

XRT Timeline to be uploaded on 2019/12/12

Period: 2019/12/12 10:51:00 - 2019/12/17 11:03:00

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Normal mode

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| XOB #1C6E: HOP336 1-filter - Al/poly -384x384, 1024ms and 8192s, 300s-cadence, G-band - 384x384 1ms | | | | | | | | | | | | | |
|---|--|-----------------|-------|------|-------|-------|--|-----|----------------------|-------|------------|----------|--------|
| Term | Pointing (x, y) | | | | | | Comment | | | | | | |
| 12/12 11:04:00 - 12/12 18:05:24 | Track (-36.1, -31.5) @ 12/12 11:01:00 | | | | | | # OP start + 10min. HOP 336-like equatorial observation. | | | | | | |
| PROG= 18 1-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 3-time(s) 2.0sec | | | | | | | | | | | | | |
| └─ Seqn= 72 1-time(s) 300.0sec | | | | | | | | | | | | | |
| | Al-poly/Open | Al-poly/Ti-poly | close | Safe | Norm | 8.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=90 | 0 | 0 | 2.0sec |
| | Al-poly/Open | Al-poly/Open | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=90 | 0 | 0 | 2.0sec |
| | Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

| XOB #1C0C: Synoptic Q95 2x2 - Al/mesh(512/2048/4096) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(512/4096/8192) | | | | | | | | | | | | | |
|---|---------------------|------------------|-------|------|-------|-------|--|-----|------------------------|-------|------------|----------|--------|
| Term | Pointing (x, y) | | | | | | Comment | | | | | | |
| 12/12 18:08:30 - 12/12 18:15:24 | Fixed (0.0, 0.0) | | | | | | synoptic, shifted 5.5 min | | | | | | |
| 12/13 05:39:06 - 12/13 05:45:24 | Fixed (0.0, 0.0) | | | | | | HOP 349 + synoptic, shifted. | | | | | | |
| 12/13 16:52:00 - 12/13 17:18:54 | Fixed (-22.0, 6.0) | | | | | | # 11/20 + XRT synoptic at disk center. | | | | | | |
| 12/14 05:53:06 - 12/14 06:04:54 | Fixed (0.0, 0.0) | | | | | | HOP 349 + synoptic, shifted | | | | | | |
| PROG= 17 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= 12 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 500ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| | Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 2.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| | Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 4.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| └─ Seqn= 82 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | Al-poly/Open | Al-poly/Open | close | Safe | Norm | 500ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| | Al-poly/Open | Al-poly/thick-Al | close | Safe | Norm | 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= 52 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | thin-Be/Open | thin-Be/Open | close | Safe | Norm | 2.83s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| | thin-Be/Open | thin-Be/Open | close | Safe | Norm | 16.0s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| | thin-Be/Open | thin-Be/Open | close | Safe | Norm | 32.0s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| └─ Seqn= 23 1-time(s) 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 #1BD6: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 900s cad (G-band/Leak first) | | | | | | | | | | | | | |
|---|--|----------------|-------|------|-------|-------|-----------------------------|-----|------------------------|-------|------------|----------|--------|
| Term | Pointing (x, y) | | | | | | Comment | | | | | | |
| 12/12 18:18:30 - 12/13 01:59:54 | Track (261.6, -36.5) @ 12/12 18:15:30 | | | | | | # QS observations. | | | | | | |
| 12/13 05:48:30 - 12/13 09:59:54 | Track (364.7, -35.9) @ 12/13 05:45:30 | | | | | | # QS observations. | | | | | | |
| 12/14 00:03:00 - 12/14 01:55:30 | Track (518.5, -35.3) @ 12/14 00:00:00 | | | | | | # QS observations | | | | | | |
| 12/14 02:13:30 - 12/14 02:22:00 | Fixed (0.0, 0.0) | | | | | | HOP 349 + synoptic, shifted | | | | | | |
| 12/14 06:08:00 - 12/14 11:04:50 | Track (566.3, -35.2) @ 12/14 06:05:00 | | | | | | # QS observations. | | | | | | |
| PROG= 15 Inf.-time(s) | | | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | | |
| └─ Seqn= 30 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 512x512 (1024, 1024) | Q=90 | 0 | 0 | 2.0sec |
| | Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 512x512 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| └─ Subr= 2 8-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= 6 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | Al-poly/Open | Al-poly/Open | close | Safe | Norm | 125ms | Obs | 4x4 | 2048x2048 (1024, 1024) | Q=98 | 3 | 0 | 2.0sec |
| | Al-poly/Open | Al-poly/Open | close | Safe | Norm | 1.00s | Obs | 4x4 | 2048x2048 (1024, 1024) | DPCM | 2 | 0 | 2.0sec |
| | Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

| XOB #1C51: 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 | | | | | | |
| 12/13 02:03:00 - 12/13 05:36:00 | Fixed (0.0, 0.0) | | | | | | HOP 349 + synoptic, shifted. | | | | | | |

| PROG= 05 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 5-time(s) 420.0sec | | | | | | | | | | | | | |
| Seqn= 8 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 4x4 | 2048x2048 (1024, 1024) | Q=98 | 3 | 0 | 2.0sec |
| | thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.41s | Obs | 4x4 | 2048x2048 (1024, 1024) | DPCM | 2 | 0 | 2.0sec |
| Seqn= 6 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | Al-poly/Open | Al-poly/Open | close | Safe | Norm | 125ms | Obs | 4x4 | 2048x2048 (1024, 1024) | Q=98 | 3 | 0 | 2.0sec |
| | Al-poly/Open | Al-poly/Open | close | Safe | Norm | 1.00s | Obs | 4x4 | 2048x2048 (1024, 1024) | DPCM | 2 | 0 | 2.0sec |
| Seqn= 29 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 125ms | Obs | 4x4 | 2048x2048 (1024, 1024) | Q=98 | 3 | 0 | 2.0sec |
| | Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 250ms | Obs | 4x4 | 2048x2048 (1024, 1024) | Q=98 | 2 | 0 | 2.0sec |
| | Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

XOB #1C1C: HOP79 QS Al/poly short/long (512ms/4096ms) with G-band (1ms, 1ms leak) + Dark (16s) 384x384 FOV 60s cad

| Term | Pointing (x, y) | Comment |
|---------------------------------|------------------------|---------------|
| 12/13 10:03:00 - 12/13 11:03:30 | Fixed (-22.0, -984.0) | # HOP 79 1/20 |
| 12/13 11:17:00 - 12/13 11:43:54 | Fixed (-22.0, -884.0) | # 2/20 |
| 12/13 11:47:00 - 12/13 12:13:54 | Fixed (-22.0, -784.0) | # 3/20 |
| 12/13 12:17:00 - 12/13 12:43:54 | Fixed (-22.0, -684.0) | # 4/20 |
| 12/13 12:47:00 - 12/13 13:13:54 | Fixed (-22.0, -584.0) | # 5/20 |
| 12/13 13:17:00 - 12/13 13:43:54 | Fixed (-22.0, -484.0) | # 6/20 |
| 12/13 13:47:00 - 12/13 14:13:54 | Fixed (-22.0, -384.0) | # 7/20 |
| 12/13 14:17:00 - 12/13 14:52:30 | Fixed (-22.0, -284.0) | # 8/20 |
| 12/13 15:02:00 - 12/13 15:28:54 | Fixed (-22.0, -184.0) | # 9/20 |
| 12/13 15:32:00 - 12/13 16:25:00 | Fixed (-22.0, -84.0) | # 10/20 |
| 12/13 17:22:00 - 12/13 18:01:00 | Fixed (-22.0, 106.0) | # 12/20 |
| 12/13 18:29:00 - 12/13 18:55:54 | Fixed (-22.0, 206.0) | # 13/20 |
| 12/13 18:59:00 - 12/13 19:38:00 | Fixed (-22.0, 306.0) | # 14/20 |
| 12/13 20:05:30 - 12/13 20:32:24 | Fixed (-22.0, 406.0) | # 15/20 |
| 12/13 20:35:30 - 12/13 21:15:30 | Fixed (-22.0, 506.0) | # 16/20 |
| 12/13 21:42:30 - 12/13 22:09:24 | Fixed (-22.0, 606.0) | # 17/20 |
| 12/13 22:12:30 - 12/13 22:52:30 | Fixed (-22.0, 706.0) | # 18/20 |
| 12/13 23:18:30 - 12/13 23:45:24 | Fixed (-22.0, 806.0) | # 19/20 |
| 12/13 23:48:30 - 12/13 23:59:54 | Fixed (-22.0, 906.0) | # 20/20 |

PROG= 03 Inf.-time(s)

| Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | | |
|---------------------------|----------------|----------------|-------|------|-------|-------|-----|-----|----------------------|-------|------------|----------|--------|
| Seqn= 92 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | Open/G-band | Open/G-band | open | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1064, 1048) | DPCM | 0 | 0 | 2.0sec |
| | Open/G-band | Open/G-band | close | Safe | Norm | 1ms | Obs | 1x1 | 384x384 (1064, 1048) | DPCM | 0 | 0 | 2.0sec |
| | Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 16.0s | Obs | 1x1 | 384x384 (1064, 1048) | Q=98 | 0 | 0 | 2.0sec |
| Subr= 2 60-time(s) 2.0sec | | | | | | | | | | | | | |
| Seqn= 7 1-time(s) 60.0sec | | | | | | | | | | | | | |
| | Al-poly/Open | Al-poly/Open | close | Safe | Norm | 4.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=90 | 0 | 0 | 2.0sec |
| | Al-poly/Open | Al-poly/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=90 | 0 | 0 | 2.0sec |
| | Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

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Flare mode

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

| Term | Pointing (x, y) | Comment |
|---------------------------------|--|--|
| 12/12 11:04:00 - 12/12 18:05:24 | Track (-36.1, -31.5) @ 12/12 11:01:00 | # OP start + 10min. HOP 336-like equatorial observation. |
| 12/12 18:18:30 - 12/13 01:59:54 | Track (261.6, -36.5) @ 12/12 18:15:30 | # QS observations. |
| 12/13 02:03:00 - 12/13 05:36:00 | Fixed (0.0, 0.0) | HOP 349 + synoptic, shifted. |
| 12/13 05:48:30 - 12/13 09:59:54 | Track (364.7, -35.9) @ 12/13 05:45:30 | # QS observations. |
| 12/13 10:03:00 - 12/13 11:03:30 | Fixed (-22.0, -984.0) | # HOP 79 1/20 |
| 12/13 11:17:00 - 12/13 11:43:54 | Fixed (-22.0, -884.0) | # 2/20 |
| 12/13 11:47:00 - 12/13 12:13:54 | Fixed (-22.0, -784.0) | # 3/20 |
| 12/13 12:17:00 - 12/13 12:43:54 | Fixed (-22.0, -684.0) | # 4/20 |
| 12/13 12:47:00 - 12/13 13:13:54 | Fixed (-22.0, -584.0) | # 5/20 |
| 12/13 13:17:00 - 12/13 13:43:54 | Fixed (-22.0, -484.0) | # 6/20 |
| 12/13 13:47:00 - 12/13 14:13:54 | Fixed (-22.0, -384.0) | # 7/20 |

| | | |
|---------------------------------|--|-----------------------------|
| 12/13 14:17:00 - 12/13 14:52:30 | Fixed (-22.0, -284.0) | # 8/20 |
| 12/13 15:02:00 - 12/13 15:28:54 | Fixed (-22.0, -184.0) | # 9/20 |
| 12/13 15:32:00 - 12/13 16:25:00 | Fixed (-22.0, -84.0) | # 10/20 |
| 12/13 17:22:00 - 12/13 18:01:00 | Fixed (-22.0, 106.0) | # 12/20 |
| 12/13 18:29:00 - 12/13 18:55:54 | Fixed (-22.0, 206.0) | # 13/20 |
| 12/13 18:59:00 - 12/13 19:38:00 | Fixed (-22.0, 306.0) | # 14/20 |
| 12/13 20:05:30 - 12/13 20:32:24 | Fixed (-22.0, 406.0) | # 15/20 |
| 12/13 20:35:30 - 12/13 21:15:30 | Fixed (-22.0, 506.0) | # 16/20 |
| 12/13 21:42:30 - 12/13 22:09:24 | Fixed (-22.0, 606.0) | # 17/20 |
| 12/13 22:12:30 - 12/13 22:52:30 | Fixed (-22.0, 706.0) | # 18/20 |
| 12/13 23:18:30 - 12/13 23:45:24 | Fixed (-22.0, 806.0) | # 19/20 |
| 12/13 23:48:30 - 12/13 23:59:54 | Fixed (-22.0, 906.0) | # 20/20 |
| 12/14 00:03:00 - 12/14 01:55:30 | Track (518.5, -35.3) @ 12/14 00:00:00 | # QS observations |
| 12/14 02:13:30 - 12/14 02:22:00 | Fixed (0.0, 0.0) | HOP 349 + synoptic, shifted |
| 12/14 02:25:06 - 12/14 05:50:00 | Fixed (0.0, 0.0) | HOP 349 + synoptic, shifted |
| 12/14 06:08:00 - 12/14 11:04:50 | Track (566.3, -35.2) @ 12/14 06:05:00 | # QS observations. |

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

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NOT USED

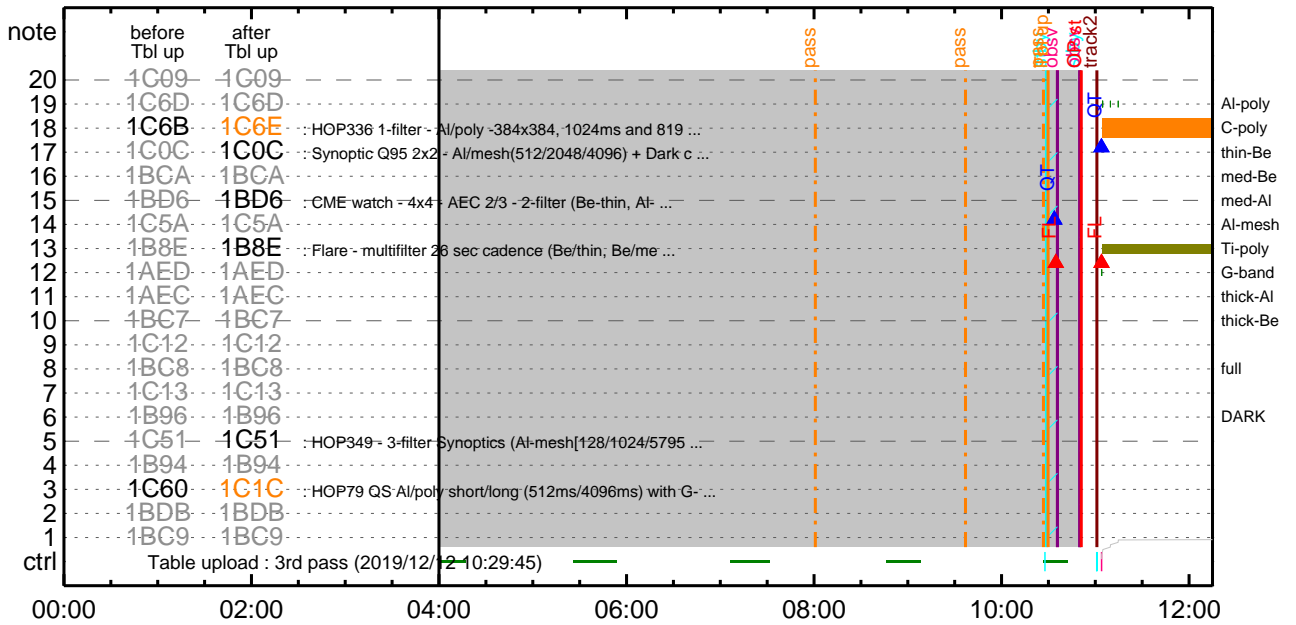
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Flare Detection

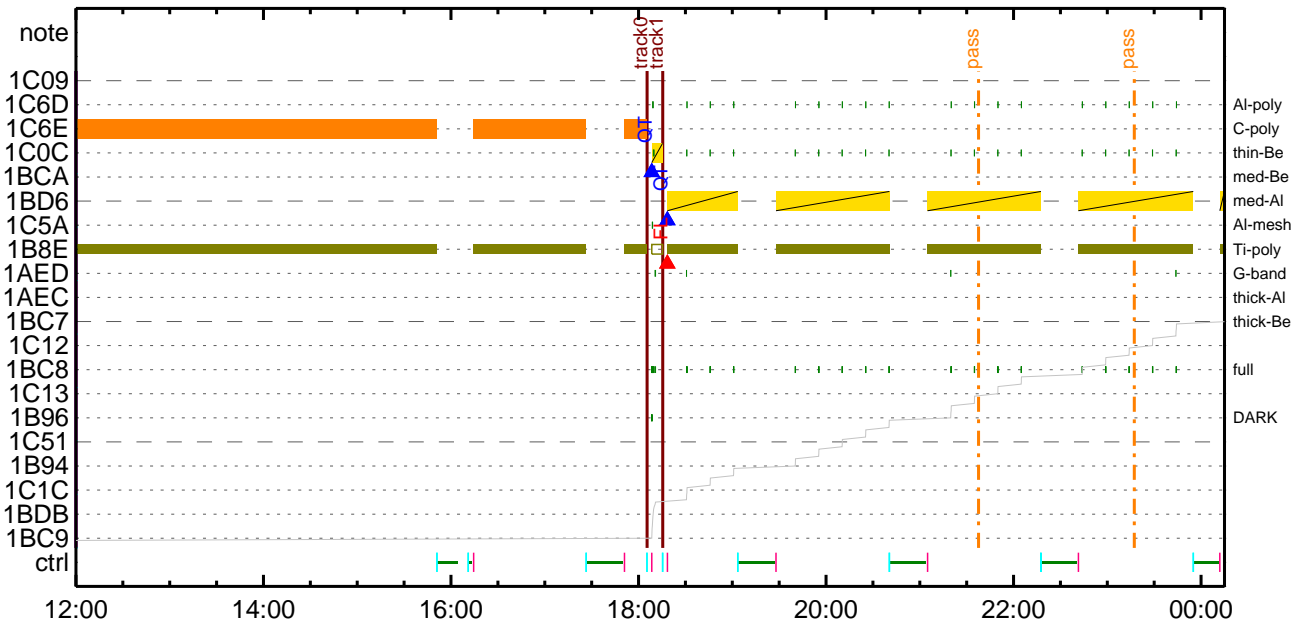
* * * * *

| FLD Patrol | | | | | | | | | | | |
|---------------------------------|----------------|--|------|-------|------|-----|-----|--------------------|-------|------------|----------|
| Term | | Pointing (x, y) | | | | | | Comment | | | |
| 12/12 18:15:48 - 12/13 05:36:24 | | Track (261.6, -36.5) @ 12/12 18:15:30 | | | | | | # QS observations. | | | |
| 12/13 05:45:48 - 12/13 16:49:18 | | Track (364.7, -35.9) @ 12/13 05:45:30 | | | | | | # QS observations. | | | |
| 12/13 17:19:18 - 12/14 05:50:24 | | Fixed (-22.0, 106.0) | | | | | | # 12/20 | | | |
| 12/14 06:05:18 - 12/17 11:03:00 | | Track (566.3, -35.2) @ 12/14 06:05:00 | | | | | | # QS observations. | | | |
| 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 |

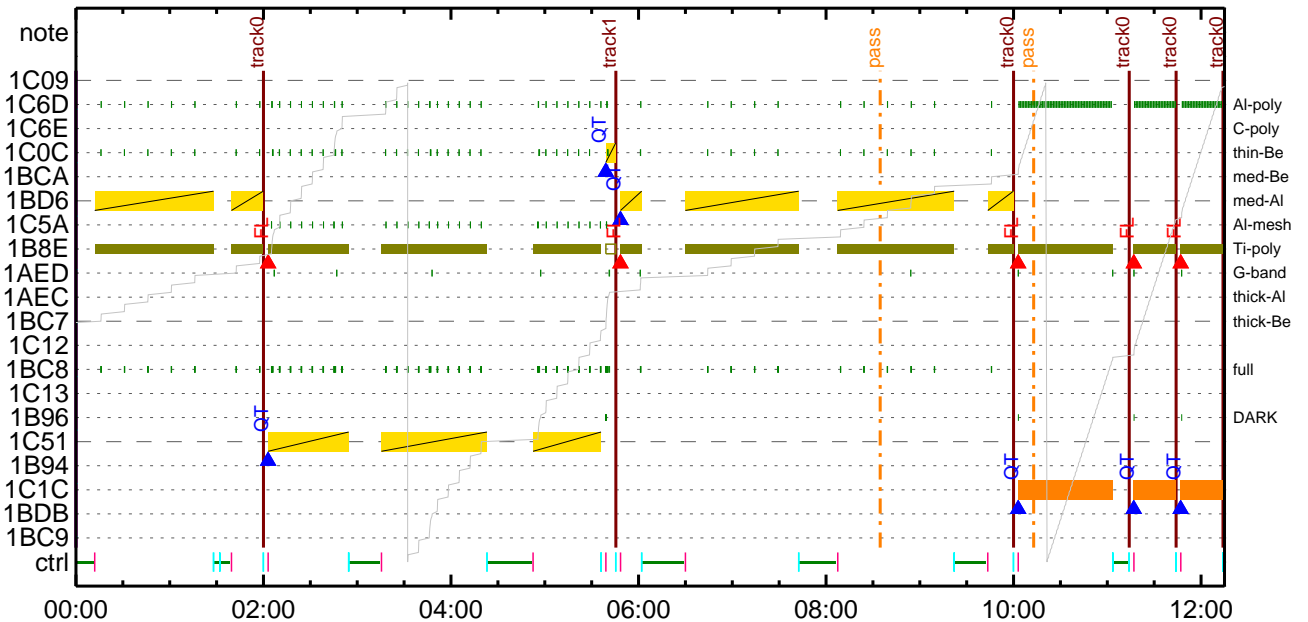
CMDI #0650 2019/12/12



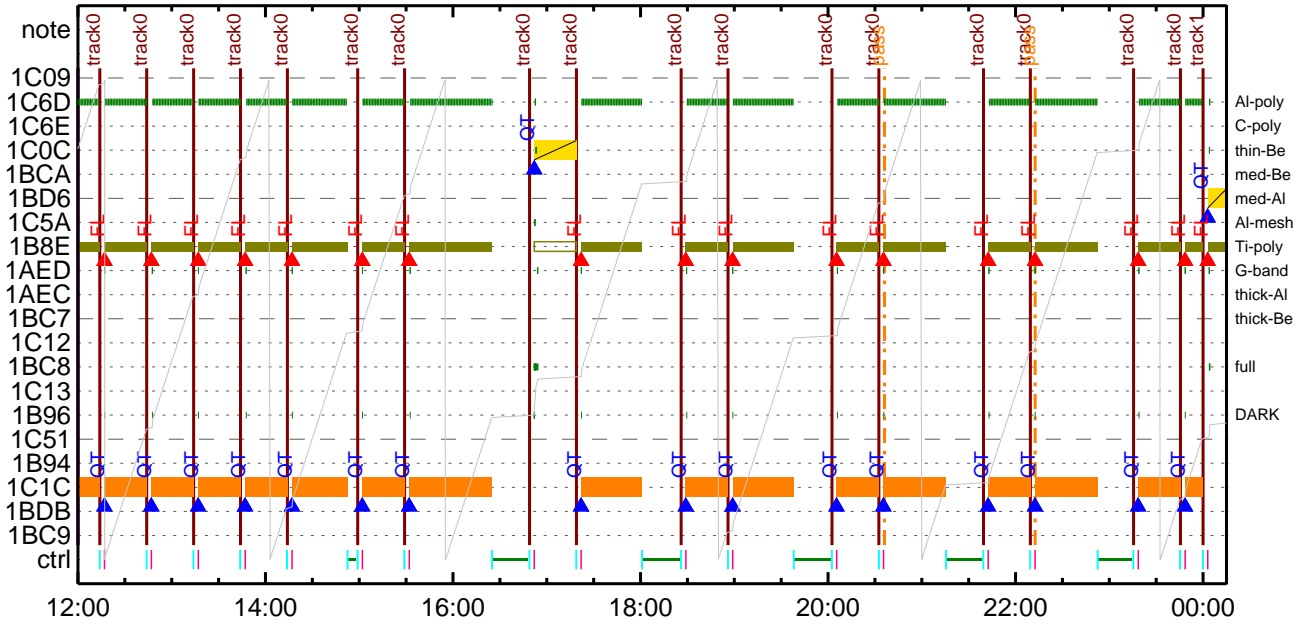
CMDI #0650 2019/12/12



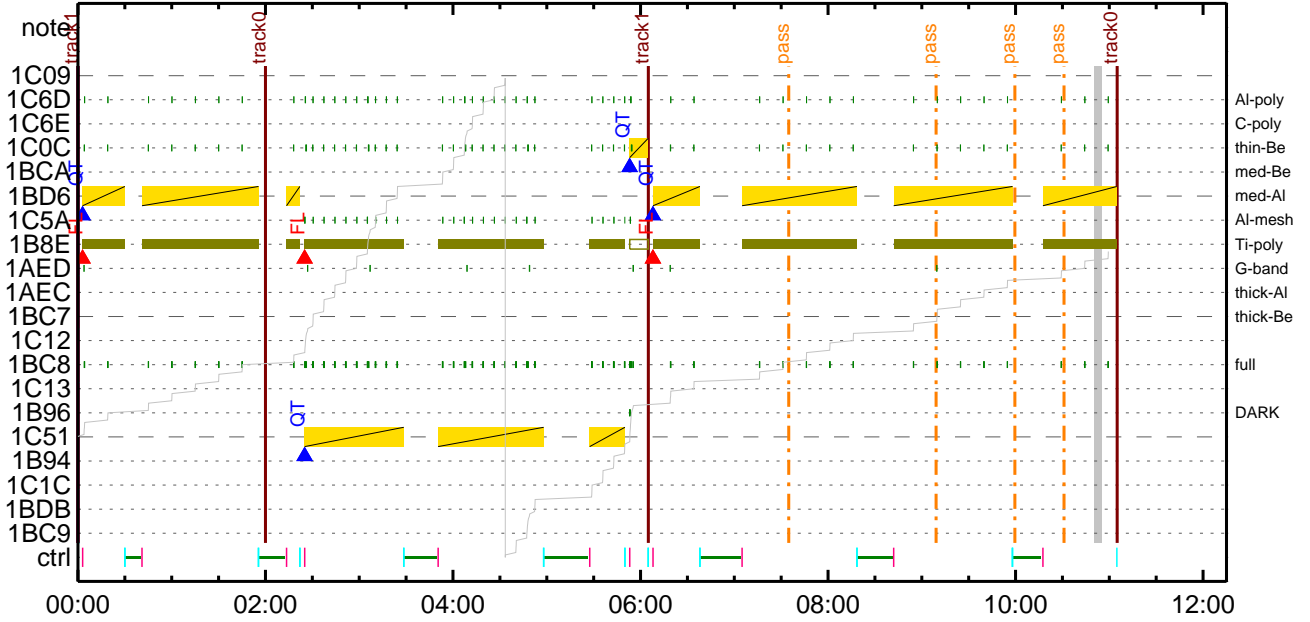
CMDI #0650 2019/12/13



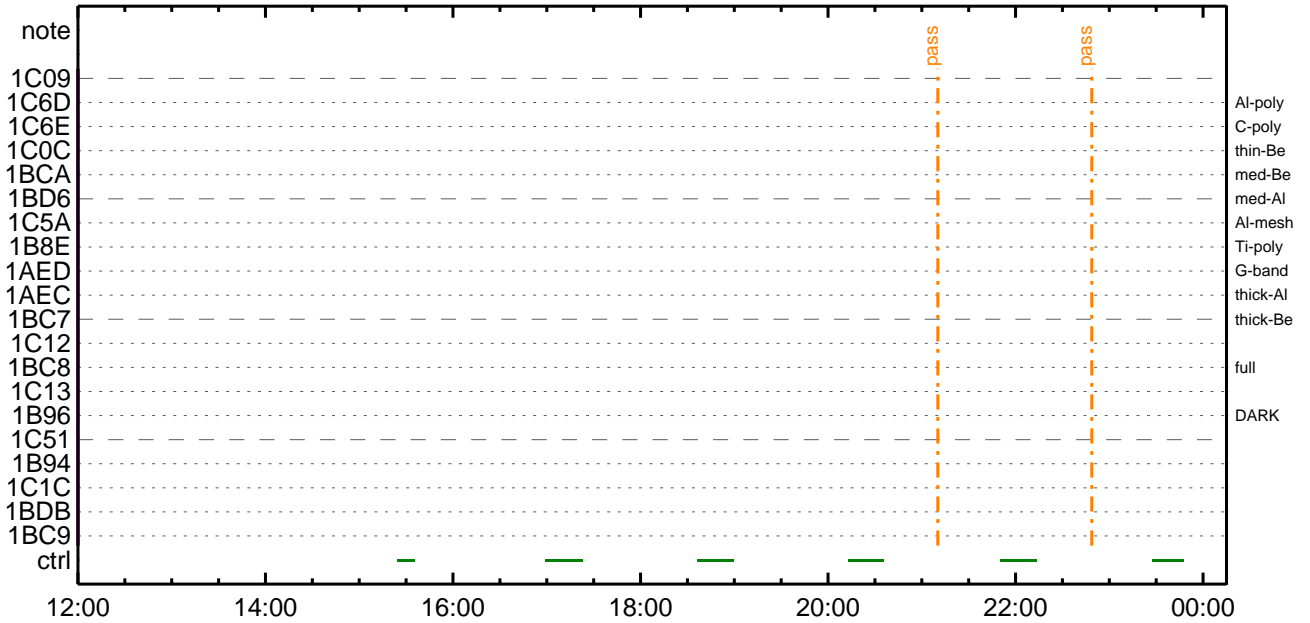
CMDI #0650 2019/12/13



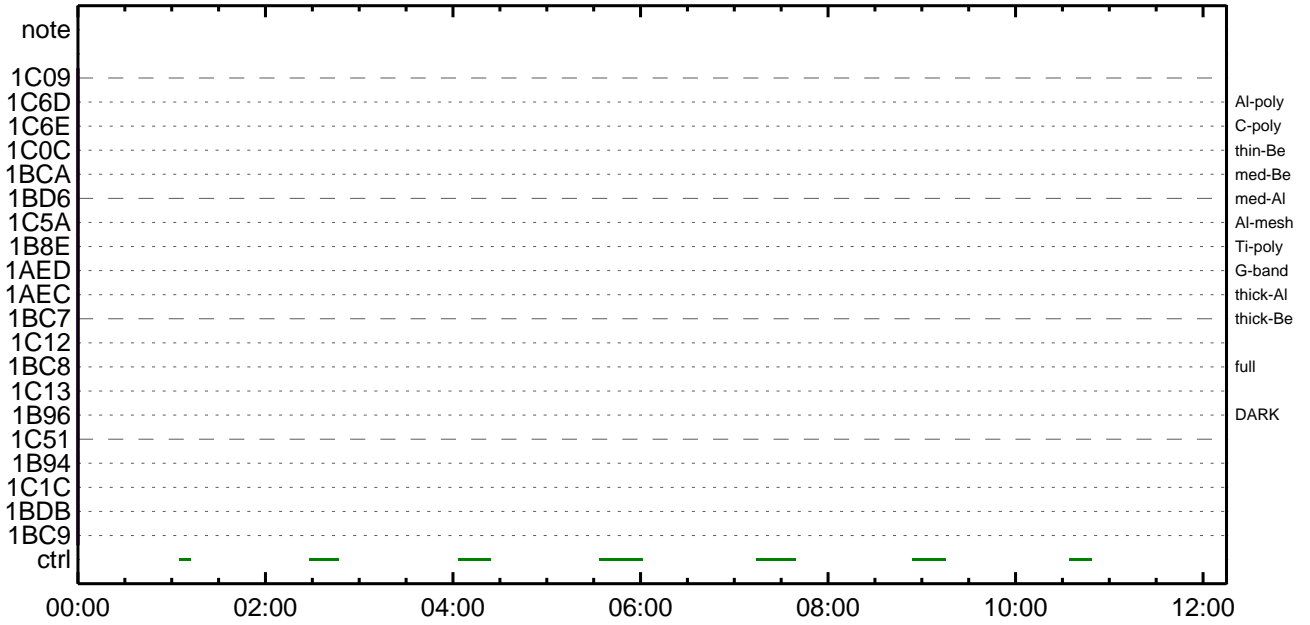
CMDI #0650 2019/12/14



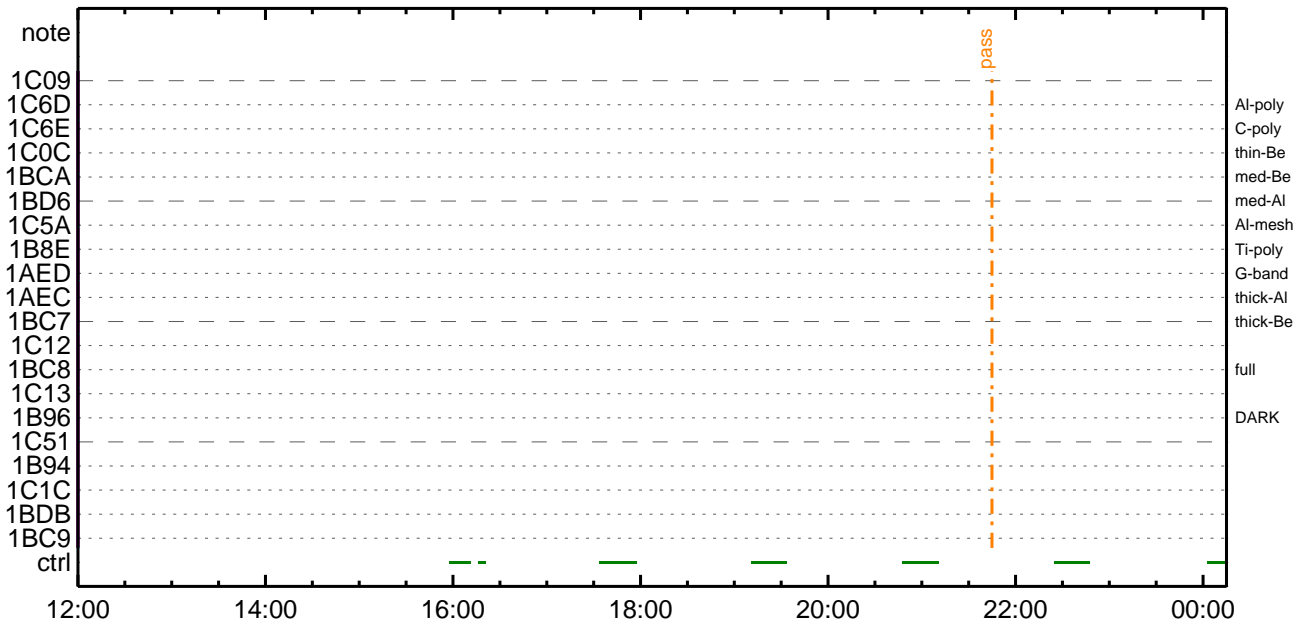
CMDI #0650 2019/12/14



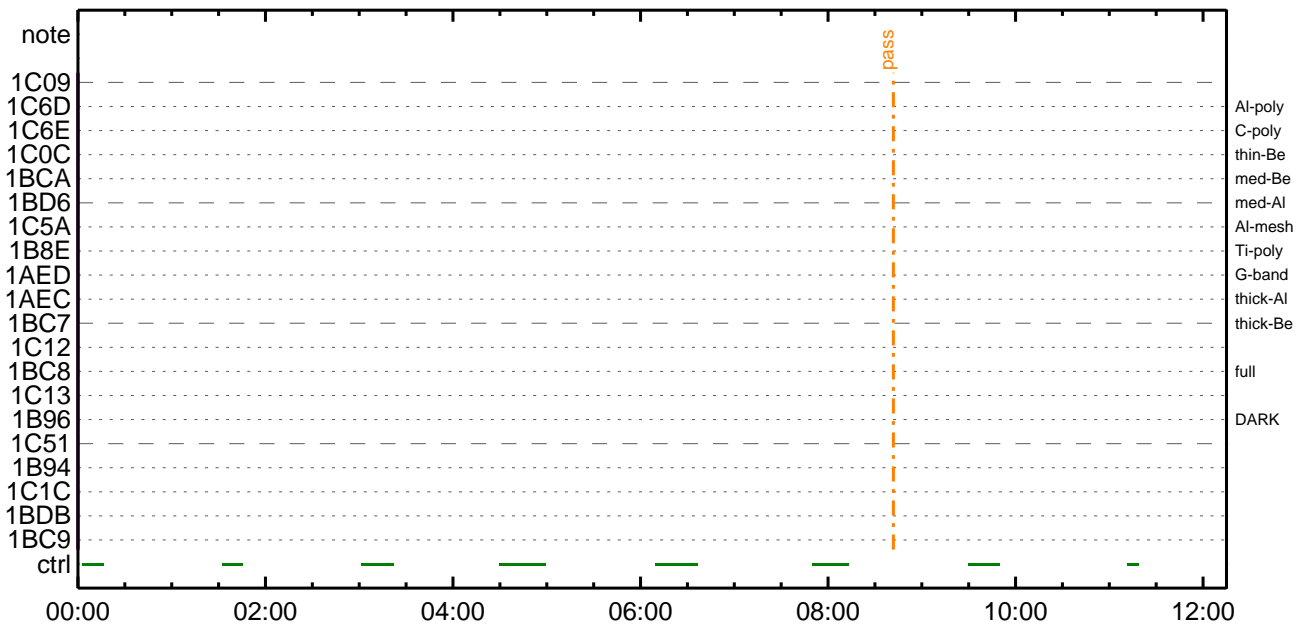
CMDI #0650 2019/12/15



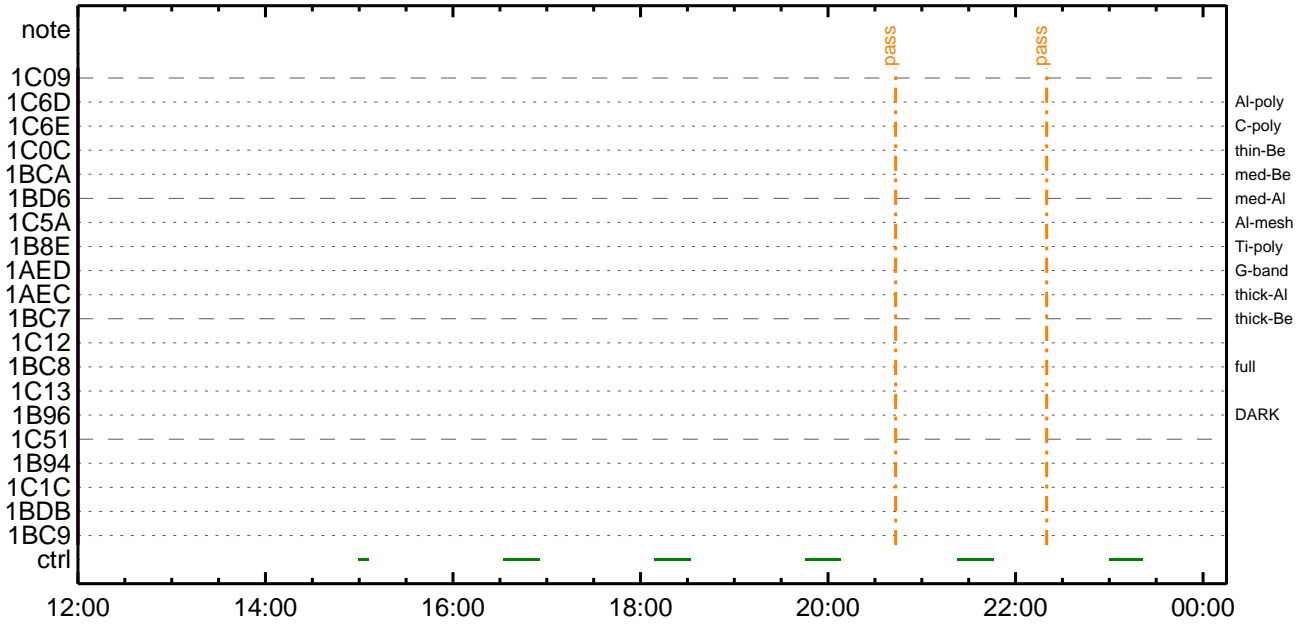
CMDI #0650 2019/12/15



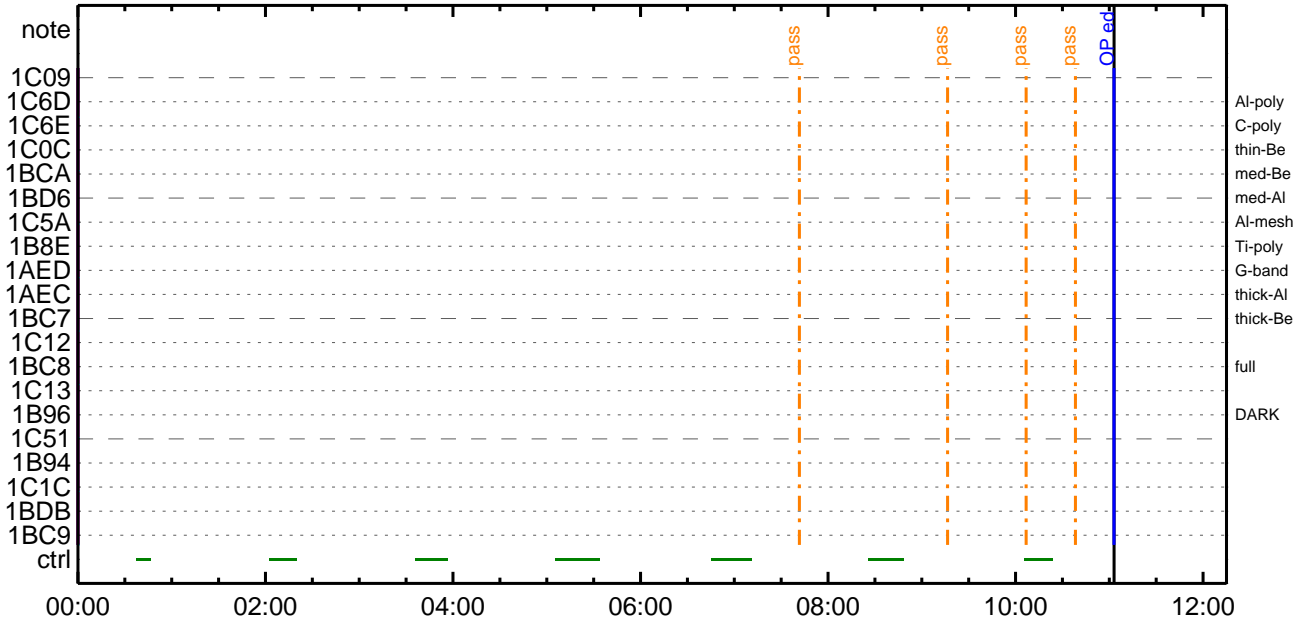
CMDI #0650 2019/12/16



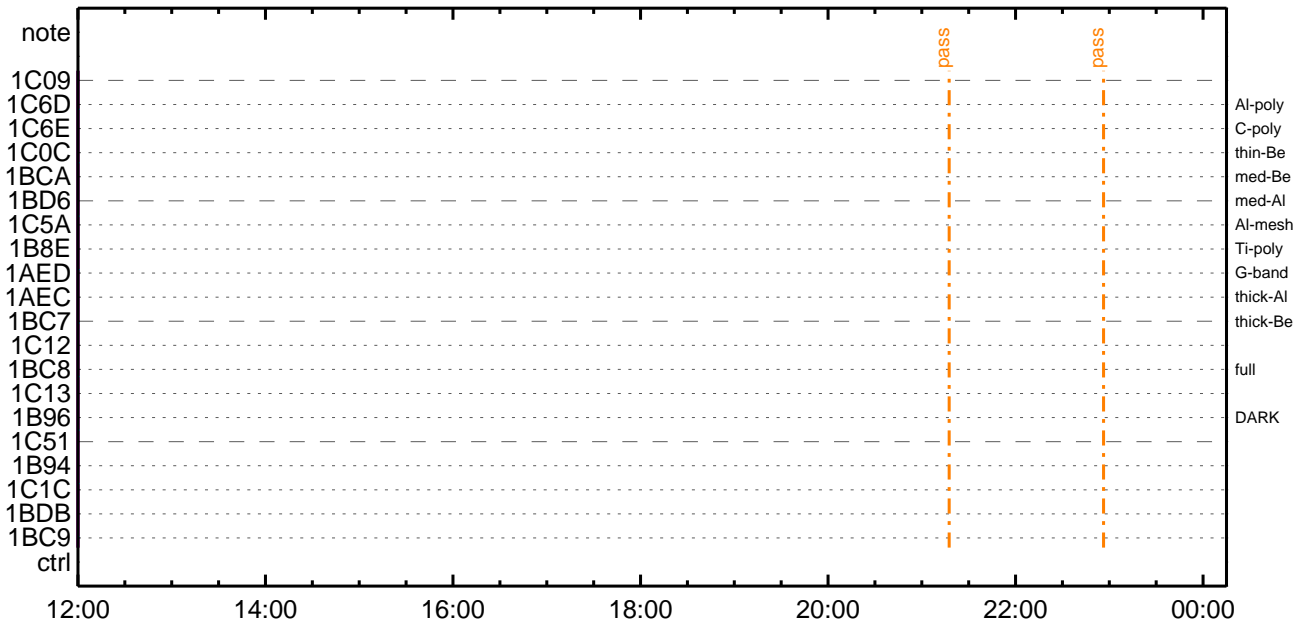
CMDI #0650 2019/12/16



CMDI #0650 2019/12/17



CMDI #0650 2019/12/17




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0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;|AY6Yx
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-497:OP
0104 ( )
0105 S. OG og-497:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPfî°èYAY6Yx;ã
0109 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç[HK1_PKT_FORM_NO] EQ 7
0120 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 C. YAY6Yx½ªî»ð³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOGñî¼Ë¹ç•ë²îOKð³îÇ§
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. çç[HK1_PKT_FORM_NO] EQ 7
0139 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 C. YAY6Yx½ªî»ð³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOGñî¼Ë¹ç•ë²îOKð³îÇ§
0146 C.
0147 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. çç[HK1_PKT_FORM_NO] EQ 7
0158 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 C. YAY6Yx½ªî»ð³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OPñî¼Ë¹ç•ë²îOKð³îÇ§
0165 C.
0166 C. ***** òË²¼òî¼Ã´¶Á°òËË-ò°Á÷¿@ (¼åµ-YAY6Yx½ªî»ð³îÇ§òðÁÓÃæòÇ¼ª°"ðè¼î¹çòÇðâ) *****
0167 C. DHUYâ;4YE;Ë¼Y½;Yî;4YE;Ëððîã¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç[HK1_PKT_FORM_NO] EQ 2
0171 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 C. NOTICE ;§ OPOG UPLOADñ-Á÷¿@NGñî¼Ë¹ç;ç°Ë²¼òî¼TI-CMDÁ÷¿@ñî¼Ë¹Òª•òËòò³òË;ç
0180 C. òËò¿;çSETòËDUMPAË±°îYÑY¹ç¹Òª|ò³òË;ç
0181 C.
0182 C. TIY³YËY6YËòðÁî¿(UT)
0183 +. TI 2019-12-12 10:46:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2019-12-12 10:46:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2019-12-12 10:46:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

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0096 C.
0097 . C. ***** LOS *****
0098 C.

*** OP Sequence for XRT ***

| | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----------------|--|--|
| 2019/12/12 | 11:00:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/12/12 | 11:00:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/12/12 | 11:00:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | |
| 2019/12/12 | 11:01:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | | |
| 2019/12/12 | 11:01:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2019/12/12 | 11:01:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2019/12/12 | 11:01:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2019/12/12 | 11:01:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2019/12/12 | 11:01:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2019/12/12 | 11:03:56.0 | XRT_QT_PROG_SET_416_OG [0x1a0] | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 | | |
| 2019/12/12 | 11:03:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | |
| 2019/12/12 | 11:04:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2019/12/12 | 15:51:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/12/12 | 15:51:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/12/12 | 15:51:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2019/12/12 | 15:51:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2019/12/12 | 15:54:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2019/12/12 | 16:11:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/12/12 | 16:11:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/12/12 | 16:11:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2019/12/12 | 16:11:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2019/12/12 | 16:13:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2019/12/12 | 16:14:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2019/12/12 | 16:14:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2019/12/12 | 17:26:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/12/12 | 17:26:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/12/12 | 17:26:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2019/12/12 | 17:26:36.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2019/12/12 | 17:29:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2019/12/12 | 17:50:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2019/12/12 | 17:51:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2019/12/12 | 18:05:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/12/12 | 18:05:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/12/12 | 18:05:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | |
| 2019/12/12 | 18:05:30.0 | AOCS_Ore-point_Start_2_OG [0x098] | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | |
| 2019/12/12 | 18:05:48.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | |
| 2019/12/12 | 18:05:50.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | |
| 2019/12/12 | 18:05:52.0 | XRT_ARS_DIS_443_OG [0x1bb] | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2019/12/12 | 18:08:28.0 | XRT_QT_PROG_SET_422_OG [0x1a6] | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 11 | | |
| 2019/12/12 | 18:08:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2019/12/12 | 18:15:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/12/12 | 18:15:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2019/12/12 | 18:15:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | |
| 2019/12/12 | 18:15:30.0 | AOCS_Ore-point_Start_3_OG [0x099] | | | | | |
| | | AOCU_NM | 5 | 02-76 | 01 00 00 00 00 | | |
| 2019/12/12 | 18:15:48.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2019/12/12 | 18:15:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2019/12/12 | 18:15:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | |

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XRT_OGLIST_0650.chk

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| | | | | | | |
|------------|------------|-----------------------------------|---------------------|---|-------|-------------|
| 2019/12/12 | 18:15:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2019/12/12 | 18:15:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2019/12/12 | 18:18:26.0 | XRT_QT_PROG_SET_404_OG [0x194] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0f |
| 2019/12/12 | 18:18:28.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d |
| 2019/12/12 | 18:18:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2019/12/12 | 19:03:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2019/12/12 | 19:03:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2019/12/12 | 19:03:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2019/12/12 | 19:03:36.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2019/12/12 | 19:06:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2019/12/12 | 19:27:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2019/12/12 | 19:28:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2019/12/12 | 20:40:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2019/12/12 | 20:40:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2019/12/12 | 20:40:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2019/12/12 | 20:40:36.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2019/12/12 | 20:43:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2019/12/12 | 21:04:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2019/12/12 | 21:05:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2019/12/12 | 22:17:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2019/12/12 | 22:17:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2019/12/12 | 22:17:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2019/12/12 | 22:17:36.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2019/12/12 | 22:20:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2019/12/12 | 22:40:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2019/12/12 | 22:41:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2019/12/12 | 23:55:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2019/12/12 | 23:55:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2019/12/12 | 23:55:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2019/12/12 | 23:55:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2019/12/12 | 23:58:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2019/12/13 | 00:11:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2019/12/13 | 00:12:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2019/12/13 | 01:28:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2019/12/13 | 01:28:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2019/12/13 | 01:28:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2019/12/13 | 01:28:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2019/12/13 | 01:31:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2019/12/13 | 01:32:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2019/12/13 | 01:32:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2019/12/13 | 01:32:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2019/12/13 | 01:32:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2019/12/13 | 01:35:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2019/12/13 | 01:38:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2019/12/13 | 01:39:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2019/12/13 | 01:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2019/12/13 | 01:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2019/12/13 | 01:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2019/12/13 | 02:00:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | | | | |

| | | | | | | | | | | |
|------------|------------|-----------------------------------|---------|---|-------|----|----|----|----|----|
| 2019/12/13 | 02:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| | | MDP_XRT_FLD_ENA | | 1 | 07-F0 | d8 | | | | |
| 2019/12/13 | 02:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | 1 | 07-F0 | c8 | | | | |
| | | MDP_XRT_FLRCTRL_ENA | | 1 | 07-F0 | c8 | | | | |
| 2019/12/13 | 02:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | 1 | 07-F0 | d0 | | | | |
| | | MDP_XRT_AEC_RESET | | 1 | 07-F0 | d0 | | | | |
| 2019/12/13 | 02:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | 1 | 07-F0 | d5 | | | | |
| | | MDP_XRT_ARS_DIS | | 1 | 07-F0 | d5 | | | | |
| 2019/12/13 | 02:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | 1 | 07-F0 | da | | | | |
| | | MDP_XRT_FLD_RESET | | 1 | 07-F0 | da | | | | |
| 2019/12/13 | 02:02:56.0 | XRT_QT_PROG_SET_421_OG [0x1a5] | | 2 | 07-F0 | c4 | 05 | | | |
| | | MDP_XRT_QT_PROG_SET | | 2 | 07-F0 | c4 | 05 | | | |
| 2019/12/13 | 02:02:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | 2 | 07-F0 | c5 | 0d | | | |
| | | MDP_XRT_FL_PROG_SET | | 2 | 07-F0 | c5 | 0d | | | |
| 2019/12/13 | 02:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | 1 | 07-F0 | c0 | | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | c0 | | | | |
| 2019/12/13 | 02:54:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | c1 | | | | |
| 2019/12/13 | 02:54:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | c1 | | | | |
| 2019/12/13 | 02:54:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | da | | | | |
| | | MDP_XRT_FLD_RESET | | 1 | 07-F0 | da | | | | |
| 2019/12/13 | 02:54:36.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | 1 | 07-F0 | e8 | | | | |
| | | MDP_XRT_PREFLR_STRT | | 1 | 07-F0 | e8 | | | | |
| 2019/12/13 | 02:57:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | 1 | 07-F0 | e9 | | | | |
| | | MDP_XRT_PREFLR_STOP | | 1 | 07-F0 | e9 | | | | |
| 2019/12/13 | 03:14:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2019/12/13 | 03:15:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | 1 | 07-F0 | c0 | | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | c0 | | | | |
| 2019/12/13 | 04:23:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | c1 | | | | |
| 2019/12/13 | 04:23:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | c1 | | | | |
| 2019/12/13 | 04:23:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | da | | | | |
| | | MDP_XRT_FLD_RESET | | 1 | 07-F0 | da | | | | |
| 2019/12/13 | 04:23:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | 1 | 07-F0 | e8 | | | | |
| | | MDP_XRT_PREFLR_STRT | | 1 | 07-F0 | e8 | | | | |
| 2019/12/13 | 04:26:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | 1 | 07-F0 | e9 | | | | |
| | | MDP_XRT_PREFLR_STOP | | 1 | 07-F0 | e9 | | | | |
| 2019/12/13 | 04:51:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2019/12/13 | 04:52:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | 1 | 07-F0 | c0 | | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | c0 | | | | |
| 2019/12/13 | 05:36:00.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | c1 | | | | |
| 2019/12/13 | 05:36:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | c1 | | | | |
| 2019/12/13 | 05:36:04.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | 4 | 07-F8 | 22 | ff | aa | 00 | |
| | | XRT_FOCUS_POSITION | | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2019/12/13 | 05:36:24.0 | XRT_FLD_DIS_409_OG [0x199] | | 1 | 07-F0 | d9 | | | | |
| | | MDP_XRT_FLD_DIS | | 1 | 07-F0 | d9 | | | | |
| 2019/12/13 | 05:36:26.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | 1 | 07-F0 | c9 | | | | |
| | | MDP_XRT_FLRCTRL_DIS | | 1 | 07-F0 | c9 | | | | |
| 2019/12/13 | 05:36:28.0 | XRT_ARS_DIS_443_OG [0x1bb] | | 1 | 07-F0 | d5 | | | | |
| | | MDP_XRT_ARS_DIS | | 1 | 07-F0 | d5 | | | | |
| 2019/12/13 | 05:39:04.0 | XRT_QT_PROG_SET_422_OG [0x1a6] | | 2 | 07-F0 | c4 | 11 | | | |
| | | MDP_XRT_QT_PROG_SET | | 2 | 07-F0 | c4 | 11 | | | |
| 2019/12/13 | 05:39:06.0 | XRT_CTRL_AUTO_408_OG [0x198] | | 1 | 07-F0 | c0 | | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | c0 | | | | |
| 2019/12/13 | 05:45:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | c1 | | | | |
| 2019/12/13 | 05:45:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | c1 | | | | |
| 2019/12/13 | 05:45:28.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | 4 | 07-F8 | 22 | ff | aa | 00 | |
| | | XRT_FOCUS_POSITION | | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2019/12/13 | 05:45:30.0 | AOCs_OrE-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 01 | 00 | 00 | 00 | 00 |
| | | MDP_XRT_FLD_ENA | | 1 | 07-F0 | d8 | | | | |
| 2019/12/13 | 05:45:48.0 | XRT_FLD_ENA_411_OG [0x19b] | | 1 | 07-F0 | d8 | | | | |
| | | MDP_XRT_FLD_ENA | | 1 | 07-F0 | d8 | | | | |
| 2019/12/13 | 05:45:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | 1 | 07-F0 | c8 | | | | |
| | | MDP_XRT_FLRCTRL_ENA | | 1 | 07-F0 | c8 | | | | |
| 2019/12/13 | 05:45:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | | 1 | 07-F0 | d0 | | | | |
| | | MDP_XRT_AEC_RESET | | 1 | 07-F0 | d0 | | | | |
| 2019/12/13 | 05:45:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | | 1 | 07-F0 | d5 | | | | |
| | | MDP_XRT_ARS_DIS | | 1 | 07-F0 | d5 | | | | |
| 2019/12/13 | 05:45:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | | 1 | 07-F0 | da | | | | |
| | | MDP_XRT_FLD_RESET | | 1 | 07-F0 | da | | | | |
| 2019/12/13 | 05:48:26.0 | XRT_QT_PROG_SET_404_OG [0x194] | | 2 | 07-F0 | c4 | 0f | | | |
| | | MDP_XRT_QT_PROG_SET | | 2 | 07-F0 | c4 | 0f | | | |
| 2019/12/13 | 05:48:28.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | 2 | 07-F0 | c5 | 0d | | | |
| | | MDP_XRT_FL_PROG_SET | | 2 | 07-F0 | c5 | 0d | | | |
| 2019/12/13 | 05:48:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | 1 | 07-F0 | c0 | | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | c0 | | | | |
| 2019/12/13 | 06:02:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | c1 | | | | |
| 2019/12/13 | 06:02:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | c1 | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | c1 | | | | |
| 2019/12/13 | 06:02:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | da | | | | |
| | | MDP_XRT_FLD_RESET | | 1 | 07-F0 | da | | | | |
| 2019/12/13 | 06:02:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | 1 | 07-F0 | e8 | | | | |
| | | MDP_XRT_PREFLR_STRT | | 1 | 07-F0 | e8 | | | | |
| 2019/12/13 | 06:05:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | 1 | 07-F0 | e9 | | | | |
| | | MDP_XRT_PREFLR_STOP | | 1 | 07-F0 | e9 | | | | |

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| 2019/12/13 | 06:29:01.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2019/12/13 | 06:30:01.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2019/12/13 | 07:42:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/13 | 07:42:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/13 | 07:42:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2019/12/13 | 07:42:36.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2019/12/13 | 07:45:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2019/12/13 | 08:06:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2019/12/13 | 08:07:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2019/12/13 | 09:22:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/13 | 09:22:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/13 | 09:22:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2019/12/13 | 09:22:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2019/12/13 | 09:25:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2019/12/13 | 09:42:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2019/12/13 | 09:43:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2019/12/13 | 09:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/13 | 09:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/13 | 09:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | |
| 2019/12/13 | 10:00:00.0 | AOCS_Ore-point_Start_4_OG [0x09a] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 57 74 01 f3 | | | |
| 2019/12/13 | 10:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2019/12/13 | 10:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2019/12/13 | 10:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2019/12/13 | 10:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2019/12/13 | 10:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2019/12/13 | 10:02:56.0 | XRT_QT_PROG_SET_418_OG [0x1a2] | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | | | |
| 2019/12/13 | 10:02:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | |
| 2019/12/13 | 10:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2019/12/13 | 11:03:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/13 | 11:03:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/13 | 11:03:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2019/12/13 | 11:03:36.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2019/12/13 | 11:06:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2019/12/13 | 11:13:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/13 | 11:13:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/13 | 11:13:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | |
| 2019/12/13 | 11:14:00.0 | AOCS_Ore-point_Start_5_OG [0x09b] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 4e 97 01 f3 | | | |
| 2019/12/13 | 11:14:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2019/12/13 | 11:14:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2019/12/13 | 11:14:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2019/12/13 | 11:14:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2019/12/13 | 11:14:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2019/12/13 | 11:16:56.0 | XRT_QT_PROG_SET_418_OG [0x1a2] | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | | | |
| 2019/12/13 | 11:16:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | |
| 2019/12/13 | 11:17:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2019/12/13 | 11:43:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/13 | 11:43:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/13 | 11:43:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | |

| | | | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----|----|----|----|----|
| 2019/12/13 | 11:44:00.0 | AOCS_OrE-point_Start_6_OG [0x09c] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 45 | b2 | 01 | f3 |
| 2019/12/13 | 11:44:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | | | d8 | | |
| 2019/12/13 | 11:44:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | | | c8 | | |
| 2019/12/13 | 11:44:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | | | d0 | | |
| 2019/12/13 | 11:44:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | | | d5 | | |
| 2019/12/13 | 11:44:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | | | da | | |
| 2019/12/13 | 11:46:56.0 | XRT_QT_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | | c4 | | 03 | |
| 2019/12/13 | 11:46:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | | c5 | | 0d | |
| 2019/12/13 | 11:47:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | | c0 | | |
| 2019/12/13 | 12:13:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | c1 | | |
| 2019/12/13 | 12:13:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | c1 | | |
| 2019/12/13 | 12:13:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | | 97 | 00 |
| 2019/12/13 | 12:14:00.0 | AOCS_OrE-point_Start_7_OG [0x09d] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 3c | cc | 01 | f3 |
| 2019/12/13 | 12:14:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | | | d8 | | |
| 2019/12/13 | 12:14:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | | | c8 | | |
| 2019/12/13 | 12:14:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | | | d0 | | |
| 2019/12/13 | 12:14:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | | | d5 | | |
| 2019/12/13 | 12:14:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | | | da | | |
| 2019/12/13 | 12:16:56.0 | XRT_QT_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | | c4 | | 03 | |
| 2019/12/13 | 12:16:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | | c5 | | 0d | |
| 2019/12/13 | 12:17:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | | c0 | | |
| 2019/12/13 | 12:43:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | c1 | | |
| 2019/12/13 | 12:43:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | c1 | | |
| 2019/12/13 | 12:43:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | | 97 | 00 |
| 2019/12/13 | 12:44:00.0 | AOCS_OrE-point_Start_8_OG [0x09e] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 33 | e7 | 01 | f3 |
| 2019/12/13 | 12:44:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | | | d8 | | |
| 2019/12/13 | 12:44:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | | | c8 | | |
| 2019/12/13 | 12:44:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | | | d0 | | |
| 2019/12/13 | 12:44:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | | | d5 | | |
| 2019/12/13 | 12:44:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | | | da | | |
| 2019/12/13 | 12:46:56.0 | XRT_QT_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | | c4 | | 03 | |
| 2019/12/13 | 12:46:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | | c5 | | 0d | |
| 2019/12/13 | 12:47:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | | c0 | | |
| 2019/12/13 | 13:13:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | c1 | | |
| 2019/12/13 | 13:13:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | c1 | | |
| 2019/12/13 | 13:13:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | | 97 | 00 |
| 2019/12/13 | 13:14:00.0 | AOCS_OrE-point_Start_9_OG [0x09f] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 2b | 02 | 01 | f3 |
| 2019/12/13 | 13:14:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | | | d8 | | |
| 2019/12/13 | 13:14:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | | | c8 | | |
| 2019/12/13 | 13:14:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | | | d0 | | |
| 2019/12/13 | 13:14:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | | | d5 | | |
| 2019/12/13 | 13:14:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | | | da | | |
| 2019/12/13 | 13:16:56.0 | XRT_QT_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | | c4 | | 03 | |
| 2019/12/13 | 13:16:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | | c5 | | 0d | |
| 2019/12/13 | 13:17:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | | c0 | | |
| 2019/12/13 | 13:43:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | | c1 | | |
| 2019/12/13 | 13:43:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |

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|------------|------------|------------------------------------|---------------------|---|-------|----------------|--|
| 2019/12/13 | 13:43:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/12/13 | 13:44:00.0 | AOCS_ORe-point_Start_10_OG [0x0a0] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2019/12/13 | 13:44:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 00 22 24 01 f3 | |
| 2019/12/13 | 13:44:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2019/12/13 | 13:44:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2019/12/13 | 13:44:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2019/12/13 | 13:44:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2019/12/13 | 13:46:56.0 | XRT_QT_PROG_SET_418_OG [0x1a2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2019/12/13 | 13:46:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | |
| 2019/12/13 | 13:47:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | |
| 2019/12/13 | 14:13:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2019/12/13 | 14:13:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/12/13 | 14:13:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/12/13 | 14:14:00.0 | AOCS_ORe-point_Start_11_OG [0x0a1] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2019/12/13 | 14:14:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 00 19 3f 01 f3 | |
| 2019/12/13 | 14:14:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2019/12/13 | 14:14:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2019/12/13 | 14:14:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2019/12/13 | 14:14:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2019/12/13 | 14:16:56.0 | XRT_QT_PROG_SET_418_OG [0x1a2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2019/12/13 | 14:16:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | |
| 2019/12/13 | 14:17:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | |
| 2019/12/13 | 14:52:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2019/12/13 | 14:52:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/12/13 | 14:52:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/12/13 | 14:52:36.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2019/12/13 | 14:55:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2019/12/13 | 14:58:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2019/12/13 | 14:58:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/12/13 | 14:58:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/12/13 | 14:59:00.0 | AOCS_ORe-point_Start_12_OG [0x0a2] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2019/12/13 | 14:59:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 00 10 5a 01 f3 | |
| 2019/12/13 | 14:59:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2019/12/13 | 14:59:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2019/12/13 | 14:59:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2019/12/13 | 14:59:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2019/12/13 | 15:01:56.0 | XRT_QT_PROG_SET_418_OG [0x1a2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2019/12/13 | 15:01:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | |
| 2019/12/13 | 15:02:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | |
| 2019/12/13 | 15:28:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2019/12/13 | 15:28:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/12/13 | 15:28:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/12/13 | 15:29:00.0 | AOCS_ORe-point_Start_13_OG [0x0a3] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2019/12/13 | 15:29:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 00 07 74 01 f3 | |
| 2019/12/13 | 15:29:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2019/12/13 | 15:29:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2019/12/13 | 15:29:22.0 | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |

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| 2019/12/13 | 15:29:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2019/12/13 | 15:29:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2019/12/13 | 15:31:56.0 | XRT_QT_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | | | | |
| 2019/12/13 | 15:31:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | | |
| 2019/12/13 | 15:32:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/12/13 | 16:25:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/12/13 | 16:25:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/12/13 | 16:25:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2019/12/13 | 16:25:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2019/12/13 | 16:28:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2019/12/13 | 16:48:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/12/13 | 16:48:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/12/13 | 16:48:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2019/12/13 | 16:49:00.0 | AOCS_Ore-point_Start_14_OG [0x0a4] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 ff 75 01 f3 | | | | |
| 2019/12/13 | 16:49:18.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2019/12/13 | 16:49:20.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2019/12/13 | 16:49:22.0 | XRT_ARS_DIS_443_OG [0x1bb] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2019/12/13 | 16:51:58.0 | XRT_QT_PROG_SET_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 11 | | | | |
| 2019/12/13 | 16:52:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/12/13 | 17:18:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/12/13 | 17:18:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/12/13 | 17:18:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2019/12/13 | 17:19:00.0 | AOCS_Ore-point_Start_15_OG [0x0a5] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 f6 98 01 f3 | | | | |
| 2019/12/13 | 17:19:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2019/12/13 | 17:19:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2019/12/13 | 17:19:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2019/12/13 | 17:19:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2019/12/13 | 17:19:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2019/12/13 | 17:21:56.0 | XRT_QT_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | | | | |
| 2019/12/13 | 17:21:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | | |
| 2019/12/13 | 17:22:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/12/13 | 18:01:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/12/13 | 18:01:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/12/13 | 18:01:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2019/12/13 | 18:01:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2019/12/13 | 18:04:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2019/12/13 | 18:25:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/12/13 | 18:25:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/12/13 | 18:25:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2019/12/13 | 18:26:00.0 | AOCS_Ore-point_Start_16_OG [0x0a6] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 ed b3 01 f3 | | | | |
| 2019/12/13 | 18:26:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2019/12/13 | 18:26:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2019/12/13 | 18:26:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2019/12/13 | 18:26:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2019/12/13 | 18:26:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2019/12/13 | 18:28:56.0 | XRT_QT_PROG_SET_418_OG [0x1a2] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | | | | |
| 2019/12/13 | 18:28:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |

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|------------|------------|------------------------------------|---------------------|---|-------|----------------|----|
| 2019/12/13 | 18:29:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d |
| 2019/12/13 | 18:55:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2019/12/13 | 18:55:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/12/13 | 18:55:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/12/13 | 18:56:00.0 | AOCS_OrE-point_Start_17_OG [0x0a7] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2019/12/13 | 18:56:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 00 e4 cd 01 f3 | |
| 2019/12/13 | 18:56:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2019/12/13 | 18:56:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2019/12/13 | 18:56:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2019/12/13 | 18:56:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2019/12/13 | 18:58:56.0 | XRT_QT_PROG_SET_418_OG [0x1a2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2019/12/13 | 18:58:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | |
| 2019/12/13 | 18:59:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | |
| 2019/12/13 | 19:38:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2019/12/13 | 19:38:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/12/13 | 19:38:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/12/13 | 19:38:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2019/12/13 | 19:41:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2019/12/13 | 20:02:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2019/12/13 | 20:02:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/12/13 | 20:02:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/12/13 | 20:02:30.0 | AOCS_OrE-point_Start_18_OG [0x0a8] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2019/12/13 | 20:02:48.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 00 db e8 01 f3 | |
| 2019/12/13 | 20:02:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2019/12/13 | 20:02:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2019/12/13 | 20:02:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2019/12/13 | 20:02:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2019/12/13 | 20:05:26.0 | XRT_QT_PROG_SET_418_OG [0x1a2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2019/12/13 | 20:05:28.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | |
| 2019/12/13 | 20:05:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | |
| 2019/12/13 | 20:32:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2019/12/13 | 20:32:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/12/13 | 20:32:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/12/13 | 20:32:30.0 | AOCS_OrE-point_Start_19_OG [0x0a9] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2019/12/13 | 20:32:48.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 00 d3 03 01 f3 | |
| 2019/12/13 | 20:32:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2019/12/13 | 20:32:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2019/12/13 | 20:32:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2019/12/13 | 20:32:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2019/12/13 | 20:35:26.0 | XRT_QT_PROG_SET_418_OG [0x1a2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2019/12/13 | 20:35:28.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | |
| 2019/12/13 | 20:35:30.5 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | |
| 2019/12/13 | 21:15:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2019/12/13 | 21:15:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/12/13 | 21:15:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2019/12/13 | 21:15:36.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |

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| 2019/12/13 | 21:18:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2019/12/13 | 21:39:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/13 | 21:39:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/13 | 21:39:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | |
| 2019/12/13 | 21:39:30.0 | AOCS_Ore-point_Start_20_OG [0x0aa] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 ca 25 01 f3 | | | |
| 2019/12/13 | 21:39:48.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2019/12/13 | 21:39:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2019/12/13 | 21:39:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2019/12/13 | 21:39:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2019/12/13 | 21:39:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2019/12/13 | 21:42:26.0 | XRT_QT_PROG_SET_418_OG [0x1a2] | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | | | |
| 2019/12/13 | 21:42:28.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | |
| 2019/12/13 | 21:42:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2019/12/13 | 22:09:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/13 | 22:09:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/13 | 22:09:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | |
| 2019/12/13 | 22:09:30.0 | AOCS_Ore-point_Start_21_OG [0x0ab] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 c1 40 01 f3 | | | |
| 2019/12/13 | 22:09:48.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2019/12/13 | 22:09:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2019/12/13 | 22:09:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2019/12/13 | 22:09:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2019/12/13 | 22:09:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2019/12/13 | 22:12:26.0 | XRT_QT_PROG_SET_418_OG [0x1a2] | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | | | |
| 2019/12/13 | 22:12:28.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | |
| 2019/12/13 | 22:12:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2019/12/13 | 22:52:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/13 | 22:52:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/13 | 22:52:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2019/12/13 | 22:52:36.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2019/12/13 | 22:55:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2019/12/13 | 23:15:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/13 | 23:15:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/13 | 23:15:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | |
| 2019/12/13 | 23:15:30.0 | AOCS_Ore-point_Start_22_OG [0x0ac] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 b8 5b 01 f3 | | | |
| 2019/12/13 | 23:15:48.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2019/12/13 | 23:15:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2019/12/13 | 23:15:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2019/12/13 | 23:15:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2019/12/13 | 23:15:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2019/12/13 | 23:18:26.0 | XRT_QT_PROG_SET_418_OG [0x1a2] | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | | | |
| 2019/12/13 | 23:18:28.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | |
| 2019/12/13 | 23:18:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2019/12/13 | 23:45:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/13 | 23:45:26.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/13 | 23:45:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | |
| 2019/12/13 | 23:45:30.0 | AOCS_Ore-point_Start_23_OG [0x0ad] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 af 75 01 f3 | | | |
| 2019/12/13 | 23:45:48.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | |

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| 2019/12/13 | 23:45:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| | | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2019/12/13 | 23:45:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2019/12/13 | 23:45:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2019/12/13 | 23:45:56.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2019/12/13 | 23:48:26.0 | XRT_QT_PROG_SET_418_OG [0x1a2] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 03 | | |
| 2019/12/13 | 23:48:28.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d | | |
| 2019/12/13 | 23:48:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2019/12/13 | 23:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/13 | 23:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/13 | 23:59:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 |
| 2019/12/14 | 00:00:00.0 | AOCS_Or-e-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 01 | 00 | 00 | 00 |
| 2019/12/14 | 00:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2019/12/14 | 00:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2019/12/14 | 00:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2019/12/14 | 00:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2019/12/14 | 00:00:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2019/12/14 | 00:02:56.0 | XRT_QT_PROG_SET_404_OG [0x194] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0f | | |
| 2019/12/14 | 00:02:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d | | |
| 2019/12/14 | 00:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2019/12/14 | 00:30:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/14 | 00:30:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/14 | 00:30:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2019/12/14 | 00:30:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2019/12/14 | 00:33:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2019/12/14 | 00:40:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2019/12/14 | 00:41:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2019/12/14 | 01:55:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/14 | 01:55:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/14 | 01:55:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2019/12/14 | 01:55:36.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2019/12/14 | 01:58:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2019/12/14 | 02:00:00.0 | AOCS_Or-e-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 |
| 2019/12/14 | 02:12:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2019/12/14 | 02:13:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2019/12/14 | 02:22:00.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/14 | 02:22:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/14 | 02:22:04.0 | XRT_FOCUS_POSITION_406_OG [0x196] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 |
| 2019/12/14 | 02:22:24.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2019/12/14 | 02:22:26.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2019/12/14 | 02:22:28.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2019/12/14 | 02:22:30.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2019/12/14 | 02:22:32.0 | XRT_FLD_RESET_434_OG [0x1b2] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2019/12/14 | 02:25:02.0 | XRT_QT_PROG_SET_421_OG [0x1a5] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 05 | | |
| 2019/12/14 | 02:25:04.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d | | |
| 2019/12/14 | 02:25:06.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2019/12/14 | 03:28:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2019/12/14 | 03:28:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |

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|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2019/12/14 | 03:28:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2019/12/14 | 03:28:36.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2019/12/14 | 03:31:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2019/12/14 | 03:49:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2019/12/14 | 03:50:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/12/14 | 04:58:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/12/14 | 04:58:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/12/14 | 04:58:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2019/12/14 | 04:58:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2019/12/14 | 05:01:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2019/12/14 | 05:26:30.5 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2019/12/14 | 05:27:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/12/14 | 05:50:00.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/12/14 | 05:50:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/12/14 | 05:50:04.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2019/12/14 | 05:50:24.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2019/12/14 | 05:50:26.0 | XRT_FLRCTRL_DIS_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2019/12/14 | 05:50:28.0 | XRT_ARS_DIS_443_OG [0x1bb] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2019/12/14 | 05:53:04.0 | XRT_QT_PROG_SET_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 11 | | | | |
| 2019/12/14 | 05:53:06.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/12/14 | 06:04:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/12/14 | 06:04:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/12/14 | 06:04:58.0 | XRT_FOCUS_POSITION_406_OG [0x196] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2019/12/14 | 06:05:00.0 | AOCS_Ore-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 01 00 00 00 00 | | | | |
| 2019/12/14 | 06:05:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2019/12/14 | 06:05:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2019/12/14 | 06:05:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2019/12/14 | 06:05:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2019/12/14 | 06:05:26.0 | XRT_FLD_RESET_434_OG [0x1b2] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2019/12/14 | 06:07:56.0 | XRT_QT_PROG_SET_404_OG [0x194] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0f | | | | |
| 2019/12/14 | 06:07:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | | |
| 2019/12/14 | 06:08:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/12/14 | 06:38:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/12/14 | 06:38:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/12/14 | 06:38:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2019/12/14 | 06:38:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2019/12/14 | 06:41:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2019/12/14 | 07:04:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2019/12/14 | 07:05:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/12/14 | 08:18:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/12/14 | 08:18:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/12/14 | 08:18:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2019/12/14 | 08:18:36.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2019/12/14 | 08:21:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2019/12/14 | 08:41:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2019/12/14 | 08:42:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2019/12/14 | 09:58:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/12/14 | 09:58:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2019/12/14 | 09:58:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |

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| 2019/12/14 | 09:58:06.0 | XRT_PREFLR_STRT_435_OG [0x1b3] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2019/12/14 | 10:01:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2019/12/14 | 10:16:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2019/12/14 | 10:17:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | | | |
| 2019/12/14 | 11:04:50.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2019/12/14 | 11:05:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| | | AOCU_NM | | 5 | 02-76 | 00 00 00 00 00 |