

XRT Timeline to be uploaded on 2013/05/04

Period: 2013/05/04 10:52:00 - 2013/05/09 10:21:00

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Normal mode

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| XOB #1991: AR Standard-A(Filter-Ratio) with PFB, FW1=Open, 384x384 at 1064 1048, 100s cad With G-band and VLS closed | | | | | | | | | | | | |
|---|--|-------|------|-------|-------|-----|----------------------------------|----------------------|-------|------------|----------|--------|
| Term | Pointing (x, y) | | | | | | Comment | | | | | |
| 05/04 11:05:00 - 05/04 17:08:00 | Track (716.3, 166.1) @ 05/04 11:02:00 | | | | | | # OP start + 10min track AR11731 | | | | | |
| 05/04 22:44:22 - 05/05 05:38:24 | Track (777.5, 160.3) @ 05/04 22:03:30 | | | | | | # AR11731 obs | | | | | |
| 05/06 18:13:00 - 05/07 05:41:30 | Fixed (906.0, 141.0) | | | | | | # Cont, | | | | | |
| PROG= 20 1-time(s) | | | | | | | | | | | | |
| └─ Subr= 2 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 67 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 16.0s | Obs | 1x1 | 384x384 (1064, 1048) | Q=98 | 0 | 0 | 2.0sec |
| └─ Open/G-band | Open/G-band | open | Safe | Norm | 12ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=98 | 0 | 0 | 2.0sec |
| └─ Open/G-band | Open/G-band | close | Safe | Norm | 32ms | Obs | 1x1 | 384x384 (1024, 1024) | DPCM | 0 | 0 | 2.0sec |
| └─ Seqn= 62 4-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Open/Ti-poly | Open/thick-Al | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| └─ Open/thick-Al | Open/thick-Be | close | Safe | Norm | 16.0s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| └─ Seqn= 63 40-time(s) 100.0sec | | | | | | | | | | | | |
| └─ Open/Al-mesh | Open/thick-Al | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| └─ Open/Ti-poly | Open/thick-Be | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| └─ Open/Al-mesh | Open/thick-Al | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 1 | 2.0sec |
| └─ Open/Ti-poly | Open/thick-Be | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 1 | 2.0sec |
| └─ Open/Al-mesh | Open/thick-Al | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 2 | 2.0sec |
| └─ Open/Ti-poly | Open/thick-Be | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 2 | 2.0sec |
| └─ Open/Al-mesh | Open/thick-Al | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 3 | 2.0sec |
| └─ Open/Ti-poly | Open/thick-Be | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 3 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

| XOB #198C: Synoptic Q95 2x2 - Al/mesh(12/723) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Ti-poly(24/1443) + G-band(8) G | | | | | | | | | | | | |
|---|-------------------|-------|------|-------|-------|-----|--|------------------------|-------|------------|----------|--------|
| Term | Pointing (x, y) | | | | | | Comment | | | | | |
| 05/04 17:56:30 - 05/04 18:03:24 | Fixed (0.0, 0.0) | | | | | | synoptic, shifted -6.5 min | | | | | |
| 05/05 05:41:30 - 05/05 06:06:00 | Fixed (0.0, 0.0) | | | | | | Extended synoptic for SOT, shifted -21.5 min | | | | | |
| 05/05 15:58:00 - 05/05 16:06:30 | Fixed (0.0, 0.0) | | | | | | synoptic, shifted -25.0 min | | | | | |
| 05/06 06:02:30 - 05/06 06:09:24 | Fixed (0.0, 0.0) | | | | | | synoptic, shifted -0.5 min | | | | | |
| 05/06 18:03:00 - 05/06 18:09:54 | Fixed (0.0, 0.0) | | | | | | synoptic | | | | | |
| 05/07 06:21:30 - 05/07 06:28:24 | Fixed (0.0, 0.0) | | | | | | synoptic, shifted 18.5 min | | | | | |
| PROG= 18 1-time(s) | | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 12.0sec | | | | | | | | | | | | |
| └─ Seqn= 55 1-time(s) 4.0sec | | | | | | | | | | | | |
| └─ Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 12ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| └─ Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 707ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| └─ Seqn= 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= 56 1-time(s) 4.0sec | | | | | | | | | | | | |
| └─ Open/Ti-poly | Open/Ti-poly | close | Safe | Norm | 24ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| └─ Open/Ti-poly | Open/Ti-poly | close | Safe | Norm | 1.41s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| └─ Seqn= 66 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Open/G-band | Open/G-band | open | Safe | Norm | 8ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=90 | 0 | 0 | 2.0sec |
| └─ Open/G-band | Open/G-band | close | Safe | Norm | 32ms | Obs | 1x1 | 2048x2048 (1024, 1024) | DPCM | 0 | 0 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

| XOB #190B: G-Band Alignment with North Pole Q90 2x2(G-band only) - 12msec - 5min cadence - Partial Sun-wNGT-2 | | | | | | | | | | | | |
|--|---------------------|------|------|-------|------|-----|--------------------------|-----------------------|-------|------------|----------|--------|
| Term | Pointing (x, y) | | | | | | Comment | | | | | |
| 05/04 18:06:28 - 05/04 20:03:24 | Fixed (0.0, 945.0) | | | | | | # Co-alignment on N-pole | | | | | |
| PROG= 15 1-time(s) | | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 360.0sec | | | | | | | | | | | | |
| └─ Seqn= 32 24-time(s) 300.0sec | | | | | | | | | | | | |
| └─ Open/G-band | Open/G-band | open | Safe | Norm | 12ms | Obs | 2x2 | 2048x1536 (1024, 768) | Q=90 | 0 | 0 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

| XOB #190C: G-Band Alignment with East limb Q90 2x2 (G-band only) - 12msec- 8 min cadence-wNGT-2 | | | | | | | | | | | | |
|--|----------------------|------|------|-------|------|-----|--------------------------|------------------------|-------|------------|----------|--------|
| Term | Pointing (x, y) | | | | | | Comment | | | | | |
| 05/04 20:06:28 - 05/04 22:03:30 | Fixed (-945.0, 0.0) | | | | | | # Co-alignment at E-limb | | | | | |
| PROG= 17 1-time(s) | | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 360.0sec | | | | | | | | | | | | |
| └─ Seqn= 33 15-time(s) 480.0sec | | | | | | | | | | | | |
| └─ Open/G-band | Open/G-band | open | Safe | Norm | 12ms | Obs | 2x2 | 1536x2048 (1280, 1024) | Q=90 | 0 | 0 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

XOB #1990: AR Standard-A(Filter-Ratio) with PFB, FW1=Open, 384x384 at 1064 1048, 80s cad With G-band and VLS closed-2

| Term | Pointing (x, y) | Comment |
|---------------------------------|---|--|
| 05/05 06:44:06 - 05/05 15:54:54 | Track (816.4, 155.9) @ 05/05 06:03:30 | # Cont, |
| 05/05 20:08:00 - 05/06 05:03:30 | Track (872.6, 147.9) @ 05/05 20:05:00 | # AR11731 obs |
| 05/06 06:12:30 - 05/06 17:59:54 | Fixed (906.0, 141.0) | # AR11731 obs by fixed |
| 05/07 06:31:30 - 05/07 08:43:30 | Fixed (906.0, 141.0) | # Cont, |
| PROG= 19 Inf.-time(s) | | |
| Subr= 2 | 1-time(s) 2.0sec | |
| Seqn= 67 | 1-time(s) 2.0sec | |
| Open/Ti-poly | Open/thick-Al close Safe Dark 16.0s | Obs 1x1 384x384 (1064, 1048) Q=98 0 0 2.0sec |
| Open/G-band | Open/G-band open Safe Norm 12ms | Obs 1x1 384x384 (1064, 1048) Q=98 0 0 2.0sec |
| Open/G-band | Open/G-band close Safe Norm 32ms | Obs 1x1 384x384 (1024, 1024) DPCM 0 0 2.0sec |
| Seqn= 62 | 4-time(s) 2.0sec | |
| Open/Ti-poly | Open/thick-Al close Safe Norm 500ms | Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec |
| Open/thick-Al | Open/thick-Be close Safe Norm 16.0s | Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec |
| Seqn= 63 | 45-time(s) 80.0sec | |
| Open/Al-mesh | Open/thick-Al close Safe Norm 500ms | Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec |
| Open/Ti-poly | Open/thick-Be close Safe Norm 1.00s | Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec |
| Open/Al-mesh | Open/thick-Al close Safe Norm 500ms | Obs 1x1 384x384 (1064, 1048) Q=95 3 1 2.0sec |
| Open/Ti-poly | Open/thick-Be close Safe Norm 1.00s | Obs 1x1 384x384 (1064, 1048) Q=95 3 1 2.0sec |
| Open/Al-mesh | Open/thick-Al close Safe Norm 500ms | Obs 1x1 384x384 (1064, 1048) Q=95 3 2 2.0sec |
| Open/Ti-poly | Open/thick-Be close Safe Norm 1.00s | Obs 1x1 384x384 (1064, 1048) Q=95 3 2 2.0sec |
| Open/Al-mesh | Open/thick-Al close Safe Norm 500ms | Obs 1x1 384x384 (1064, 1048) Q=95 3 3 2.0sec |
| Open/Ti-poly | Open/thick-Be close Safe Norm 1.00s | Obs 1x1 384x384 (1064, 1048) Q=95 3 3 2.0sec |
| Default Filter | Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval | |

XOB #198B: Coronal cavity (FW1 open)-HOP114 with ARs-DPCM 2x2-768FOV-AEC0-2min cad-2

| Term | Pointing (x, y) | Comment |
|---------------------------------|---|--|
| 05/05 16:55:11 - 05/05 19:23:30 | Fixed (240.0, -920.0) | # HOP114 cavity obs |
| PROG= 06 Inf.-time(s) | | |
| Subr= 1 | 30-time(s) 120.0sec | |
| Seqn= 65 | 1-time(s) 4.0sec | |
| Open/Al-mesh | Open/Al-mesh close Safe Norm 2.00s | Obs 2x2 768x768 (1064, 1048) DPCM 0 0 2.0sec |
| Open/Ti-poly | Open/thick-Al close Safe Norm 4.00s | Obs 2x2 768x768 (1064, 1048) DPCM 0 0 2.0sec |
| Subr= 2 | 1-time(s) 2.0sec | |
| Seqn= 66 | 1-time(s) 4.0sec | |
| Open/G-band | Open/G-band open Safe Norm 8ms | Obs 2x2 2048x2048 (1024, 1024) Q=90 0 0 2.0sec |
| Open/G-band | Open/G-band close Safe Norm 32ms | Obs 1x1 2048x2048 (1024, 1024) DPCM 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 #1828: Flare Standard Obs. with eruptions mode-A (FW1=Open)

| Term | Pointing (x, y) | Comment |
|---------------------------------|--|--|
| 05/04 11:05:00 - 05/04 17:08:00 | Track (716.3, 166.1) @ 05/04 11:02:00 | # OP start + 10min track AR11731 |
| 05/04 18:06:28 - 05/04 20:03:24 | Fixed (0.0, 945.0) | # Co-alignment on N-pole |
| 05/04 20:06:28 - 05/04 22:03:30 | Fixed (-945.0, 0.0) | # Co-alignment at E-limb |
| 05/04 22:44:22 - 05/05 05:38:24 | Track (777.5, 160.3) @ 05/04 22:03:30 | # AR11731 obs |
| 05/05 06:44:06 - 05/05 15:54:54 | Track (816.4, 155.9) @ 05/05 06:03:30 | # Cont, |
| 05/05 16:55:11 - 05/05 19:23:30 | Fixed (240.0, -920.0) | # HOP114 cavity obs |
| 05/05 20:08:00 - 05/06 05:03:30 | Track (872.6, 147.9) @ 05/05 20:05:00 | # AR11731 obs |
| 05/06 06:12:30 - 05/06 17:59:54 | Fixed (906.0, 141.0) | # AR11731 obs by fixed |
| 05/06 18:13:00 - 05/07 05:41:30 | Fixed (906.0, 141.0) | # Cont, |
| 05/07 06:31:30 - 05/07 08:43:30 | Fixed (906.0, 141.0) | # Cont, |
| PROG= 07 1-time(s) | | |
| Subr= 1 | 30-time(s) 20.0sec | |
| Seqn= 58 | 1-time(s) 2.0sec | |
| Open/thick-Al | Open/thick-Al close Safe Norm 1.00s | 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= 64 | 1-time(s) 2.0sec | |
| Open/Al-mesh | Open/Al-mesh close Safe Norm 125ms | Obs 2x2 512x512 (1024, 1024) Q=95 2 0 2.0sec |
| Open/Ti-poly | Open/Ti-poly close Safe Norm 1.00s | Obs 2x2 512x512 (1024, 1024) Q=95 2 0 2.0sec |
| Subr= 2 | 1-time(s) 2.0sec | |
| Seqn= 59 | 1-time(s) 2.0sec | |
| Open/G-band | Open/G-band open Safe Norm 63ms | 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 |
| Subr= 3 | 30-time(s) 60.0sec | |
| Seqn= 58 | 1-time(s) 2.0sec | |
| Open/thick-Al | Open/thick-Al close Safe Norm 1.00s | 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= 60 | 1-time(s) 2.0sec | |
| Open/Al-mesh | Open/Al-mesh close Safe Norm 125ms | Obs 2x2 512x512 (1024, 1024) Q=95 2 0 2.0sec |
| Open/Ti-poly | Open/Ti-poly close Safe Norm 1.00s | Obs 2x2 512x512 (1024, 1024) Q=95 2 0 2.0sec |
| Subr= 2 | 1-time(s) 2.0sec | |
| Seqn= 59 | 1-time(s) 2.0sec | |
| Open/G-band | Open/G-band open Safe Norm 63ms | 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 |

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|--|----------------|-------|------|-------|-------|-----|-----|----------------------|-------|------------|----------|--------|
| Open/thick-Al | Open/thick-Al | close | Safe | Dark | 1.00s | Obs | 2x2 | 512x512 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Subr= 3 30-time(s) 60.0sec | | | | | | | | | | | | |
| Seqn= 58 1-time(s) 2.0sec | | | | | | | | | | | | |
| Open/thick-Al | Open/thick-Al | close | Safe | Norm | 1.00s | 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= 60 1-time(s) 2.0sec | | | | | | | | | | | | |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 125ms | Obs | 2x2 | 512x512 (1024, 1024) | Q=95 | 2 | 0 | 2.0sec |
| Open/Ti-poly | Open/Ti-poly | close | Safe | Norm | 1.00s | Obs | 2x2 | 512x512 (1024, 1024) | Q=95 | 2 | 0 | 2.0sec |
| Subr= 2 1-time(s) 2.0sec | | | | | | | | | | | | |
| Seqn= 59 1-time(s) 2.0sec | | | | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 63ms | 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 |
| Subr= 3 30-time(s) 60.0sec | | | | | | | | | | | | |
| Seqn= 58 1-time(s) 2.0sec | | | | | | | | | | | | |
| Open/thick-Al | Open/thick-Al | close | Safe | Norm | 1.00s | 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= 60 1-time(s) 2.0sec | | | | | | | | | | | | |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 125ms | Obs | 2x2 | 512x512 (1024, 1024) | Q=95 | 2 | 0 | 2.0sec |
| Open/Ti-poly | Open/Ti-poly | close | Safe | Norm | 1.00s | Obs | 2x2 | 512x512 (1024, 1024) | Q=95 | 2 | 0 | 2.0sec |
| Subr= 4 24-time(s) 600.0sec | | | | | | | | | | | | |
| Seqn= 61 1-time(s) 2.0sec | | | | | | | | | | | | |
| Open/Al-mesh | Open/thick-Al | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 1 | 0 | 2.0sec |
| Open/Ti-poly | Open/thick-Be | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 1 | 0 | 2.0sec |
| Open/G-band | Open/G-band | open | Safe | Norm | 63ms | Obs | 1x1 | 384x384 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Open/Al-mesh | Open/Al-mesh | close | Safe | Dark | 1.00s | Obs | 1x1 | 384x384 (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

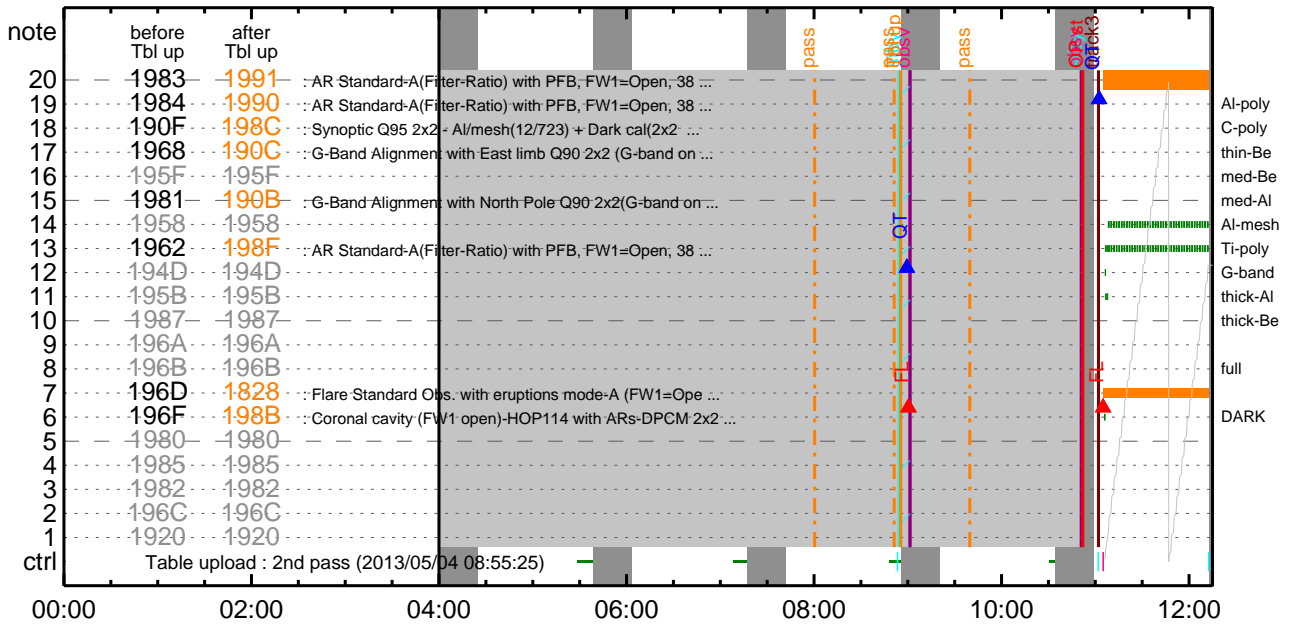
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Flare Detection

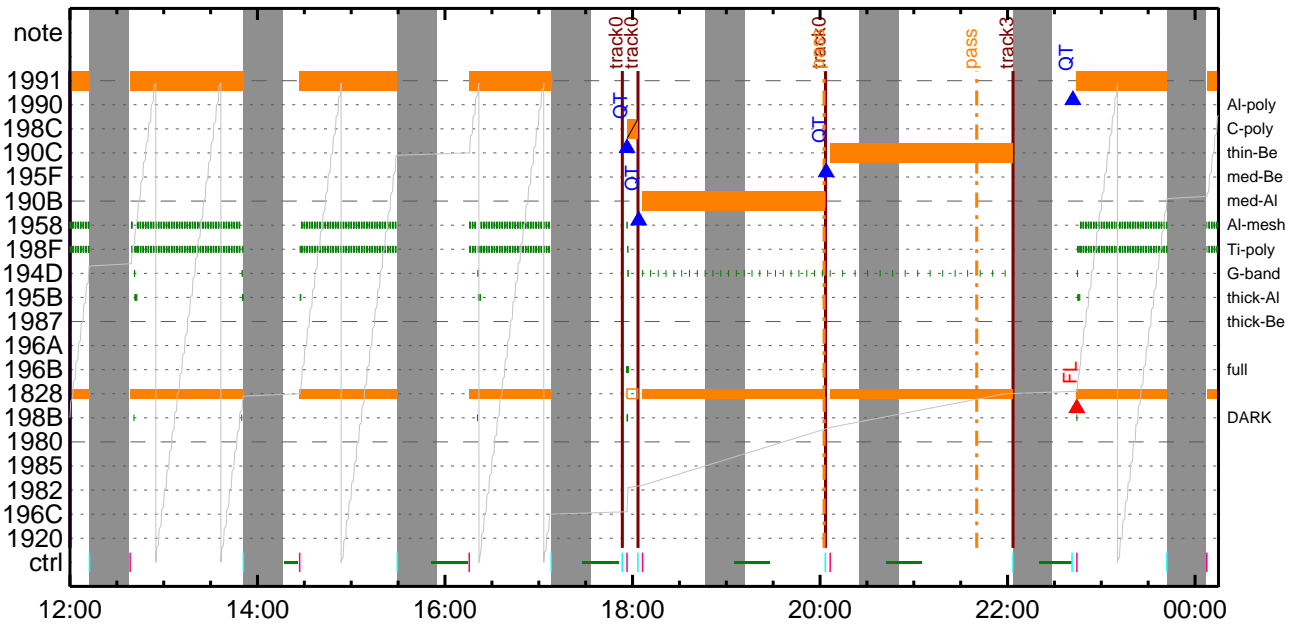
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| FLD Patrol | | | | | | | | | | | | |
|---------------------------------|--|-------|------|-------|------|-----|-----|--------------------------|-------|------------|----------|--|
| Term | Pointing (x, y) | | | | | | | Comment | | | | |
| 05/04 18:03:46 - 05/05 05:38:46 | Fixed (0.0, 945.0) | | | | | | | # Co-alignment on N-pole | | | | |
| 05/05 06:41:22 - 05/05 15:55:16 | Track (816.4, 155.9) @ 05/05 06:03:30 | | | | | | | # Cont, | | | | |
| 05/05 16:52:22 - 05/06 05:59:46 | Fixed (240.0, -920.0) | | | | | | | # HOP114 cavity obs | | | | |
| 05/06 06:09:46 - 05/06 18:00:16 | Fixed (906.0, 141.0) | | | | | | | # AR11731 obs by fixed | | | | |
| 05/06 18:10:16 - 05/07 06:18:46 | Fixed (906.0, 141.0) | | | | | | | # Cont, | | | | |
| 05/07 06:28:46 - 05/09 10:21:00 | Fixed (906.0, 141.0) | | | | | | | # Cont, | | | | |
| Open/Ti-poly | Open/thick-Al | 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 | |

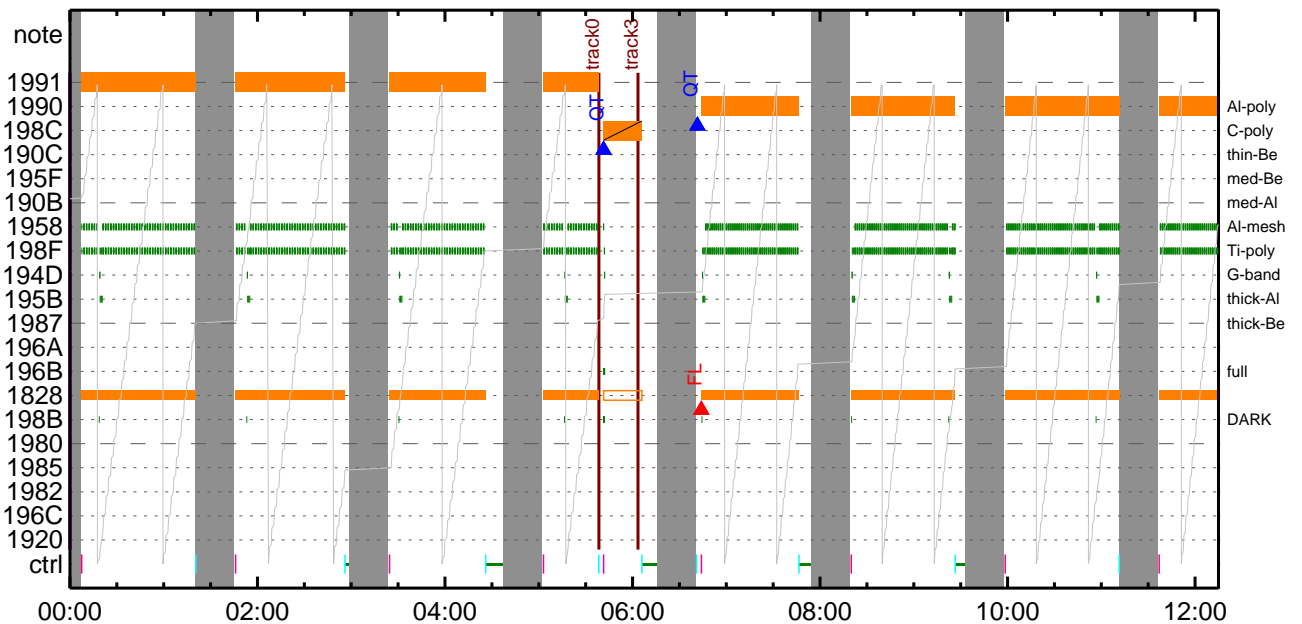
CMDI #0437 2013/05/04



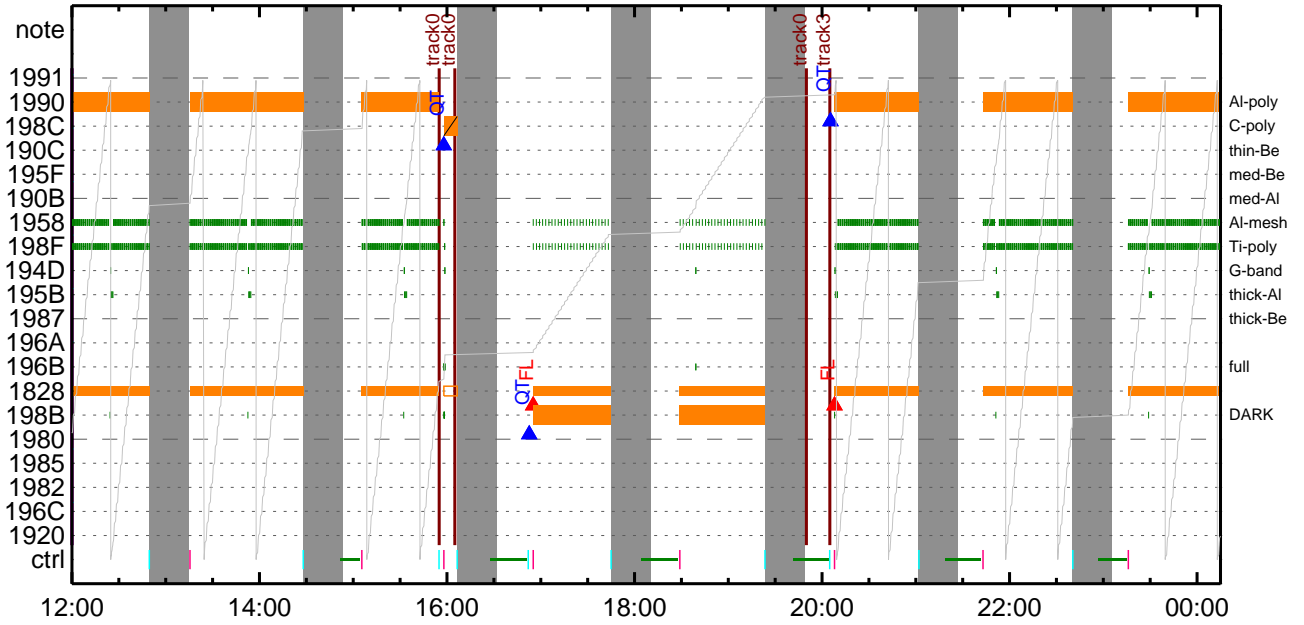
CMDI #0437 2013/05/04



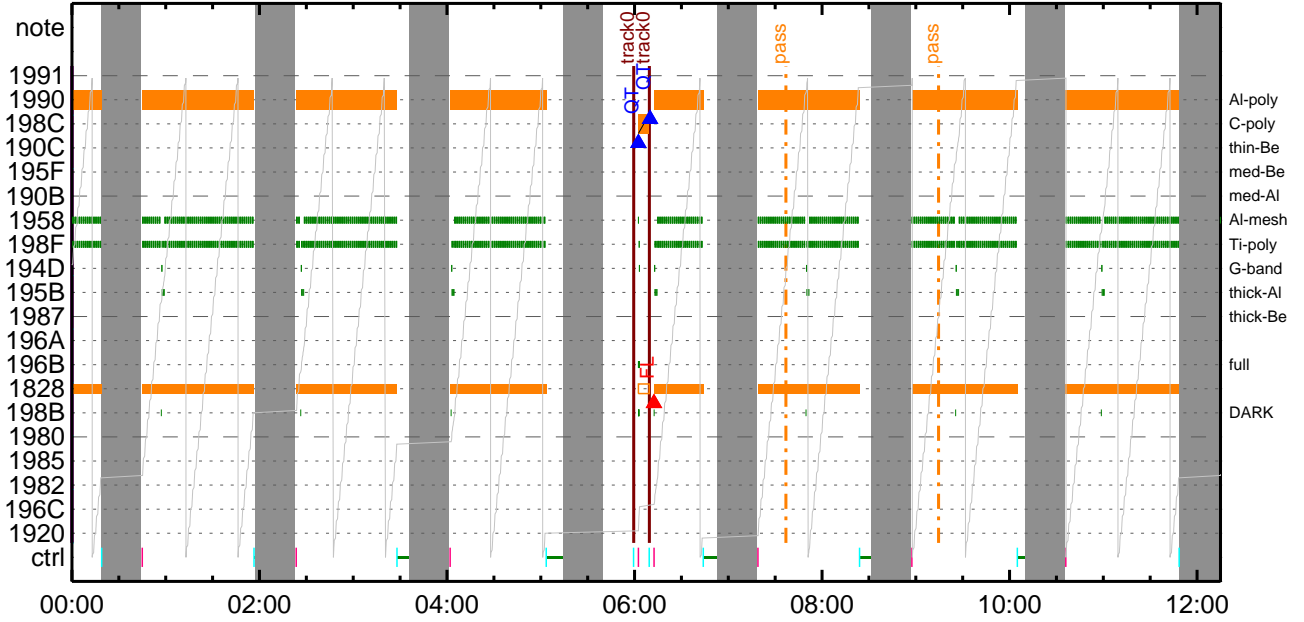
CMDI #0437 2013/05/05



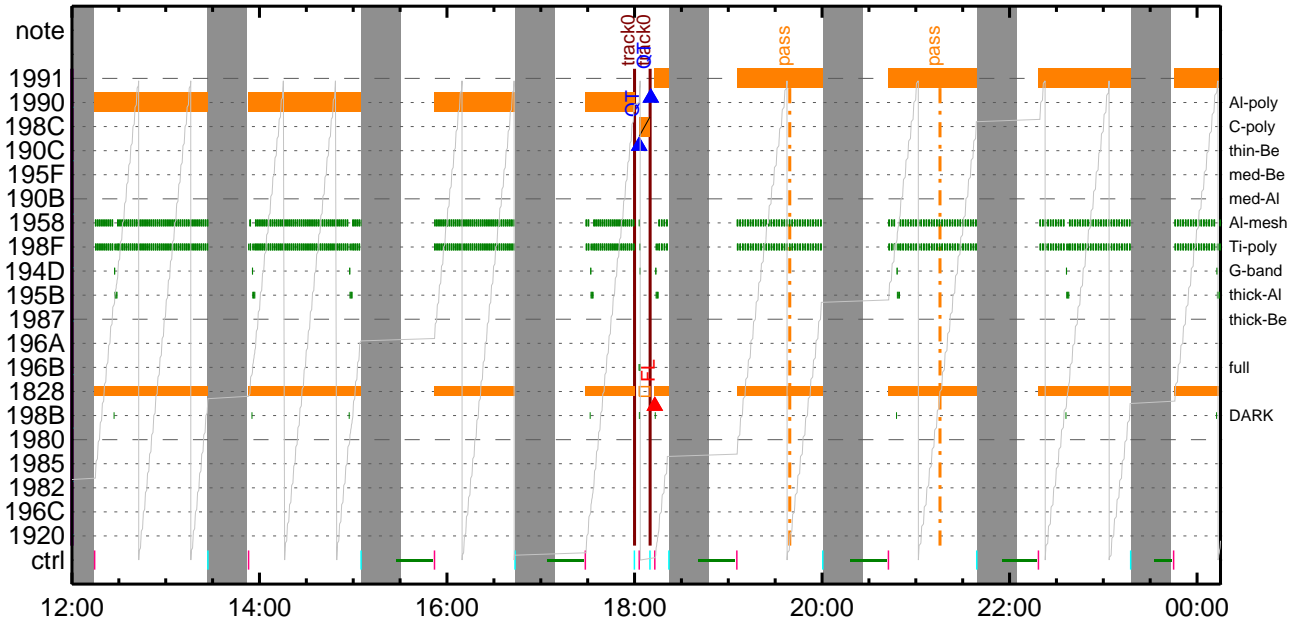
CMDI #0437 2013/05/05



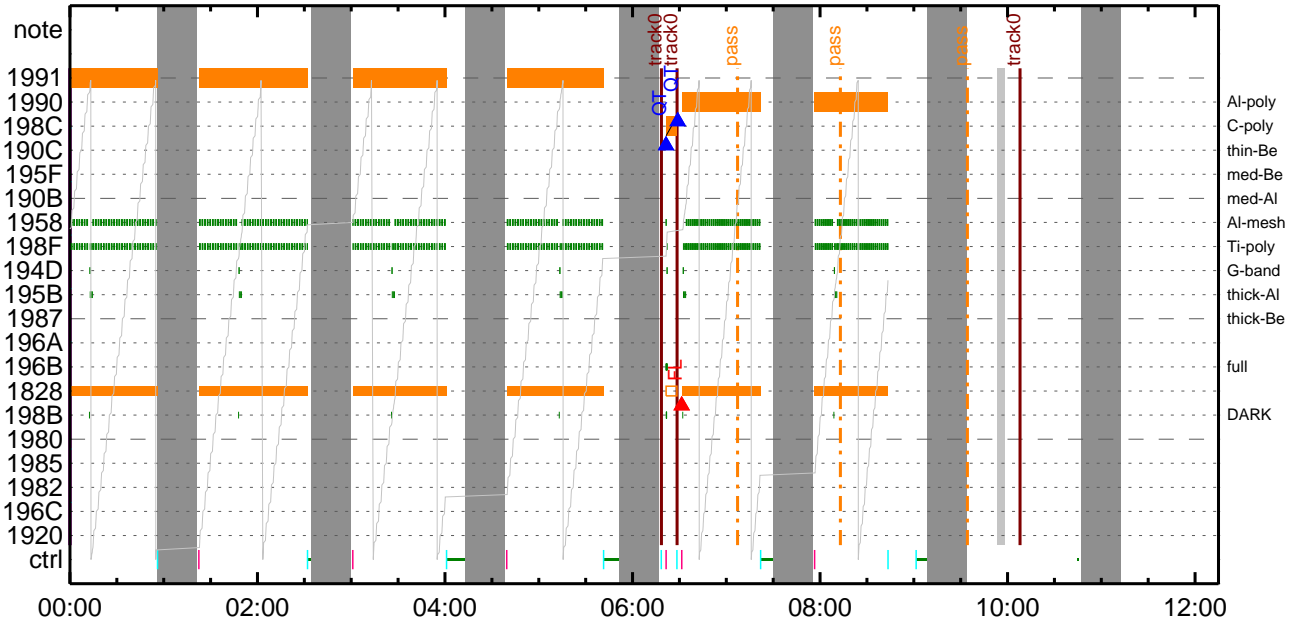
CMDI #0437 2013/05/06



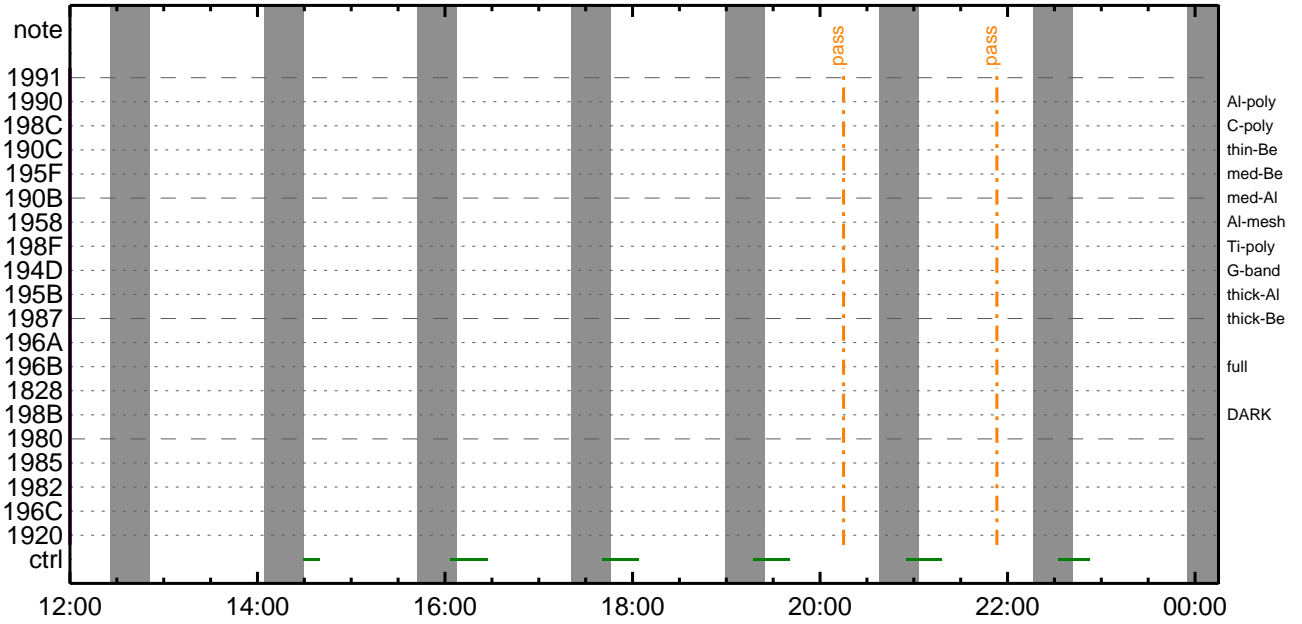
CMDI #0437 2013/05/06



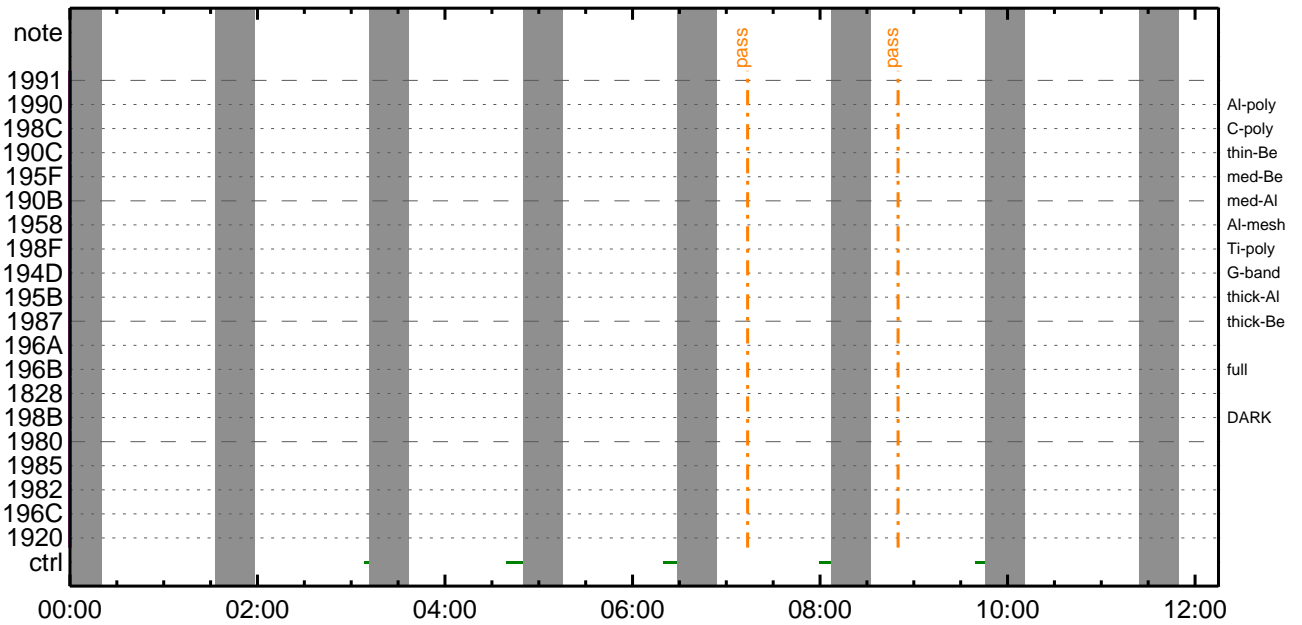
CMDI #0437 2013/05/07



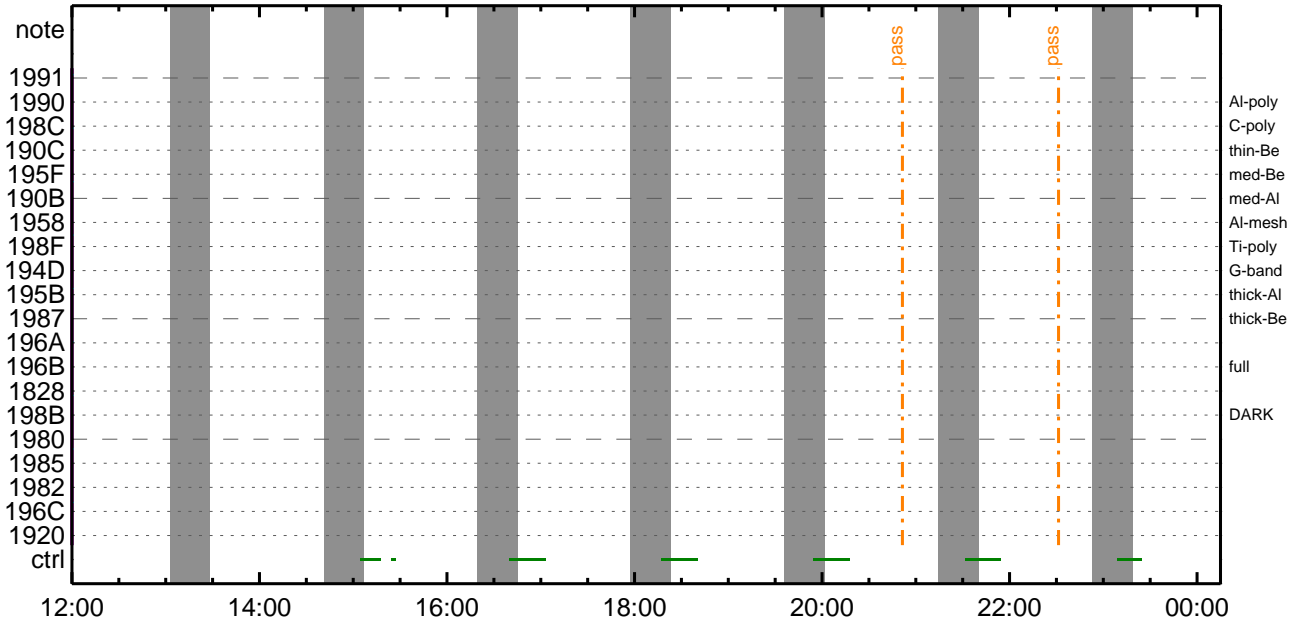
CMDI #0437 2013/05/07



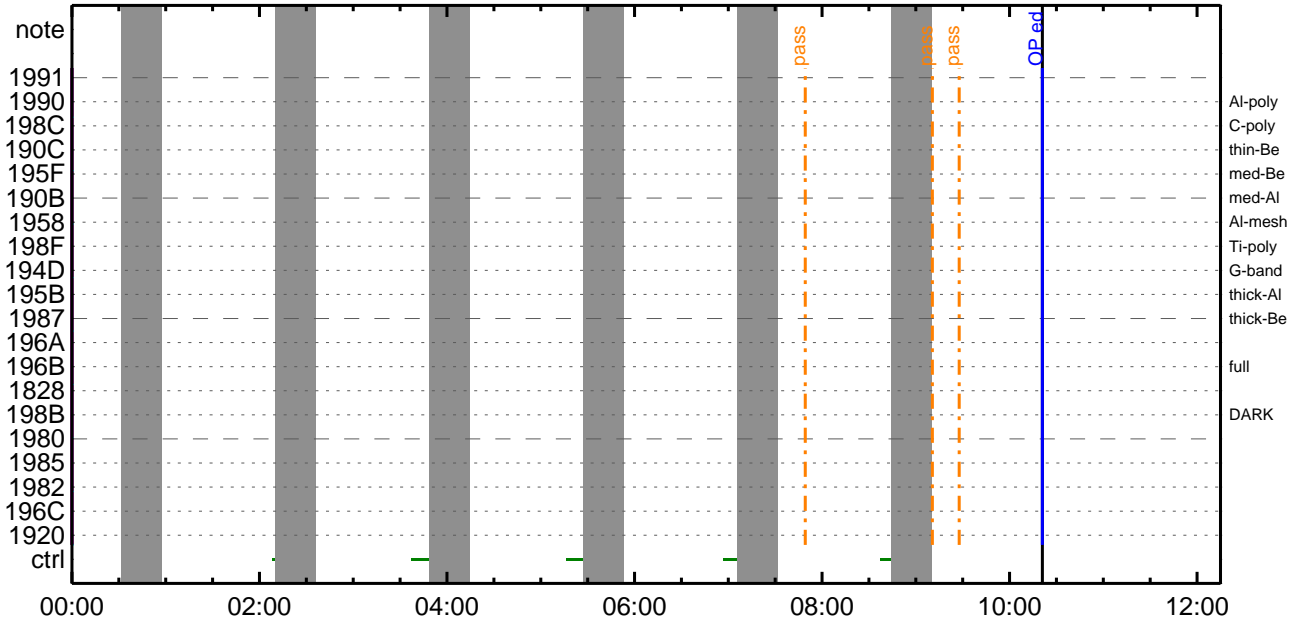
CMDI #0437 2013/05/08



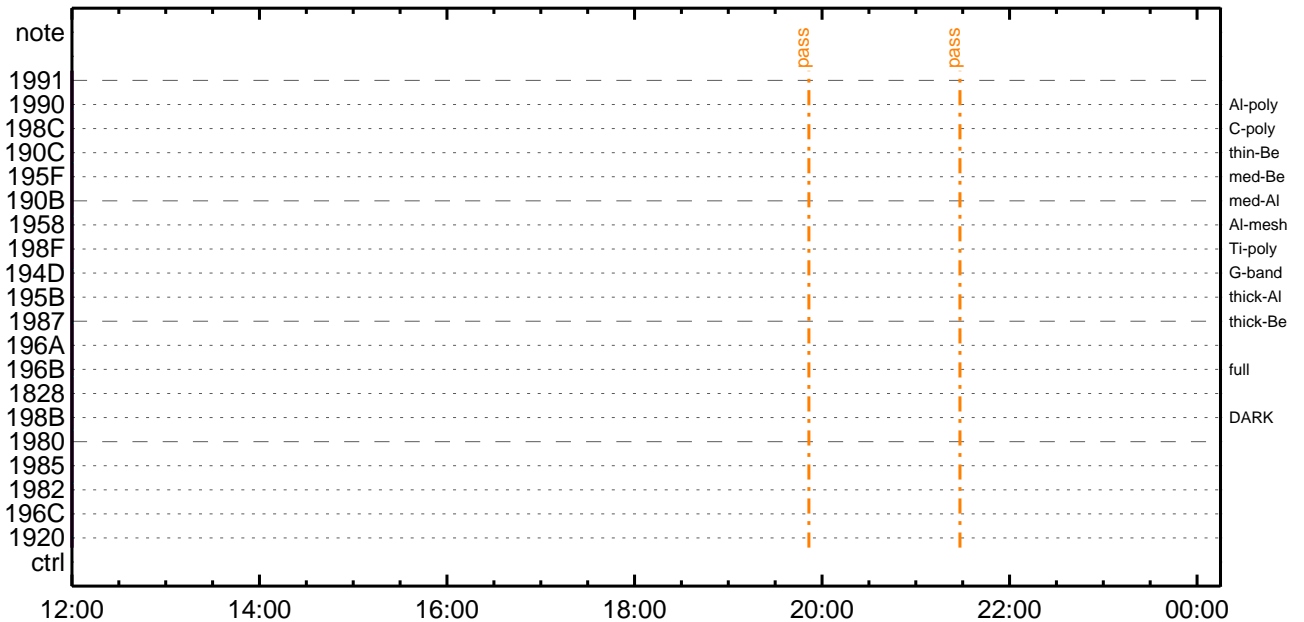
CMDI #0437 2013/05/08



CMDI #0437 2013/05/09



CMDI #0437 2013/05/09




```
0096 . C.
0097 . C.
0098 . C. *****
0099 . C. OP/OGY1;4YEi;4Y6Yx
0100 . C. *****
0101 . C.
0102 . C. ;ãOP/OGY1;4YEi;ã
0103 . S. OP op-627:OP
0104 . ( )
0105 . S. OG og-627:OG
0106 . ( )
0107 . C.
0108 . C. ;ãNMOG&OPîî°èÿÏÏ6Yx;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. 4Y6Yx½ªî»ò³îç§
0125 . C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 . C. RAM ID=NMOG¼î½Ë¹ç·ë²îOKòð³îç§
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. 4Y6Yx½ªî»ò³îç§
0144 . C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 . C. RAM ID=NMOG¼î½Ë¹ç·ë²îOKòð³îç§
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. 4Y6Yx½ªî»ò³îç§
0163 . C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 . C. RAM ID=NMOG, RAM ID=OP¼î½Ë¹ç·ë²îOKòð³îç§
0165 . C.
0166 . C. ***** òÈ²¼òî½Ë¹ç·ë²îOKòð³îç§ *****
0167 . C. DHUÿâ;¼YE;È½Y½;Yi;¼YE;Ëòðîã¹
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 UPLOAD¼-Á÷¿@NG¼î½Ë¹ç·ë²îOKòð³îç§
0180 . C. òÈ²¼òî½Ë¹ç·ë²îOKòð³îç§
0181 . C.
0182 . C. TIY³YÿY6YËòðîã¹¿¿(UT)
0183 +. TI 2013-05-04 10:47:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 . C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 . C.
0187 +. TI 2013-05-04 10:47:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 . C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 . C.
0191 +. TI 2013-05-04 10:47:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 . C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
```


(a) Spacecraft Operation Procedure (real-commands)

```
main-628 2013-05-04 13:23:24 157 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÁY-¼Á»Û;ã
0005 C.
0006 C. YÀYB;¼Y³YFÝÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;Èα¿αÁα•µ°Æ»Í×ÁÇαÍYçYÁY×YÍ;¼YÉ;ÈÈè%µ•ÍÉ;ÈÈÈ¼°ÇÔα•α¿¼l¹çαÍ;çÀ®, ùα¹αÈαBαÇÁ+¿®α•αÈααα³αÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. ***** AOCS Commands (Tracking Curve Upload) *****
0015 C. Upload the Orbit Element and the Target Attitude
0016 C. RAM-ID:TARGET_ATT
0017 . S. RAM ram-150:TARGET_ATT
0018 ( )
0019 C.
0020 C.
0021 C. Set the dump memory area of TARGET_ATT
0022 +. DC 02-48 AOCU_DUMP_SET
0023 BC (07 00 00 00 18 00)
0024 C.
0025 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0026 C.
0027 C.
0028 C. Change the TLMFormatNo for the AOCS Dump Format
0029 +. DC 01-22 DHU_MODE_CHNG
0030 BC (04 0b f8)
0031 C.
0032 C. Wait for AOCSDUMP to end
0033 C.
0034 . C. Check the dump memory
0035 C.
0036 C. Result = OK [ ]
0037 C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039 BC (02 0a f8)
0040 C.
0041 C. <A_***>[TLM STS] FMT = 2 [ ]
0042 C.
0043 +. DC 02-8E AOCU_ORB_UPD
0044 . C.
0045 C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0046 +. DC 07-FC EIS_MODE_MANU
0047 BC (21 02)
0048 . C. Verify EIS in MANUAL mode
0049 . C. Estimated OBSTBL upload time is 49s
0050 C. *****
0051 C. EIS START OBSTBL LOAD
0052 C. *****
0053 . S. RAM ram-820:EIS_OBSTBL
0054 ( )
0055 +. DC 07-FC EIS_DUMP_OBSTBL
0056 BC (07 07 07 00 00 70 00)
0057 C.
0058 C. Execute, after the success of OBSTBL upload.
0059 C. Set EIS TI-commands
0060 +. TI 2013-05-04 10:51:50.0
0061 DC 07-FC EIS_MODE_CHG_ENA
0062 BC (20)
0063 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0064 C. *****
0065 C. EIS END OBSTBL LOAD
0066 C. *****
0067 C.
0068 C. ***** XRT START *****
0069 C.
0070 +. DC 07-F0 MDP_XRT_CTRL_MANU
0071 BC (c1)
0072 + DC 07-F0 MDP_XRT_MODE_STBY
0073 BC (c3)
0074 . C. ----- Success Verify ? OK / NG____
0075 C.
0076 C. XRT Obs. Table Upload
0077 . S. RAM ram-291:MDP_OBS_X
0078 ( )
0079 C.
0080 +. DC 07-F0 MDP_DUMP_XRTTBL
0081 BC (84 07 00 00 00 3a d4)
0082 . C. ----- Comparison Check ? OK / ERR ____
0083 C.
0084 C.
0085 +. DC 07-F0 MDP_XRT_ROI_SET
0086 BC (cd 01 b1 b1 04 04)
0087 + DC 07-F0 MDP_XRT_ROI_SET
0088 BC (cd 02 b1 b1 08 08)
0089 + DC 07-F0 MDP_XRT_ROI_SET
0090 BC (cd 03 b1 b1 08 08)
0091 + DC 07-F0 MDP_XRT_ROI_SET
0092 BC (cd 04 b1 b1 06 06)
0093 + DC 07-F0 MDP_XRT_ROI_SET
0094 BC (cd 05 85 83 06 06)
0095 + DC 07-F0 MDP_XRT_ROI_SET
```

```

0096 BC (cd 06 85 83 06 06)
0097 + DC 07-F0 MDP_XRT_ROI_SET
0098 BC (cd 07 80 80 06 06)
0099 + DC 07-F0 MDP_XRT_ROI_SET
0100 BC (cd 08 80 80 20 20)
0101 + DC 07-F0 MDP_XRT_ROI_SET
0102 BC (cd 09 80 80 20 08)
0103 + DC 07-F0 MDP_XRT_ROI_SET
0104 BC (cd 0a 80 80 08 20)
0105 + DC 07-F0 MDP_XRT_ROI_SET
0106 BC (cd 0b 80 60 20 18)
0107 + DC 07-F0 MDP_XRT_ROI_SET
0108 BC (cd 0c a0 80 18 20)
0109 + DC 07-F0 MDP_XRT_ROI_SET
0110 BC (cd 0d 85 83 0c 0c)
0111 + DC 07-F0 MDP_XRT_ROI_SET
0112 BC (cd 0f 80 80 06 06)
0113 + DC 07-F0 MDP_XRT_ROI_SET
0114 BC (cd 10 80 80 08 08)
0115 + DC 07-F0 MDP_XRT_FLD_ENA
0116 BC (d8)
0117 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0118 BC (c8)
0119 + DC 07-F0 MDP_XRT_AEC_RESET
0120 BC (d0)
0121 + DC 07-F0 MDP_XRT_ARS_DIS
0122 BC (d5)
0123 + DC 07-F0 MDP_XRT_FLD_RESET
0124 BC (da)
0125 + DC 07-F0 MDP_XRT_QT_PROG_SET
0126 BC (c4 0d)
0127 + DC 07-F0 MDP_XRT_FL_PROG_SET
0128 BC (c5 07)
0129 . C. ----- Success Verify ? OK / NG ____
0130 C.
0131 C.
0132 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0133 C.
0134 + DC 07-F0 MDP_XRT_MODE_OBSV
0135 BC (c2)
0136 + TI 2013-05-04 10:51:02.0
0137 DC 07-F0 MDP_XRT_MODE_OBSV
0138 BC (c2)
0139 . C. ----- Success Verify ? OK / NG ____
0140 C.
0141 C. ***** XRT END *****
0142 C.
0143 . C. ***** MDP (ũãîñî»ö¼ýñëãðñ¹ñëDCBC•x²è *****
0144 C. (%ã°îÿÓÿÁÿËÿPÿËÿÁÿçÿèñE¼ññ¼Ã»Ûñ¹ñè)
0145 . S. DC-BC dcbc-402:DCBC
0146 (MDP_known_event)
0147 C.
0148 C.
0149 . C. ***** ÿÐÿ¹•ï Daily±¿îññÉ´øñ¹ñèDCBC•x²è *****
0150 . S. DC-BC dcbc-153:DCBC
0151 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0152 C.
0153 C.
0154 . C. ;ãLOSÿÁÿSÿËÿËÿ¼Ã»Û;ã
0155 C.
0156 . C. ***** LOS *****
0157 C.

```


May 04, 13 13:22

XRT_OGLIST_0437.chk

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*** OP Sequence for XRT ***

| | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----------------|--|--|
| 2013/05/04 | 11:01:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2013/05/04 | 11:01:56.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | |
| 2013/05/04 | 11:02:00.0 | AOCS_ORe-point_Start_1_OG [0x097] | | | | | |
| | | AOCU_NM | 5 | 02-76 | 03 00 00 00 00 | | |
| 2013/05/04 | 11:02:16.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2013/05/04 | 11:02:18.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2013/05/04 | 11:02:20.0 | XRT_AEC_RESET_413_OG [0x19d] | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2013/05/04 | 11:02:22.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2013/05/04 | 11:02:24.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2013/05/04 | 11:02:26.0 | XRT_QT_PROG_SET_407_OG [0x197] | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 14 | | |
| 2013/05/04 | 11:04:58.0 | XRT_FL_PROG_SET_435_OG [0x1b3] | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 07 | | |
| 2013/05/04 | 11:05:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2013/05/04 | 12:12:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2013/05/04 | 12:12:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2013/05/04 | 12:12:34.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2013/05/04 | 12:15:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2013/05/04 | 12:37:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2013/05/04 | 12:38:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2013/05/04 | 13:51:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2013/05/04 | 13:51:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2013/05/04 | 13:51:04.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2013/05/04 | 13:54:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2013/05/04 | 14:26:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2013/05/04 | 14:27:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2013/05/04 | 15:29:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2013/05/04 | 15:29:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2013/05/04 | 15:29:34.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2013/05/04 | 15:32:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2013/05/04 | 16:14:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2013/05/04 | 16:15:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2013/05/04 | 17:08:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2013/05/04 | 17:08:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2013/05/04 | 17:08:04.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2013/05/04 | 17:11:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2013/05/04 | 17:53:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2013/05/04 | 17:53:26.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | |
| 2013/05/04 | 17:53:30.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | |
| 2013/05/04 | 17:53:46.0 | XRT_FLD_DIS_434_OG [0x1b2] | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | |
| 2013/05/04 | 17:56:24.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | |
| 2013/05/04 | 17:56:26.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2013/05/04 | 17:56:28.0 | XRT_QT_PROG_SET_447_OG [0x1bf] | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 | | |
| 2013/05/04 | 17:56:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2013/05/04 | 18:03:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2013/05/04 | 18:03:26.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | |
| 2013/05/04 | 18:03:30.0 | AOCS_ORe-point_Start_3_OG [0x099] | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 ac 00 00 00 | | |
| 2013/05/04 | 18:03:46.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2013/05/04 | 18:03:48.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2013/05/04 | 18:03:50.0 | XRT_AEC_RESET_413_OG [0x19d] | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |

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|------------|------------|-----------------------------------|---|-------|----------------|
| 2013/05/04 | 18:03:52.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2013/05/04 | 18:03:54.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2013/05/04 | 18:03:56.0 | XRT_QT_PROG_SET_444_OG [0x1bc] | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0f |
| 2013/05/04 | 18:06:28.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2013/05/04 | 20:03:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2013/05/04 | 20:03:26.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2013/05/04 | 20:03:30.0 | AOCS_OrE-point_Start_4_OG [0x09a] | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 54 00 |
| 2013/05/04 | 20:03:46.0 | XRT_FLD_ENA_411_OG [0x19b] | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2013/05/04 | 20:03:48.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2013/05/04 | 20:03:50.0 | XRT_AEC_RESET_413_OG [0x19d] | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2013/05/04 | 20:03:52.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2013/05/04 | 20:03:54.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2013/05/04 | 20:03:56.0 | XRT_QT_PROG_SET_446_OG [0x1be] | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 11 |
| 2013/05/04 | 20:06:28.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2013/05/04 | 22:03:30.0 | AOCS_OrE-point_Start_1_OG [0x097] | | | |
| | | AOCU_NM | 5 | 02-76 | 03 00 00 00 00 |
| 2013/05/04 | 22:03:30.5 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2013/05/04 | 22:03:32.5 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2013/05/04 | 22:03:34.5 | XRT_PREFLR_STRT_418_OG [0x1a2] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2013/05/04 | 22:06:44.5 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2013/05/04 | 22:41:16.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2013/05/04 | 22:41:18.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2013/05/04 | 22:41:38.0 | XRT_FLD_ENA_411_OG [0x19b] | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2013/05/04 | 22:41:40.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2013/05/04 | 22:41:42.0 | XRT_AEC_RESET_413_OG [0x19d] | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2013/05/04 | 22:41:44.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2013/05/04 | 22:41:46.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2013/05/04 | 22:41:48.0 | XRT_QT_PROG_SET_407_OG [0x197] | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 14 |
| 2013/05/04 | 22:44:20.0 | XRT_FL_PROG_SET_435_OG [0x1b3] | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 07 |
| 2013/05/04 | 22:44:22.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2013/05/04 | 23:42:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2013/05/04 | 23:42:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2013/05/04 | 23:42:04.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2013/05/04 | 23:45:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2013/05/05 | 00:06:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2013/05/05 | 00:07:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2013/05/05 | 01:20:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2013/05/05 | 01:20:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2013/05/05 | 01:20:34.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2013/05/05 | 01:23:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2013/05/05 | 01:45:00.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2013/05/05 | 01:46:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2013/05/05 | 02:56:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2013/05/05 | 02:56:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2013/05/05 | 02:56:04.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2013/05/05 | 02:59:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2013/05/05 | 03:23:30.5 | XRT_Custom_430_OG [0x1ae] | | | |
| 2013/05/05 | 03:24:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2013/05/05 | 04:26:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|
| 2013/05/05 | 04:26:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2013/05/05 | 04:26:04.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2013/05/05 | 04:29:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2013/05/05 | 05:02:00.5 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2013/05/05 | 05:03:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2013/05/05 | 05:38:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2013/05/05 | 05:38:26.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2013/05/05 | 05:38:30.0 | AOCS_OrE-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | |
| 2013/05/05 | 05:38:46.0 | XRT_FLD_DIS_434_OG [0x1b2] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2013/05/05 | 05:41:24.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2013/05/05 | 05:41:26.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2013/05/05 | 05:41:28.0 | XRT_QT_PROG_SET_447_OG [0x1bf] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 | |
| 2013/05/05 | 05:41:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2013/05/05 | 06:03:30.0 | AOCS_OrE-point_Start_1_OG [0x097] | AOCU_NM | 5 | 02-76 | 03 00 00 00 00 | |
| 2013/05/05 | 06:06:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2013/05/05 | 06:06:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2013/05/05 | 06:06:04.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2013/05/05 | 06:09:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2013/05/05 | 06:41:00.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2013/05/05 | 06:41:02.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2013/05/05 | 06:41:22.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2013/05/05 | 06:41:24.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2013/05/05 | 06:41:26.0 | XRT_AEC_RESET_413_OG [0x19d] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2013/05/05 | 06:41:28.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2013/05/05 | 06:41:30.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2013/05/05 | 06:41:32.0 | XRT_QT_PROG_SET_409_OG [0x199] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 13 | |
| 2013/05/05 | 06:44:04.0 | XRT_FL_PROG_SET_435_OG [0x1b3] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 07 | |
| 2013/05/05 | 06:44:06.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2013/05/05 | 07:46:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2013/05/05 | 07:46:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2013/05/05 | 07:46:34.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2013/05/05 | 07:49:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2013/05/05 | 08:19:00.5 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2013/05/05 | 08:20:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2013/05/05 | 09:26:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2013/05/05 | 09:26:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2013/05/05 | 09:26:34.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2013/05/05 | 09:29:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2013/05/05 | 09:57:30.5 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2013/05/05 | 09:58:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2013/05/05 | 11:11:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2013/05/05 | 11:11:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2013/05/05 | 11:11:34.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2013/05/05 | 11:14:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2013/05/05 | 11:36:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2013/05/05 | 11:37:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2013/05/05 | 12:49:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2013/05/05 | 12:49:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2013/05/05 | 12:49:34.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|-------------------|--|--|--|--|
| 2013/05/05 | 12:52:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2013/05/05 | 13:14:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2013/05/05 | 13:15:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2013/05/05 | 14:28:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2013/05/05 | 14:28:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2013/05/05 | 14:28:04.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | | | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2013/05/05 | 14:31:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2013/05/05 | 15:04:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2013/05/05 | 15:05:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2013/05/05 | 15:54:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2013/05/05 | 15:54:56.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | | | | | | |
| | | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2013/05/05 | 15:55:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | | | | | | | | |
| | | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2013/05/05 | 15:55:16.0 | XRT_FLD_DIS_434_OG [0x1b2] | | | | | | | | |
| | | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2013/05/05 | 15:57:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | | | | | | |
| | | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2013/05/05 | 15:57:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | | |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2013/05/05 | 15:57:58.0 | XRT_QT_PROG_SET_447_OG [0x1bf] | | | | | | | | |
| | | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 | | | | |
| 2013/05/05 | 15:58:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2013/05/05 | 16:05:00.0 | AOCS_Ore-point_Start_5_OG [0x09b] | | | | | | | | |
| | | | AOCU_NM | 5 | 02-76 | 00 51 ca ea a8 | | | | |
| 2013/05/05 | 16:06:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2013/05/05 | 16:06:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2013/05/05 | 16:06:34.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | | | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2013/05/05 | 16:09:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2013/05/05 | 16:52:00.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2013/05/05 | 16:52:02.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | | |
| | | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2013/05/05 | 16:52:22.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | | |
| | | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2013/05/05 | 16:52:24.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | | |
| | | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2013/05/05 | 16:52:26.0 | XRT_AEC_RESET_413_OG [0x19d] | | | | | | | | |
| | | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2013/05/05 | 16:52:28.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | | |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2013/05/05 | 16:52:30.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2013/05/05 | 16:52:32.0 | XRT_ROI_A_436_OG [0x1b4] | | | | | | | | |
| | | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd 05 85 83 06 06 | | | | |
| | | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd 06 85 83 06 06 | | | | |
| | | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd 07 80 80 06 06 | | | | |
| | | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd 08 80 80 20 20 | | | | |
| | | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd 09 80 80 20 08 | | | | |
| | | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd 0a 80 80 08 20 | | | | |
| | | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd 0d 85 83 0c 0c | | | | |
| | | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd 0f 80 80 06 06 | | | | |
| 2013/05/05 | 16:52:32.5 | XRT_ROI_B_417_OG [0x1a1] | | | | | | | | |
| | | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd 0f 80 80 06 06 | | | | |
| | | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd 10 80 80 08 08 | | | | |
| 2013/05/05 | 16:52:37.5 | XRT_QT_PROG_SET_422_OG [0x1a6] | | | | | | | | |
| | | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 06 | | | | |
| 2013/05/05 | 16:55:09.5 | XRT_FL_PROG_SET_435_OG [0x1b3] | | | | | | | | |
| | | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 07 | | | | |
| 2013/05/05 | 16:55:11.5 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2013/05/05 | 17:45:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2013/05/05 | 17:45:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2013/05/05 | 17:45:04.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | | | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2013/05/05 | 17:48:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2013/05/05 | 18:28:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | | |
| 2013/05/05 | 18:29:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2013/05/05 | 19:23:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2013/05/05 | 19:23:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2013/05/05 | 19:23:34.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | | | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2013/05/05 | 19:26:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | | |

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| | | | | | | |
|------------|------------|-----------------------------------|---------------------|---|-------|----------------|
| 2013/05/05 | 19:50:00.0 | AOCS_OrE-point_Start_6_OG [0x09c] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| | | AOCU_NM | | 5 | 02-76 | 00 e9 cb b1 cb |
| 2013/05/05 | 20:04:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2013/05/05 | 20:04:56.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2013/05/05 | 20:05:00.0 | AOCS_OrE-point_Start_1_OG [0x097] | AOCU_NM | 5 | 02-76 | 03 00 00 00 00 |
| 2013/05/05 | 20:05:16.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2013/05/05 | 20:05:18.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2013/05/05 | 20:05:20.0 | XRT_AEC_RESET_413_OG [0x19d] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2013/05/05 | 20:05:22.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2013/05/05 | 20:05:24.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2013/05/05 | 20:05:26.0 | XRT_QT_PROG_SET_409_OG [0x199] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 13 |
| 2013/05/05 | 20:07:58.0 | XRT_FL_PROG_SET_435_OG [0x1b3] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 07 |
| 2013/05/05 | 20:08:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2013/05/05 | 21:02:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2013/05/05 | 21:02:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2013/05/05 | 21:02:04.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2013/05/05 | 21:05:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2013/05/05 | 21:42:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2013/05/05 | 21:43:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2013/05/05 | 22:40:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2013/05/05 | 22:40:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2013/05/05 | 22:40:34.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2013/05/05 | 22:43:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2013/05/05 | 23:15:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2013/05/05 | 23:16:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2013/05/06 | 00:19:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2013/05/06 | 00:19:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2013/05/06 | 00:19:04.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2013/05/06 | 00:22:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2013/05/06 | 00:44:00.5 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2013/05/06 | 00:45:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2013/05/06 | 01:56:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2013/05/06 | 01:56:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2013/05/06 | 01:56:34.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2013/05/06 | 01:59:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2013/05/06 | 02:22:30.5 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2013/05/06 | 02:23:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2013/05/06 | 03:28:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2013/05/06 | 03:28:02.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2013/05/06 | 03:28:04.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2013/05/06 | 03:31:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2013/05/06 | 04:01:00.5 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2013/05/06 | 04:02:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2013/05/06 | 05:03:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2013/05/06 | 05:03:32.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2013/05/06 | 05:03:34.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2013/05/06 | 05:06:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2013/05/06 | 05:59:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2013/05/06 | 05:59:26.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2013/05/06 | 05:59:30.0 | AOCS_OrE-point_Start_2_OG [0x098] | | | | |

| | | | | | | | | | | |
|------------|------------|-----------------------------------|---------------------|---|-------|----|----|----|----|----|
| 2013/05/06 | 05:59:46.0 | XRT_FLD_DIS_434_OG [0x1b2] | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| | | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2013/05/06 | 06:02:24.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | 1 | 07-F0 | c9 | | | | |
| | | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2013/05/06 | 06:02:26.0 | XRT_ARS_DIS_423_OG [0x1a7] | | 1 | 07-F0 | d5 | | | | |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2013/05/06 | 06:02:28.0 | XRT_QT_PROG_SET_447_OG [0x1bf] | | 2 | 07-F0 | c4 | 12 | | | |
| | | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 12 | | | |
| 2013/05/06 | 06:02:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | 1 | 07-F0 | c0 | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2013/05/06 | 06:09:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | 1 | 07-F0 | c1 | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2013/05/06 | 06:09:26.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| | | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2013/05/06 | 06:09:30.0 | AOCS_Ore-point_Start_7_OG [0x09d] | | 5 | 02-76 | 00 | f3 | 75 | af | 75 |
| | | | AOCU_NM | 5 | 02-76 | 00 | f3 | 75 | af | 75 |
| 2013/05/06 | 06:09:46.0 | XRT_FLD_ENA_411_OG [0x19b] | | 1 | 07-F0 | d8 | | | | |
| | | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2013/05/06 | 06:09:48.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | 1 | 07-F0 | c8 | | | | |
| | | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2013/05/06 | 06:09:50.0 | XRT_AEC_RESET_413_OG [0x19d] | | 1 | 07-F0 | d0 | | | | |
| | | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2013/05/06 | 06:09:52.0 | XRT_ARS_DIS_423_OG [0x1a7] | | 1 | 07-F0 | d5 | | | | |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2013/05/06 | 06:09:54.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | da | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2013/05/06 | 06:09:56.0 | XRT_QT_PROG_SET_409_OG [0x199] | | 2 | 07-F0 | c4 | 13 | | | |
| | | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 13 | | | |
| 2013/05/06 | 06:12:28.0 | XRT_FL_PROG_SET_435_OG [0x1b3] | | 2 | 07-F0 | c5 | 07 | | | |
| | | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 07 | | | |
| 2013/05/06 | 06:12:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | 1 | 07-F0 | c0 | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2013/05/06 | 06:44:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | c1 | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2013/05/06 | 06:44:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | da | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2013/05/06 | 06:44:04.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | 1 | 07-F0 | e8 | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2013/05/06 | 06:47:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | 1 | 07-F0 | e9 | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2013/05/06 | 07:18:00.5 | XRT_Custom_430_OG [0x1ae] | | 1 | 07-F0 | c0 | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2013/05/06 | 07:19:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | 1 | 07-F0 | c0 | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2013/05/06 | 08:24:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | c1 | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2013/05/06 | 08:24:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | da | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2013/05/06 | 08:24:04.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | 1 | 07-F0 | e8 | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2013/05/06 | 08:27:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | 1 | 07-F0 | e9 | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2013/05/06 | 08:56:30.5 | XRT_Custom_430_OG [0x1ae] | | 1 | 07-F0 | c0 | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2013/05/06 | 08:57:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | 1 | 07-F0 | c0 | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2013/05/06 | 10:05:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | c1 | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2013/05/06 | 10:05:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | da | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2013/05/06 | 10:05:04.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | 1 | 07-F0 | e8 | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2013/05/06 | 10:08:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | 1 | 07-F0 | e9 | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2013/05/06 | 10:35:00.5 | XRT_Custom_430_OG [0x1ae] | | 1 | 07-F0 | c0 | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2013/05/06 | 10:36:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | 1 | 07-F0 | c0 | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2013/05/06 | 11:48:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | c1 | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2013/05/06 | 11:48:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | da | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2013/05/06 | 11:48:34.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | 1 | 07-F0 | e8 | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2013/05/06 | 11:51:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | 1 | 07-F0 | e9 | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2013/05/06 | 12:13:30.5 | XRT_Custom_430_OG [0x1ae] | | 1 | 07-F0 | c0 | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2013/05/06 | 12:14:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | 1 | 07-F0 | c0 | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2013/05/06 | 13:27:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | c1 | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2013/05/06 | 13:27:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | da | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2013/05/06 | 13:27:04.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | 1 | 07-F0 | e8 | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2013/05/06 | 13:30:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | 1 | 07-F0 | e9 | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2013/05/06 | 13:52:00.5 | XRT_Custom_430_OG [0x1ae] | | 1 | 07-F0 | c0 | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2013/05/06 | 13:53:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | 1 | 07-F0 | c0 | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2013/05/06 | 15:05:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | 1 | 07-F0 | c1 | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2013/05/06 | 15:05:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | 1 | 07-F0 | da | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2013/05/06 | 15:05:04.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | 1 | 07-F0 | e8 | | | | |

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| | | | | | | | |
|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|
| 2013/05/06 | 15:08:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2013/05/06 | 15:51:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2013/05/06 | 15:52:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2013/05/06 | 16:43:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2013/05/06 | 16:43:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2013/05/06 | 16:43:34.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2013/05/06 | 16:46:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2013/05/06 | 17:27:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2013/05/06 | 17:28:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2013/05/06 | 17:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2013/05/06 | 17:59:56.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | | | |
| | | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2013/05/06 | 18:00:00.0 | AOCS_OrE-point_Start_2_OG [0x098] | | | | | |
| | | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | |
| 2013/05/06 | 18:00:16.0 | XRT_FLD_DIS_434_OG [0x1b2] | | | | | |
| | | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2013/05/06 | 18:02:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | | | |
| | | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2013/05/06 | 18:02:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2013/05/06 | 18:02:58.0 | XRT_QT_PROG_SET_447_OG [0x1bf] | | | | | |
| | | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 | |
| 2013/05/06 | 18:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2013/05/06 | 18:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2013/05/06 | 18:09:56.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | |
| | | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2013/05/06 | 18:10:00.0 | AOCS_OrE-point_Start_7_OG [0x09d] | | | | | |
| | | | AOCU_NM | 5 | 02-76 | 00 f3 75 af 75 | |
| 2013/05/06 | 18:10:16.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | |
| | | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2013/05/06 | 18:10:18.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | |
| | | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2013/05/06 | 18:10:20.0 | XRT_AEC_RESET_413_OG [0x19d] | | | | | |
| | | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2013/05/06 | 18:10:22.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2013/05/06 | 18:10:24.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2013/05/06 | 18:10:26.0 | XRT_QT_PROG_SET_407_OG [0x197] | | | | | |
| | | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 14 | |
| 2013/05/06 | 18:12:58.0 | XRT_FL_PROG_SET_435_OG [0x1b3] | | | | | |
| | | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 07 | |
| 2013/05/06 | 18:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2013/05/06 | 18:22:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2013/05/06 | 18:22:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2013/05/06 | 18:22:04.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2013/05/06 | 18:25:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2013/05/06 | 19:04:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2013/05/06 | 19:05:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2013/05/06 | 20:00:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2013/05/06 | 20:00:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2013/05/06 | 20:00:34.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2013/05/06 | 20:03:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2013/05/06 | 20:41:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2013/05/06 | 20:42:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2013/05/06 | 21:39:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2013/05/06 | 21:39:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2013/05/06 | 21:39:04.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2013/05/06 | 21:42:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2013/05/06 | 22:17:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2013/05/06 | 22:18:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2013/05/06 | 23:17:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2013/05/06 | 23:17:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2013/05/06 | 23:17:34.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|
| 2013/05/06 | 23:20:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2013/05/06 | 23:44:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2013/05/06 | 23:45:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2013/05/07 | 00:56:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2013/05/07 | 00:56:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2013/05/07 | 00:56:04.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2013/05/07 | 00:59:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2013/05/07 | 01:21:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2013/05/07 | 01:22:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2013/05/07 | 02:32:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2013/05/07 | 02:32:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2013/05/07 | 02:32:04.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2013/05/07 | 02:35:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2013/05/07 | 03:00:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2013/05/07 | 03:01:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2013/05/07 | 04:01:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2013/05/07 | 04:01:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2013/05/07 | 04:01:04.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2013/05/07 | 04:04:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2013/05/07 | 04:38:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2013/05/07 | 04:39:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2013/05/07 | 05:41:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2013/05/07 | 05:41:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2013/05/07 | 05:41:34.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2013/05/07 | 05:44:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2013/05/07 | 06:18:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2013/05/07 | 06:18:26.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | | | |
| | | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2013/05/07 | 06:18:30.0 | AOCS_OrE-point_Start_2_OG [0x098] | | | | | |
| | | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | |
| 2013/05/07 | 06:18:46.0 | XRT_FLD_DIS_434_OG [0x1b2] | | | | | |
| | | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2013/05/07 | 06:21:24.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | | | |
| | | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2013/05/07 | 06:21:26.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2013/05/07 | 06:21:28.0 | XRT_QT_PROG_SET_447_OG [0x1bf] | | | | | |
| | | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 12 | |
| 2013/05/07 | 06:21:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2013/05/07 | 06:28:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2013/05/07 | 06:28:26.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | |
| | | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2013/05/07 | 06:28:30.0 | AOCS_OrE-point_Start_7_OG [0x09d] | | | | | |
| | | | AOCU_NM | 5 | 02-76 | 00 f3 75 af 75 | |
| 2013/05/07 | 06:28:46.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | |
| | | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2013/05/07 | 06:28:48.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | |
| | | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2013/05/07 | 06:28:50.0 | XRT_AEC_RESET_413_OG [0x19d] | | | | | |
| | | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2013/05/07 | 06:28:52.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2013/05/07 | 06:28:54.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2013/05/07 | 06:28:56.0 | XRT_QT_PROG_SET_409_OG [0x199] | | | | | |
| | | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 13 | |
| 2013/05/07 | 06:31:28.0 | XRT_FL_PROG_SET_435_OG [0x1b3] | | | | | |
| | | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 07 | |
| 2013/05/07 | 06:31:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2013/05/07 | 07:22:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2013/05/07 | 07:22:02.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2013/05/07 | 07:22:04.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2013/05/07 | 07:25:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |

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|------------|------------|-----------------------------------|---|-------|----------------|
| 2013/05/07 | 07:55:30.0 | XRT_Custom_430_OG [0x1ae] | | | |
| 2013/05/07 | 07:56:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2013/05/07 | 08:43:30.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2013/05/07 | 09:01:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2013/05/07 | 09:01:32.0 | XRT_FLD_RESET_415_OG [0x19f] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2013/05/07 | 09:01:34.0 | XRT_PREFLR_STRT_418_OG [0x1a2] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2013/05/07 | 09:04:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2013/05/07 | 10:08:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |