick-AI | 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-AI | 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-AI | Open/thick-AI | close | Safe | Dark | 1.00s | Obs | 1x1 | 384x384 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Open/thick-AI | Open/thick-AI | 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

* * * * *

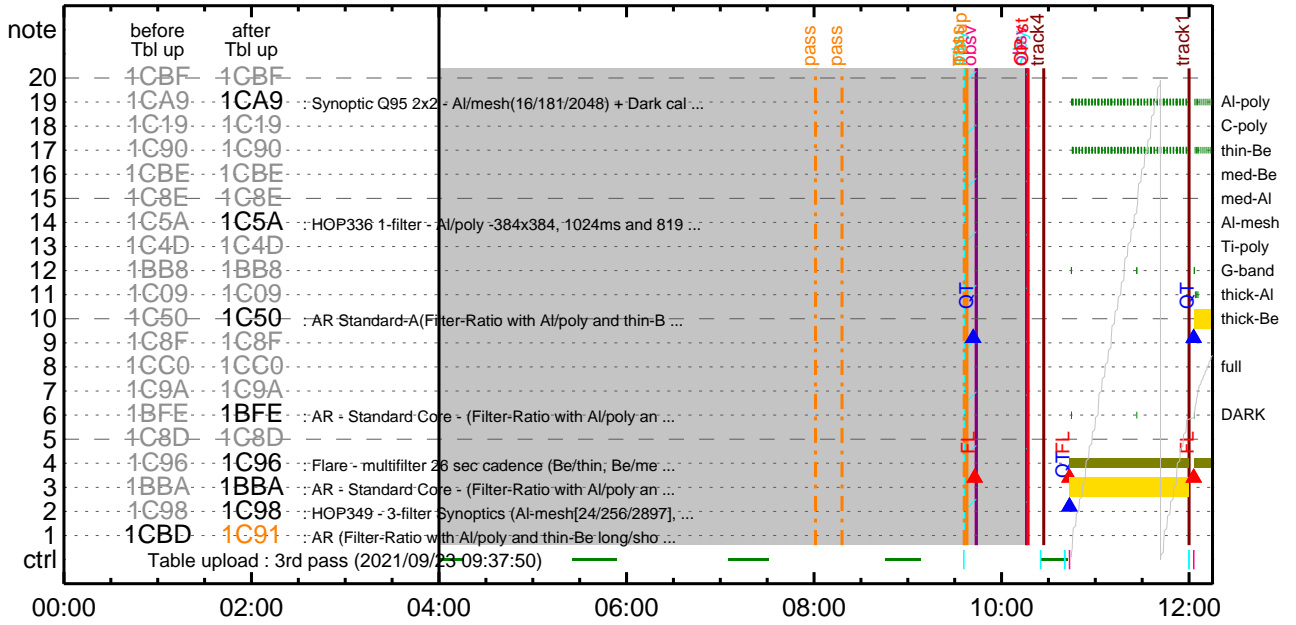
FLD Patrol

| Term | Pointing (x, y) | Comment |
|---------------------------------|--|---------|
| 09/23 18:14:48 - 09/24 05:34:48 | Track (-254.3, -598.9) @ 09/23 18:14:30 | Cont, |

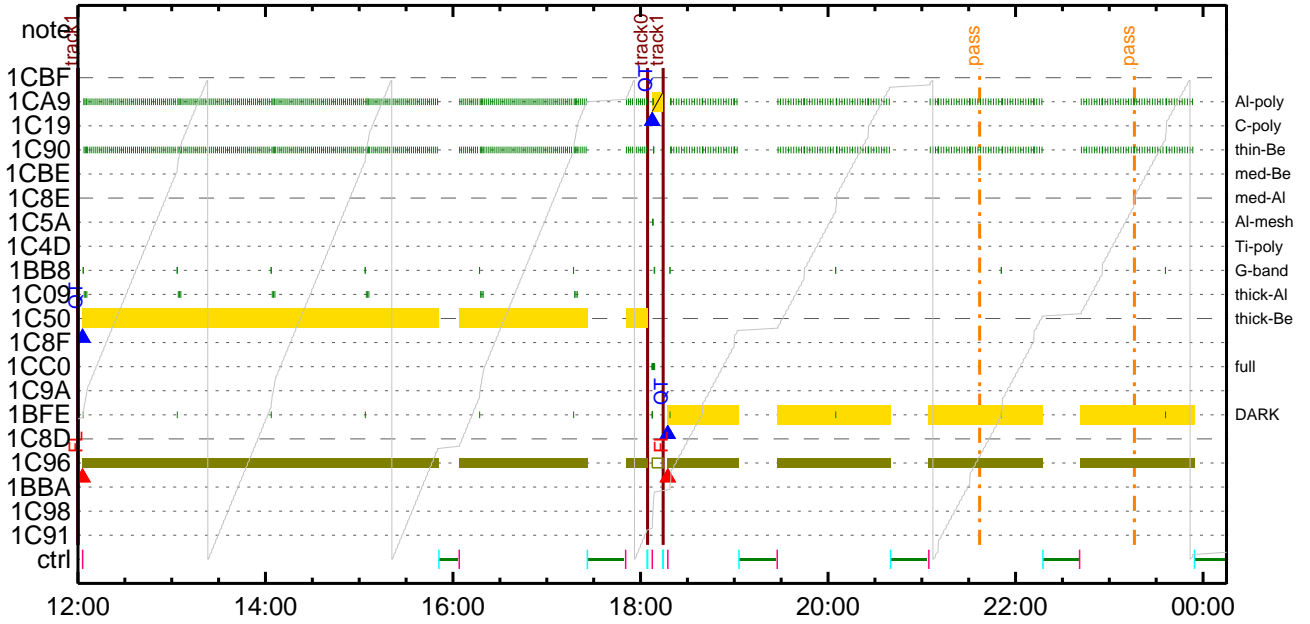
09/24 05:44:48 - 09/24 17:37:18 Track (-167.0, -601.3) @ 09/24 05:44:30 AR12871 obs
 09/24 17:47:18 - 09/25 05:54:48 Track (-73.9, -602.5) @ 09/24 17:47:00 Cont,
 09/25 06:04:48 - 09/28 09:59:00 Track (21.8, -602.4) @ 09/25 06:04:30 AR12871 obs

| | | | | | | | | | | |
|----------------|----------------|-------|------|-------|------|-----|-----|--------------------|-------|---------------------|
| AI-poly/Open | AI-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 |

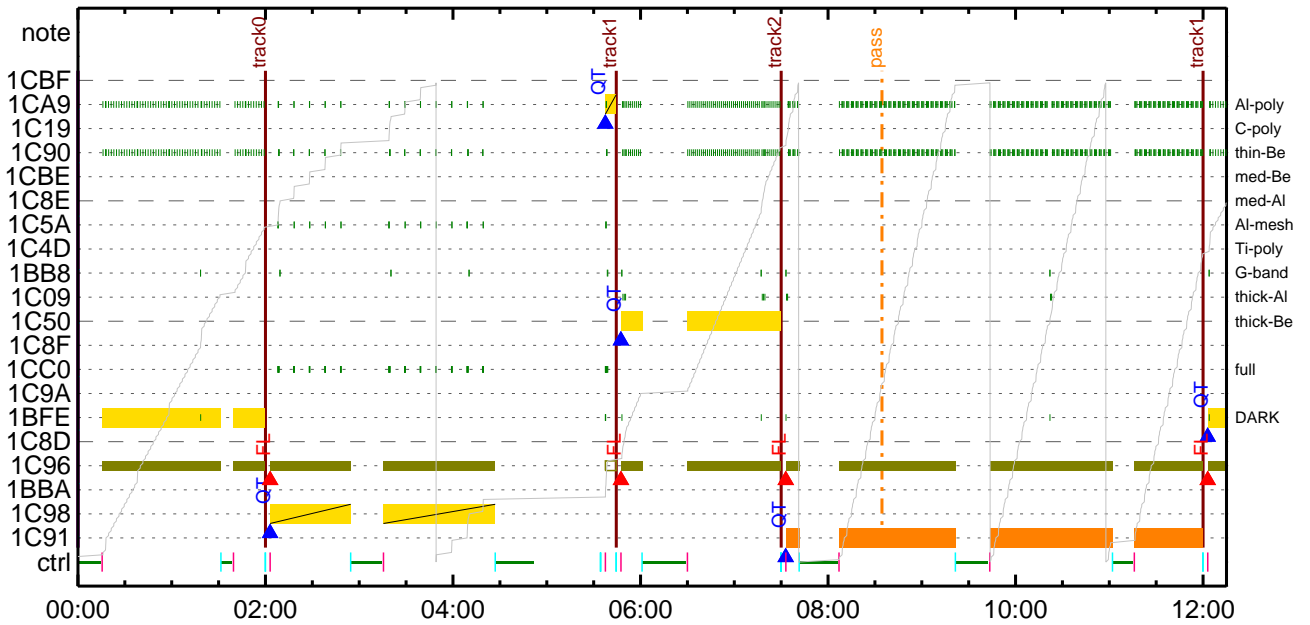
CMDI #0888 2021/09/23



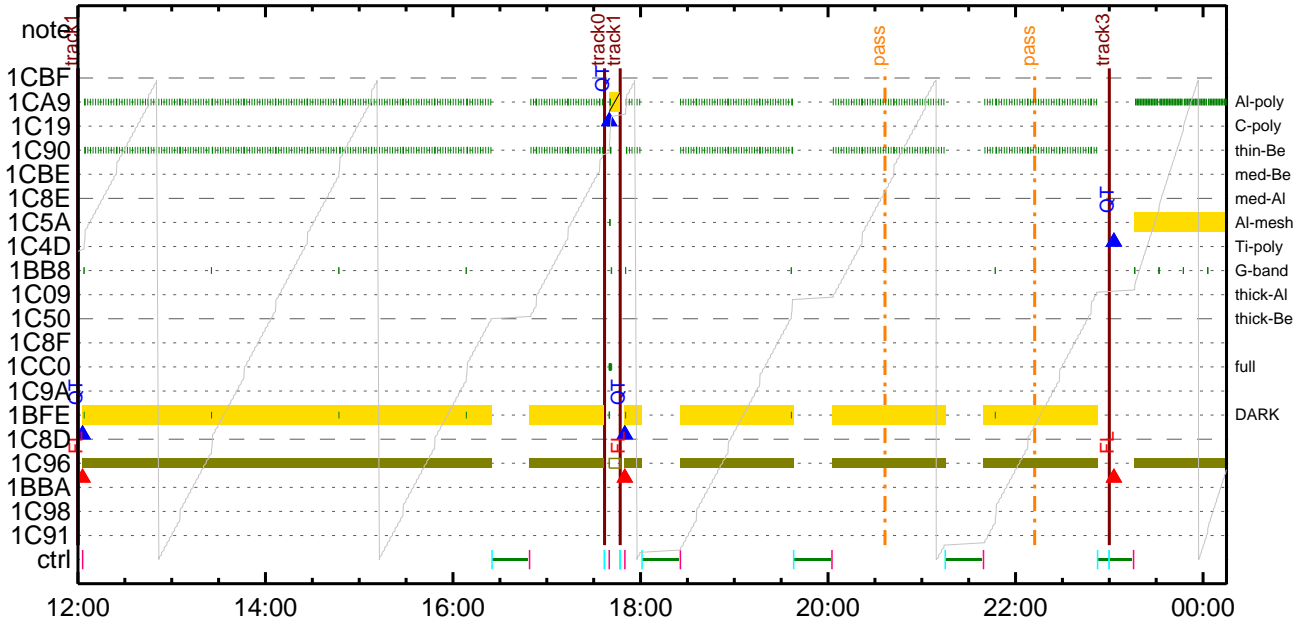
CMDI #0888 2021/09/23



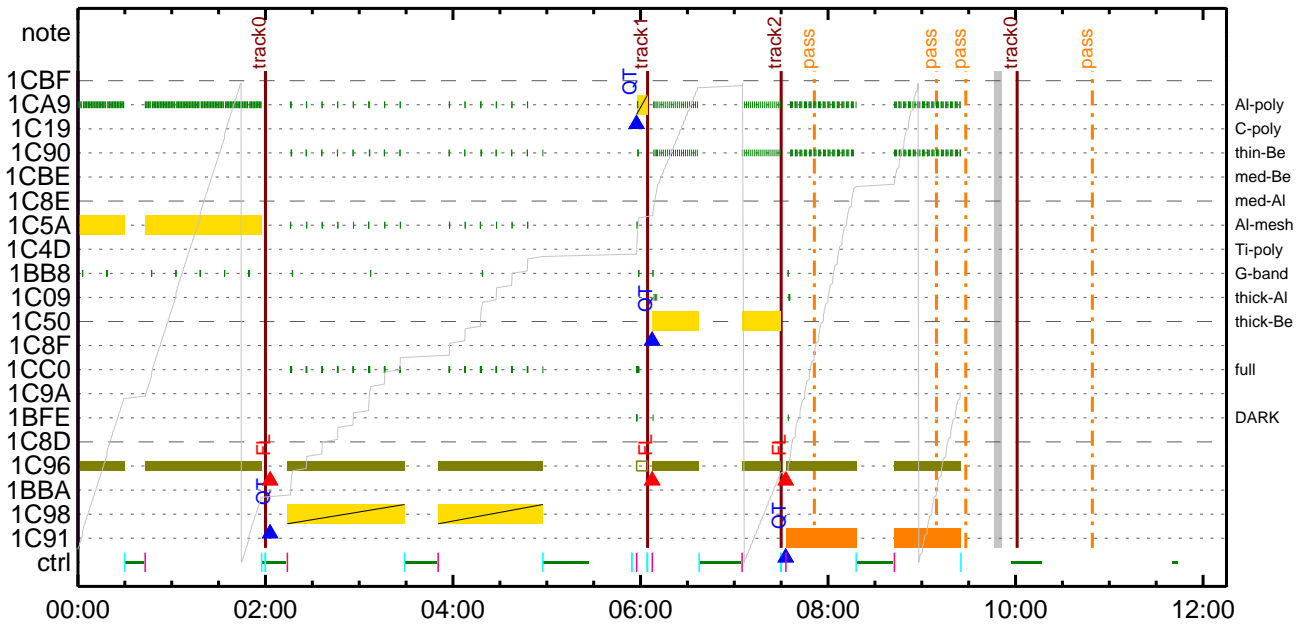
CMDI #0888 2021/09/24



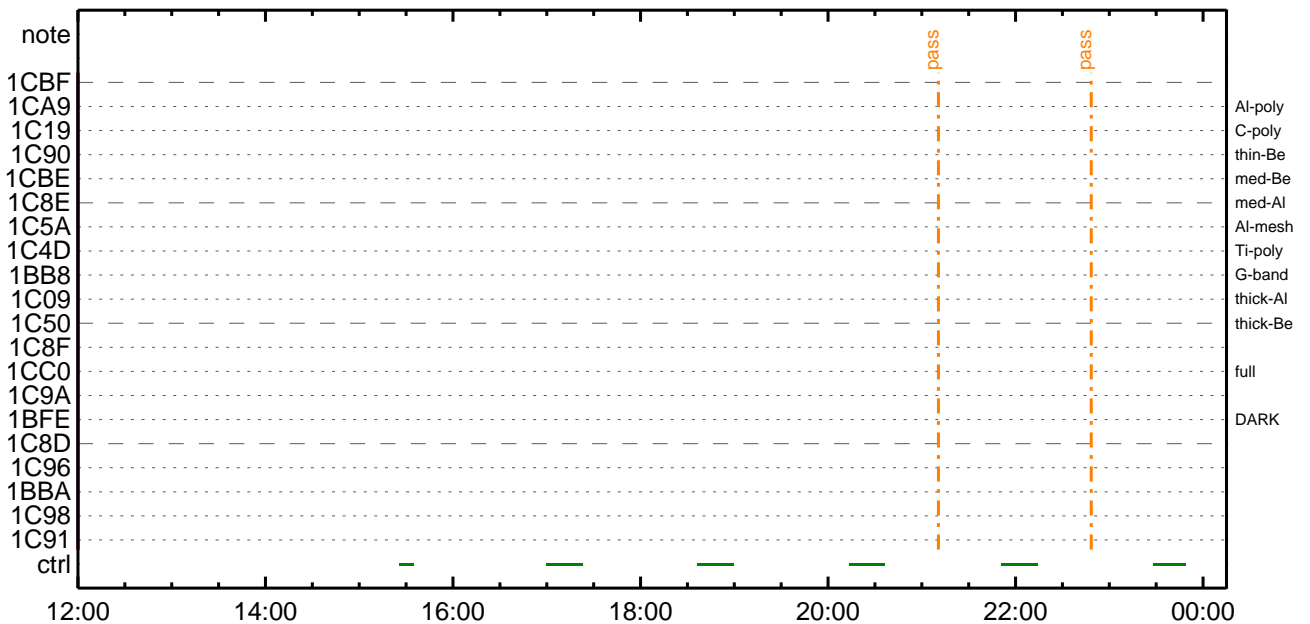
CMDI #0888 2021/09/24



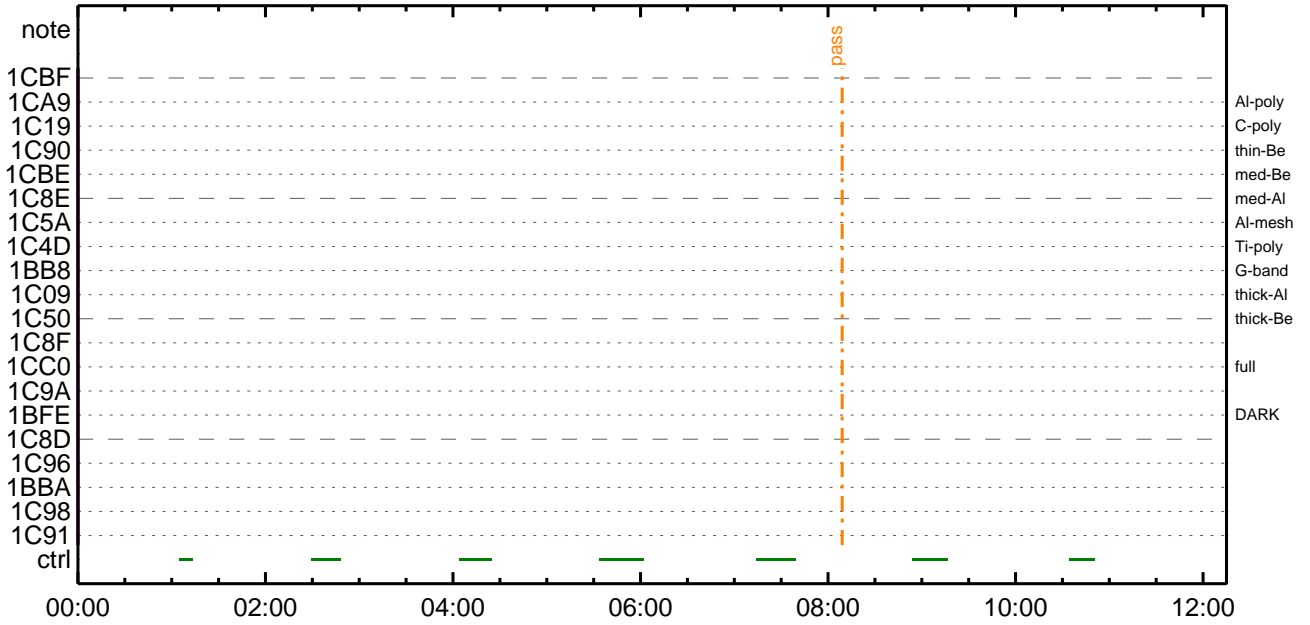
CMDI #0888 2021/09/25



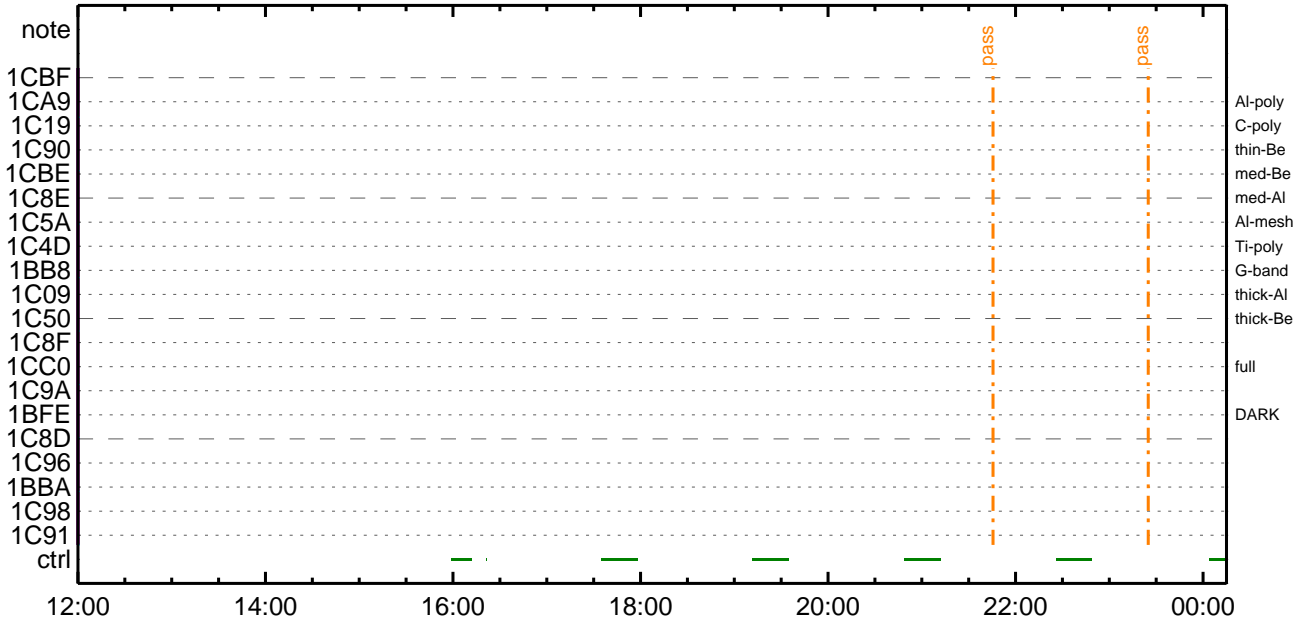
CMDI #0888 2021/09/25



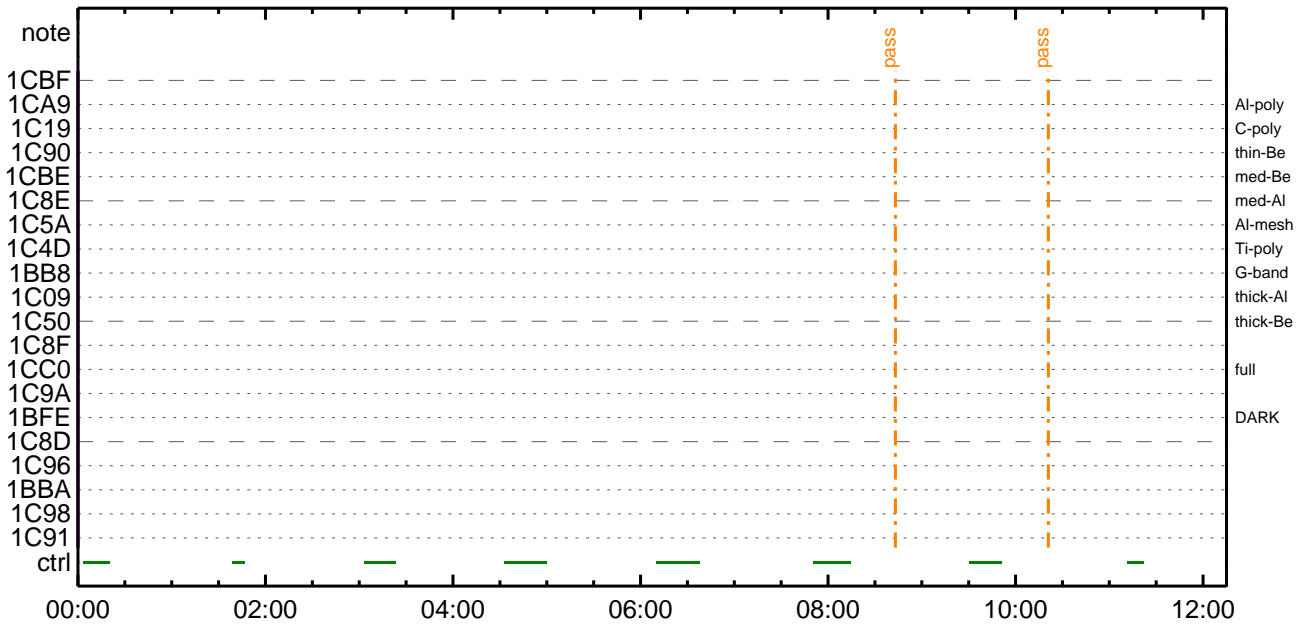
CMDI #0888 2021/09/26



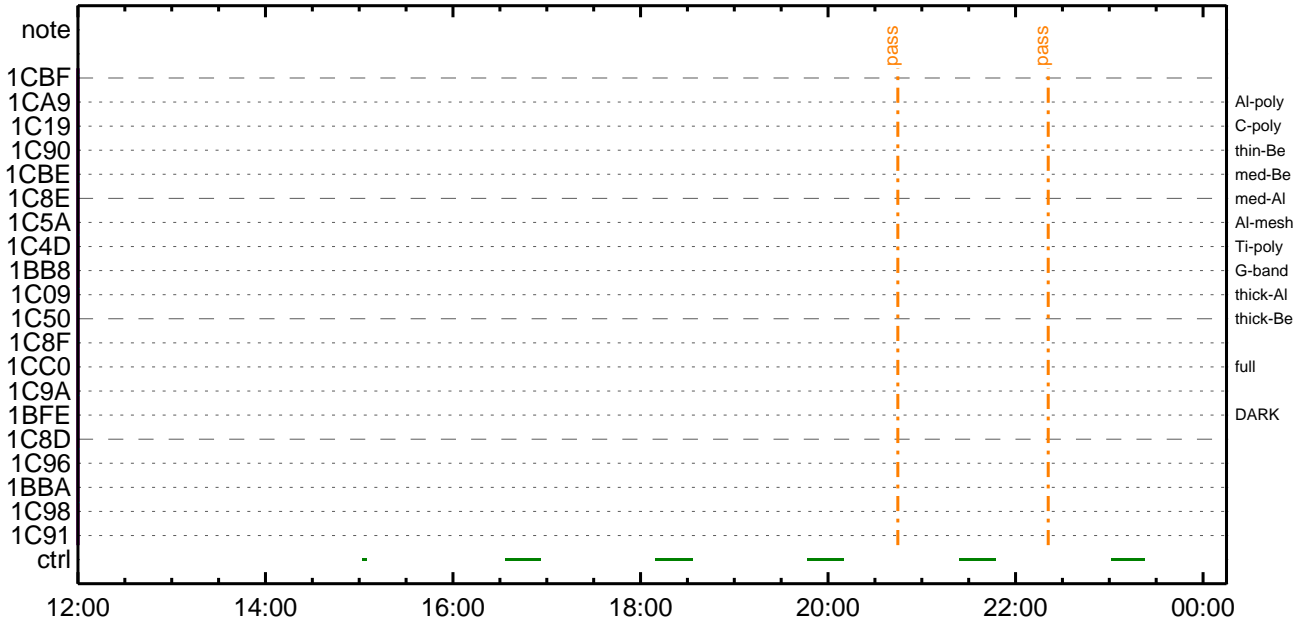
CMDI #0888 2021/09/26



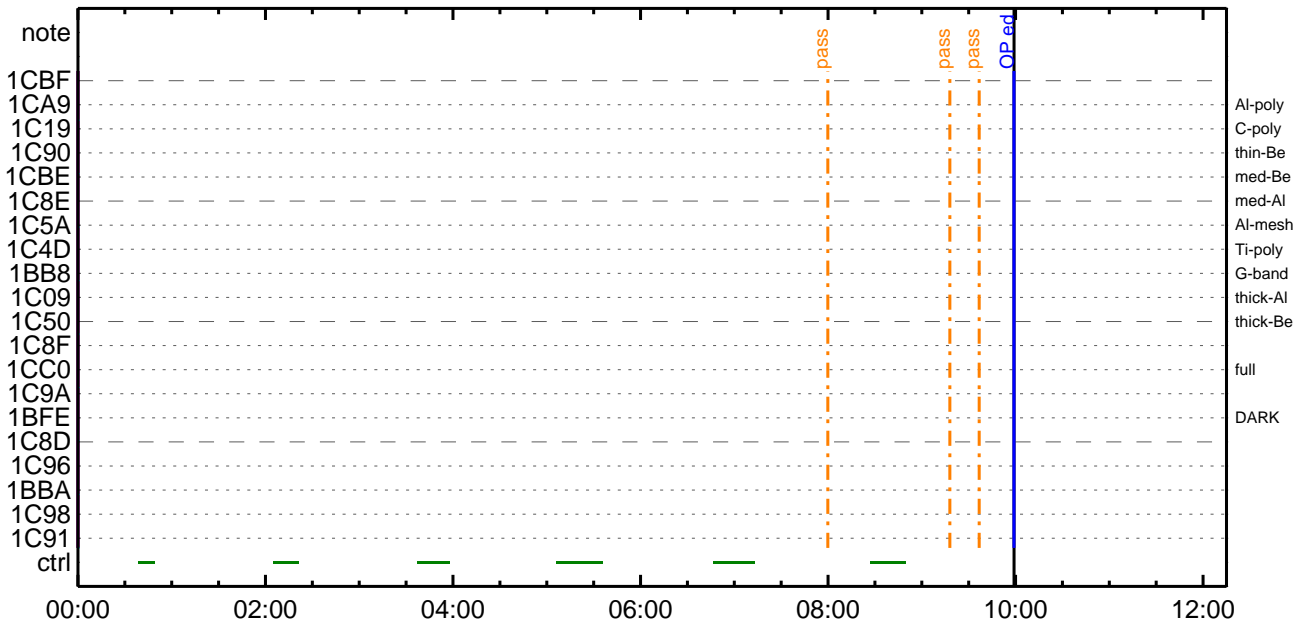
CMDI #0888 2021/09/27



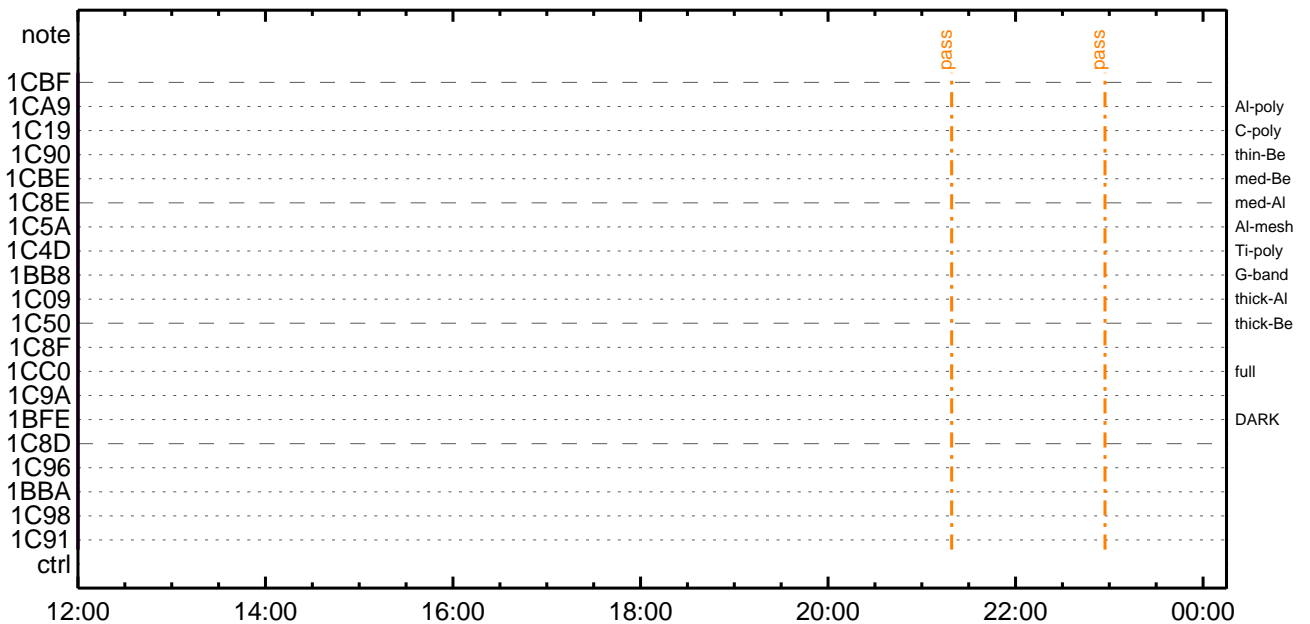
CMDI #0888 2021/09/27



CMDI #0888 2021/09/28



CMDI #0888 2021/09/28




```

0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;ã
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-712:OP
0104 ( )
0105 S. OG og-712:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPîî°èYAYôYx;ã
0109 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç[HK1_PKT_FORM_NO] EQ 7
0120 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 C. YAYôYx½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG²î½E¹ç•è²îOK²³îÇ§
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. çç[HK1_PKT_FORM_NO] EQ 7
0139 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 C. YAYôYx½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG²î½E¹ç•è²îOK²³îÇ§
0146 C.
0147 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. çç[HK1_PKT_FORM_NO] EQ 7
0158 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 C. YAYôYx½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OP²î½E¹ç•è²îOK²³îÇ§
0165 C.
0166 C. ***** °E²¼²î½E¹ç•è²îOK²³îÇ§ *****
0167 C. DHUYâ;4YE;E½Y½;Yi;4YE;Eòîã²
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç[HK1_PKT_FORM_NO] EQ 2
0171 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 C. NOTICE ;§ OPOG UPLOAD²-Á÷ç@NG²î½E¹ç•è²îOK²³îÇ§
0180 C. çç[HK1_DMP_CHK_FLG] EQ NON
0181 C.
0182 C. TIY³YpYôYE²òðÁDîç(UT)
0183 +. TI 2021-09-23 10:12:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2021-09-23 10:12:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2021-09-23 10:12:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

```


(a) Spacecraft Operation Procedure (real-commands)

```
main-713 2021-09-23 12:31:22 85 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŠYÁY~¼Á»Ü;ã
0005 C.
0006 C. YÁYÉ;¼Y³YFÝÓYÉÁ+¿@
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. ÁÍ;È¿¿A«•μ°»Í×ÁÇ«ÍYçYÁY×YÍ;¼YÉ;ÈÈ»μ•ÍÉ;È«È¼°ÇÓ«•¿¿¼l¹¿«Í;¿Á®, ù«¹«È«B«ÇÁ+¿««•«È«««³«È;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. ***** AOCs Commands (Tracking Curve Upload) *****
0015 C. Upload the Orbit Element and the Target Attitude
0016 C. RAM-ID:TARGET_ATT
0017 . S. RAM ram-150:TARGET_ATT
0018 ( )
0019 C.
0020 C.
0021 C. Set the dump memory area of TARGET_ATT
0022 +. DC 02-48 AOCU_DUMP_SET
0023 BC (07 00 00 00 18 00)
0024 C.
0025 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0026 C.
0027 C.
0028 C. Change the TLMFormatNo for the AOCs Dump Format
0029 +. DC 01-22 DHU_MODE_CHNG
0030 BC (04 0b f8)
0031 C.
0032 C. Wait for AOCSDUMP to end
0033 C.
0034 . C. Check the dump memory
0035 C.
0036 C. Result = OK [ ]
0037 C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039 BC (02 0a f8)
0040 C.
0041 C. <A_***>[TLM STS] FMT = 2 [ ]
0042 C.
0043 +. DC 02-8E AOCU_ORB_UPD
0044 . C.
0045 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0046 +. DC 07-FC EIS_MODE_CHG_ENA
0047 BC (20)
0048 . C. Verify EIS_MODE_CHG_FLG is ENA
0049 +. DC 07-FC EIS_MODE_MANU
0050 BC (21 02)
0051 . C. Verify EIS in MANUAL mode
0052 . C. Estimated OBSTBL upload time is 10s
0053 C. *****
0054 C. EIS START OBSTBL LOAD
0055 C. *****
0056 . S. RAM ram-820:EIS_OBSTBL
0057 ( )
0058 +. DC 07-FC EIS_DUMP_OBSTBL
0059 BC (07 07 07 00 00 70 00)
0060 C.
0061 C. Execute, after the success of OBSTBL upload.
0062 C. Set EIS TI-commands
0063 +. TI 2021-09-23 10:16:50.0
0064 DC 07-FC EIS_MODE_CHG_ENA
0065 BC (20)
0066 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0067 C. *****
0068 C. EIS END OBSTBL LOAD
0069 C. *****
0070 C.
0071 . C. ***** MDP ^¿ÁÍ«Í»ò¼Y«ÈÁ«¹«èDCBC•x²è *****
0072 C. (¼«°ÍYÓYÁYÈYBpYÈYáYçYÈ«E¼«¼«¼Á»Ü«¹«è)
0073 . S. DC-BC dcbc-402:DCBC
0074 (MDP_known_event)
0075 C.
0076 C.
0077 . C. ***** YDÝ!•Ĭ Daily¿¿ĬÑ«Ĭ`Ø«¹«èDCBC•x²è *****
0078 . S. DC-BC dcbc-153:DCBC
0079 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0080 C.
0081 C.
0082 . C. ;ãLOSÝÁYŠYÁY~¼Á»Ü;ã
0083 C.
0084 . C. ***** LOS *****
0085 C.
```



```

0096 C.
0097 C.
0098 . C. *****
0099 C. SOT table upload
0100 C. *****
0101 . C. < Stop SP table >
0102 +. DC 07-F0 MDP_SP_CTRL_MANU
0103 BC (61)
0104 C. -----
0105 C. MDP_SP_CTRL_MODE = MANU [ ]
0106 C. -----
0107 C.
0108 . C. <Upload SP Observation Table>
0109 . S. RAM ram-284:MDP_OBS_S
0110 ( )
0111 C.
0112 . C. < Dump RAMID=MDP_OBS_S >
0113 +. DC 07-F0 MDP_DUMP_SPTBL
0114 BC (83 07 00 00 00 38 b8)
0115 C. -----
0116 C. MDP_OBS_S verify = OK/NG [ ]
0117 C. -----
0118 C.
0119 C. *****
0120 C. SOT TI command set
0121 C. *****
0122 C. Execute, after the success of TBL upload.
0123 +. TI 2021-09-23 10:16:18.0
0124 DC 07-F0 MDP_SOT_MODE_OBSV
0125 BC (40)
0126 . C. -----
0127 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0128 C. -----
0129 C.
0130 C.
0131 C. ***** XRT START *****
0132 C.
0133 +. DC 07-F0 MDP_XRT_CTRL_MANU
0134 BC (c1)
0135 + DC 07-F0 MDP_XRT_MODE_STBY
0136 BC (c3)
0137 . C. ----- Success Verify ? OK / NG____
0138 C.
0139 C. XRT Obs. Table Upload
0140 . S. RAM ram-291:MDP_OBS_X
0141 ( )
0142 C.
0143 +. DC 07-F0 MDP_DUMP_XRTTBL
0144 BC (84 07 00 00 00 3a d4)
0145 . C. ----- Comparison Check ? OK / ERR ____
0146 C.
0147 C.
0148 +. DC 07-F0 MDP_XRT_ROI_SET
0149 BC (cd 01 b1 b1 04 04)
0150 + DC 07-F0 MDP_XRT_ROI_SET
0151 BC (cd 02 b1 b1 08 08)
0152 + DC 07-F0 MDP_XRT_ROI_SET
0153 BC (cd 03 b1 b1 08 08)
0154 + DC 07-F0 MDP_XRT_ROI_SET
0155 BC (cd 04 b1 b1 06 06)
0156 + DC 07-F0 MDP_XRT_ROI_SET
0157 BC (cd 05 85 83 06 06)
0158 + DC 07-F0 MDP_XRT_ROI_SET
0159 BC (cd 06 85 83 06 06)
0160 + DC 07-F0 MDP_XRT_ROI_SET
0161 BC (cd 07 80 80 20 20)
0162 + DC 07-F0 MDP_XRT_ROI_SET
0163 BC (cd 08 80 80 20 08)
0164 + DC 07-F0 MDP_XRT_ROI_SET
0165 BC (cd 09 80 80 08 20)
0166 + DC 07-F0 MDP_XRT_ROI_SET
0167 BC (cd 0a 80 80 08 08)
0168 + DC 07-F0 MDP_XRT_ROI_SET
0169 BC (cd 0b 85 83 08 08)
0170 + DC 07-F0 MDP_XRT_ROI_SET
0171 BC (cd 0f 80 80 06 06)
0172 + DC 07-F0 MDP_XRT_ROI_SET
0173 BC (cd 10 80 80 08 08)
0174 + DC 07-F0 MDP_XRT_FLD_ENA
0175 BC (d8)
0176 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0177 BC (c8)
0178 + DC 07-F0 MDP_XRT_ARS_DIS
0179 BC (d5)
0180 + DC 07-F0 MDP_XRT_AEC_RESET
0181 BC (d0)
0182 + DC 07-F0 MDP_XRT_FLD_RESET
0183 BC (da)
0184 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0185 BC (c4 0a)
0186 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0187 BC (c5 04)
0188 . C. ----- Success Verify ? OK / NG ____
0189 C.
0190 C.
0191 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0192 C.
0193 +. DC 07-F0 MDP_XRT_MODE_OBSV

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```
0194 BC (c2)
0195 +. TI 2021-09-23 10:16:02.0
0196 DC 07-F0 MDP_XRT_MODE_OBSV
0197 BC (c2)
0198 . C. ----- Success Verify ? OK / NG ____
0199 C.
0200 C. ***** XRT END *****
0201 C.
0202 . C. ***** MDP 'úÃîâî»ô¼ÝðÈÂð¹æDCBC•x²è *****
0203 C. (¼â°îÝÖÝÃÝÈÝÞÝÈÝÁÝçÝèæ¼¼¼¼¼¼»Û¹æè)
0204 . S. DC-BC dcbc-402:DCBC
0205 (MDP_known_event)
0206 C.
0207 C.
0208 . C. ***** ÝÐÝ¹•İ Daily±¿İÑæÈ´Ø¹æDCBC•x²è *****
0209 . S. DC-BC dcbc-153:DCBC
0210 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0211 C.
0212 C.
0213 . C. ;ãLOSÝÁÝ§ÝÃÝ-¼Â»Û;ã
0214 C.
0215 . C. ***** LOS *****
0216 C.
```

Sep 23, 21 12:31

XRT_OGLIST_0888.chk

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*** OP Sequence for XRT ***

| | | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|
| 2021/09/23 | 10:25:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/09/23 | 10:25:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/09/23 | 10:25:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2021/09/23 | 10:27:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 03 a5 01 f3 | | | |
| 2021/09/23 | 10:28:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2021/09/23 | 10:40:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/09/23 | 10:40:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/09/23 | 10:40:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | |
| 2021/09/23 | 10:40:48.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2021/09/23 | 10:40:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2021/09/23 | 10:40:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2021/09/23 | 10:40:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2021/09/23 | 10:40:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/09/23 | 10:43:26.0 | XRT_QT_PROG_SET_449_OG [0x1c1] | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | | | |
| 2021/09/23 | 10:43:28.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | | | |
| 2021/09/23 | 10:43:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/09/23 | 11:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/09/23 | 11:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/09/23 | 11:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | |
| 2021/09/23 | 12:00:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 01 03 a5 01 f3 | | | |
| 2021/09/23 | 12:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2021/09/23 | 12:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2021/09/23 | 12:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2021/09/23 | 12:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2021/09/23 | 12:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/09/23 | 12:02:56.0 | XRT_QT_PROG_SET_405_OG [0x195] | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0a | | | |
| 2021/09/23 | 12:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | | | |
| 2021/09/23 | 12:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/09/23 | 15:51:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/09/23 | 15:51:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/09/23 | 15:51:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2021/09/23 | 15:54:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2021/09/23 | 16:03:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/09/23 | 16:04:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/09/23 | 17:26:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/09/23 | 17:26:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2021/09/23 | 17:26:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2021/09/23 | 17:29:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2021/09/23 | 17:49:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/09/23 | 17:50:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2021/09/23 | 18:04:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/09/23 | 18:04:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2021/09/23 | 18:04:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | |
| 2021/09/23 | 18:04:30.0 | AOCS_ORe-point_Start_3_OG [0x099] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | |
| 2021/09/23 | 18:04:48.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | |
| 2021/09/23 | 18:04:50.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | |
| 2021/09/23 | 18:04:52.0 | XRT_ARS_DIS_420_OG [0x1a4] | | | | | | |

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|------------|------------|-----------------------------------|---------------------------|---|-------|-------|----------|
| 2021/09/23 | 18:07:28.0 | XRT_QT_PROG_SET_404_OG [0x194] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2021/09/23 | 18:07:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 13 |
| 2021/09/23 | 18:14:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/09/23 | 18:14:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/09/23 | 18:14:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/09/23 | 18:14:30.0 | AOCS_Ore-point_Start_2_OG [0x098] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe 97 00 |
| 2021/09/23 | 18:14:48.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 01 03 | a5 01 f3 |
| 2021/09/23 | 18:14:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2021/09/23 | 18:14:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2021/09/23 | 18:14:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2021/09/23 | 18:14:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2021/09/23 | 18:17:26.0 | XRT_QT_PROG_SET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/09/23 | 18:17:28.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 06 |
| 2021/09/23 | 18:17:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 |
| 2021/09/23 | 19:03:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/09/23 | 19:03:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/09/23 | 19:03:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/09/23 | 19:06:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/09/23 | 19:26:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/09/23 | 19:27:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/09/23 | 20:40:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/09/23 | 20:40:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/09/23 | 20:40:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/09/23 | 20:43:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/09/23 | 21:03:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/09/23 | 21:04:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/09/23 | 22:17:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/09/23 | 22:17:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/09/23 | 22:17:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/09/23 | 22:20:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/09/23 | 22:40:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/09/23 | 22:41:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/09/23 | 23:54:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/09/23 | 23:54:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/09/23 | 23:54:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/09/23 | 23:57:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/09/24 | 00:14:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/09/24 | 00:15:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/09/24 | 01:31:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/09/24 | 01:31:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/09/24 | 01:31:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/09/24 | 01:34:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/09/24 | 01:38:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/09/24 | 01:39:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | | | | |
| 2021/09/24 | 01:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/09/24 | 01:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/09/24 | 01:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/09/24 | 02:00:00.0 | AOCS_ORe-point_Start_3_OG [0x099] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff aa 00 |
| 2021/09/24 | 02:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 00 00 | 00 00 00 |

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|------------|------------|-----------------------------------|---------------------|---|-------|----|-------------|
| 2021/09/24 | 02:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| | | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2021/09/24 | 02:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2021/09/24 | 02:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2021/09/24 | 02:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/09/24 | 02:02:56.0 | XRT_QT_PROG_SET_414_OG [0x19e] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 02 |
| 2021/09/24 | 02:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 |
| 2021/09/24 | 02:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/09/24 | 02:54:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/09/24 | 02:54:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/09/24 | 02:54:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/09/24 | 02:57:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/09/24 | 03:14:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2021/09/24 | 03:15:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/09/24 | 04:27:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/09/24 | 04:27:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/09/24 | 04:27:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/09/24 | 04:30:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/09/24 | 05:34:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/09/24 | 05:34:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/09/24 | 05:34:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff aa 00 |
| 2021/09/24 | 05:34:48.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2021/09/24 | 05:34:50.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2021/09/24 | 05:34:52.0 | XRT_ARS_DIS_420_OG [0x1a4] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2021/09/24 | 05:37:28.0 | XRT_QT_PROG_SET_404_OG [0x194] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 13 |
| 2021/09/24 | 05:37:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/09/24 | 05:44:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/09/24 | 05:44:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/09/24 | 05:44:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe 97 00 |
| 2021/09/24 | 05:44:30.0 | AOCS_ORe-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 01 | 03 a5 01 f3 |
| 2021/09/24 | 05:44:48.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2021/09/24 | 05:44:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2021/09/24 | 05:44:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2021/09/24 | 05:44:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2021/09/24 | 05:44:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/09/24 | 05:47:26.0 | XRT_QT_PROG_SET_405_OG [0x195] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0a |
| 2021/09/24 | 05:47:28.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 |
| 2021/09/24 | 05:47:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/09/24 | 06:01:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/09/24 | 06:01:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2021/09/24 | 06:01:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2021/09/24 | 06:04:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2021/09/24 | 06:29:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2021/09/24 | 06:30:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2021/09/24 | 07:29:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/09/24 | 07:29:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2021/09/24 | 07:29:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe 97 00 |
| 2021/09/24 | 07:30:00.0 | AOCS_ORe-point_Start_4_OG [0x09a] | AOCU_NM | 5 | 02-76 | 02 | 03 a5 01 f3 |

| | | | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----|----|----|----|----|
| 2021/09/24 | 07:30:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/09/24 | 07:30:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2021/09/24 | 07:30:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2021/09/24 | 07:30:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/09/24 | 07:30:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/09/24 | 07:32:56.0 | XRT_QT_PROG_SET_401_OG [0x191] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 01 | | | |
| 2021/09/24 | 07:32:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | | | |
| 2021/09/24 | 07:33:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/09/24 | 07:41:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/09/24 | 07:41:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/09/24 | 07:41:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/09/24 | 07:44:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/09/24 | 08:06:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/09/24 | 08:07:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/09/24 | 09:21:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/09/24 | 09:21:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/09/24 | 09:21:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/09/24 | 09:24:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/09/24 | 09:42:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/09/24 | 09:43:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/09/24 | 11:02:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/09/24 | 11:02:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/09/24 | 11:02:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/09/24 | 11:05:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/09/24 | 11:15:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/09/24 | 11:16:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/09/24 | 11:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/09/24 | 11:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/09/24 | 11:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2021/09/24 | 12:00:00.0 | AOCS_OrE-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 01 | 03 | a5 | 01 | f3 |
| 2021/09/24 | 12:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/09/24 | 12:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2021/09/24 | 12:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2021/09/24 | 12:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/09/24 | 12:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/09/24 | 12:02:56.0 | XRT_QT_PROG_SET_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 06 | | | |
| 2021/09/24 | 12:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | | | |
| 2021/09/24 | 12:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/09/24 | 16:25:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/09/24 | 16:25:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/09/24 | 16:25:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/09/24 | 16:28:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/09/24 | 16:48:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/09/24 | 16:49:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/09/24 | 17:36:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/09/24 | 17:36:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/09/24 | 17:36:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2021/09/24 | 17:37:00.0 | AOCS_OrE-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| 2021/09/24 | 17:37:18.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |

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|------------|------------|-----------------------------------|---------------------------|---|-------|----------------|
| 2021/09/24 | 17:37:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2021/09/24 | 17:37:22.0 | XRT_ARS_DIS_420_OG [0x1a4] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2021/09/24 | 17:39:58.0 | XRT_QT_PROG_SET_404_OG [0x194] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2021/09/24 | 17:40:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 13 |
| 2021/09/24 | 17:46:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/09/24 | 17:46:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/09/24 | 17:46:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/09/24 | 17:47:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2021/09/24 | 17:47:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 01 03 a5 01 f3 |
| 2021/09/24 | 17:47:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2021/09/24 | 17:47:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2021/09/24 | 17:47:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2021/09/24 | 17:47:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2021/09/24 | 17:49:56.0 | XRT_QT_PROG_SET_433_OG [0x1b1] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/09/24 | 17:49:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 06 |
| 2021/09/24 | 17:50:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 |
| 2021/09/24 | 18:01:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/09/24 | 18:01:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/09/24 | 18:01:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/09/24 | 18:04:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/09/24 | 18:24:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/09/24 | 18:25:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/09/24 | 19:38:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/09/24 | 19:38:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/09/24 | 19:38:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/09/24 | 19:41:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/09/24 | 20:01:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/09/24 | 20:02:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/09/24 | 21:15:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/09/24 | 21:15:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/09/24 | 21:15:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/09/24 | 21:18:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/09/24 | 21:38:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/09/24 | 21:39:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | | | |
| 2021/09/24 | 22:52:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2021/09/24 | 22:52:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/09/24 | 22:52:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2021/09/24 | 22:55:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2021/09/24 | 22:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2021/09/24 | 22:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/09/24 | 22:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2021/09/24 | 23:00:00.0 | AOCS_Ore-point_Start_5_OG [0x09b] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2021/09/24 | 23:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 03 00 00 00 00 |
| 2021/09/24 | 23:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2021/09/24 | 23:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2021/09/24 | 23:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2021/09/24 | 23:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2021/09/24 | 23:02:56.0 | XRT_QT_PROG_SET_446_OG [0x1be] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |

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|------------|------------|-----------------------------------|---------------------|---|-------|----|----|----------|
| 2021/09/24 | 23:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0e | |
| | | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | |
| 2021/09/24 | 23:14:31.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/09/24 | 23:15:31.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/09/25 | 00:30:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/09/25 | 00:30:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/09/25 | 00:30:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/09/25 | 00:33:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/09/25 | 00:42:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/09/25 | 00:43:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/09/25 | 01:57:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/09/25 | 01:57:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/09/25 | 01:57:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/09/25 | 01:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/09/25 | 01:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/09/25 | 01:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | |
| | | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa 00 |
| 2021/09/25 | 02:00:00.0 | AOCs_OrE-point_Start_3_OG [0x099] | | | | | | |
| | | | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 00 00 |
| 2021/09/25 | 02:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | |
| | | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2021/09/25 | 02:00:20.5 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | |
| | | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2021/09/25 | 02:00:22.5 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | |
| | | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2021/09/25 | 02:00:24.5 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2021/09/25 | 02:00:26.5 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/09/25 | 02:00:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/09/25 | 02:02:56.5 | XRT_QT_PROG_SET_414_OG [0x19e] | | | | | | |
| | | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 02 | |
| 2021/09/25 | 02:02:58.5 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | |
| | | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | |
| 2021/09/25 | 02:13:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/09/25 | 02:14:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/09/25 | 03:29:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/09/25 | 03:29:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/09/25 | 03:29:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/09/25 | 03:32:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/09/25 | 03:49:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2021/09/25 | 03:50:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/09/25 | 04:57:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/09/25 | 04:57:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2021/09/25 | 04:57:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2021/09/25 | 05:00:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2021/09/25 | 05:54:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/09/25 | 05:54:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/09/25 | 05:54:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | |
| | | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa 00 |
| 2021/09/25 | 05:54:48.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | |
| | | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | |
| 2021/09/25 | 05:54:50.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | |
| | | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | |
| 2021/09/25 | 05:54:52.0 | XRT_ARS_DIS_420_OG [0x1a4] | | | | | | |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2021/09/25 | 05:57:28.0 | XRT_QT_PROG_SET_404_OG [0x194] | | | | | | |
| | | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 13 | |
| 2021/09/25 | 05:57:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2021/09/25 | 06:04:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/09/25 | 06:04:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2021/09/25 | 06:04:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | |
| | | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 00 |
| 2021/09/25 | 06:04:30.0 | AOCs_OrE-point_Start_2_OG [0x098] | | | | | | |
| | | | AOCU_NM | 5 | 02-76 | 01 | 03 | a5 01 f3 |

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|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2021/09/25 | 06:04:48.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/09/25 | 06:04:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2021/09/25 | 06:04:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2021/09/25 | 06:04:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/09/25 | 06:04:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/09/25 | 06:07:26.0 | XRT_QT_PROG_SET_405_OG [0x195] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0a | | | | |
| 2021/09/25 | 06:07:28.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | | | | |
| 2021/09/25 | 06:07:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/09/25 | 06:37:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/09/25 | 06:37:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/09/25 | 06:37:34.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/09/25 | 06:40:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/09/25 | 07:04:00.5 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/09/25 | 07:05:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/09/25 | 07:29:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/09/25 | 07:29:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/09/25 | 07:29:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2021/09/25 | 07:30:00.0 | AOCS_ORe-point_Start_4_OG [0x09a] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 03 a5 01 f3 | | | | |
| 2021/09/25 | 07:30:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2021/09/25 | 07:30:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2021/09/25 | 07:30:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2021/09/25 | 07:30:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2021/09/25 | 07:30:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/09/25 | 07:32:56.0 | XRT_QT_PROG_SET_401_OG [0x191] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 01 | | | | |
| 2021/09/25 | 07:32:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | | | | |
| 2021/09/25 | 07:33:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/09/25 | 08:18:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/09/25 | 08:18:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2021/09/25 | 08:18:04.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2021/09/25 | 08:21:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2021/09/25 | 08:41:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2021/09/25 | 08:42:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2021/09/25 | 09:25:00.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2021/09/25 | 10:01:00.0 | AOCS_ORe-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |