

XRT Timeline to be uploaded on 2020/06/11

Period: 2020/06/11 11:11:00 - 2020/06/16 11:22:00

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Normal mode

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| XOB #1C6D: Jet Obs High cadence (Al/poly 16s Exp 30s Cad) 512x512 at 1064 1048 | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----------------|----------------|-----------------------------|---------------------------|------|-------|-----|--------------------|----------------------|------------|----------|---|----------------|----------------|-----|------|-------|------|-----|-----|--------------------|-------|------------|----------|
| Term | Pointing (x, y) | | Comment | | | | | | | | | | | | | | | | | | | | | |
| 06/11 11:28:00 - 06/11 12:35:30 | Track (| -226.4, 751.1) | [Ⓢ] 06/11 11:21:00 | # OP start + 10min NPCH | | | | | | | | | | | | | | | | | | | | |
| 06/11 13:06:30 - 06/11 17:30:30 | Track (| -220.2, 751.0) | [Ⓢ] 06/11 13:00:00 | HOP 366 PSP; NPCH | | | | | | | | | | | | | | | | | | | | |
| 06/12 06:08:00 - 06/12 13:09:54 | Track (| -154.3, 750.0) | [Ⓢ] 06/12 06:05:00 | # NPCH | | | | | | | | | | | | | | | | | | | | |
| 06/12 13:41:30 - 06/12 17:50:54 | Track (| -125.8, 749.6) | [Ⓢ] 06/12 13:15:00 | # HOP 366 PSP; NPCH | | | | | | | | | | | | | | | | | | | | |
| 06/13 06:22:30 - 06/13 10:18:00 | Track (| -56.8, 748.7) | [Ⓢ] 06/13 06:19:30 | # NPCH | | | | | | | | | | | | | | | | | | | | |
| PROG= 15 Inf.-time(s) | | | | | | | | | | | | | | | | | | | | | | | | |
| ┌ Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | | | | | | | | | | | | | |
| └ Seqn= 92 1-time(s) 2.0sec | | | | | | | | | | | | | | | | | | | | | | | | |
| | Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1064, 1048) | DPCM | 0 | 0 | 2.0sec | | | | | | | | | | | |
| | Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1064, 1048) | DPCM | 0 | 0 | 2.0sec | | | | | | | | | | | |
| | Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 16.0s | Obs | 1x1 | 384x384 (1064, 1048) | Q=98 | 0 | 0 | 2.0sec | | | | | | | | | | | |
| ┌ Subr= 2 1-time(s) 2.0sec | | | | | | | | | | | | | | | | | | | | | | | | |
| └ Seqn= 53 60-time(s) 30.0sec | | | | | | | | | | | | | | | | | | | | | | | | |
| | Al-poly/Open | Open/Open | close | Safe | Norm | 16.0s | Obs | 1x1 | 512x512 (1064, 1048) | Q=95 | 0 | 0 | 2.0sec | | | | | | | | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">Default Filter</td> <td style="width: 10%;">Thicker Filter</td> <td style="width: 10%;">VLS</td> <td style="width: 10%;">mode</td> <td style="width: 10%;">image</td> <td style="width: 10%;">Exp.</td> <td style="width: 10%;">CCD</td> <td style="width: 10%;">Bin</td> <td style="width: 10%;">ROI: size (center)</td> <td style="width: 10%;">Comp.</td> <td style="width: 10%;">AEC Buffer</td> <td style="width: 10%;">Interval</td> </tr> </table> | | | | | | | | | | | | | Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | | | | | | | | | | | | | |

| XOB #1C7C: Synoptic Q95 2x2 - Al/mesh(181/1024/5795) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(256/2897/8192) | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----------------|---------------|---------|-------------------|----------|-------|-----|--------------------|------------------------|------------|----------|---|----------------|----------------|-----|------|-------|------|-----|-----|--------------------|-------|------------|----------|
| Term | Pointing (x, y) | | Comment | | | | | | | | | | | | | | | | | | | | | |
| 06/11 18:13:00 - 06/11 18:19:54 | Fixed (| 0.0, 0.0) | | synoptic, shifted | 10.0 min | | | | | | | | | | | | | | | | | | | |
| 06/12 05:58:00 - 06/12 06:04:54 | Fixed (| 0.0, 0.0) | | synoptic, shifted | -5.0 min | | | | | | | | | | | | | | | | | | | |
| 06/12 17:54:00 - 06/12 18:00:54 | Fixed (| 0.0, 0.0) | | synoptic, shifted | -9.0 min | | | | | | | | | | | | | | | | | | | |
| 06/13 06:12:30 - 06/13 06:19:24 | Fixed (| 0.0, 0.0) | | synoptic, shifted | 9.5 min | | | | | | | | | | | | | | | | | | | |
| PROG= 16 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= 88 1-time(s) 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 | 1.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec | | | | | | | | | | | |
| | Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 5.66s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec | | | | | | | | | | | |
| └ Seqn= 44 1-time(s) 2.0sec | | | | | | | | | | | | | | | | | | | | | | | | |
| | Al-poly/Open | Al-poly/Open | close | Safe | Norm | 250ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec | | | | | | | | | | | |
| | Al-poly/Open | Al-poly/Open | close | Safe | Norm | 2.83s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec | | | | | | | | | | | |
| | Al-poly/Open | Al-poly/Open | close | Safe | Norm | 8.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec | | | | | | | | | | | |
| └ Seqn= 33 1-time(s) 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 | 11.3s | 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= 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 | | | | | | | | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">Default Filter</td> <td style="width: 10%;">Thicker Filter</td> <td style="width: 10%;">VLS</td> <td style="width: 10%;">mode</td> <td style="width: 10%;">image</td> <td style="width: 10%;">Exp.</td> <td style="width: 10%;">CCD</td> <td style="width: 10%;">Bin</td> <td style="width: 10%;">ROI: size (center)</td> <td style="width: 10%;">Comp.</td> <td style="width: 10%;">AEC Buffer</td> <td style="width: 10%;">Interval</td> </tr> </table> | | | | | | | | | | | | | Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | | | | | | | | | | | | | |

| XOB #1C20: 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), 120s | | | | | | | | | | | | | | |
|---|-----------------|----------------|-----------------------------|------------|------|-------|-----|-----|----------------------|------|---|---|--------|--|
| Term | Pointing (x, y) | | Comment | | | | | | | | | | | |
| 06/11 18:23:00 - 06/12 01:42:00 | Track (| 372.6, -434.4) | [Ⓢ] 06/11 18:20:00 | # AR 12765 | | | | | | | | | | |
| 06/12 18:04:00 - 06/13 01:59:54 | Track (| 530.0, -434.4) | [Ⓢ] 06/12 18:01:00 | # AR 12765 | | | | | | | | | | |
| PROG= 09 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 | | | | | | | | | | | | | | |
| | Open/thick-Al | Open/thick-Be | close | Safe | Norm | 16.0s | Obs | 1x1 | 512x512 (1064, 1048) | Q=98 | 3 | 0 | 2.0sec | |
| ┌ Subr= 2 60-time(s) 120.0sec | | | | | | | | | | | | | | |
| └ 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 #1C4D: HOP349 - 3-filter Synoptics (Al-mesh[128/1024/5795], Al-poly[256/4096/8192], thin-Be[2048/16384/32768] with 512x512 G-band+Leak(1064,1048)

| Term | Pointing (x, y) | Comment |
|---------------------------------|--|-------------------------|
| 06/12 02:13:00 - 06/12 05:54:54 | Fixed (0.0, 0.0) | XRT HOP 349 |
| 06/13 02:03:00 - 06/13 06:09:24 | Track (-40.4, -38.8) @ 06/13 02:00:00 | # XRT HOP 349 & HOP 393 |

PROG= 11 Inf.-time(s)

| | | | | | | | | | | | | |
|-----------------|------------------|-----------------|------|-------|-------|-----|-----|------------------------|-------|------------|----------|--------|
| Subr= 1 | 1-time(s) | 300.0sec | | | | | | | | | | |
| Seqn= 88 | 1-time(s) | 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 | 1.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 5.66s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 50 | 1-time(s) | 2.0sec | | | | | | | | | | |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 250ms | 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 |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 8.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 56 | 1-time(s) | 2.0sec | | | | | | | | | | |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 2.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 16.0s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 32.0s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Seqn= 81 | 1-time(s) | 2.0sec | | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 512x512 (1064, 1048) | Q=90 | 0 | 0 | 2.0sec |
| Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 512x512 (1064, 1048) | Q=95 | 0 | 0 | 2.0sec |
| Subr= 2 | 6-time(s) | 450.0sec | | | | | | | | | | |
| 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 | |

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Flare mode

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XOB #1B8E: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Al/thick), AEC 3(thin-Be AEC2), 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512x512)

| Term | Pointing (x, y) | Comment |
|---------------------------------|---|---------------------------|
| 06/11 11:28:00 - 06/11 12:35:30 | Track (-226.4, 751.1) @ 06/11 11:21:00 | # OP start + 10min NPCH |
| 06/11 13:06:30 - 06/11 17:30:30 | Track (-220.2, 751.0) @ 06/11 13:00:00 | HOP 366 PSP; NPCH |
| 06/11 18:23:00 - 06/12 01:42:00 | Track (372.6, -434.4) @ 06/11 18:20:00 | # AR 12765 |
| 06/12 02:13:00 - 06/12 05:54:54 | Fixed (0.0, 0.0) | XRT HOP 349 |
| 06/12 06:08:00 - 06/12 13:09:54 | Track (-154.3, 750.0) @ 06/12 06:05:00 | # NPCH |
| 06/12 13:41:30 - 06/12 17:50:54 | Track (-125.8, 749.6) @ 06/12 13:15:00 | # HOP 366 PSP; NPCH |
| 06/12 18:04:00 - 06/13 01:59:54 | Track (530.0, -434.4) @ 06/12 18:01:00 | # AR 12765 |
| 06/13 02:03:00 - 06/13 06:09:24 | Track (-40.4, -38.8) @ 06/13 02:00:00 | # XRT HOP 349 & HOP 393 |
| 06/13 06:22:30 - 06/13 10:18:00 | Track (-56.8, 748.7) @ 06/13 06:19:30 | # NPCH |

PROG= 13 30-time(s)

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

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Active Region Search

* * * * *

NOT USED

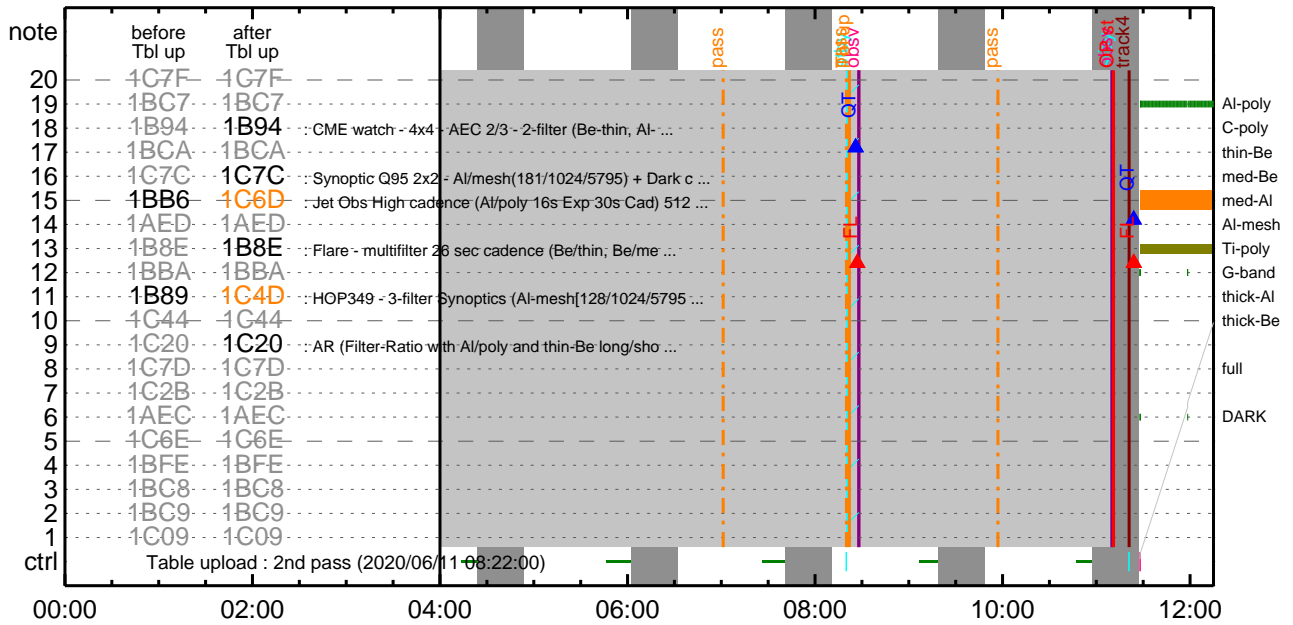
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Flare Detection

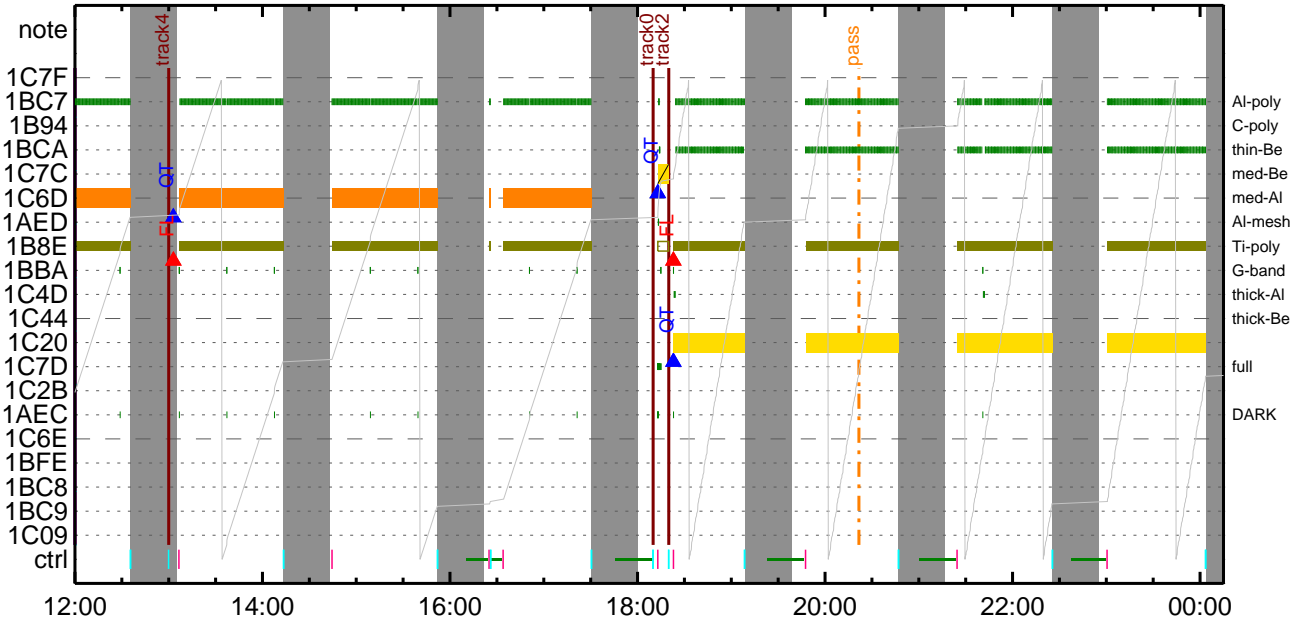
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| Term | Pointing (x, y) | | Comment |
|---------------------------------|------------------------|------------------|--|
| 06/11 18:20:18 - 06/12 05:55:18 | Track (372.6, -434.4) | @ 06/11 18:20:00 | # AR 12765 |
| 06/12 06:05:16 - 06/12 17:51:18 | Track (-154.3, 750.0) | @ 06/12 06:05:00 | # NPCH |
| 06/12 18:01:18 - 06/13 06:09:48 | Track (530.0, -434.4) | @ 06/12 18:01:00 | # AR 12765 |
| 06/13 06:19:46 - 06/16 11:22:00 | Track (-56.8, 748.7) | @ 06/13 06:19:30 | # NPCH |
| Al-poly/Open | Al-poly/Open | close | Safe Norm 8ms Obs 8x8 Q=50 30sec |
| Default Filter | Thicker Filter | VLS | mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval |

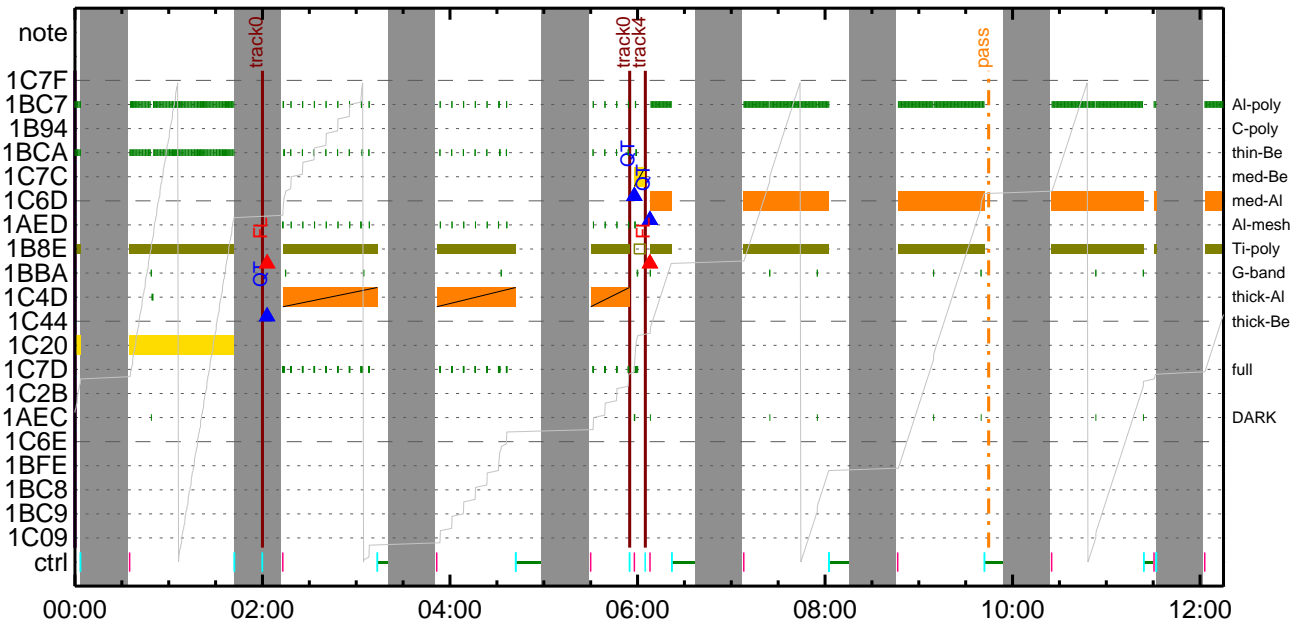
CMDI #0983 2020/06/11



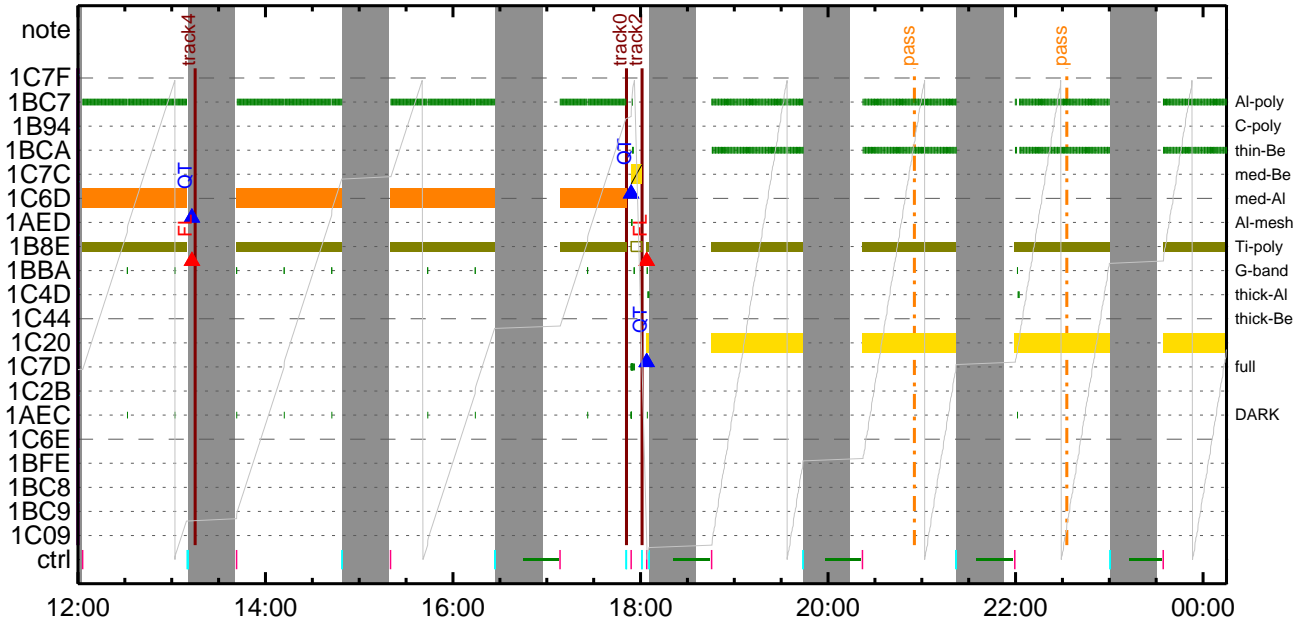
CMDI #0983 2020/06/11



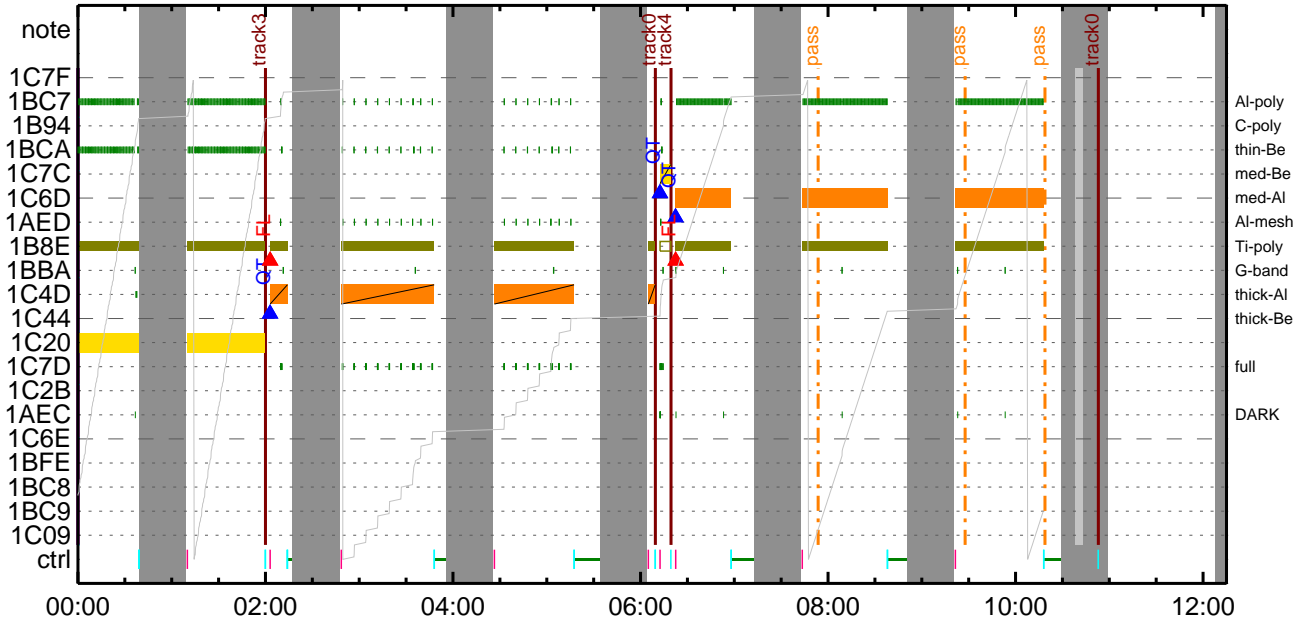
CMDI #0983 2020/06/12



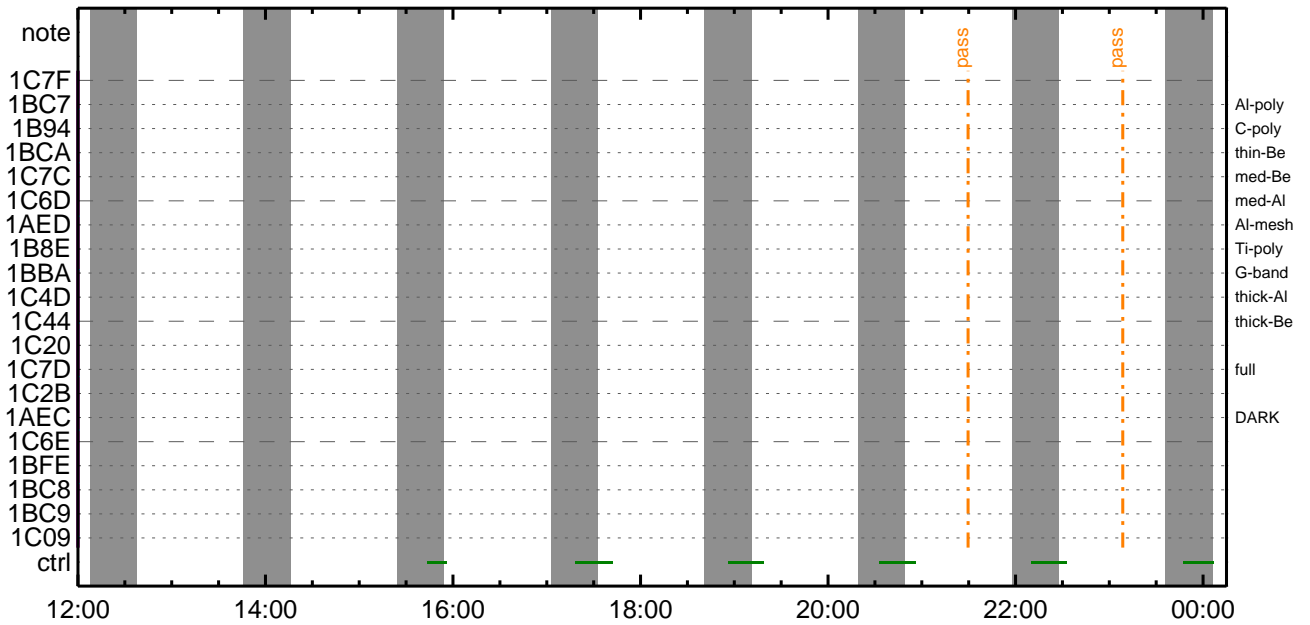
CMDI #0983 2020/06/12



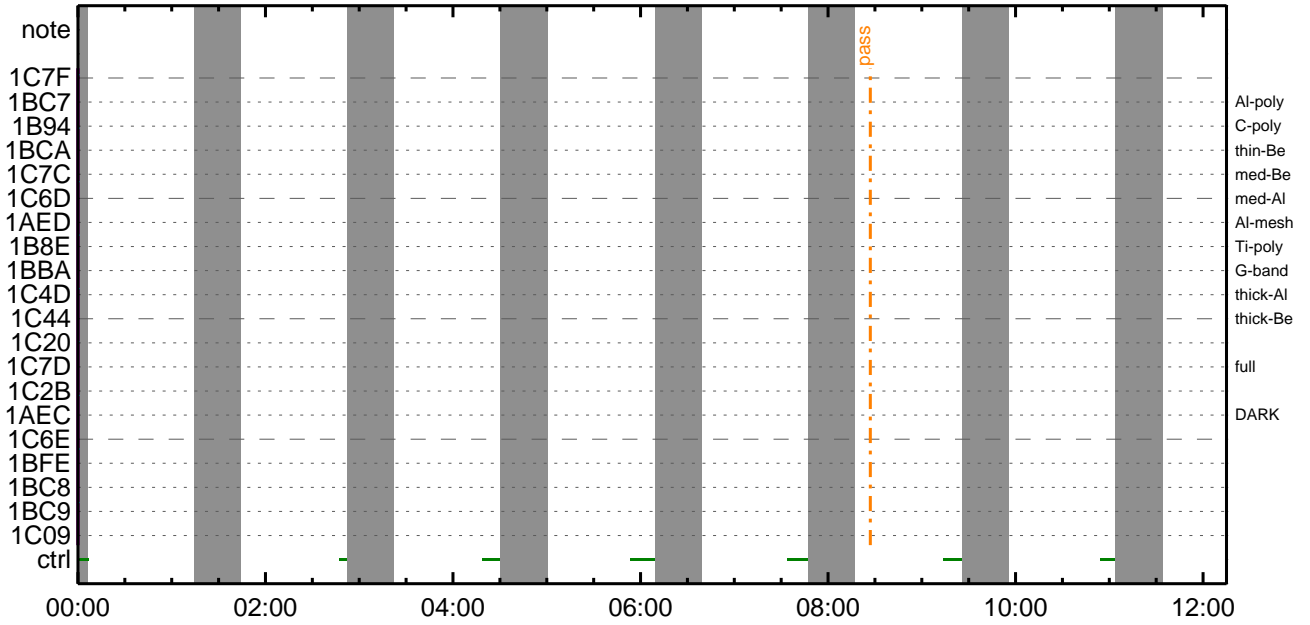
CMDI #0983 2020/06/13



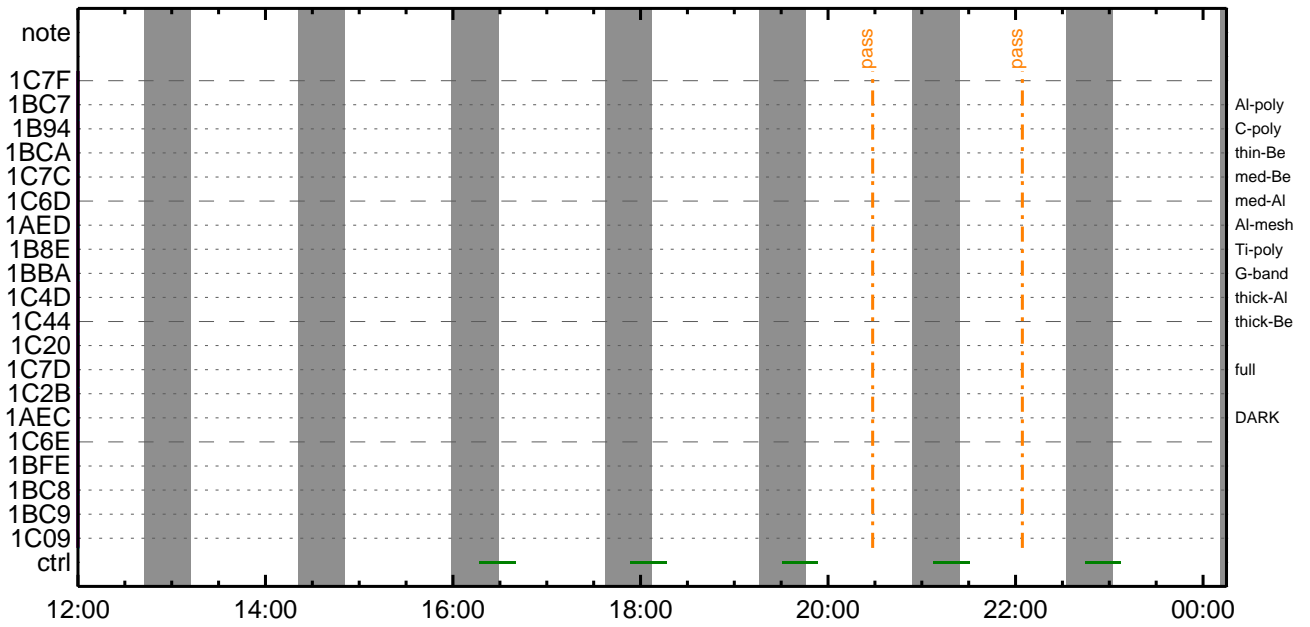
CMDI #0983 2020/06/13



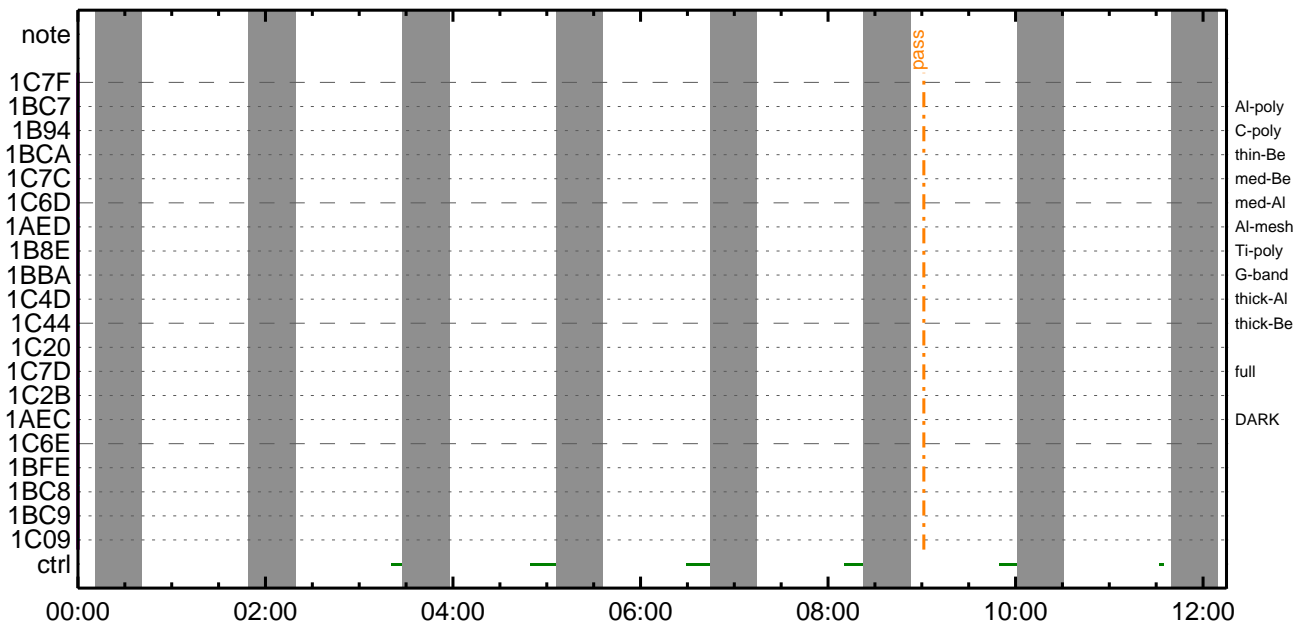
CMDI #0983 2020/06/14



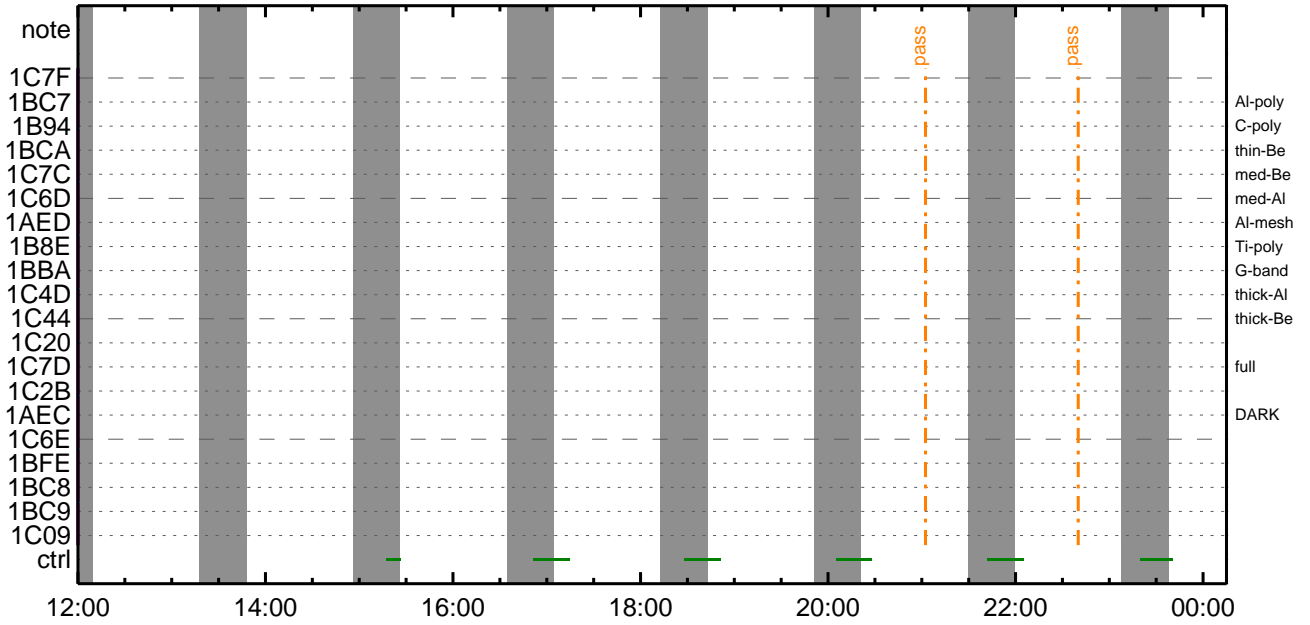
CMDI #0983 2020/06/14



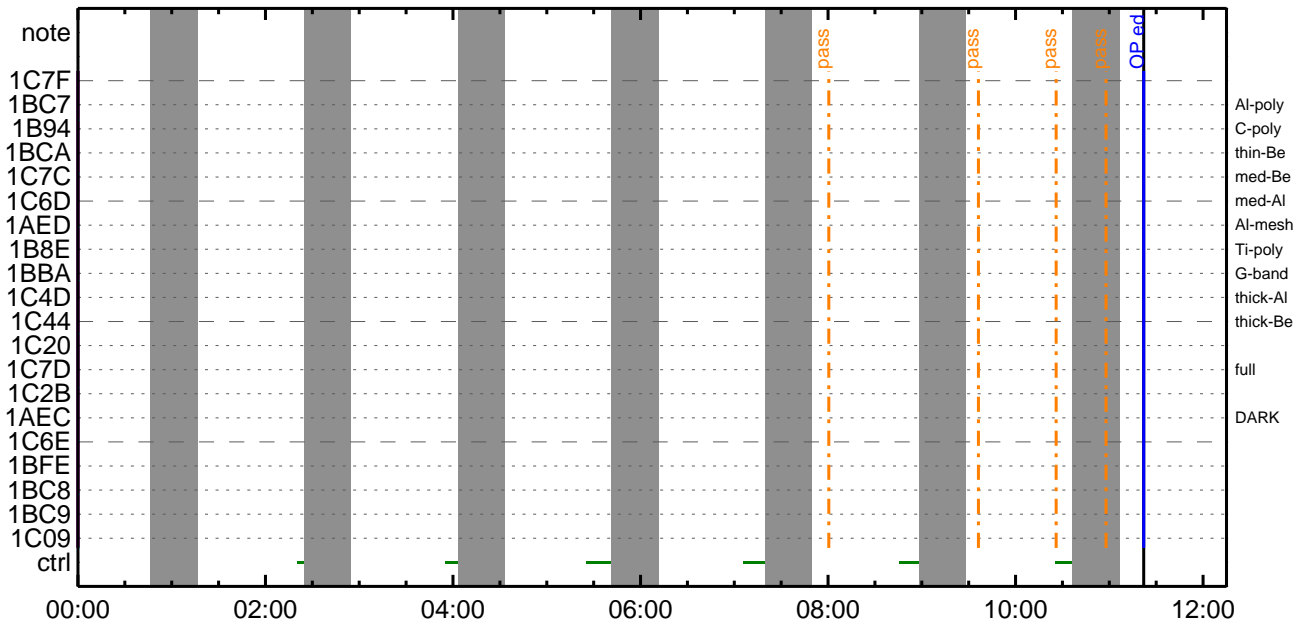
CMDI #0983 2020/06/15



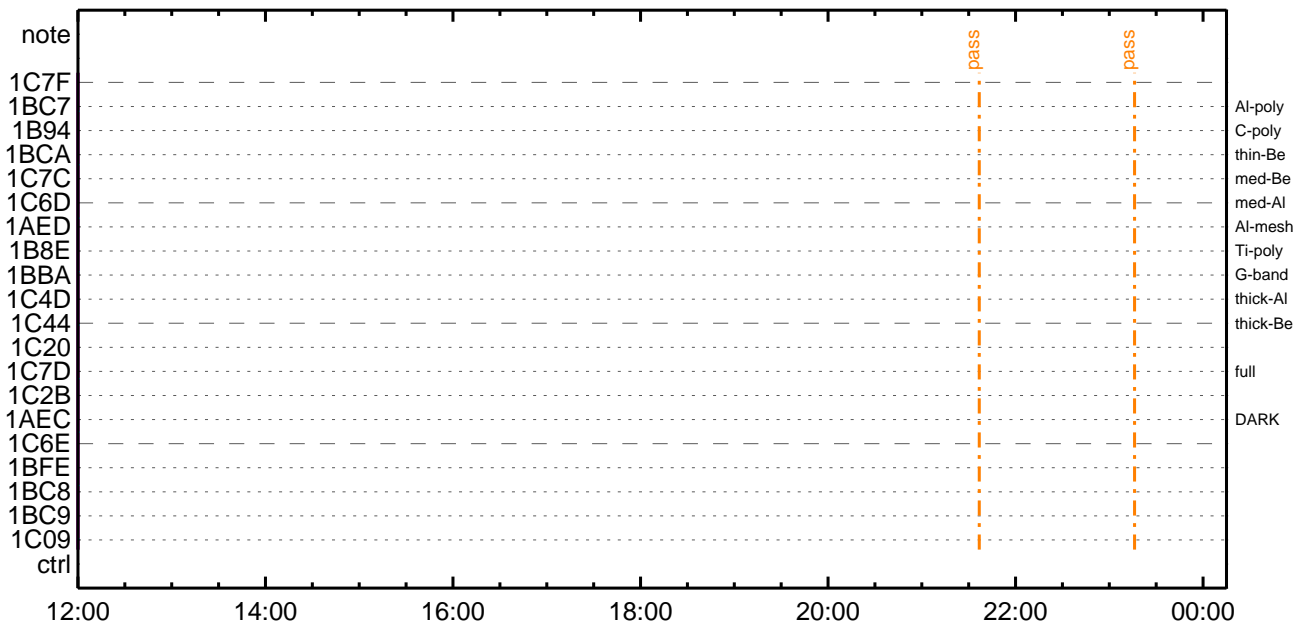
CMDI #0983 2020/06/15



CMDI #0983 2020/06/16



CMDI #0983 2020/06/16



0096 C. 0p0z;çSET0EDUMP0İÆ±°iYÑY¹0Ç¹Ô0|0³0E;f

0097 C.

0098 . C. TIY³YFÿÖYÉ00ðÅDİç (UT)

0099 +. TI 2020-06-11 11:06:00.0

0100 DC 01-B3 DHU_OP_STOP

0101 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

0102 C.

0103 +. TI 2020-06-11 11:06:01.0

0104 DC 01-B4 DHU_OP_COPY

0105 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

0106 C.

0107 +. TI 2020-06-11 11:06:01.0

0108 DC 01-B5 DHU_OPOG_COPY

0109 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

0110 C.

0111 +. TI 2020-06-11 11:10:59.5

0112 DC 01-B2 DHU_OP_START

0113 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

0114 C.

0115 C. °E²¼0İÄè%îíÑ0İYÁY§YÄY-¹àİÜ

0116 C. çç[HK1_TI_CMD_ENA/DIS] EQ ENA

0117 C. çç[HK1_TI_CMD_NUM] EQ 4

0118 C. çç[HK1_NEXT_EXEC_PIM] EQ DHU

0119 C. çç[HK1_NEXT_EXEC_DC] EQ 0xB3

0120 C.

0121 . C. *****

0122 C. TIİî°èYÄYÖYx

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. YÄYÖYx¼¹İ»0ð³İÇ§

0142 C. çç[HK1_DMP_CHK_FLG] EQ NON

0143 C.

0144 . C. RAM ID=TI_TBL0İ%È¹ç•è²İOK0ð³İÇ§

0145 C.

0146 . C. DHUYâ;¼YÉ;È¼Y¼.Yî;¼YÈ;È0ðİã0¹

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. *****

0155 C. SOT TI command set

0156 C. *****

0157 C. Execute, after the success of OP upload.

0158 +. TI 2020-06-11 11:10:16.0

0159 DC 07-F0 MDP_SOT_MODE_STBY

0160 BC (41)

0161 . C.

0162 C. HK1_TI_CMD_NUM = 1 CNTUP []

0163 C. -----

0164 C. ***** SOT END *****

0165 C.

0166 C. ***** XRT START *****

0167 C. Execute, after the success of OP upload.

0168 +. TI 2020-06-11 11:10:00.0

0169 DC 07-F0 MDP_XRT_MODE_STBY

0170 BC (c3)

0171 . C. [] [HK1_TI_CMD_NUM] EQ 1COUNTUP

0172 C.

0173 C. ***** XRT END *****

0174 . C. Stop EIS observation and temporarily disable EIS mode changes

0175 C.

0176 C.

0177 C. ***** Start EIS operation (TI set) *****

0178 C. Execute, after the success of OP upload.

0179 C. Set EIS TI-commands

0180 +. TI 2020-06-11 11:10:30.0

0181 DC 07-FC EIS_MODE_MANU

0182 BC (21 02)

0183 +. TI 2020-06-11 11:10:40.0

0184 DC 07-FC EIS_MODE_CHG_DIS

0185 BC (22)

0186 . C. [] [HK1_TI_CMD_NUM] EQ 2 COUNTUP

0187 C. ***** End EIS operation (TI set) *****

0188 C.

0189 C.

0190 C.

0191 . C. ***** MDP `0Äİ0İ»0¼Y0ÈÄ00¹0èDCBC•x²è *****

0192 C. (%â°İYÖYÄYÉYFÿYÄYçYè0È¼00¼Ä»Ü0¹0é)

0193 . S. DC-BC dcbc-402:DCBC

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



```

0096 C.
0097 C.
0098 . C. ***** AOCs Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ( )
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCs Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCSDUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 . C.
0129 C.
0130 C. ***** XRT START *****
0131 C.
0132 +. DC 07-F0 MDP_XRT_CTRL_MANU
0133 BC (c1)
0134 + DC 07-F0 MDP_XRT_MODE_STBY
0135 BC (c3)
0136 . C. ----- Success Verify ? OK / NG____
0137 C.
0138 C. XRT Obs. Table Upload
0139 . S. RAM ram-291:MDP_OBS_X
0140 ( )
0141 C.
0142 +. DC 07-F0 MDP_DUMP_XRTTBL
0143 BC (84 07 00 00 00 3a d4)
0144 . C. ----- Comparison Check ? OK / ERR ____
0145 C.
0146 C.
0147 +. DC 07-F0 MDP_XRT_ROI_SET
0148 BC (cd 01 b1 b1 04 04)
0149 + DC 07-F0 MDP_XRT_ROI_SET
0150 BC (cd 02 b1 b1 08 08)
0151 + DC 07-F0 MDP_XRT_ROI_SET
0152 BC (cd 03 b1 b1 08 08)
0153 + DC 07-F0 MDP_XRT_ROI_SET
0154 BC (cd 04 b1 b1 06 06)
0155 + DC 07-F0 MDP_XRT_ROI_SET
0156 BC (cd 05 85 83 06 06)
0157 + DC 07-F0 MDP_XRT_ROI_SET
0158 BC (cd 06 80 80 08 08)
0159 + DC 07-F0 MDP_XRT_ROI_SET
0160 BC (cd 07 80 80 20 20)
0161 + DC 07-F0 MDP_XRT_ROI_SET
0162 BC (cd 08 85 83 06 06)
0163 + DC 07-F0 MDP_XRT_ROI_SET
0164 BC (cd 09 85 83 08 08)
0165 + DC 07-F0 MDP_XRT_ROI_SET
0166 BC (cd 0a 80 80 20 08)
0167 + DC 07-F0 MDP_XRT_ROI_SET
0168 BC (cd 0b 80 80 08 20)
0169 + DC 07-F0 MDP_XRT_ROI_SET
0170 BC (cd 0f 80 80 06 06)
0171 + DC 07-F0 MDP_XRT_ROI_SET
0172 BC (cd 10 80 80 08 08)
0173 + DC 07-F0 MDP_XRT_FLD_ENA
0174 BC (d8)
0175 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0176 BC (c8)
0177 + DC 07-F0 MDP_XRT_ARS_DIS
0178 BC (d5)
0179 + DC 07-F0 MDP_XRT_AEC_RESET
0180 BC (d0)
0181 + DC 07-F0 MDP_XRT_FLD_RESET
0182 BC (da)
0183 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0184 BC (c4 12)
0185 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0186 BC (c5 0d)
0187 . C. ----- Success Verify ? OK / NG ____
0188 C.
0189 C.
0190 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0191 C.
0192 +. DC 07-F0 MDP_XRT_MODE_OBSV
0193 BC (c2)

```

0194 +. TI 2020-06-11 11:10:02.0
0195 DC 07-F0 MDP_XRT_MODE_OBSV
0196 BC (c2)
0197 . C. ----- Success Verify ? OK / NG ____
0198 C.
0199 C. ***** XRT END *****
0200 C.
0201 . C. ***** MDP `uÃÎñî»ö¼ŸñÈÄñ¹ñèDCBC•x²è *****
0202 C. (¼ã°îŸÓŸÄŸÈŸPŸÈŸâŸçŸéñÈ¼ñ¼Ä»Ûñ¹ñè)
0203 . S. DC-BC dcbc-402:DCBC
0204 (MDP_known_event)
0205 C.
0206 C.
0207 . C. ***** ŸDŸ¹•İ Daily±;îÑñÈ´Øñ¹ñèDCBC•x²è *****
0208 . S. DC-BC dcbc-153:DCBC
0209 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0210 C.
0211 C.
0212 . C. ;ãLOSŸÄŸSŸÄŸ-¼Ä»Û;ã
0213 C.
0214 . C. ***** LOS *****
0215 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 2020-06-11 11:10:18.0
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. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0131 +. DC 07-FC EIS_MODE_CHG_ENA
0132 BC (20)
0133 . C. Verify EIS_MODE_CHG_FLG is ENA
0134 +. DC 07-FC EIS_MODE_MANU
0135 BC (21 02)
0136 . C. Verify EIS in MANUAL mode
0137 . C. Estimated OBSTBL upload time is 29s
0138 C. *****
0139 C. EIS START OBSTBL LOAD
0140 C. *****
0141 . S. RAM ram-820:EIS_OBSTBL
0142 ( )
0143 +. DC 07-FC EIS_DUMP_OBSTBL
0144 BC (07 07 07 00 00 70 00)
0145 C.
0146 C. Execute, after the success of OBSTBL upload.
0147 C. Set EIS TI-commands
0148 +. TI 2020-06-11 11:10:50.0
0149 DC 07-FC EIS_MODE_CHG_ENA
0150 BC (20)
0151 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0152 C. *****
0153 C. EIS END OBSTBL LOAD
0154 C. *****
0155 C.
0156 . C. ***** MDP `úÃîãĪ»ö%ŸðĒÂð¹¹æDCBC•x²è *****
0157 C. (%â°îŸÓŸĀŸĒŸPŸĒŸĀŸçŸèæ%¼æ%Ā»Ū¹æè)
0158 . S. DC-BC dcbc-402:DCBC
0159 (MDP_known_event)
0160 C.
0161 C.
0162 . C. ***** ŸDŸ¹•Ī Daily±¿ĪñæĒ'Ø¹¹æDCBC•x²è *****
0163 . S. DC-BC dcbc-153:DCBC
0164 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0165 C.
0166 C.
0167 . C. ĩãLOSŸĀŸŸŸĀŸ-¼Ā»Ūĭä
0168 C.
0169 . C. ***** LOS *****
0170 C.

```

*** OP Sequence for XRT ***

```

2020/06/11 11:20:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/06/11 11:20:56.0 XRT_FOCUS_POSITION_410_OG [0x19a]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2020/06/11 11:21:00.0 AOCs_OrE-point_Start_1_OG [0x097]
                        AOCU_NM 5 02-76 04 03 74 01 f3
2020/06/11 11:21:16.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2020/06/11 11:21:18.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2020/06/11 11:21:20.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2020/06/11 11:21:22.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2020/06/11 11:21:24.0 XRT_FLD_RESET_416_OG [0x1a0]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2020/06/11 11:23:56.0 XRT_QT_PROG_SET_447_OG [0x1bf]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 0f
2020/06/11 11:23:58.0 XRT_FL_PROG_SET_440_OG [0x1b8]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 0d
2020/06/11 11:27:00.0 XRT_Custom_430_OG [0x1ae]
2020/06/11 11:28:00.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2020/06/11 12:35:30.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/06/11 12:35:32.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/06/11 12:35:34.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2020/06/11 12:35:36.0 XRT_PREFLR_STRT_431_OG [0x1af]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2020/06/11 12:38:44.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2020/06/11 12:59:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/06/11 12:59:56.0 XRT_FOCUS_POSITION_410_OG [0x19a]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2020/06/11 13:00:00.0 AOCs_OrE-point_Start_1_OG [0x097]
                        AOCU_NM 5 02-76 04 03 74 01 f3
2020/06/11 13:00:16.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2020/06/11 13:00:18.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2020/06/11 13:00:20.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2020/06/11 13:00:22.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2020/06/11 13:00:24.0 XRT_FLD_RESET_416_OG [0x1a0]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2020/06/11 13:02:56.0 XRT_QT_PROG_SET_447_OG [0x1bf]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 0f
2020/06/11 13:02:58.0 XRT_FL_PROG_SET_440_OG [0x1b8]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 0d
2020/06/11 13:05:30.0 XRT_Custom_430_OG [0x1ae]
2020/06/11 13:06:30.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2020/06/11 14:13:30.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/06/11 14:13:32.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/06/11 14:13:34.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2020/06/11 14:13:36.0 XRT_PREFLR_STRT_431_OG [0x1af]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2020/06/11 14:16:44.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2020/06/11 14:43:30.0 XRT_Custom_430_OG [0x1ae]
2020/06/11 14:44:30.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2020/06/11 15:52:00.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/06/11 15:52:02.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/06/11 15:52:04.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2020/06/11 15:52:06.0 XRT_PREFLR_STRT_431_OG [0x1af]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2020/06/11 15:55:14.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2020/06/11 16:24:00.0 XRT_Custom_430_OG [0x1ae]
2020/06/11 16:25:00.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2020/06/11 16:26:00.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/06/11 16:26:02.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/06/11 16:26:04.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2020/06/11 16:26:06.0 XRT_PREFLR_STRT_431_OG [0x1af]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2020/06/11 16:29:14.0 XRT_PREFLR_STOP_419_OG [0x1a3]

```


| | | | | | | | |
|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|
| 2020/06/11 | 16:33:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2020/06/11 | 16:34:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| 2020/06/11 | 17:30:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2020/06/11 | 17:30:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2020/06/11 | 17:30:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2020/06/11 | 17:30:36.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2020/06/11 | 17:33:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2020/06/11 | 18:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2020/06/11 | 18:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2020/06/11 | 18:09:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2020/06/11 | 18:10:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2020/06/11 | 18:10:18.0 | XRT_FLD_DIS_409_OG [0x199] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | |
| 2020/06/11 | 18:10:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2020/06/11 | 18:10:22.0 | XRT_ARS_DIS_443_OG [0x1bb] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2020/06/11 | 18:12:58.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2020/06/11 | 18:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 10 | |
| 2020/06/11 | 18:19:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2020/06/11 | 18:19:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2020/06/11 | 18:19:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2020/06/11 | 18:20:00.0 | AOCS_Ore-point_Start_3_OG [0x099] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2020/06/11 | 18:20:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | |
| 2020/06/11 | 18:20:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2020/06/11 | 18:20:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2020/06/11 | 18:20:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2020/06/11 | 18:20:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2020/06/11 | 18:22:56.0 | XRT_QT_PROG_SET_405_OG [0x195] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2020/06/11 | 18:22:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09 | |
| 2020/06/11 | 18:23:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | |
| 2020/06/11 | 19:08:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2020/06/11 | 19:08:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2020/06/11 | 19:08:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2020/06/11 | 19:08:36.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2020/06/11 | 19:11:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2020/06/11 | 19:46:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2020/06/11 | 19:47:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| 2020/06/11 | 20:47:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2020/06/11 | 20:47:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2020/06/11 | 20:47:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2020/06/11 | 20:47:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2020/06/11 | 20:50:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2020/06/11 | 21:23:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2020/06/11 | 21:24:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| 2020/06/11 | 22:25:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2020/06/11 | 22:25:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2020/06/11 | 22:25:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2020/06/11 | 22:25:36.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2020/06/11 | 22:28:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2020/06/11 | 22:59:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |

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|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2020/06/11 | 23:00:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2020/06/12 | 00:03:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2020/06/12 | 00:03:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2020/06/12 | 00:03:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2020/06/12 | 00:03:36.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2020/06/12 | 00:06:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2020/06/12 | 00:34:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2020/06/12 | 00:35:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2020/06/12 | 01:42:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2020/06/12 | 01:42:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2020/06/12 | 01:42:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2020/06/12 | 01:42:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2020/06/12 | 01:45:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2020/06/12 | 01:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2020/06/12 | 01:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2020/06/12 | 01:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2020/06/12 | 02:00:00.0 | AOCS_OrE-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2020/06/12 | 02:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2020/06/12 | 02:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2020/06/12 | 02:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2020/06/12 | 02:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2020/06/12 | 02:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2020/06/12 | 02:02:56.0 | XRT_QT_PROG_SET_438_OG [0x1b6] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0b | | | | |
| 2020/06/12 | 02:02:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | | |
| 2020/06/12 | 02:12:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2020/06/12 | 02:13:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2020/06/12 | 03:13:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2020/06/12 | 03:13:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2020/06/12 | 03:13:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2020/06/12 | 03:13:36.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2020/06/12 | 03:16:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2020/06/12 | 03:50:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2020/06/12 | 03:51:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2020/06/12 | 04:42:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2020/06/12 | 04:42:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2020/06/12 | 04:42:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2020/06/12 | 04:42:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2020/06/12 | 04:45:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2020/06/12 | 05:29:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2020/06/12 | 05:30:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2020/06/12 | 05:54:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2020/06/12 | 05:54:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2020/06/12 | 05:54:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2020/06/12 | 05:55:00.0 | AOCS_OrE-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2020/06/12 | 05:55:18.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2020/06/12 | 05:55:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2020/06/12 | 05:55:22.0 | XRT_ARS_DIS_443_OG [0x1bb] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2020/06/12 | 05:57:58.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 10 | | | | |
| 2020/06/12 | 05:58:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |

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|------------|------------|-----------------------------------|-------------------------------|---|-------|----------------|
| 2020/06/12 | 06:04:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2020/06/12 | 06:04:56.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2020/06/12 | 06:05:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2020/06/12 | 06:05:16.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 04 03 74 01 f3 |
| 2020/06/12 | 06:05:18.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2020/06/12 | 06:05:20.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2020/06/12 | 06:05:22.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2020/06/12 | 06:05:24.0 | XRT_FLD_RESET_416_OG [0x1a0] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2020/06/12 | 06:07:56.0 | XRT_QT_PROG_SET_447_OG [0x1bf] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2020/06/12 | 06:07:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0f |
| 2020/06/12 | 06:08:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d |
| 2020/06/12 | 06:22:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2020/06/12 | 06:22:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2020/06/12 | 06:22:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2020/06/12 | 06:22:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2020/06/12 | 06:25:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2020/06/12 | 07:07:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2020/06/12 | 07:08:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_Custom_430_OG [0x1ae] | 1 | 07-F0 | c0 |
| 2020/06/12 | 08:02:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2020/06/12 | 08:02:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2020/06/12 | 08:02:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2020/06/12 | 08:02:36.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2020/06/12 | 08:05:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2020/06/12 | 08:45:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2020/06/12 | 08:46:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_Custom_430_OG [0x1ae] | 1 | 07-F0 | c0 |
| 2020/06/12 | 09:42:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2020/06/12 | 09:42:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2020/06/12 | 09:42:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2020/06/12 | 09:42:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2020/06/12 | 09:45:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2020/06/12 | 10:24:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2020/06/12 | 10:25:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_Custom_430_OG [0x1ae] | 1 | 07-F0 | c0 |
| 2020/06/12 | 11:24:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2020/06/12 | 11:24:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2020/06/12 | 11:24:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2020/06/12 | 11:24:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2020/06/12 | 11:27:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2020/06/12 | 11:29:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2020/06/12 | 11:30:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_Custom_430_OG [0x1ae] | 1 | 07-F0 | c0 |
| 2020/06/12 | 11:32:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2020/06/12 | 11:32:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2020/06/12 | 11:32:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2020/06/12 | 11:32:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2020/06/12 | 11:35:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2020/06/12 | 12:02:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2020/06/12 | 12:03:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_Custom_430_OG [0x1ae] | 1 | 07-F0 | c0 |
| 2020/06/12 | 13:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2020/06/12 | 13:09:56.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2020/06/12 | 13:10:16.0 | XRT_FLD_ENA_411_OG [0x19b] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |

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|------------|------------|-----------------------------------|---------------------|---|-------|----|-------------|--|
| 2020/06/12 | 13:10:18.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| | | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2020/06/12 | 13:10:20.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2020/06/12 | 13:10:22.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2020/06/12 | 13:10:24.0 | XRT_FLD_RESET_416_OG [0x1a0] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2020/06/12 | 13:10:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2020/06/12 | 13:10:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2020/06/12 | 13:10:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2020/06/12 | 13:10:36.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2020/06/12 | 13:12:56.0 | XRT_QT_PROG_SET_447_OG [0x1bf] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0f | |
| 2020/06/12 | 13:12:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d | |
| 2020/06/12 | 13:13:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2020/06/12 | 13:15:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | AOCU_NM | 5 | 02-76 | 04 | 03 74 01 f3 | |
| 2020/06/12 | 13:40:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2020/06/12 | 13:41:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2020/06/12 | 14:49:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2020/06/12 | 14:49:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2020/06/12 | 14:49:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2020/06/12 | 14:49:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2020/06/12 | 14:52:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2020/06/12 | 15:19:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2020/06/12 | 15:20:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2020/06/12 | 16:27:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2020/06/12 | 16:27:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2020/06/12 | 16:27:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2020/06/12 | 16:27:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2020/06/12 | 16:30:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2020/06/12 | 17:07:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2020/06/12 | 17:08:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2020/06/12 | 17:50:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2020/06/12 | 17:50:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2020/06/12 | 17:50:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff aa 00 | |
| 2020/06/12 | 17:51:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 | 00 00 00 00 | |
| 2020/06/12 | 17:51:18.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | |
| 2020/06/12 | 17:51:20.5 | XRT_FLRCTRL_DIS_413_OG [0x19d] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | |
| 2020/06/12 | 17:51:22.5 | XRT_ARS_DIS_443_OG [0x1bb] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2020/06/12 | 17:53:58.5 | XRT_QT_PROG_SET_441_OG [0x1b9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 10 | |
| 2020/06/12 | 17:54:00.5 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2020/06/12 | 18:00:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2020/06/12 | 18:00:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2020/06/12 | 18:00:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe 97 00 | |
| 2020/06/12 | 18:01:00.0 | AOCS_Ore-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 02 | 00 00 00 00 | |
| 2020/06/12 | 18:01:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2020/06/12 | 18:01:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2020/06/12 | 18:01:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2020/06/12 | 18:01:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2020/06/12 | 18:01:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2020/06/12 | 18:03:56.0 | XRT_QT_PROG_SET_405_OG [0x195] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 09 | |
| 2020/06/12 | 18:03:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|-------------|-------|
| 2020/06/12 | 18:04:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2020/06/12 | 18:05:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2020/06/12 | 18:05:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2020/06/12 | 18:05:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2020/06/12 | 18:05:36.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2020/06/12 | 18:08:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2020/06/12 | 18:44:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2020/06/12 | 18:45:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2020/06/12 | 19:44:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2020/06/12 | 19:44:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2020/06/12 | 19:44:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2020/06/12 | 19:44:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2020/06/12 | 19:47:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2020/06/12 | 20:21:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2020/06/12 | 20:22:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2020/06/12 | 21:22:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2020/06/12 | 21:22:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2020/06/12 | 21:22:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2020/06/12 | 21:22:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2020/06/12 | 21:25:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2020/06/12 | 21:58:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2020/06/12 | 21:59:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2020/06/12 | 23:00:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2020/06/12 | 23:00:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2020/06/12 | 23:00:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2020/06/12 | 23:00:36.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2020/06/12 | 23:03:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2020/06/12 | 23:33:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2020/06/12 | 23:34:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2020/06/13 | 00:39:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2020/06/13 | 00:39:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2020/06/13 | 00:39:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2020/06/13 | 00:39:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2020/06/13 | 00:42:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2020/06/13 | 01:09:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2020/06/13 | 01:10:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2020/06/13 | 01:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2020/06/13 | 01:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2020/06/13 | 01:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa | 00 |
| 2020/06/13 | 02:00:00.0 | AOCS_Ore-point_Start_4_OG [0x09a] | AOCU_NM | 5 | 02-76 | 03 00 00 00 | 00 00 |
| 2020/06/13 | 02:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2020/06/13 | 02:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2020/06/13 | 02:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2020/06/13 | 02:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2020/06/13 | 02:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2020/06/13 | 02:02:56.0 | XRT_QT_PROG_SET_438_OG [0x1b6] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0b |
| 2020/06/13 | 02:02:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d |
| 2020/06/13 | 02:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2020/06/13 | 02:14:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |

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|------------|------------|-----------------------------------|-----------------------------------|---|-------|----------------|--|--|
| 2020/06/13 | 02:14:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2020/06/13 | 02:14:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2020/06/13 | 02:14:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2020/06/13 | 02:17:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2020/06/13 | 02:47:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2020/06/13 | 02:48:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2020/06/13 | 03:48:00.0 | XRT_CTRL_MANU_400_OG [0x190] | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| 2020/06/13 | 03:48:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2020/06/13 | 03:48:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2020/06/13 | 03:48:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2020/06/13 | 03:51:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2020/06/13 | 04:25:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2020/06/13 | 04:26:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2020/06/13 | 05:17:30.0 | XRT_CTRL_MANU_400_OG [0x190] | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| 2020/06/13 | 05:17:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2020/06/13 | 05:17:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2020/06/13 | 05:17:36.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2020/06/13 | 05:20:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2020/06/13 | 06:04:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2020/06/13 | 06:05:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2020/06/13 | 06:09:24.0 | XRT_CTRL_MANU_402_OG [0x192] | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2020/06/13 | 06:09:26.0 | XRT_CTRL_MANU_402_OG [0x192] | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| 2020/06/13 | 06:09:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2020/06/13 | 06:09:30.0 | AOCS_Ore-point_Start_2_OG [0x098] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2020/06/13 | 06:09:48.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2020/06/13 | 06:09:50.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | |
| 2020/06/13 | 06:09:52.0 | XRT_ARS_DIS_443_OG [0x1bb] | AOCS_Ore-point_Start_2_OG [0x098] | | | | | |
| 2020/06/13 | 06:12:28.0 | XRT_QT_PROG_SET_441_OG [0x1b9] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | |
| 2020/06/13 | 06:12:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | XRT_FLD_DIS_409_OG [0x199] | | | | | |
| 2020/06/13 | 06:19:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | |
| 2020/06/13 | 06:19:26.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | |
| 2020/06/13 | 06:19:30.0 | AOCS_Ore-point_Start_1_OG [0x097] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2020/06/13 | 06:19:46.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 10 | | |
| 2020/06/13 | 06:19:48.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | XRT_CTRL_AUTO_408_OG [0x198] | | | | | |
| 2020/06/13 | 06:19:50.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2020/06/13 | 06:19:52.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2020/06/13 | 06:19:54.0 | XRT_FLD_RESET_416_OG [0x1a0] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | |
| 2020/06/13 | 06:22:26.0 | XRT_QT_PROG_SET_447_OG [0x1bf] | AOCS_Ore-point_Start_1_OG [0x097] | | | | | |
| 2020/06/13 | 06:22:28.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | AOCU_NM | 5 | 02-76 | 04 03 74 01 f3 | | |
| 2020/06/13 | 06:22:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | XRT_FLD_ENA_411_OG [0x19b] | | | | | |
| 2020/06/13 | 06:58:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2020/06/13 | 06:58:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2020/06/13 | 06:58:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2020/06/13 | 06:58:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2020/06/13 | 07:01:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | XRT_FLD_RESET_416_OG [0x1a0] | | | | | |
| 2020/06/13 | 07:42:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2020/06/13 | 07:43:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0f | | |
| 2020/06/13 | 08:38:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | |
| 2020/06/13 | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2020/06/13 | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2020/06/13 | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2020/06/13 | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2020/06/13 | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2020/06/13 | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2020/06/13 | | | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2020/06/13 | | | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| 2020/06/13 | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2020/06/13 | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |

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|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2020/06/13 | 08:38:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2020/06/13 | 08:38:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2020/06/13 | 08:38:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2020/06/13 | 08:41:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2020/06/13 | 09:20:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2020/06/13 | 09:21:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2020/06/13 | 10:18:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2020/06/13 | 10:18:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2020/06/13 | 10:18:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2020/06/13 | 10:18:06.0 | XRT_PREFLR_STRT_431_OG [0x1af] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2020/06/13 | 10:21:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2020/06/13 | 10:52:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2020/06/13 | 10:53:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |