

XRT Timeline to be uploaded on 2022/09/17

Period: 2022/09/17 11:30:00 - 2022/09/22 11:11:00

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Normal mode

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XOB #1CD7: 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 |
|---------------------------------|---|--|
| 09/17 11:47:00 - 09/17 17:59:54 | Fixed (865.0, 260.0) | # OP start + 10min. AR 13098 limb observatins. |
| 09/17 18:13:00 - 09/18 03:59:54 | Track (-200.6, -577.9) ^{Ⓢ 09/17 18:10:00} | # AR 13102 observations. |
| 09/18 06:26:30 - 09/18 10:59:54 | Track (-104.4, -579.8) ^{Ⓢ 09/18 06:23:30} | # AR cont. |
| 09/18 18:13:00 - 09/18 21:56:54 | Track (-10.7, -580.2) ^{Ⓢ 09/18 18:10:00} | # AR cont. |
| 09/19 01:10:00 - 09/19 03:59:54 | Track (-10.7, -580.2) ^{Ⓢ 09/18 18:10:00} | # AR cont. |
| 09/19 05:58:30 - 09/19 17:47:24 | Track (82.8, -579.4) ^{Ⓢ 09/19 05:55:30} | # AR cont. |
| 09/19 18:00:30 - 09/19 21:56:54 | Track (177.2, -577.1) ^{Ⓢ 09/19 17:57:30} | # AR cont. |
| 09/20 01:10:00 - 09/20 03:39:00 | Track (177.2, -577.1) ^{Ⓢ 09/19 17:57:30} | # AR cont. |
| 09/20 06:13:00 - 09/20 10:55:00 | Track (270.4, -573.5) ^{Ⓢ 09/20 06:10:00} | # AR cont. |

PROG= 13 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) | 180.0sec | | | | | | | | | | |
| 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 #1BC0: Synoptic Q95 2x2 - Al/mesh(8/128/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(12/181/1443) + Th

| Term | Pointing (x, y) | Comment |
|---------------------------------|-------------------|---|
| 09/17 18:03:00 - 09/17 18:09:54 | Fixed (0.0, 0.0) | synoptic |
| 09/18 06:16:00 - 09/18 06:23:24 | Fixed (0.0, 0.0) | # HOP 349 + synoptic, shifted 13.5 min |
| 09/19 05:49:00 - 09/19 05:55:24 | Fixed (0.0, 0.0) | # HOP 349 + synoptic, shifted -14.5 min |
| 09/19 17:50:30 - 09/19 17:57:24 | Fixed (0.0, 0.0) | synoptic, shifted -12.5 min |
| 09/20 06:03:00 - 09/20 06:09:54 | Fixed (0.0, 0.0) | # HOP 349 + synoptic |

PROG= 18 1-time(s)

| Subr= 1 | 1-time(s) | 2.0sec | | | | | | | | | | |
|----------------|------------------|--------|------|-------|-------|-----|-----|------------------------|-------|------------|----------|--------|
| Seqn= 5 | 1-time(s) | 2.0sec | | | | | | | | | | |
| Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 4x4 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 8x8 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 1x1 | 2048x512 (1024, 1024) | DPCM | 0 | 0 | 2.0sec |
| Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 500ms | Obs | 1x1 | 512x2048 (1024, 1024) | DPCM | 0 | 0 | 2.0sec |
| Seqn= 63 | 1-time(s) | 2.0sec | | | | | | | | | | |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 8ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 125ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 1.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 15 | 1-time(s) | 2.0sec | | | | | | | | | | |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 12ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 177ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Al-poly/Open | Al-poly/thick-Al | close | Safe | Norm | 1.41s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 27 | 1-time(s) | 2.0sec | | | | | | | | | | |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 63ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 1.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 5.66s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 23 | 1-time(s) | 2.0sec | | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 2048x2048 (1024, 1024) | Q=90 | 0 | 0 | 2.0sec |
| Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

XOB #1CD0: HOP349 - 3-filter Synoptics (Al-mesh[2/128/723], Al-poly[12/181/1443], thin-Be[24/512/3897] with 512x512 G-band+Leak - 300min cad) + CME w

| Term | Pointing (x, y) | Comment |
|---------------------------------|-------------------|---|
| 09/18 04:03:00 - 09/18 06:12:54 | Fixed (0.0, 0.0) | # HOP 349 + synoptic, shifted 13.5 min |
| 09/19 04:03:00 - 09/19 05:45:54 | Fixed (0.0, 0.0) | # HOP 349 + synoptic, shifted -14.5 min |
| 09/20 04:03:00 - 09/20 05:59:54 | Fixed (0.0, 0.0) | # HOP 349 + synoptic |

PROG= 15 Inf.-time(s)

| Subr= 1 | 1-time(s) | 300.0sec | | | | | | | | | | |
|----------|-----------|----------|--|--|--|--|--|--|--|--|--|--|
| Seqn= 55 | 1-time(s) | 2.0sec | | | | | | | | | | |

| | | | | | | | | | | | | |
|------------------------------------|------------------|-------|------|-------|-------|-----|-----|------------------------|-------|------------|----------|--------|
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 2ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 125ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 707ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 15 1-time(s) 2.0sec | | | | | | | | | | | | |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 12ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 177ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Al-poly/Open | Al-poly/thick-Al | close | Safe | Norm | 1.41s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 79 1-time(s) 2.0sec | | | | | | | | | | | | |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 16ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 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 | 2.83s | 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 20-time(s) 900.0sec | | | | | | | | | | | | |
| 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= 74 1-time(s) 2.0sec | | | | | | | | | | | | |
| med-Be/Open | med-Be/Open | close | Safe | Norm | 500ms | Obs | 4x4 | 2048x2048 (1024, 1024) | Q=98 | 3 | 0 | 2.0sec |
| med-Be/Open | med-Be/Open | close | Safe | Norm | 2.00s | Obs | 4x4 | 2048x2048 (1024, 1024) | Q=98 | 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 #1CDF: HOP81/206 1-filter - Al/poly 6s, 60s cadence, G-band - 384x384 1ms

| Term | Pointing (x, y) | Comment |
|-----------------------------------|-----------------------|--|
| 09/18 11:03:00 - 09/18 17:36:30 | Fixed (-21.0, 856.0) | # HOP 206 (North pole). |
| PROG= 17 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 60-time(s) 60.0sec | | |
| Seqn= 24 1-time(s) 30.0sec | | |
| Al-poly/Open | Al-poly/Open close | Safe Norm 5.66s Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec |
| Default Filter | Thicker Filter | VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval |

XOB #1CCB: Synoptic 7 Filter w/ Al-mesh(8/128/1024), Al-poly(12/181/1443), Thin-Be(64/1024/5795) - Thick-Be(65536), Al-poly+Ti-poly(64/2048), Med-Al(2048)

| Term | Pointing (x, y) | Comment |
|----------------------------------|------------------------|--|
| 09/18 18:03:00 - 09/18 18:09:54 | Fixed (0.0, 0.0) | synoptic |
| PROG= 05 1-time(s) | | |
| Subr= 1 1-time(s) 2.0sec | | |
| Seqn= 5 1-time(s) 2.0sec | | |
| Open/Ti-poly | Open/thick-Al close | Safe Dark 500ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec |
| Open/Ti-poly | Open/thick-Al close | Safe Dark 500ms Obs 4x4 2048x2048 (1024, 1024) Q=98 0 0 2.0sec |
| Open/Ti-poly | Open/thick-Al close | Safe Dark 500ms Obs 8x8 2048x2048 (1024, 1024) Q=98 0 0 2.0sec |
| Open/Ti-poly | Open/thick-Al close | Safe Dark 500ms Obs 1x1 2048x512 (1024, 1024) DPCM 0 0 2.0sec |
| Open/Ti-poly | Open/thick-Al close | Safe Dark 500ms Obs 1x1 512x2048 (1024, 1024) DPCM 0 0 2.0sec |
| Seqn= 63 1-time(s) 2.0sec | | |
| Open/Al-mesh | Open/Al-mesh close | Safe Norm 8ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec |
| Open/Al-mesh | Open/Al-mesh close | Safe Norm 125ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec |
| Open/Al-mesh | Open/Al-mesh close | Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec |
| Seqn= 15 1-time(s) 2.0sec | | |
| Al-poly/Open | Al-poly/Open close | Safe Norm 12ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec |
| Al-poly/Open | Al-poly/Open close | Safe Norm 177ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec |
| Al-poly/Open | Al-poly/thick-Al close | Safe Norm 1.41s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec |
| Seqn= 27 1-time(s) 2.0sec | | |
| thin-Be/Open | thin-Be/Open close | Safe Norm 63ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec |
| thin-Be/Open | thin-Be/Open close | Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec |
| thin-Be/Open | thin-Be/Open close | Safe Norm 5.66s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec |
| Seqn= 23 1-time(s) 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= 93 1-time(s) 2.0sec | | |
| med-Al/Open | med-Al/thick-Al close | Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec |
| med-Al/Open | med-Al/Open close | Safe Norm 22.6s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec |
| Seqn= 56 1-time(s) 2.0sec | | |
| Al-poly/Ti-poly | Al-poly/thick-Al close | Safe Norm 63ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec |

| | | | | | | | | | | | | |
|-----------------|------------------|-------|------|-------|-------|-----|-----|------------------------|-------|------------|----------|--------|
| Al-poly/Ti-poly | Al-poly/thick-Al | close | Safe | Norm | 2.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

XOB #1CC3: HOP361 - High cadence (10s thin-Be only) 256x256 at 1064 1048

| Term | Pointing (x, y) | Comment |
|---------------------------------|---|------------|
| 09/18 22:00:00 - 09/19 01:06:54 | Track (-10.7, -580.2) @ 09/18 18:10:00 | # AR cont. |
| 09/19 22:00:00 - 09/20 01:06:54 | Track (177.2, -577.1) @ 09/19 17:57:30 | # AR cont. |

PROG= 02 Inf.-time(s)

| | | | | | | | | | | | | | |
|----------------|------------------|--------------------|----------------|------|-------|-------|-----|-----|----------------------|-------|------------|----------|--------|
| Subr= 1 | 1-time(s) | 2.0sec | | | | | | | | | | | |
| └─ | Seqn= 12 | 1-time(s) | 2.0sec | | | | | | | | | | |
| └─┬─ | Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 256x256 (1064, 1048) | DPCM | 0 | 0 | 2.0sec |
| └─┬─ | Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 256x256 (1064, 1048) | DPCM | 0 | 0 | 2.0sec |
| └─┬─ | Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 16.0s | Obs | 1x1 | 256x256 (1064, 1048) | Q=98 | 0 | 0 | 2.0sec |
| └─ | Subr= 2 | 1-time(s) | 2.0sec | | | | | | | | | | |
| └─┬─ | Seqn= 28 | 250-time(s) | 10.0sec | | | | | | | | | | |
| └─┬─┬─ | thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 1x1 | 256x256 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| └─┬─┬─ | Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

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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-Al,thick-Be -384x384 + Al-poly 512x512 2x2) + GB

| Term | Pointing (x, y) | Comment |
|---------------------------------|--|--|
| 09/17 11:47:00 - 09/17 17:59:54 | Fixed (865.0, 260.0) | # OP start + 10min. AR 13098 limb observatins. |
| 09/17 18:13:00 - 09/18 03:59:54 | Track (-200.6, -577.9) @ 09/17 18:10:00 | # AR 13102 observations. |
| 09/18 04:03:00 - 09/18 04:41:54 | Fixed (0.0, 0.0) | # HOP 349 + synoptic, shifted 13.5 min |
| 09/18 04:45:00 - 09/18 06:12:54 | Fixed (0.0, 0.0) | # HOP 349 + synoptic, shifted 13.5 min |
| 09/18 06:26:30 - 09/18 10:59:54 | Track (-104.4, -579.8) @ 09/18 06:23:30 | # AR cont. |
| 09/18 11:03:00 - 09/18 17:36:30 | Fixed (-21.0, 856.0) | # HOP 206 (North pole). |
| 09/18 18:13:00 - 09/18 21:56:54 | Track (-10.7, -580.2) @ 09/18 18:10:00 | # AR cont. |
| 09/18 22:00:00 - 09/19 01:06:54 | Track (-10.7, -580.2) @ 09/18 18:10:00 | # AR cont. |
| 09/19 01:10:00 - 09/19 03:59:54 | Track (-10.7, -580.2) @ 09/18 18:10:00 | # AR cont. |
| 09/19 04:03:00 - 09/19 05:45:54 | Fixed (0.0, 0.0) | # HOP 349 + synoptic, shifted -14.5 min |
| 09/19 05:58:30 - 09/19 17:47:24 | Track (82.8, -579.4) @ 09/19 05:55:30 | # AR cont. |
| 09/19 18:00:30 - 09/19 21:56:54 | Track (177.2, -577.1) @ 09/19 17:57:30 | # AR cont. |
| 09/19 22:00:00 - 09/20 01:06:54 | Track (177.2, -577.1) @ 09/19 17:57:30 | # AR cont. |
| 09/20 01:10:00 - 09/20 03:39:00 | Track (177.2, -577.1) @ 09/19 17:57:30 | # AR cont. |
| 09/20 04:03:00 - 09/20 05:59:54 | Fixed (0.0, 0.0) | # HOP 349 + synoptic |
| 09/20 06:13:00 - 09/20 10:55:00 | Track (270.4, -573.5) @ 09/20 06:10:00 | # AR cont. |

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-Al | 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-Al | 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-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

* * * * *

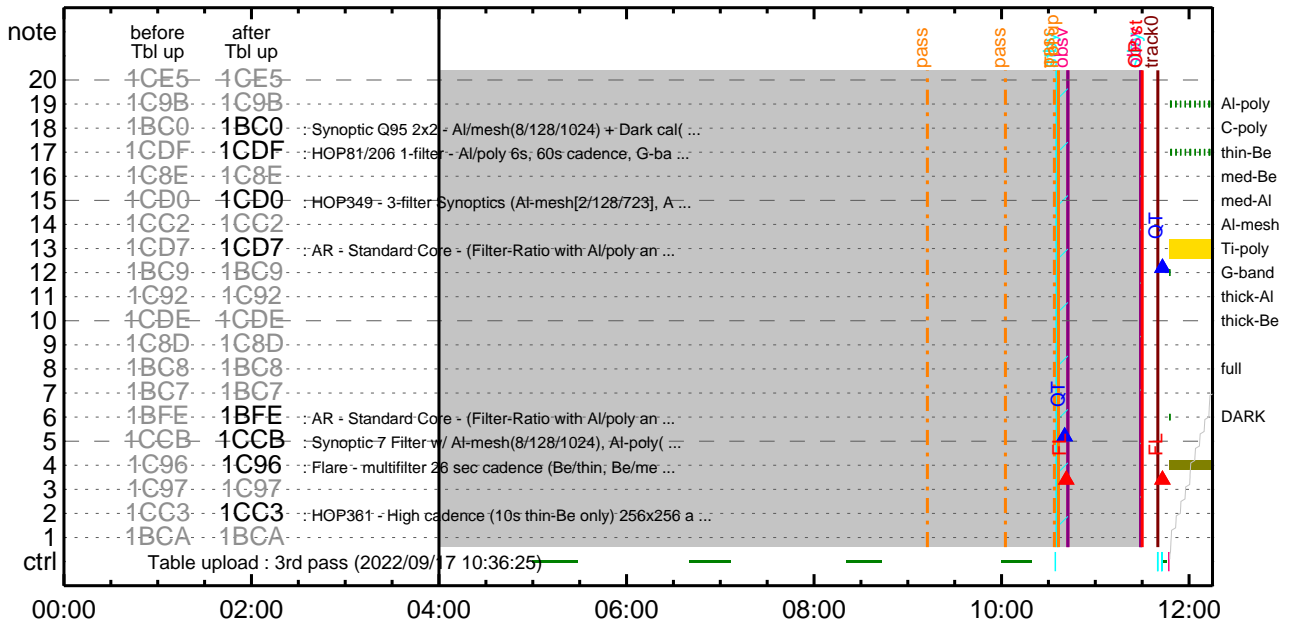
Flare Detection

* * * * *

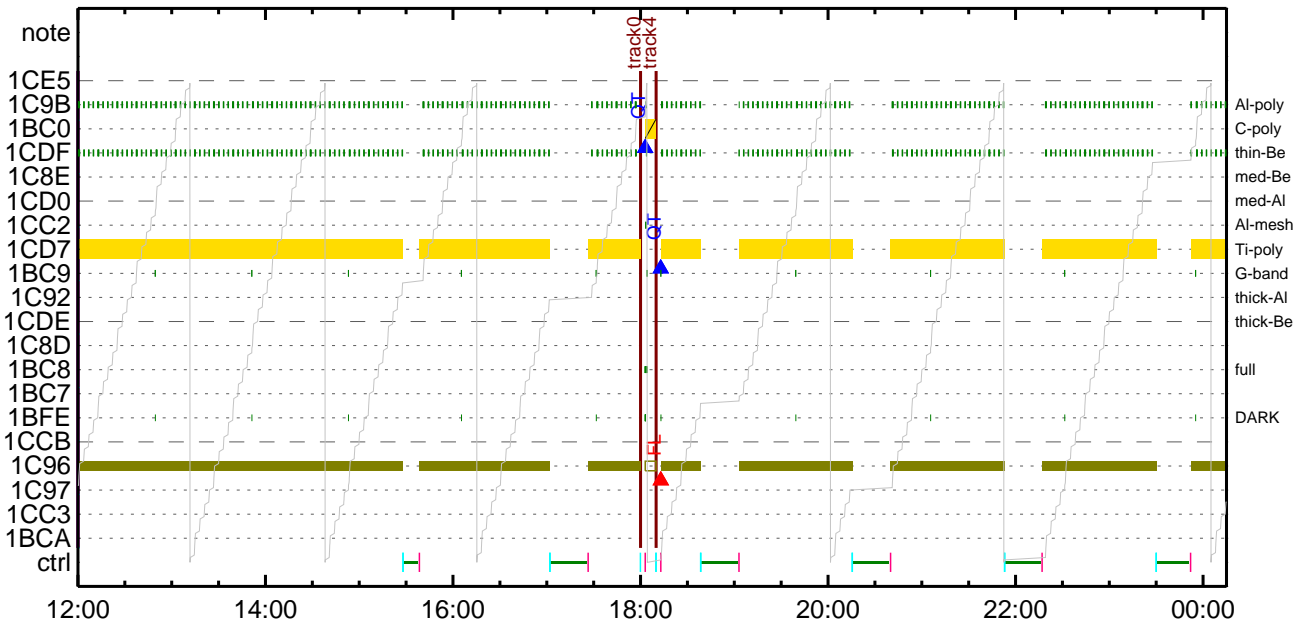
FLD Patrol

| Term | Pointing (x, y) | Comment | | | | | | | | | | |
|---------------------------------|--|--------------------------|------|-------|------|-----|-----|--------------------|-------|------------|----------|-------|
| 09/17 10:37:25 - 09/17 18:00:16 | cannot be identified | | | | | | | | | | | |
| 09/17 18:10:18 - 09/18 06:13:16 | Track (-200.6, -577.9) @ 09/17 18:10:00 | # AR 13102 observations. | | | | | | | | | | |
| 09/18 06:23:48 - 09/18 18:00:16 | Track (-104.4, -579.8) @ 09/18 06:23:30 | # AR cont. | | | | | | | | | | |
| 09/18 18:10:18 - 09/19 05:46:16 | Track (-10.7, -580.2) @ 09/18 18:10:00 | # AR cont. | | | | | | | | | | |
| 09/19 05:55:48 - 09/19 17:47:46 | Track (82.8, -579.4) @ 09/19 05:55:30 | # AR cont. | | | | | | | | | | |
| 09/19 17:57:48 - 09/20 06:00:16 | Track (177.2, -577.1) @ 09/19 17:57:30 | # AR cont. | | | | | | | | | | |
| 09/20 06:10:18 - 09/22 11:11:00 | Track (270.4, -573.5) @ 09/20 06:10:00 | # AR cont. | | | | | | | | | | |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 4ms | Obs | 8x8 | | Q=50 | | | 30sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

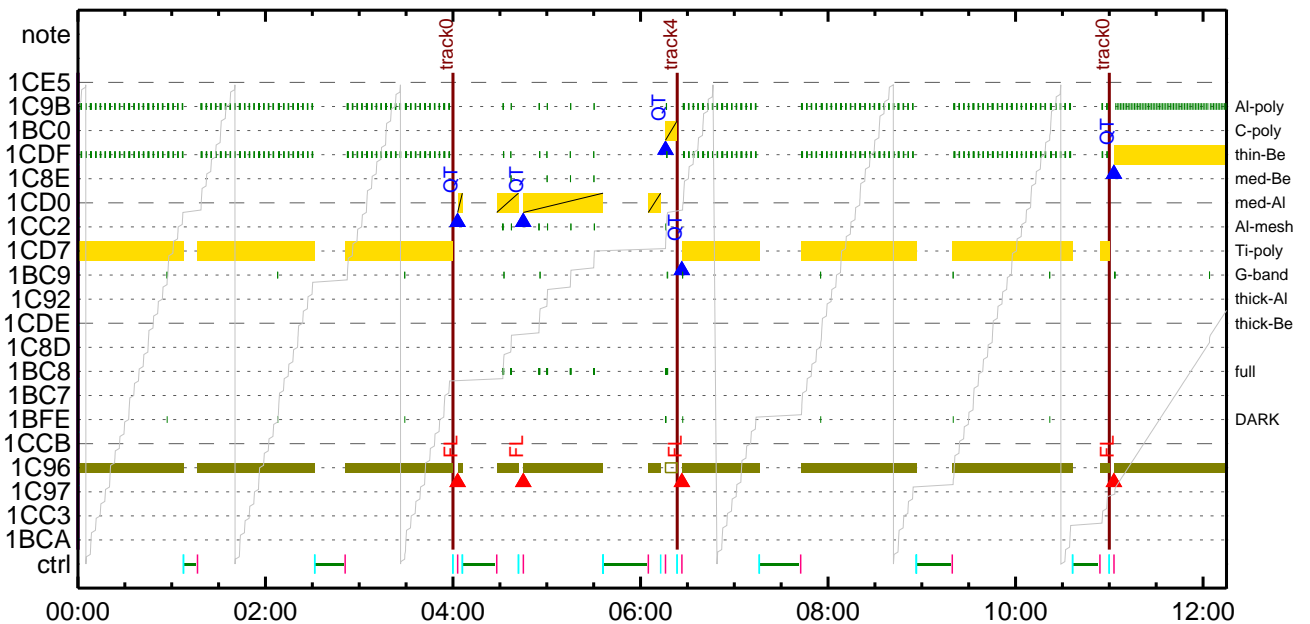
CMDI #0595 2022/09/17



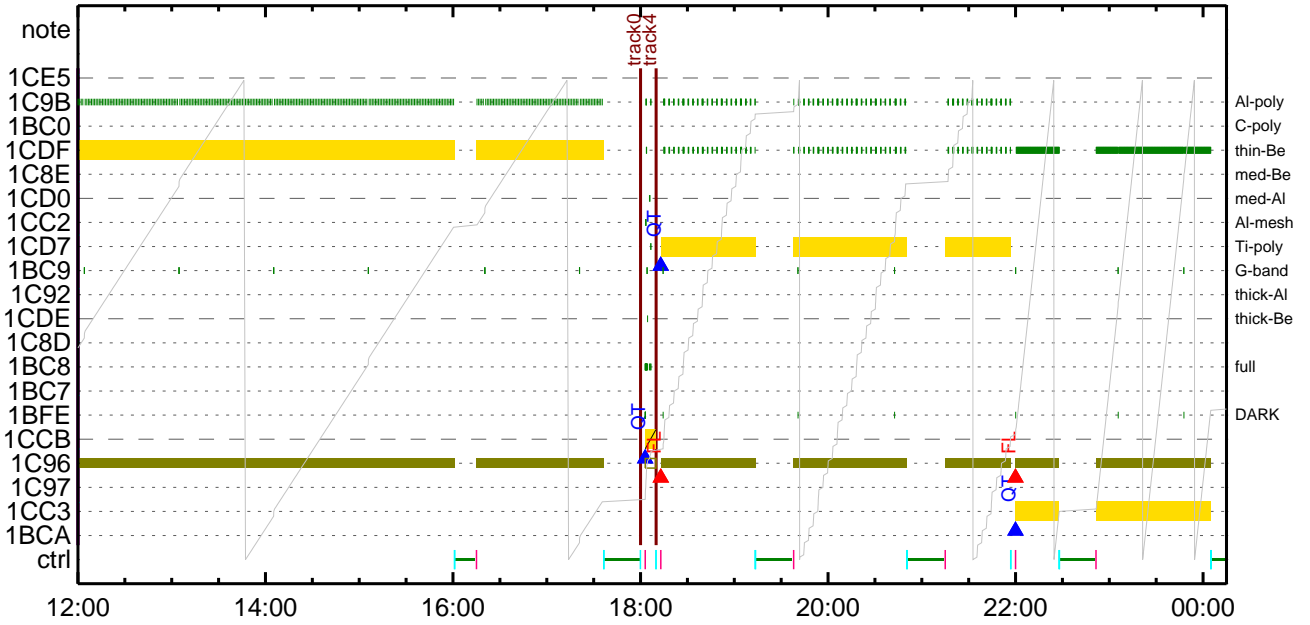
CMDI #0595 2022/09/17



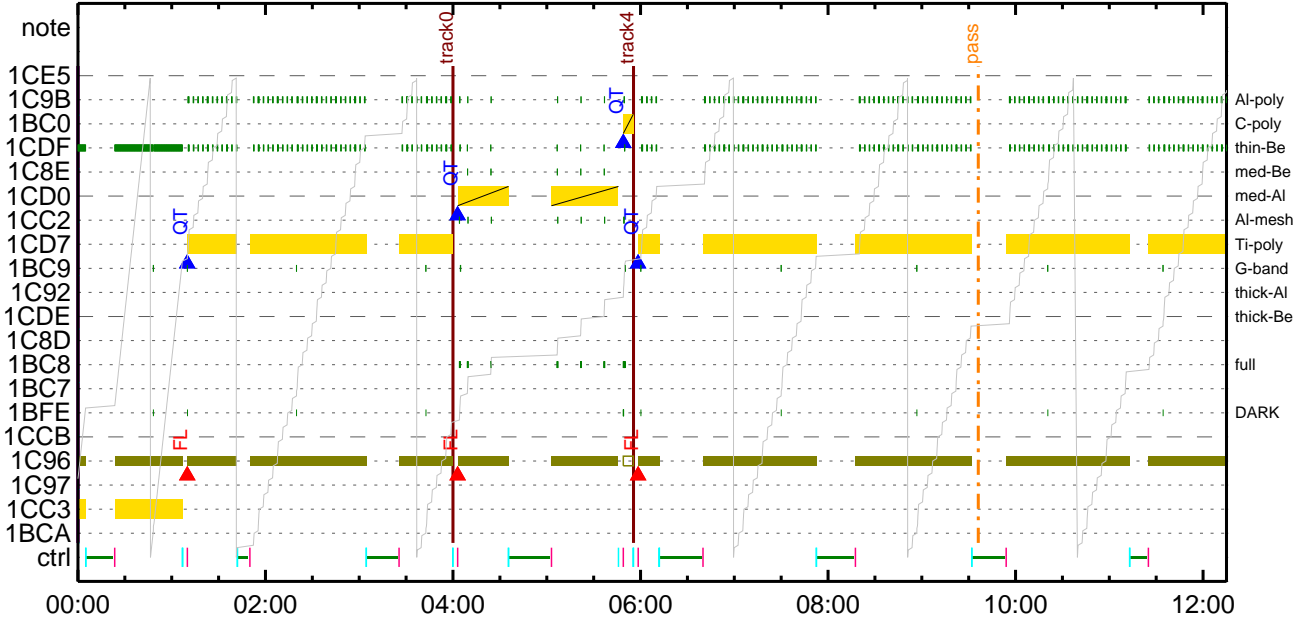
CMDI #0595 2022/09/18



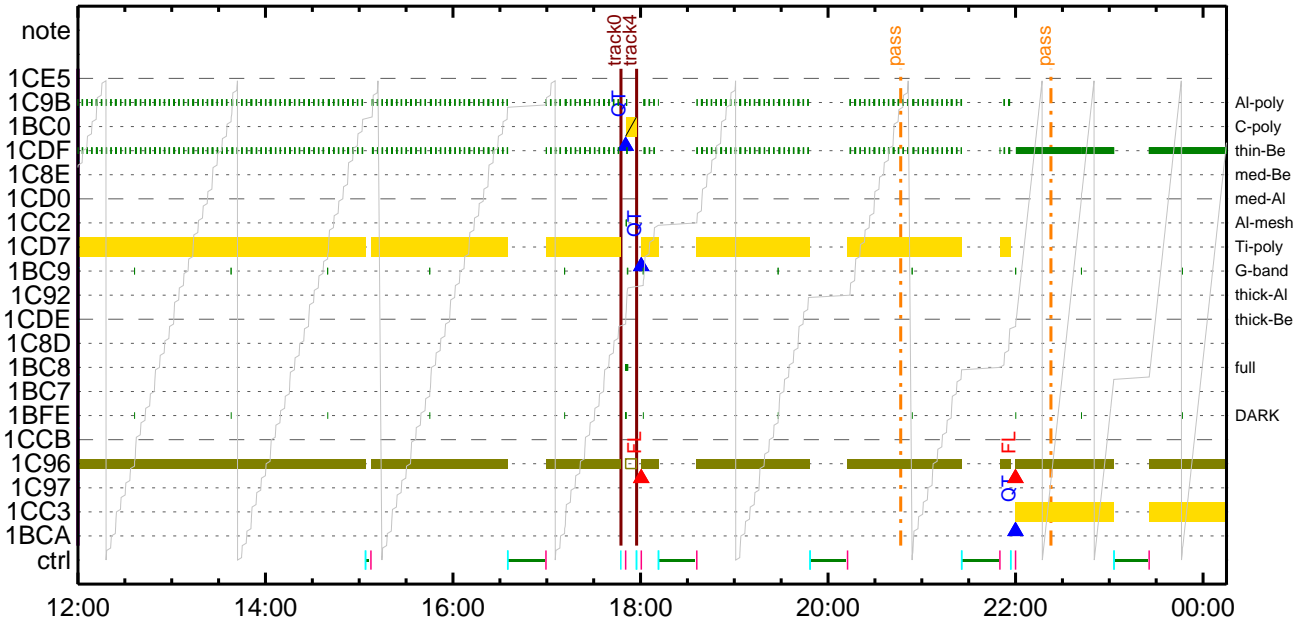
CMDI #0595 2022/09/18



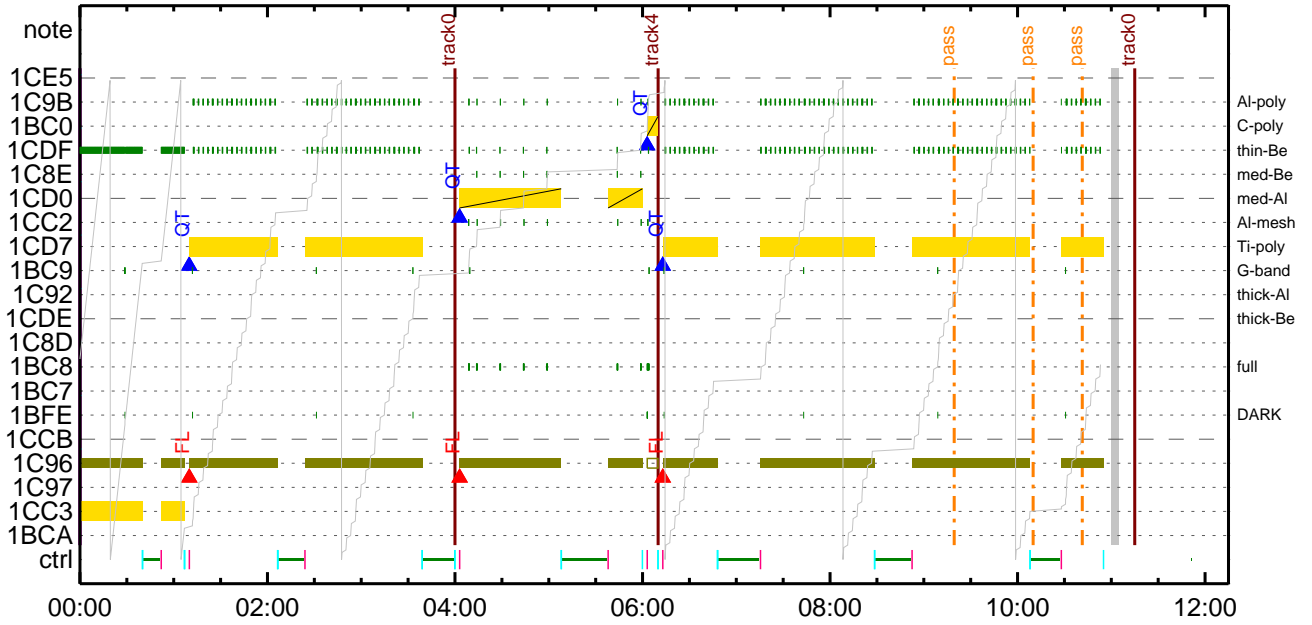
CMDI #0595 2022/09/19



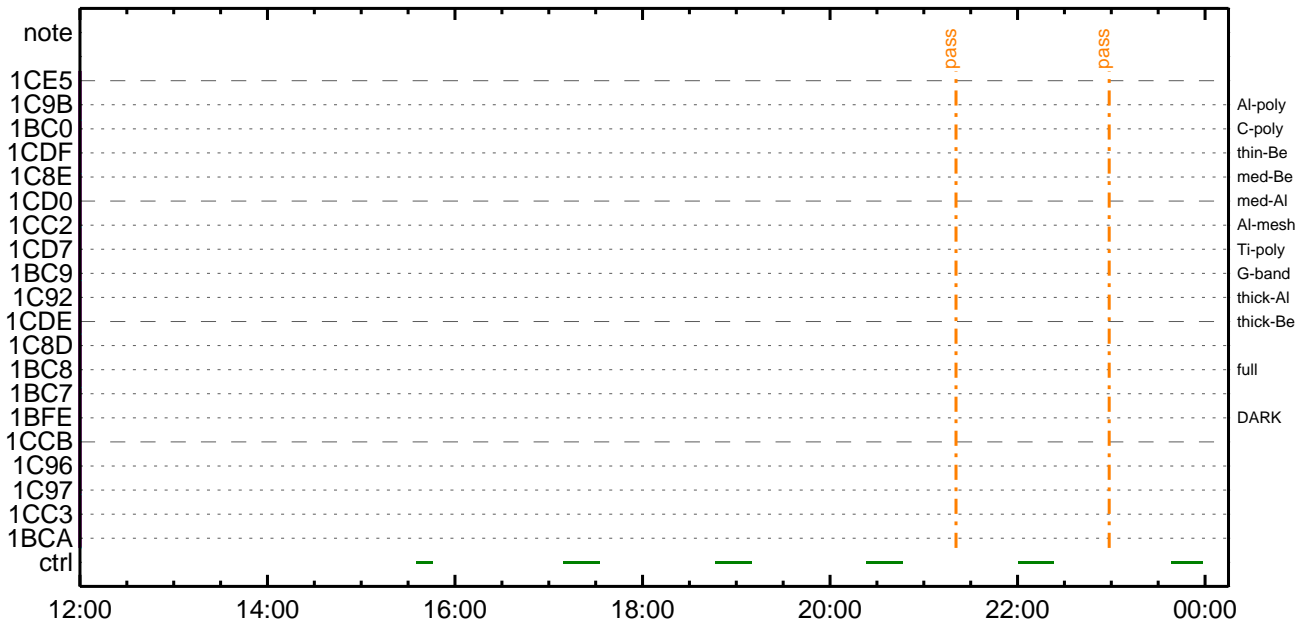
CMDI #0595 2022/09/19



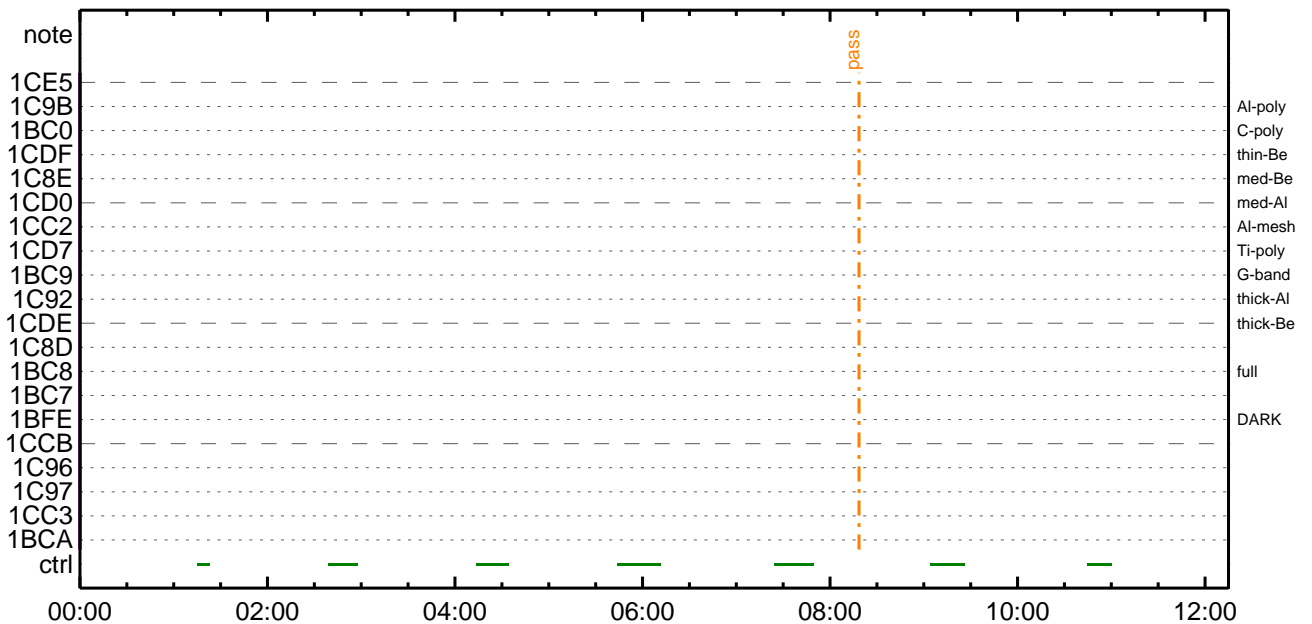
CMDI #0595 2022/09/20



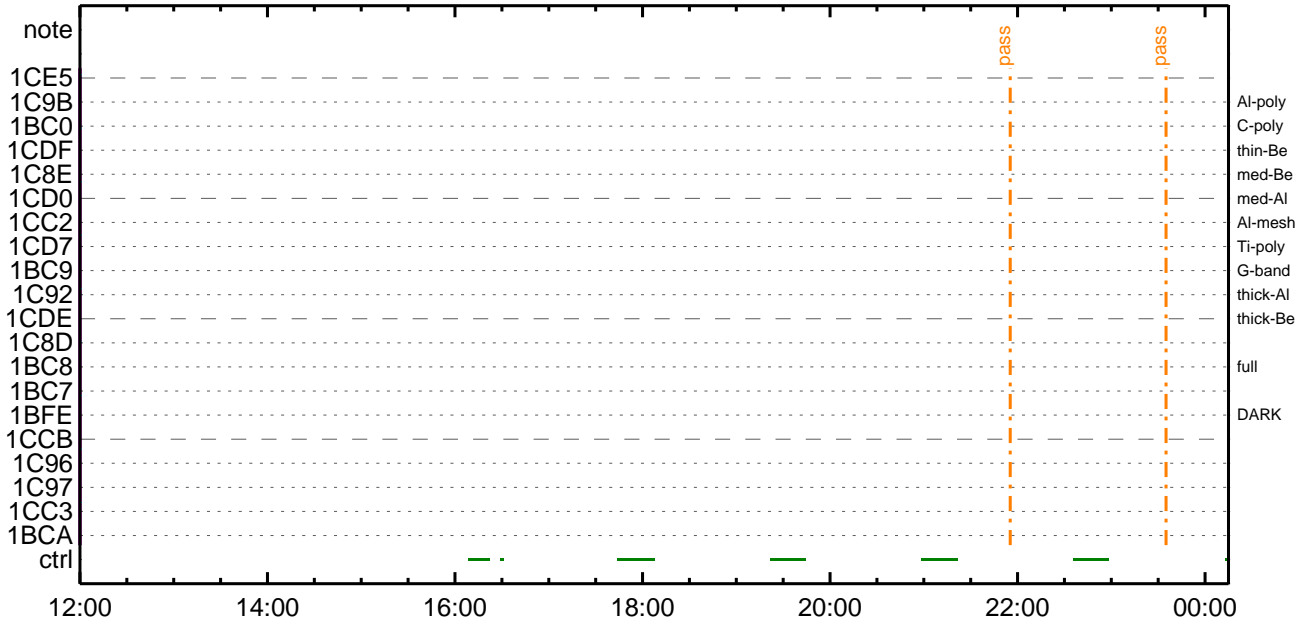
CMDI #0595 2022/09/20



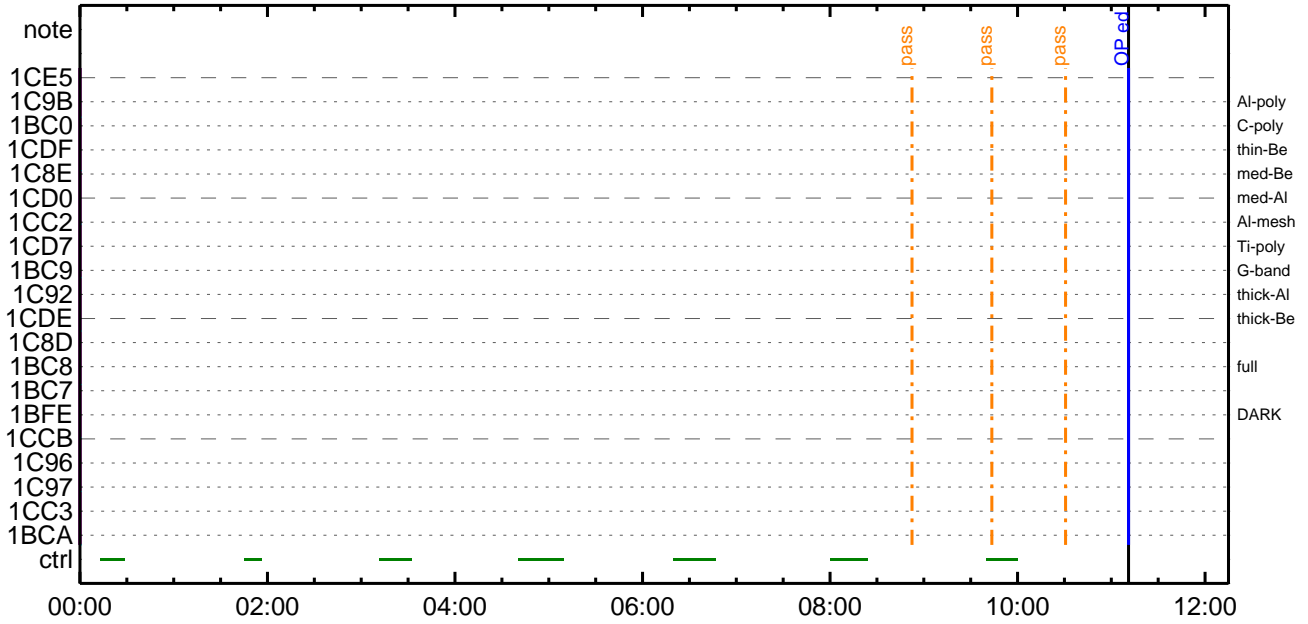
CMDI #0595 2022/09/21



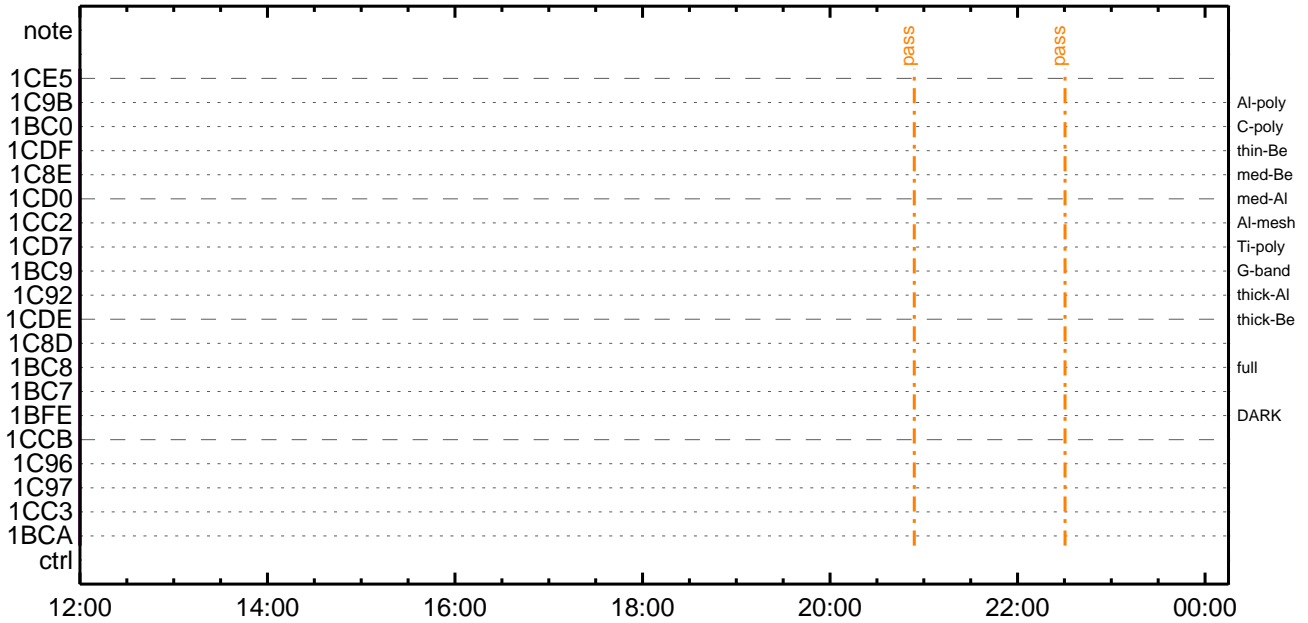
CMDI #0595 2022/09/21



CMDI #0595 2022/09/22



CMDI #0595 2022/09/22




```

0096 C.                SET EDUMP I±°iYÑY¹aÇ¹Öa|a³aE;f
0097 C.
0098 C. TIY³YF¥ÖYÉaòdÁDİ¿(UT)
0099 +. TI 2022-09-17 11:25:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.                çç[HK1_TI_CMD_NUM]           EQ      1COUNTUP
0102 C.
0103 +. TI 2022-09-17 11:25:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.                çç[HK1_TI_CMD_NUM]           EQ      1COUNTUP
0106 C.
0107 +. TI 2022-09-17 11:25:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.                çç[HK1_TI_CMD_NUM]           EQ      1COUNTUP
0110 C.
0111 +. TI 2022-09-17 11:29:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.                çç[HK1_TI_CMD_NUM]           EQ      1COUNTUP
0114 C.
0115 C. °E²¼aİÄè%îÍÑaİYÁY§YÁY-¹àÛ
0116 C.                çç[HK1_TI_CMD_ENA/DIS]       EQ      ENA
0117 C.                çç[HK1_TI_CMD_NUM]         EQ      4
0118 C.                çç[HK1_NEXT_EXEC_PIM]      EQ      DHU
0119 C.                çç[HK1_NEXT_EXEC_DC]      EQ      0xB3
0120 C.
0121 C. *****
0122 C. TIİİ°èYÀYÖY×
0123 C. *****
0124 C.
0125 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0126 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0127 BC (03 ab 03 01 02)
0128 C.                çç[HK1_DMP_TOP_ADRS_1]       EQ      07
0129 C.                çç[HK1_DMP_TOP_ADRS_0]       EQ      2B
0130 C.                çç[HK1_DMP_BLOCK_NUM]       EQ      3
0131 C.                çç[HK1_DMP_REPEAT_NUM]      EQ      0
0132 C.                çç[HK1_DMA_DMP_PIM]        EQ      DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC (07 0b f8)
0135 C.                çç[HK1_PKT_FORM_NO]         EQ      7
0136 C.                çç[HK1_PKT_GEN_TIME]        EQ      0.25 s
0137 C.                çç[HK1_S_TLM_BIT_RATE]     EQ      32k
0138 C.                çç[HK1_X_TLM_BIT_RATE]     EQ      4M
0139 C.                çç[HK1_DMP_CHK_FLG]        EQ      EXEC
0140 C.
0141 C. YÀYÖY×½ªİ»òð³İÇ§
0142 C.                çç[HK1_DMP_CHK_FLG]        EQ      NON
0143 C.
0144 C. RAM ID=TI_TBLaİ%È¹Ç•è²İOKòð³İÇ§
0145 C.
0146 C. DHUYâ;¼YÉ;È¼Y½,¥i;¼YÈ;Èòðİá¹
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC (02 0a f8)
0149 C.                çç[HK1_PKT_FORM_NO]         EQ      2
0150 C.                çç[HK1_PKT_GEN_TIME]        EQ      0.5S
0151 C.                çç[HK1_S_TLM_BIT_RATE]     EQ      32K
0152 C.                çç[HK1_X_TLM_BIT_RATE]     EQ      4M
0153 C.
0154 C. Stop EIS observation and temporarily disable EIS mode changes
0155 C.
0156 C.
0157 C. ***** Start EIS operation (TI set) *****
0158 C. Execute, after the success of OP upload.
0159 C. Set EIS TI-commands
0160 +. TI 2022-09-17 11:29:30.0
0161 DC 07-FC EIS_MODE_MANU
0162 BC (21 02)
0163 +. TI 2022-09-17 11:29:40.0
0164 DC 07-FC EIS_MODE_CHG_DIS
0165 BC (22)
0166 C.                [ ] [HK1_TI_CMD_NUM]       EQ      2 COUNTUP
0167 C. ***** End EIS operation (TI set) *****
0168 C.
0169 C.
0170 C.
0171 C. ***** XRT START *****
0172 C. Execute, after the success of OP upload.
0173 +. TI 2022-09-17 11:29:00.0
0174 DC 07-F0 MDP_XRT_MODE_STBY
0175 BC (c3)
0176 C.                [ ] [HK1_TI_CMD_NUM]       EQ      1COUNTUP
0177 C.
0178 C. ***** XRT END *****
0179 C.
0180 C. ***** MDP ´úÃîaİ»ò¼YªEÄa¹aèDCBC•x²è *****
0181 C. (%á°îYÖYÁYÉY¥YÉYÁYÇYè²¼a¼ª»Û¹aè)
0182 C. S. DC-BC dcbc-402:DCBC
0183 C. (MDP_known_event)
0184 C.
0185 C.
0186 C. ***** YD¥¹•İ Daily±¿İÑaÈ¹Ø¹aèDCBC•x²è *****
0187 C. S. DC-BC dcbc-153:DCBC
0188 C. (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0189 C.
0190 C.
0191 C. ;ãLOS¥ÁY§YÁY-¼Ä»Û;ã
0192 C.
0193 C. ***** LOS *****

```


(a) Spacecraft Operation Procedure (real-commands)

```
main-411 2022-09-17 13:18:23 119 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY~¼Ä»Ü;ä
0005 C.
0006 C. YÀYB;¼Y³YFÝÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;È¿¿ðÀß•µ°Ë»Í×ÁÇ¿ÍYÇYÁY×YÍ;¼YÉ;ÈÈ%µ•íÉ;ÈßÈ¼°ÇÒß•ñ¿¼í¹çñÍ;çÄ®, ùñ¹ñÈñßñÇÁ+¿®ñ•ñÈñññ³ñÈ;ñ
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_ST$1>[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 AOCS DUMP 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 12s
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 2022-09-17 11:29:50.0
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. ==== Begin of AOCS CMD Sequence ====
0071 . C.
0072 . C. *****
0073 . C. ***** GASÝÇ;¼Y¿¼èEÄ¼Ä»Ü *****
0074 . C. *****
0075 . C.
0076 . C. *****
0077 . C. MDRV OFF
0078 . C. *****
0079 . C.
0080 . C. ***** GASÝÁYÈY¿¿î¿¿ðá MTQ¶íÆ°°ï»þÄä»ß *****
0081 +. DC 02-33 AOCU_MDRV-X_OFF
0082 +. DC 02-34 AOCU_MDRV-Y_OFF
0083 +. DC 02-35 AOCU_MDRV-Z_OFF
0084 . C. [ ] <A_AOS> [COMPONENT STS] <MDRV> X = OFF ?
0085 . C. [ ] <A_AOS> [COMPONENT STS] <MDRV> Y = OFF ?
0086 . C. [ ] <A_AOS> [COMPONENT STS] <MDRV> Z = OFF ?
0087 . C.
0088 . C.
0089 . C. ;úYÇ;¼Y¿¼èEÄ¿¿¿¿;çÌóIminÄÔµ;
0090 . C.
0091 . C. *****
0092 . C. MDRV ON
0093 . C. *****
0094 . C.
0095 . C. ***** MTQ¶íÆ°°Æ³« *****
```

```
0096 +. DC 02-32 AOCU_MDRV_ON
0097 . C. [ ] <A_AOS> [COMPONENT STS] <MDRV> X = ON ?
0098 . C. [ ] <A_AOS> [COMPONENT STS] <MDRV> Y = ON ?
0099 . C. [ ] <A_AOS> [COMPONENT STS] <MDRV> Z = ON ?
0100 . C.
0101 . C.
0102 . C. ===== End of AOCs CMD Sequence =====
0103 . C.
0104 . C.
0105 . C. ***** MDP 'ûÃîñî»ò¼ÿñÊÂÐñ¹ñèDCBC•x²è *****
0106 . C. (¼á°îÿÓÿÃÿÈÿËÿËÿáÿçÿèñÊ¼ñ¼Ã»Ûñ¹ñè)
0107 . S. DC-BC dcbc-402:DCBC
0108 (MDP_known_event)
0109 . C.
0110 . C.
0111 . C. ***** ÿÐÿ¹•Ï Daily±¿ÍññË´Øñ¹ñèDCBC•x²è *****
0112 . S. DC-BC dcbc-153:DCBC
0113 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0114 . C.
0115 . C.
0116 . C. ¡ãLOSÿÁÿSÿÃÿ¼Ã»Û¿ä
0117 . C.
0118 . C. ***** LOS *****
0119 . C.
```


0096 C.
0097 . C. ;ãLOS¥Á¥§¥Ã¥-¼Á»Û;ã
0098 C.
0099 . C. ***** LOS *****
0100 C.

*** OP Sequence for XRT ***

| | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----------------|--|--|
| 2022/09/17 | 11:39:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2022/09/17 | 11:39:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2022/09/17 | 11:39:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | |
| 2022/09/17 | 11:40:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 e8 e6 b3 1b | | |
| 2022/09/17 | 11:40:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2022/09/17 | 11:40:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2022/09/17 | 11:40:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2022/09/17 | 11:40:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2022/09/17 | 11:40:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2022/09/17 | 11:42:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2022/09/17 | 11:42:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2022/09/17 | 11:42:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2022/09/17 | 11:42:36.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2022/09/17 | 11:42:56.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0d | | |
| 2022/09/17 | 11:42:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | | |
| 2022/09/17 | 11:45:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2022/09/17 | 11:46:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2022/09/17 | 11:47:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2022/09/17 | 15:28:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2022/09/17 | 15:28:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2022/09/17 | 15:28:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2022/09/17 | 15:28:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2022/09/17 | 15:31:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2022/09/17 | 15:37:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2022/09/17 | 15:38:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2022/09/17 | 17:02:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2022/09/17 | 17:02:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2022/09/17 | 17:02:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2022/09/17 | 17:02:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2022/09/17 | 17:05:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2022/09/17 | 17:25:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2022/09/17 | 17:26:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2022/09/17 | 17:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2022/09/17 | 17:59:56.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | |
| 2022/09/17 | 18:00:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | |
| 2022/09/17 | 18:00:16.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | |
| 2022/09/17 | 18:00:18.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | |
| 2022/09/17 | 18:00:20.0 | XRT_ARS_DIS_404_OG [0x194] | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2022/09/17 | 18:02:58.0 | XRT_QT_PROG_SET_437_OG [0x1b5] | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 | | |
| 2022/09/17 | 18:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2022/09/17 | 18:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2022/09/17 | 18:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2022/09/17 | 18:09:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | |
| 2022/09/17 | 18:10:00.0 | AOCS_Ore-point_Start_3_OG [0x099] | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 03 e7 01 db | | |
| 2022/09/17 | 18:10:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2022/09/17 | 18:10:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2022/09/17 | 18:10:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |

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|------------|------------|-----------------------------------|---|-------------|
| 2022/09/17 | 18:10:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 d5 |
| 2022/09/17 | 18:10:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 da |
| 2022/09/17 | 18:12:56.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 c4 0d |
| 2022/09/17 | 18:12:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 c5 04 |
| 2022/09/17 | 18:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 c0 |
| 2022/09/17 | 18:38:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 c1 |
| 2022/09/17 | 18:38:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 c1 |
| 2022/09/17 | 18:38:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 da |
| 2022/09/17 | 18:38:36.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 e8 |
| 2022/09/17 | 18:41:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 e9 |
| 2022/09/17 | 19:02:00.5 | XRT_Custom_430_OG [0x1ae] | | |
| 2022/09/17 | 19:03:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 c0 |
| 2022/09/17 | 20:15:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 c1 |
| 2022/09/17 | 20:15:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 c1 |
| 2022/09/17 | 20:15:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 da |
| 2022/09/17 | 20:15:36.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 e8 |
| 2022/09/17 | 20:18:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 e9 |
| 2022/09/17 | 20:39:00.0 | XRT_Custom_430_OG [0x1ae] | | |
| 2022/09/17 | 20:40:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 c0 |
| 2022/09/17 | 21:53:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 c1 |
| 2022/09/17 | 21:53:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 c1 |
| 2022/09/17 | 21:53:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 da |
| 2022/09/17 | 21:53:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 e8 |
| 2022/09/17 | 21:56:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 e9 |
| 2022/09/17 | 22:16:00.5 | XRT_Custom_430_OG [0x1ae] | | |
| 2022/09/17 | 22:17:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 c0 |
| 2022/09/17 | 23:30:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 c1 |
| 2022/09/17 | 23:30:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 c1 |
| 2022/09/17 | 23:30:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 da |
| 2022/09/17 | 23:30:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 e8 |
| 2022/09/17 | 23:33:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 e9 |
| 2022/09/17 | 23:51:00.0 | XRT_Custom_430_OG [0x1ae] | | |
| 2022/09/17 | 23:52:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 c0 |
| 2022/09/18 | 01:07:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 c1 |
| 2022/09/18 | 01:07:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 c1 |
| 2022/09/18 | 01:07:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 da |
| 2022/09/18 | 01:07:36.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 e8 |
| 2022/09/18 | 01:10:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 e9 |
| 2022/09/18 | 01:15:30.0 | XRT_Custom_430_OG [0x1ae] | | |
| 2022/09/18 | 01:16:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 c0 |
| 2022/09/18 | 02:31:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 c1 |
| 2022/09/18 | 02:31:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 c1 |
| 2022/09/18 | 02:31:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 da |
| 2022/09/18 | 02:31:36.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 e8 |
| 2022/09/18 | 02:34:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 e9 |
| 2022/09/18 | 02:50:00.0 | XRT_Custom_430_OG [0x1ae] | | |
| 2022/09/18 | 02:51:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 c0 |
| 2022/09/18 | 03:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 c1 |
| 2022/09/18 | 03:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 c1 |
| 2022/09/18 | 03:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | |

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|------------|------------|------------------------------------|---------------------|---|-------|----|----|----|----|
| 2022/09/18 | 04:00:00.0 | AOCS_Or-e-point_Start_2_OG [0x098] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 |
| | | AOCU_NM | | 5 | 02-76 | 00 | 00 | 00 | 00 |
| 2022/09/18 | 04:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2022/09/18 | 04:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2022/09/18 | 04:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2022/09/18 | 04:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2022/09/18 | 04:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2022/09/18 | 04:02:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0f | | |
| 2022/09/18 | 04:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | | |
| 2022/09/18 | 04:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2022/09/18 | 04:06:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2022/09/18 | 04:06:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2022/09/18 | 04:06:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2022/09/18 | 04:06:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2022/09/18 | 04:09:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2022/09/18 | 04:27:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2022/09/18 | 04:28:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2022/09/18 | 04:41:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2022/09/18 | 04:41:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2022/09/18 | 04:41:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 |
| 2022/09/18 | 04:42:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2022/09/18 | 04:42:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2022/09/18 | 04:42:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2022/09/18 | 04:42:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2022/09/18 | 04:42:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2022/09/18 | 04:44:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0f | | |
| 2022/09/18 | 04:44:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | | |
| 2022/09/18 | 04:45:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2022/09/18 | 05:36:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2022/09/18 | 05:36:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2022/09/18 | 05:36:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2022/09/18 | 05:36:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2022/09/18 | 05:39:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2022/09/18 | 06:04:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2022/09/18 | 06:05:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2022/09/18 | 06:12:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2022/09/18 | 06:12:56.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 |
| 2022/09/18 | 06:13:16.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | |
| 2022/09/18 | 06:13:18.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | |
| 2022/09/18 | 06:13:20.0 | XRT_ARS_DIS_404_OG [0x194] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2022/09/18 | 06:15:58.0 | XRT_QT_PROG_SET_437_OG [0x1b5] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 12 | | |
| 2022/09/18 | 06:16:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2022/09/18 | 06:23:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2022/09/18 | 06:23:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2022/09/18 | 06:23:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 |
| 2022/09/18 | 06:23:30.0 | AOCS_Or-e-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 04 | 03 | e7 | 01 |
| 2022/09/18 | 06:23:48.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2022/09/18 | 06:23:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |

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|------------|------------|-----------------------------------|---|-------|----|----|----|----|----|
| 2022/09/18 | 06:23:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2022/09/18 | 06:23:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2022/09/18 | 06:23:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2022/09/18 | 06:26:26.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0d | | | |
| 2022/09/18 | 06:26:28.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | | | |
| 2022/09/18 | 06:26:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2022/09/18 | 07:16:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/18 | 07:16:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/18 | 07:16:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2022/09/18 | 07:16:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2022/09/18 | 07:19:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2022/09/18 | 07:41:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2022/09/18 | 07:42:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2022/09/18 | 08:56:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/18 | 08:56:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/18 | 08:56:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2022/09/18 | 08:56:36.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2022/09/18 | 08:59:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2022/09/18 | 09:18:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2022/09/18 | 09:19:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2022/09/18 | 10:36:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/18 | 10:36:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/18 | 10:36:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2022/09/18 | 10:36:36.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2022/09/18 | 10:39:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2022/09/18 | 10:53:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2022/09/18 | 10:54:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2022/09/18 | 10:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/18 | 10:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/18 | 10:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2022/09/18 | 11:00:00.0 | AOCS_OrE-point_Start_4_OG [0x09a] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | b3 | e8 | 01 | db |
| 2022/09/18 | 11:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2022/09/18 | 11:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2022/09/18 | 11:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2022/09/18 | 11:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2022/09/18 | 11:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2022/09/18 | 11:02:56.0 | XRT_QT_PROG_SET_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 11 | | | |
| 2022/09/18 | 11:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | | | |
| 2022/09/18 | 11:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2022/09/18 | 16:01:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/18 | 16:01:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/18 | 16:01:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2022/09/18 | 16:01:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2022/09/18 | 16:04:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2022/09/18 | 16:14:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2022/09/18 | 16:15:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2022/09/18 | 17:36:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/18 | 17:36:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/18 | 17:36:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |

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|------------|------------|-----------------------------------|---------------------------|---|-------|----------------|
| 2022/09/18 | 17:36:36.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2022/09/18 | 17:39:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2022/09/18 | 17:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2022/09/18 | 17:59:56.0 | XRT_FOCUS_POSITION_406_OG [0x196] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2022/09/18 | 18:00:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2022/09/18 | 18:00:16.0 | XRT_FLD_DIS_409_OG [0x199] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2022/09/18 | 18:00:18.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2022/09/18 | 18:00:20.0 | XRT_ARS_DIS_404_OG [0x194] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2022/09/18 | 18:02:58.0 | XRT_QT_PROG_SET_417_OG [0x1a1] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2022/09/18 | 18:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 05 |
| 2022/09/18 | 18:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2022/09/18 | 18:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2022/09/18 | 18:09:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2022/09/18 | 18:10:00.0 | AOCS_Ore-point_Start_3_OG [0x099] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2022/09/18 | 18:10:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 04 03 e7 01 db |
| 2022/09/18 | 18:10:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2022/09/18 | 18:10:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2022/09/18 | 18:10:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2022/09/18 | 18:10:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2022/09/18 | 18:12:56.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2022/09/18 | 18:12:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0d |
| 2022/09/18 | 18:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 |
| 2022/09/18 | 19:13:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2022/09/18 | 19:13:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2022/09/18 | 19:13:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2022/09/18 | 19:13:36.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2022/09/18 | 19:16:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2022/09/18 | 19:37:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2022/09/18 | 19:38:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | 1 | 07-F0 | c0 |
| 2022/09/18 | 20:50:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2022/09/18 | 20:50:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2022/09/18 | 20:50:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2022/09/18 | 20:50:36.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2022/09/18 | 20:53:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2022/09/18 | 21:14:00.5 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2022/09/18 | 21:15:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | 1 | 07-F0 | c0 |
| 2022/09/18 | 21:56:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2022/09/18 | 21:56:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2022/09/18 | 21:56:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2022/09/18 | 21:57:18.0 | XRT_FLD_ENA_411_OG [0x19b] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2022/09/18 | 21:57:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2022/09/18 | 21:57:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2022/09/18 | 21:57:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2022/09/18 | 21:57:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2022/09/18 | 21:59:56.0 | XRT_QT_PROG_SET_440_OG [0x1b8] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2022/09/18 | 21:59:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 02 |
| 2022/09/18 | 22:00:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|
| 2022/09/18 | 22:28:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/18 | 22:28:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/18 | 22:28:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2022/09/18 | 22:28:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2022/09/18 | 22:31:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2022/09/18 | 22:50:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2022/09/18 | 22:51:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2022/09/19 | 00:05:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 00:05:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 00:05:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2022/09/19 | 00:05:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2022/09/19 | 00:08:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2022/09/19 | 00:22:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2022/09/19 | 00:23:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2022/09/19 | 01:06:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 01:06:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 01:06:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2022/09/19 | 01:07:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2022/09/19 | 01:07:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2022/09/19 | 01:07:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2022/09/19 | 01:07:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2022/09/19 | 01:07:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2022/09/19 | 01:09:56.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0d | |
| 2022/09/19 | 01:09:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | |
| 2022/09/19 | 01:10:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2022/09/19 | 01:42:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 01:42:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 01:42:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2022/09/19 | 01:42:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2022/09/19 | 01:45:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2022/09/19 | 01:49:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2022/09/19 | 01:50:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2022/09/19 | 03:04:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 03:04:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 03:04:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2022/09/19 | 03:04:36.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2022/09/19 | 03:07:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2022/09/19 | 03:24:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2022/09/19 | 03:25:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2022/09/19 | 03:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 03:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 03:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2022/09/19 | 04:00:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | |
| 2022/09/19 | 04:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2022/09/19 | 04:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2022/09/19 | 04:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2022/09/19 | 04:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2022/09/19 | 04:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2022/09/19 | 04:02:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | | | | | |

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| 2022/09/19 | 04:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0f |
| | | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 |
| 2022/09/19 | 04:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2022/09/19 | 04:35:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 04:35:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 04:35:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2022/09/19 | 04:35:36.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2022/09/19 | 04:38:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2022/09/19 | 05:02:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2022/09/19 | 05:03:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2022/09/19 | 05:45:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 05:45:56.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa | 00 |
| 2022/09/19 | 05:46:16.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2022/09/19 | 05:46:18.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2022/09/19 | 05:46:20.0 | XRT_ARS_DIS_404_OG [0x194] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2022/09/19 | 05:48:58.0 | XRT_QT_PROG_SET_437_OG [0x1b5] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 12 |
| 2022/09/19 | 05:49:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2022/09/19 | 05:55:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 05:55:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 05:55:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 | 00 |
| 2022/09/19 | 05:55:30.0 | AOCS_Ore-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 04 03 e7 01 | db |
| 2022/09/19 | 05:55:48.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2022/09/19 | 05:55:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2022/09/19 | 05:55:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2022/09/19 | 05:55:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2022/09/19 | 05:55:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2022/09/19 | 05:58:26.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0d |
| 2022/09/19 | 05:58:28.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 |
| 2022/09/19 | 05:58:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2022/09/19 | 06:12:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 06:12:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 06:12:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2022/09/19 | 06:12:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2022/09/19 | 06:15:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2022/09/19 | 06:39:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2022/09/19 | 06:40:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2022/09/19 | 07:52:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 07:52:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 07:52:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2022/09/19 | 07:52:36.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2022/09/19 | 07:55:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2022/09/19 | 08:16:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2022/09/19 | 08:17:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2022/09/19 | 09:32:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 09:32:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 09:32:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2022/09/19 | 09:32:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2022/09/19 | 09:35:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2022/09/19 | 09:53:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |

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| 2022/09/19 | 09:54:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2022/09/19 | 11:13:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/19 | 11:13:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/19 | 11:13:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2022/09/19 | 11:13:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2022/09/19 | 11:16:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2022/09/19 | 11:24:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2022/09/19 | 11:25:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2022/09/19 | 15:04:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/19 | 15:04:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/19 | 15:04:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2022/09/19 | 15:04:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2022/09/19 | 15:06:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2022/09/19 | 15:07:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2022/09/19 | 15:07:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2022/09/19 | 16:35:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/19 | 16:35:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/19 | 16:35:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2022/09/19 | 16:35:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2022/09/19 | 16:38:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2022/09/19 | 16:58:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2022/09/19 | 16:59:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2022/09/19 | 17:47:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/19 | 17:47:26.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2022/09/19 | 17:47:30.0 | AOCS_Ore-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2022/09/19 | 17:47:46.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2022/09/19 | 17:47:48.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2022/09/19 | 17:47:50.0 | XRT_ARS_DIS_404_OG [0x194] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2022/09/19 | 17:50:28.0 | XRT_QT_PROG_SET_437_OG [0x1b5] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 | | | | |
| 2022/09/19 | 17:50:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2022/09/19 | 17:57:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/19 | 17:57:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/19 | 17:57:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2022/09/19 | 17:57:30.0 | AOCS_Ore-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 03 e7 01 db | | | | |
| 2022/09/19 | 17:57:48.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2022/09/19 | 17:57:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2022/09/19 | 17:57:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2022/09/19 | 17:57:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2022/09/19 | 17:57:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2022/09/19 | 18:00:26.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0d | | | | |
| 2022/09/19 | 18:00:28.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | | | | |
| 2022/09/19 | 18:00:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2022/09/19 | 18:11:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/19 | 18:11:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/19 | 18:11:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2022/09/19 | 18:11:36.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2022/09/19 | 18:14:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2022/09/19 | 18:35:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2022/09/19 | 18:36:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |

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| 2022/09/19 | 19:48:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 19:48:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 19:48:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2022/09/19 | 19:48:36.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2022/09/19 | 19:51:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2022/09/19 | 20:11:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2022/09/19 | 20:12:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2022/09/19 | 21:25:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 21:25:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 21:25:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2022/09/19 | 21:25:36.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2022/09/19 | 21:28:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2022/09/19 | 21:49:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2022/09/19 | 21:50:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2022/09/19 | 21:56:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 21:56:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 21:56:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2022/09/19 | 21:57:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2022/09/19 | 21:57:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2022/09/19 | 21:57:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2022/09/19 | 21:57:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2022/09/19 | 21:57:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2022/09/19 | 21:59:56.0 | XRT_QT_PROG_SET_440_OG [0x1b8] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 02 | |
| 2022/09/19 | 21:59:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 | |
| 2022/09/19 | 22:00:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2022/09/19 | 23:03:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 23:03:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/19 | 23:03:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2022/09/19 | 23:03:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2022/09/19 | 23:06:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2022/09/19 | 23:24:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2022/09/19 | 23:25:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2022/09/20 | 00:40:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/20 | 00:40:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/20 | 00:40:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2022/09/20 | 00:40:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2022/09/20 | 00:43:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2022/09/20 | 00:51:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2022/09/20 | 00:52:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2022/09/20 | 01:06:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/20 | 01:06:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2022/09/20 | 01:06:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2022/09/20 | 01:07:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2022/09/20 | 01:07:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2022/09/20 | 01:07:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2022/09/20 | 01:07:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2022/09/20 | 01:07:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2022/09/20 | 01:09:56.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0d | |

Sep 17, 22 13:18

XRT_OGLIST_0595.chk

Page 10/11

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| 2022/09/20 | 01:09:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | | | |
| 2022/09/20 | 01:10:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2022/09/20 | 02:06:30.5 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/20 | 02:06:32.5 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/20 | 02:06:34.5 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2022/09/20 | 02:06:36.5 | XRT_PREFLR_STRT_436_OG [0x1b4] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2022/09/20 | 02:09:44.5 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2022/09/20 | 02:23:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2022/09/20 | 02:24:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2022/09/20 | 03:39:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/20 | 03:39:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/20 | 03:39:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2022/09/20 | 03:39:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2022/09/20 | 03:42:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2022/09/20 | 03:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/20 | 03:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/20 | 03:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2022/09/20 | 04:00:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| 2022/09/20 | 04:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2022/09/20 | 04:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2022/09/20 | 04:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2022/09/20 | 04:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2022/09/20 | 04:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2022/09/20 | 04:02:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0f | | | |
| 2022/09/20 | 04:02:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 04 | | | |
| 2022/09/20 | 04:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2022/09/20 | 05:08:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/20 | 05:08:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/20 | 05:08:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2022/09/20 | 05:08:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2022/09/20 | 05:11:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2022/09/20 | 05:37:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2022/09/20 | 05:38:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2022/09/20 | 05:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/20 | 05:59:56.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2022/09/20 | 06:00:16.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2022/09/20 | 06:00:18.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2022/09/20 | 06:00:20.0 | XRT_ARS_DIS_404_OG [0x194] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2022/09/20 | 06:02:58.0 | XRT_QT_PROG_SET_437_OG [0x1b5] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 12 | | | |
| 2022/09/20 | 06:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2022/09/20 | 06:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/20 | 06:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2022/09/20 | 06:09:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2022/09/20 | 06:10:00.0 | AOCS_Ore-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 | 03 | e7 | 01 | db |
| 2022/09/20 | 06:10:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2022/09/20 | 06:10:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2022/09/20 | 06:10:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2022/09/20 | 06:10:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |

Sep 17, 22 13:18

XRT_OGLIST_0595.chk

Page 11/11

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| 2022/09/20 | 06:10:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2022/09/20 | 06:12:56.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0d |
| 2022/09/20 | 06:12:58.0 | XRT_FL_PROG_SET_418_OG [0x1a2] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 04 |
| 2022/09/20 | 06:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2022/09/20 | 06:48:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2022/09/20 | 06:48:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2022/09/20 | 06:48:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2022/09/20 | 06:48:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2022/09/20 | 06:51:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2022/09/20 | 07:14:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2022/09/20 | 07:15:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2022/09/20 | 08:28:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2022/09/20 | 08:28:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2022/09/20 | 08:28:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2022/09/20 | 08:28:36.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2022/09/20 | 08:31:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2022/09/20 | 08:51:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2022/09/20 | 08:52:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2022/09/20 | 10:08:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2022/09/20 | 10:08:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2022/09/20 | 10:08:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2022/09/20 | 10:08:06.0 | XRT_PREFLR_STRT_436_OG [0x1b4] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2022/09/20 | 10:11:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2022/09/20 | 10:27:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2022/09/20 | 10:28:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2022/09/20 | 10:55:00.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2022/09/20 | 11:15:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |