

XRT Timeline to be uploaded on 2012/08/09

Period: 2012/08/09 10:20:00 - 2012/08/14 10:42:00

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Normal mode

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XOB #18FF: 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(12)

| Term | Pointing (x, y) | Comment |
|--|-------------------|--|
| 08/10 06:13:00 - 08/10 06:19:54 | Fixed (0.0, 0.0) | synoptic, shifted 10.0 min |
| 08/10 18:01:30 - 08/10 18:12:09 | Fixed (0.0, 0.0) | synoptic, shifted -1.5 min, extended to one hour for SOT flat fields. |
| 08/11 05:13:30 - 08/11 05:23:30 | Fixed (0.0, 0.0) | synoptic, shifted -16.5 min, extended to one hour for SOT flat fields. |
| PROG= 01 1-time(s) | | |
| └ Subr= 1 1-time(s) 12.0sec | | |
| └─ Seqn= 11 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= 6 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) 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= 8 1-time(s) 2.0sec | | |
| └─┬ Open/G-band Open/G-band open Safe Norm 12ms Obs 2x2 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 #1905: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 1st Quadrant - Al/mesh, Ti/Poly-long-2 - w leak image

| Term | Pointing (x, y) | Comment |
|--|-------------------------|--|
| 08/10 06:23:00 - 08/10 06:29:54 | Fixed (-528.4, -528.4) | # XRT post-bakeout four-quadrant pointing. |
| PROG= 02 1-time(s) | | |
| └ Subr= 1 1-time(s) 12.0sec | | |
| └─ Seqn= 1 1-time(s) 12.0sec | | |
| └─┬ Open/G-band Open/G-band open Safe Norm 44ms Obs 1x1 1024x1024 (1536, 1536) Q=90 0 0 2.0sec | | |
| └─┬ Open/G-band Open/G-band open Safe Norm 44ms Obs 1x1 1024x1024 (1536, 1536) Q=90 0 0 2.0sec | | |
| └─┬ Open/thick-Be Open/thick-Be close Safe Dark 44ms Obs 1x1 1024x1024 (1536, 1536) Q=98 0 0 2.0sec | | |
| └─┴ Open/thick-Be Open/thick-Be close Safe Dark 44ms Obs 1x1 1024x1024 (1536, 1536) Q=98 0 0 2.0sec | | |
| └─ Subr= 2 1-time(s) 2.0sec | | |
| └─┬ Seqn= 7 2-time(s) 2.0sec | | |
| └─┬ Open/Al-mesh Open/Ti-poly close Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | |
| └─┴ Open/Ti-poly Open/thick-Al close Safe Norm 8.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | |
| └─ Subr= 3 2-time(s) 2.0sec | | |
| └─┬ Seqn= 15 1-time(s) 2.0sec | | |
| └─┬ Open/G-band Open/G-band close Safe Norm 63ms Obs 1x1 2048x2048 (1024, 1024) DPCM 0 0 2.0sec | | |
| └─┴ Seqn= 8 1-time(s) 2.0sec | | |
| └─┬ Open/G-band Open/G-band open Safe Norm 12ms Obs 2x2 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 #1906: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 2nd Quadrant - Al/mesh, Ti/Poly -long-w leak image

| Term | Pointing (x, y) | Comment |
|--|------------------------|---------|
| 08/10 06:33:05 - 08/10 06:39:54 | Fixed (528.4, -528.4) | |
| PROG= 03 1-time(s) | | |
| └ Subr= 1 1-time(s) 12.0sec | | |
| └─ Seqn= 2 1-time(s) 12.0sec | | |
| └─┬ Open/G-band Open/G-band open Safe Norm 44ms Obs 1x1 1024x1024 (512, 1536) Q=90 0 0 2.0sec | | |
| └─┬ Open/G-band Open/G-band open Safe Norm 44ms Obs 1x1 1024x1024 (512, 1536) Q=90 0 0 2.0sec | | |
| └─┬ Open/thick-Be Open/thick-Be close Safe Dark 44ms Obs 1x1 1024x1024 (512, 1536) Q=98 0 0 2.0sec | | |
| └─┴ Open/thick-Be Open/thick-Be close Safe Dark 44ms Obs 1x1 1024x1024 (512, 1536) Q=98 0 0 2.0sec | | |
| └─ Subr= 2 1-time(s) 2.0sec | | |
| └─┬ Seqn= 7 2-time(s) 2.0sec | | |
| └─┬ Open/Al-mesh Open/Ti-poly close Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | |
| └─┴ Open/Ti-poly Open/thick-Al close Safe Norm 8.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec | | |
| └─ Subr= 3 2-time(s) 2.0sec | | |
| └─┬ Seqn= 15 1-time(s) 2.0sec | | |
| └─┬ Open/G-band Open/G-band close Safe Norm 63ms Obs 1x1 2048x2048 (1024, 1024) DPCM 0 0 2.0sec | | |
| └─┴ Seqn= 8 1-time(s) 2.0sec | | |
| └─┬ Open/G-band Open/G-band open Safe Norm 12ms Obs 2x2 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 #1907: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 3rd Quadrant- Al/mesh, Ti/Poly-long-w leak image

| Term | Pointing (x, y) | Comment |
|---------------------------------|-----------------------|---------|
| 08/10 06:43:00 - 08/10 06:49:54 | Fixed (528.4, 528.4) | |
| PROG= 04 1-time(s) | | |
| └ Subr= 1 1-time(s) 12.0sec | | |
| └─ Seqn= 3 1-time(s) 12.0sec | | |

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|-----------------|----------------|------------------|---------------|-------|-------|-----|-----|------------------------|-------|------------|----------|--------|
| Open/G-band | Open/G-band | open | Safe | Norm | 44ms | Obs | 1x1 | 1024x1024 (512, 512) | Q=90 | 0 | 0 | 2.0sec |
| Open/G-band | Open/G-band | open | Safe | Norm | 44ms | Obs | 1x1 | 1024x1024 (512, 512) | Q=90 | 0 | 0 | 2.0sec |
| Open/thick-Be | Open/thick-Be | close | Safe | Dark | 44ms | Obs | 1x1 | 1024x1024 (512, 512) | Q=98 | 0 | 0 | 2.0sec |
| Open/thick-Be | Open/thick-Be | close | Safe | Dark | 44ms | Obs | 1x1 | 1024x1024 (512, 512) | Q=98 | 0 | 0 | 2.0sec |
| Subr= 2 | | 1-time(s) | 2.0sec | | | | | | | | | |
| Seqn= 7 | | 2-time(s) | 2.0sec | | | | | | | | | |
| Open/Al-mesh | Open/Ti-poly | close | Safe | Norm | 4.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Open/Ti-poly | Open/thick-Al | close | Safe | Norm | 8.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Subr= 3 | | 2-time(s) | 2.0sec | | | | | | | | | |
| Seqn= 15 | | 1-time(s) | 2.0sec | | | | | | | | | |
| Open/G-band | Open/G-band | close | Safe | Norm | 63ms | Obs | 1x1 | 2048x2048 (1024, 1024) | DPCM | 0 | 0 | 2.0sec |
| Seqn= 8 | | 1-time(s) | 2.0sec | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 12ms | Obs | 2x2 | 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 #1908: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 4th Quadrant - Al/mesh, Ti/Poly-long-w leak image

| Term | Pointing (x, y) | Comment |
|---------------------------------|------------------------|--------------------------------------|
| 08/10 06:53:00 - 08/10 06:59:54 | Fixed (-528.4, 528.4) | * XRT four quadrant, final pointing. |

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|-----------------|----------------|------------------|----------------|-------|-------|-----|-----|------------------------|-------|------------|----------|--------|
| PROG= 05 | | 1-time(s) | | | | | | | | | | |
| Subr= 1 | | 1-time(s) | 12.0sec | | | | | | | | | |
| Seqn= 4 | | 1-time(s) | 12.0sec | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 44ms | Obs | 1x1 | 1024x1024 (1536, 512) | Q=90 | 0 | 0 | 2.0sec |
| Open/G-band | Open/G-band | open | Safe | Norm | 44ms | Obs | 1x1 | 1024x1024 (1536, 512) | Q=90 | 0 | 0 | 2.0sec |
| Open/thick-Be | Open/thick-Be | close | Safe | Dark | 44ms | Obs | 1x1 | 1024x1024 (1536, 512) | Q=98 | 0 | 0 | 2.0sec |
| Open/thick-Be | Open/thick-Be | close | Safe | Dark | 44ms | Obs | 1x1 | 1024x1024 (1536, 512) | Q=98 | 0 | 0 | 2.0sec |
| Subr= 2 | | 1-time(s) | 2.0sec | | | | | | | | | |
| Seqn= 7 | | 2-time(s) | 2.0sec | | | | | | | | | |
| Open/Al-mesh | Open/Ti-poly | close | Safe | Norm | 4.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Open/Ti-poly | Open/thick-Al | close | Safe | Norm | 8.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Subr= 3 | | 1-time(s) | 2.0sec | | | | | | | | | |
| Seqn= 15 | | 1-time(s) | 2.0sec | | | | | | | | | |
| Open/G-band | Open/G-band | close | Safe | Norm | 63ms | Obs | 1x1 | 2048x2048 (1024, 1024) | DPCM | 0 | 0 | 2.0sec |
| Seqn= 8 | | 1-time(s) | 2.0sec | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 12ms | Obs | 2x2 | 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 #190B: G-Band Alignment with North Pole Q90 2x2(G-band only) - 12msec - 5min cadence - Partial Sun-wNGT-2

| Term | Pointing (x, y) | Comment |
|---------------------------------|---------------------|---------------------------------|
| 08/10 07:15:00 - 08/10 08:59:54 | Fixed (0.0, 945.0) | * Alignment offset pointing, N. |

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|-----------------|----------------|-------------------|-----------------|-------|------|-----|-----|-----------------------|-------|------------|----------|--------|
| PROG= 06 | | 1-time(s) | | | | | | | | | | |
| Subr= 1 | | 1-time(s) | 360.0sec | | | | | | | | | |
| Seqn= 16 | | 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 |
|---------------------------------|----------------------|---------------------------------|
| 08/10 09:15:00 - 08/10 11:02:30 | Fixed (-945.0, 0.0) | * Offset alignment pointing, E. |

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|-----------------|----------------|-------------------|-----------------|-------|------|-----|-----|------------------------|-------|------------|----------|--------|
| PROG= 07 | | 1-time(s) | | | | | | | | | | |
| Subr= 1 | | 1-time(s) | 360.0sec | | | | | | | | | |
| Seqn= 17 | | 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 #1912: AR Standard-A(Filter-Ratio) with PFB, FW1=Open, 384x384 at 1064 1048, 60s cad With G-band Test

| Term | Pointing (x, y) | Comment |
|---------------------------------|---|---|
| 08/10 11:03:08 - 08/10 14:59:54 | Track (-251.1, 80.5) ^{Ⓜ 08/10 11:00:00} | * HOP 160, AR limb-to-limb tracking. Minimum 1.5 hrs for EIS, extended for 4 hrs for XRT. |
| 08/10 15:00:30 - 08/10 17:12:30 | Track (-490.2, -349.3) ^{Ⓜ 08/10 15:00:00} | * Track AR 11542. |
| 08/10 19:34:06 - 08/11 04:31:00 | Track (-460.7, -351.4) ^{Ⓜ 08/10 18:58:30} | # Cont. |
| 08/11 06:11:00 - 08/11 09:10:00 | Track (-373.9, -356.9) ^{Ⓜ 08/11 06:10:30} | # Cont. |

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|-----------------|---------------|---------------------|----------------|------|-------|-----|-----|------------------------|------|---|---|--------|
| PROG= 08 | | Inf.-time(s) | | | | | | | | | | |
| Subr= 1 | | 1-time(s) | 2.0sec | | | | | | | | | |
| Seqn= 19 | | 2-time(s) | 2.0sec | | | | | | | | | |
| Open/G-band | Open/G-band | close | Safe | Norm | 63ms | Obs | 1x1 | 1024x1024 (1536, 1536) | DPCM | 0 | 0 | 2.0sec |
| Subr= 2 | | 2-time(s) | 2.0sec | | | | | | | | | |
| Seqn= 18 | | 1-time(s) | 2.0sec | | | | | | | | | |
| Open/Ti-poly | Open/thick-Al | close | Safe | Dark | 16.0s | Obs | 1x1 | 1024x1024 (1536, 1536) | Q=98 | 0 | 0 | 2.0sec |
| Open/G-band | Open/G-band | open | Safe | Norm | 44ms | Obs | 1x1 | 1024x1024 (1536, 1536) | Q=98 | 0 | 0 | 2.0sec |
| Seqn= 9 | | 4-time(s) | 2.0sec | | | | | | | | | |
| Open/Ti-poly | Open/thick-Al | close | Safe | Norm | 500ms | Obs | 1x1 | 1024x1024 (1536, 1536) | Q=95 | 3 | 0 | 2.0sec |
| Open/thick-Al | Open/thick-Be | close | Safe | Norm | 16.0s | Obs | 1x1 | 1024x1024 (1536, 1536) | Q=95 | 3 | 0 | 2.0sec |
| Seqn= 10 | | 30-time(s) | 60.0sec | | | | | | | | | |
| Open/Al-mesh | Open/thick-Al | close | Safe | Norm | 500ms | Obs | 1x1 | 1024x1024 (1536, 1536) | Q=95 | 3 | 0 | 2.0sec |
| Open/Ti-poly | Open/thick-Be | close | Safe | Norm | 1.00s | Obs | 1x1 | 1024x1024 (1536, 1536) | 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 |

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|----------------|----------------|-------|------|-------|-------|-----|-----|----------------------|-------|------------|----------|--------|
| 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 #1917: Full Disk Q95 2x2 - Al/mesh(12/723) + Ti-poly(24/1443) +Al-Thick(65)-5min-cad

| Term | Pointing (x, y) | Comment |
|---------------------------------|-------------------|--|
| 08/10 18:15:15 - 08/10 18:51:00 | Fixed (0.0, 0.0) | synoptic, shifted -1.5 min, extended to one hour for SOT flat fields. |
| 08/11 05:26:36 - 08/11 06:10:24 | Fixed (0.0, 0.0) | synoptic, shifted -16.5 min, extended to one hour for SOT flat fields. |

PROG= 10 Inf-time(s)

| | | | | | | | | | | | | |
|-----------------|----------------|------------------|-----------------|-------|-------|-----|-----|------------------------|-------|------------|----------|--------|
| Subr= 1 | | 1-time(s) | 312.0sec | | | | | | | | | |
| Seqn= 11 | | 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= 12 | | 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= 5 | | 1-time(s) | 2.0sec | | | | | | | | | |
| Open/thick-Al | Open/thick-Al | close | Safe | Norm | 64.0s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

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Flare mode

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XOB #1914: Flare obs. dynamics - Ti_poly high cadence + context (thick-Al-384x384)-15 loops (45ms Gband)

| Term | Pointing (x, y) | Comment |
|---------------------------------|--|---|
| 08/10 11:03:08 - 08/10 14:59:54 | Track (-251.1, 80.5) @ 08/10 11:00:00 | * HOP 160, AR limb-to-limb tracking. Minimum 1.5 hrs for EIS, extended for 4 hrs for XRT. |
| 08/10 15:00:30 - 08/10 17:12:30 | Track (-490.2, -349.3) @ 08/10 15:00:00 | * Track AR 11542. |
| 08/10 19:34:06 - 08/11 04:31:00 | Track (-460.7, -351.4) @ 08/10 18:58:30 | # Cont. |
| 08/11 06:11:00 - 08/11 09:10:00 | Track (-373.9, -356.9) @ 08/11 06:10:30 | # Cont. |

PROG= 09 15-time(s)

| | | | | | | | | | | | | |
|-----------------|----------------|-------------------|----------------|-------|-------|-----|-----|----------------------|-------|------------|----------|--------|
| Subr= 1 | | 45-time(s) | 10.0sec | | | | | | | | | |
| Seqn= 13 | | 1-time(s) | 2.0sec | | | | | | | | | |
| Open/Ti-poly | Open/thick-Al | close | Safe | Norm | 4ms | Obs | 1x1 | 384x384 (1024, 1024) | DPCM | 2 | 0 | 2.0sec |
| Open/Ti-poly | Open/thick-Al | close | Safe | Norm | 4ms | Obs | 1x1 | 384x384 (1024, 1024) | DPCM | 3 | 0 | 2.0sec |
| Subr= 2 | | 1-time(s) | 10.0sec | | | | | | | | | |
| Seqn= 14 | | 1-time(s) | 2.0sec | | | | | | | | | |
| Open/thick-Al | Open/thick-Al | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1024, 1024) | DPCM | 2 | 0 | 2.0sec |
| Open/thick-Al | Open/thick-Al | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1024, 1024) | DPCM | 3 | 0 | 2.0sec |
| Seqn= 20 | | 1-time(s) | 2.0sec | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 44ms | 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 |
| 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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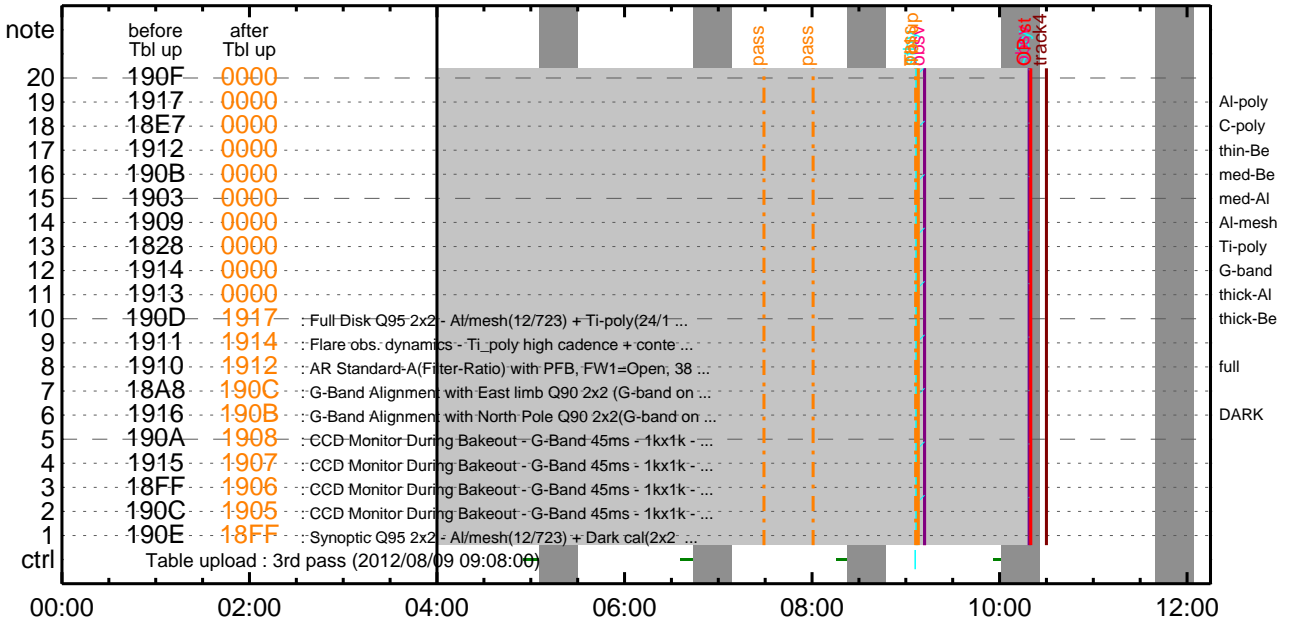
Flare Detection

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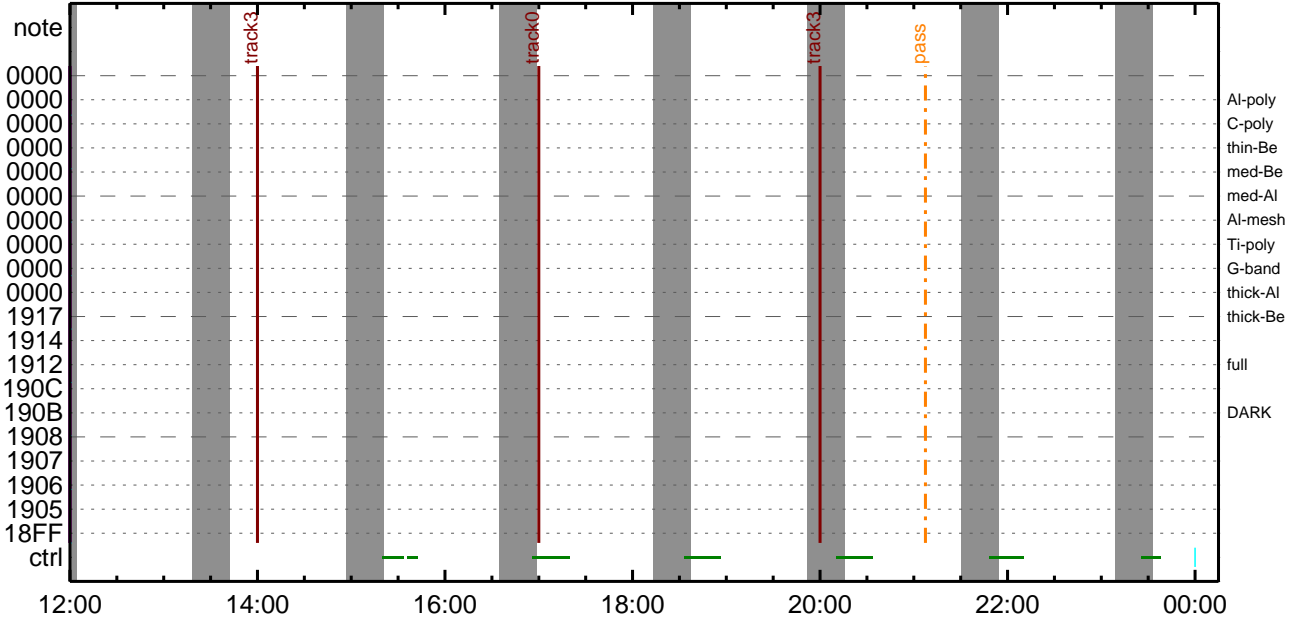
FLD Patrol

| Term | Pointing (x, y) | Comment | | | | | | | | | |
|---------------------------------|--|---|------|-------|------|-----|-----|--------------------|-------|------------|----------|
| 08/10 11:02:52 - 08/10 17:58:46 | Track (-251.1, 80.5) @ 08/10 11:00:00 | * HOP 160, AR limb-to-limb tracking. Minimum 1.5 hrs for EIS, extended for 4 hrs for XRT. | | | | | | | | | |
| 08/10 19:33:52 - 08/11 05:10:46 | Track (-460.7, -351.4) @ 08/10 18:58:30 | # Cont. | | | | | | | | | |
| 08/11 06:10:46 - 08/11 10:42:00 | Track (-373.9, -356.9) @ 08/11 06:10:30 | # 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 |

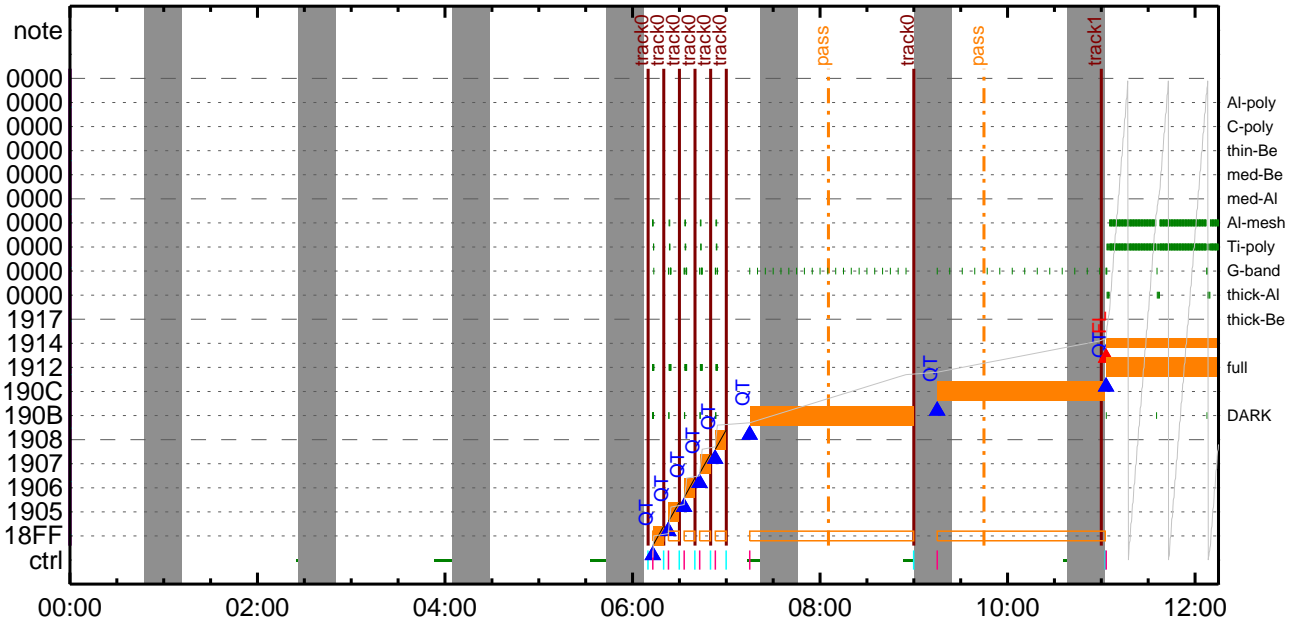
CMDI #0835 2012/08/09



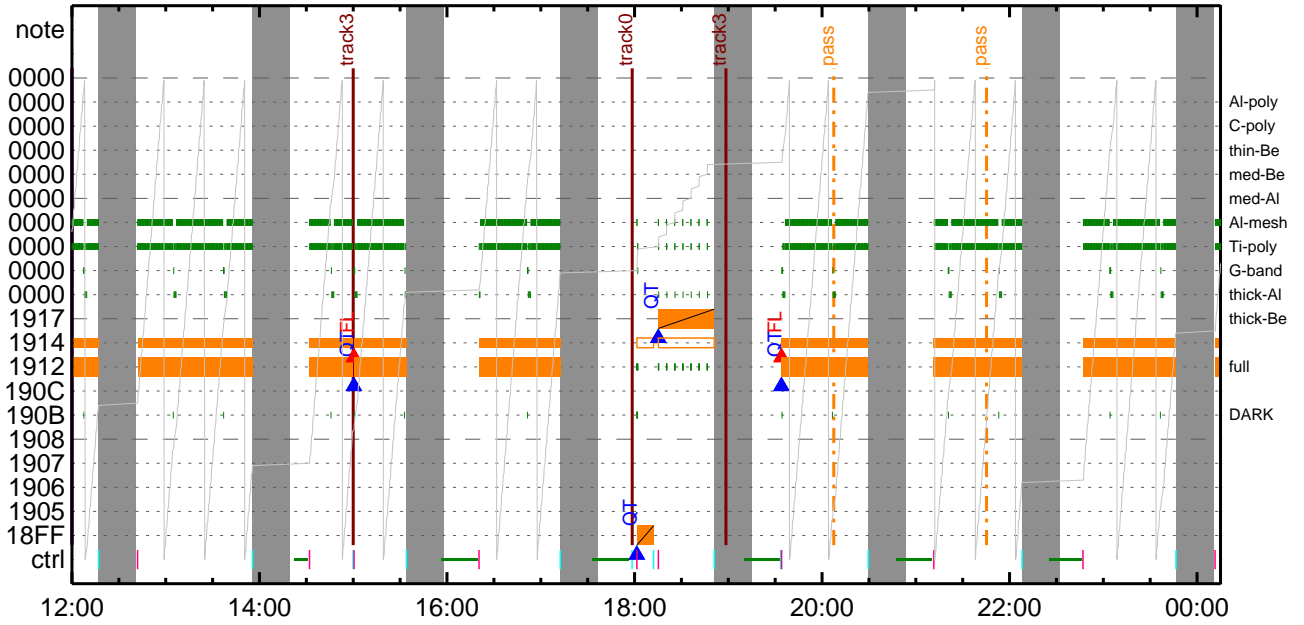
CMDI #0835 2012/08/09



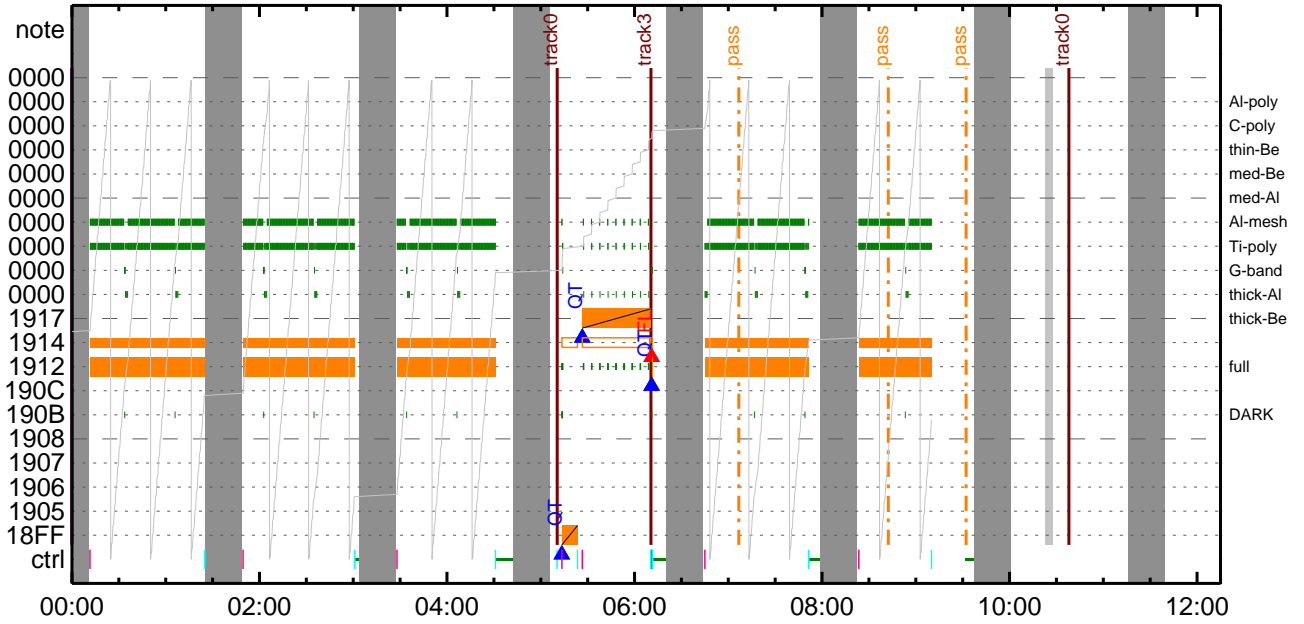
CMDI #0835 2012/08/10



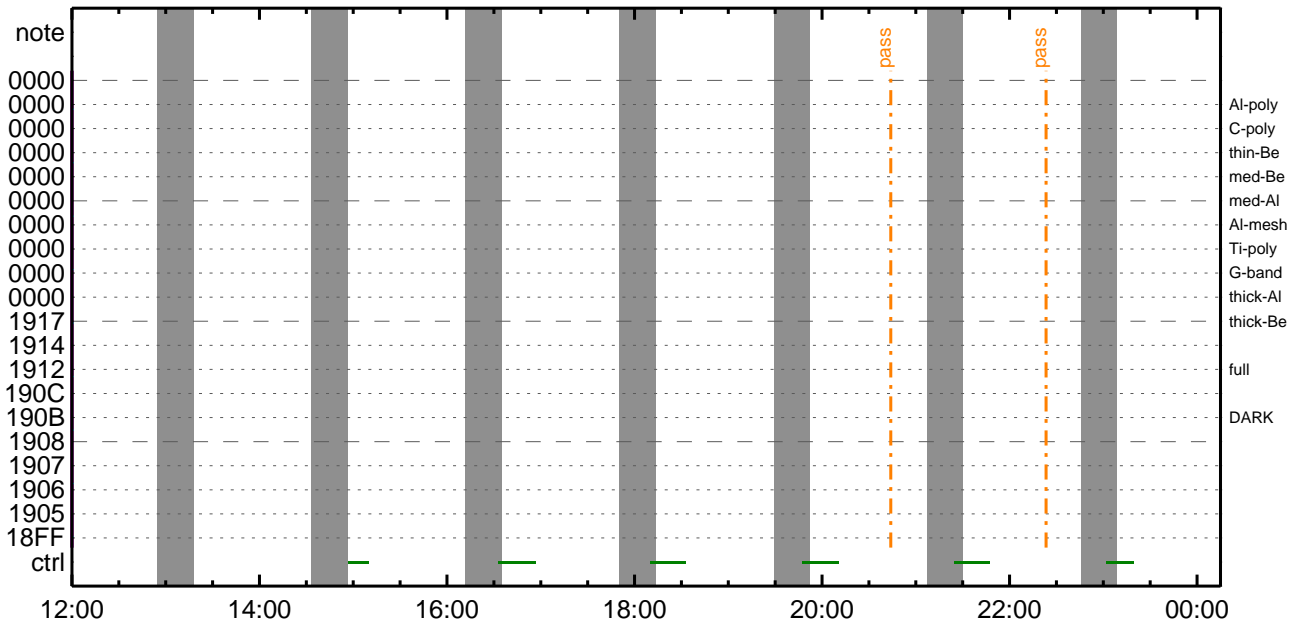
CMDI #0835 2012/08/10



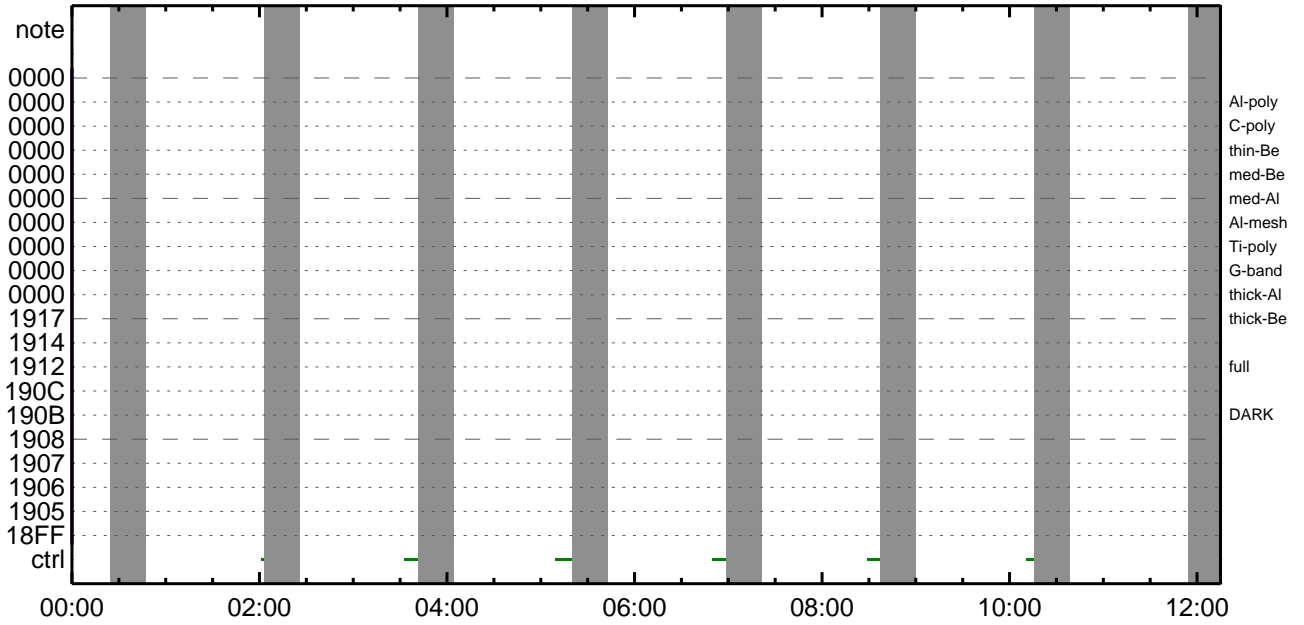
CMDI #0835 2012/08/11



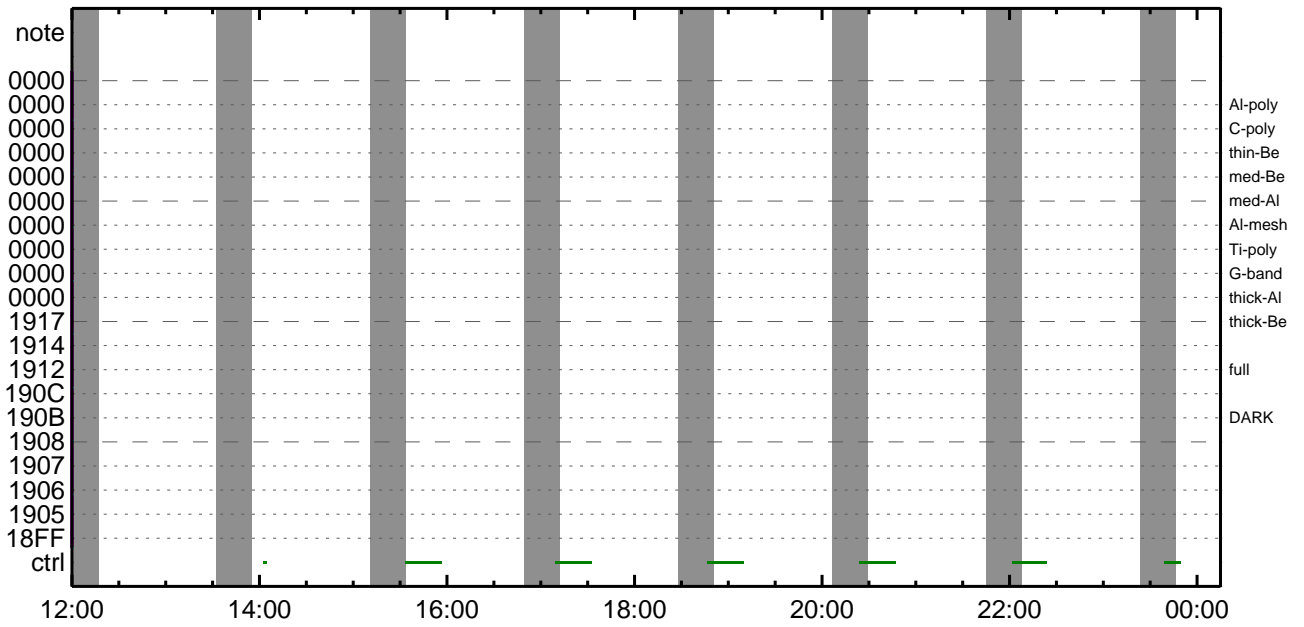
CMDI #0835 2012/08/11



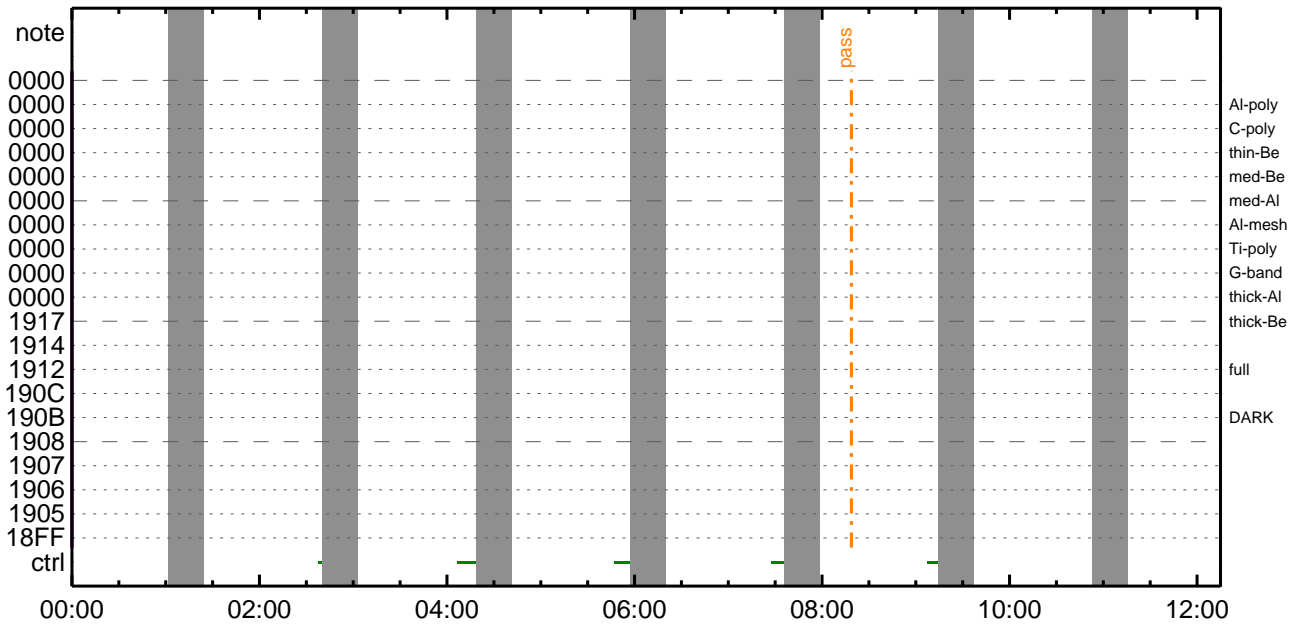
CMDI #0835 2012/08/12



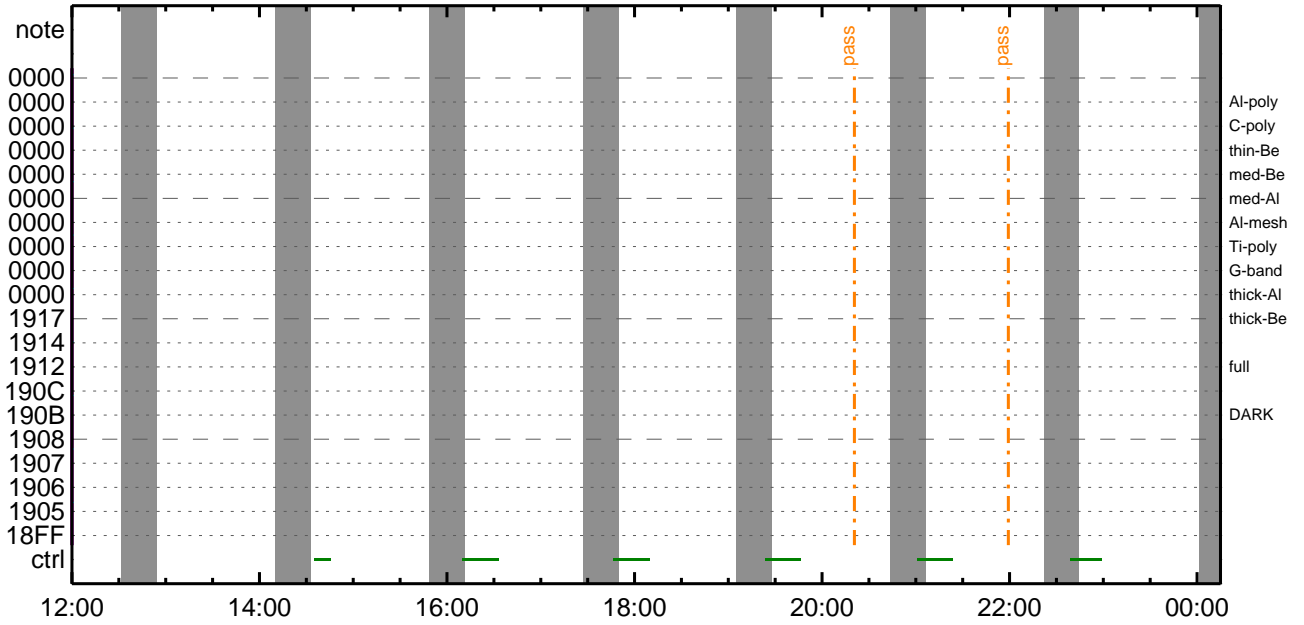
CMDI #0835 2012/08/12



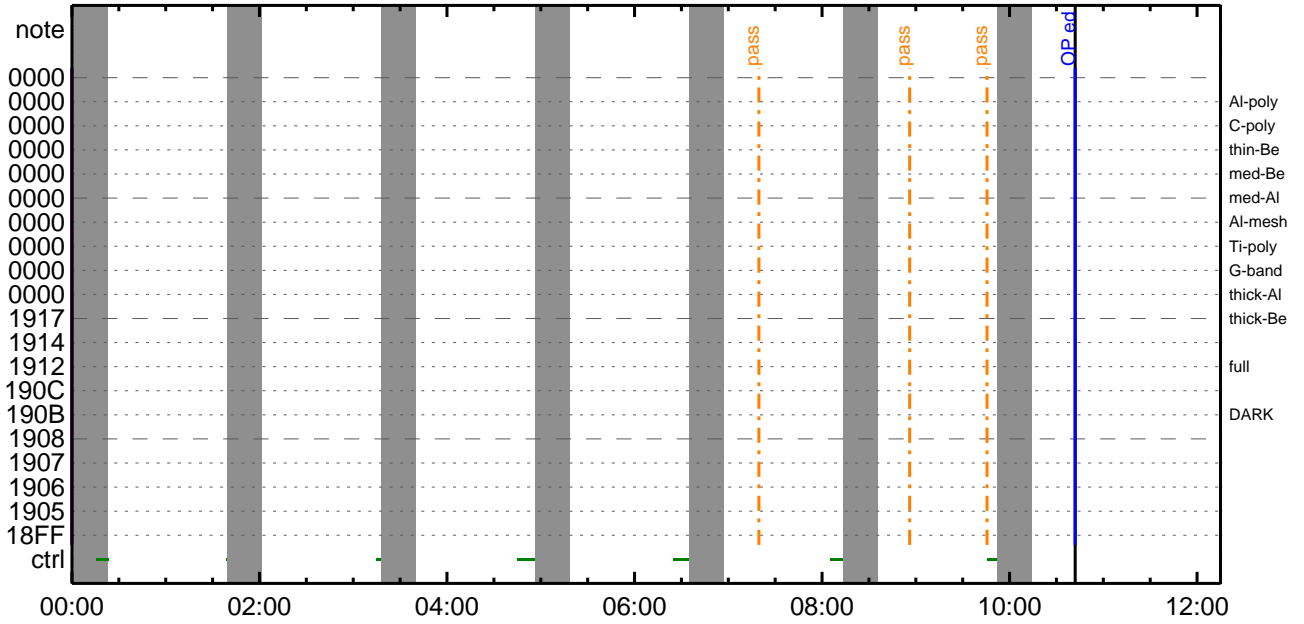
CMDI #0835 2012/08/13



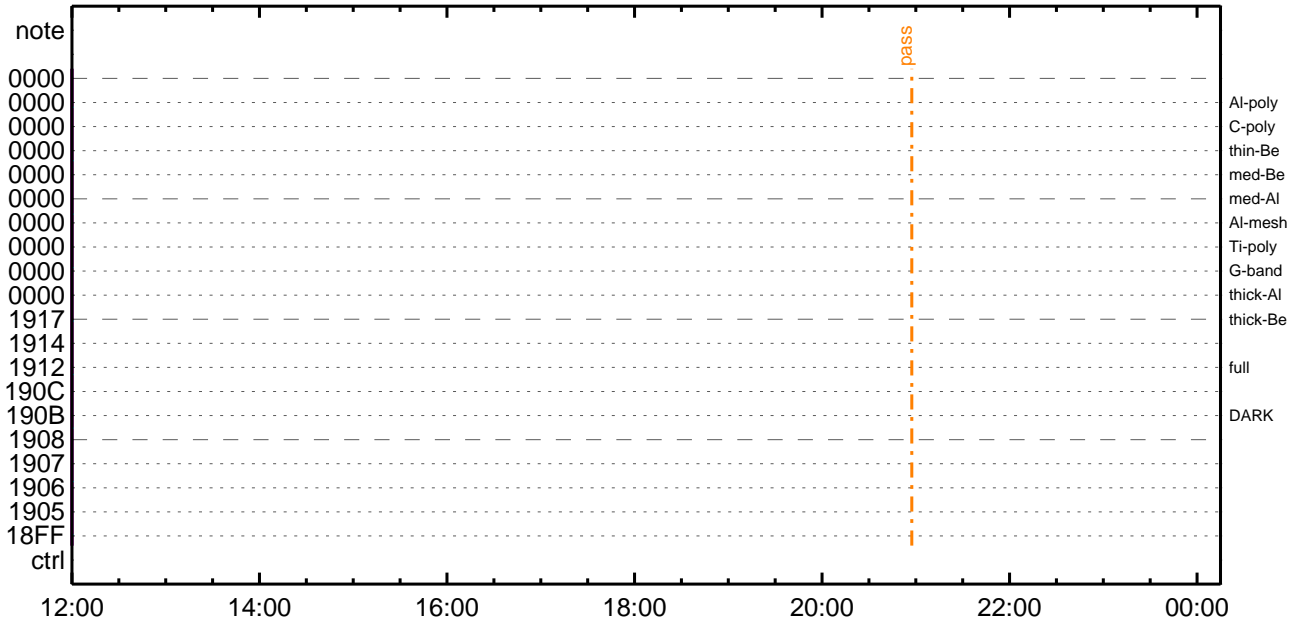
CMDI #0835 2012/08/13



CMDI #0835 2012/08/14



CMDI #0835 2012/08/14



0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;ã
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-070:OP
0104 (
0105 S. OG og-070:OG
0106 (
0107 C.
0108 C. ;ãNMOG&OPîî°è¥ÅYó¥x;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. ¥ÅYó¥x½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOGñî¼È¹ç•è²îOKò³îÇ§
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. ¥ÅYó¥x½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOGñî¼È¹ç•è²îOKò³îÇ§
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. ¥ÅYó¥x½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OPñî¼È¹ç•è²îOKò³îÇ§
0165 C.
0166 C. ***** òÈ²¼òî¼Ã´¶Á°òÈÈ¬ò°Á÷¿® (¼âµ-¥ÅYó¥x½ªî»ò³îÇ§òðÁÔÃæòÇ¼ª°¬òÈ¼î¹çòÇòâ) *****
0167 C. DHU¥â;¼YE;È¼Y½, ¥î;¼YE;Èòðîã¹
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 UPLOAD¬-Á÷¿®NGñî¼È¹ç;ç°È²¼òî¼TI-CMDÁ÷¿®ñî¼È¹çòÈ¼î¹çòÇòâ ; f
0180 C. òÈ²¼;çSETòÈDUMPñî¼È¹ç°È²¼òî¼È¹çòÈ¼î¹çòÇòâ ; f
0181 C.
0182 C. TIY³¥P¥ó¥EòðÁDî¿¿(UT)
0183 +. TI 2012-08-09 10:15:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2012-08-09 10:15:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2012-08-09 10:15:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

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0194 C.
0195 +. TI 2012-08-09 10:19:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.      ÷÷[HK1_TI_CMD_NUM]                EQ      1COUNTUP
0198 C.
0199 C. °Ê²¼αîÄè%îíñαîîŷÄŷ§ŷÄŷ⁻¹àîü
0200 C.      ÷÷[HK1_TI_CMD_ENA/DIS]            EQ      ENA
0201 C.      ÷÷[HK1_TI_CMD_NUM]                EQ      4
0202 C.      ÷÷[HK1_NEXT_EXEC_PIM]             EQ      DHU
0203 C.      ÷÷[HK1_NEXT_EXEC_DC]             EQ      0xB3
0204 C.
0205 . C. *****
0206 C. Tîíî°èŷÄŷÖŷ×
0207 C. *****
0208 C.
0209 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC     (03 ab 03 01 02)
0212 C.      ÷÷[HK1_DMP_TOP_ADRS_1]           EQ      07
0213 C.      ÷÷[HK1_DMP_TOP_ADRS_0]           EQ      2B
0214 C.      ÷÷[HK1_DMP_BLOCK_NUM]            EQ      3
0215 C.      ÷÷[HK1_DMP_REPEAT_NUM]          EQ      0
0216 C.      ÷÷[HK1_DMA_DMP_PIM]             EQ      DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC     (07 0b f8)
0219 C.      ÷÷[HK1_PKT_FORM_NO]              EQ      7
0220 C.      ÷÷[HK1_PKT_GEN_TIME]             EQ      0.25 s
0221 C.      ÷÷[HK1_S_TLM_BIT_RATE]          EQ      32k
0222 C.      ÷÷[HK1_X_TLM_BIT_RATE]          EQ      4M
0223 C.      ÷÷[HK1_DMP_CHK_FLG]             EQ      EXEC
0224 C.
0225 . C. ŷÄŷÖŷ×½ªî»α³îÇ§
0226 C.      ÷÷[HK1_DMP_CHK_FLG]             EQ      NON
0227 C.
0228 . C. RAM ID=TI_TBLαîîÊ¹ç•è²îOKαα³îÇ§
0229 C.
0230 . C. DHUŷä;¼ŷÊ;Êŷ¼;ŷî;¼ŷÊ;Êααîäα¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC     (02 0a f8)
0233 C.      ÷÷[HK1_PKT_FORM_NO]              EQ      2
0234 C.      ÷÷[HK1_PKT_GEN_TIME]             EQ      0.5S
0235 C.      ÷÷[HK1_S_TLM_BIT_RATE]          EQ      32K
0236 C.      ÷÷[HK1_X_TLM_BIT_RATE]          EQ      4M
0237 C.
0238 . C. Stop EIS observation and temporarily disable EIS mode changes
0239 C.
0240 C.
0241 C. ***** Start EIS operation (TI set) *****
0242 C. Execute, after the success of OP upload.
0243 C. Set EIS TI-commands
0244 +. TI 2012-08-09 10:19:30.0
0245 DC 07-FC EIS_MODE_MANU
0246 BC     (21 02)
0247 +. TI 2012-08-09 10:19:40.0
0248 DC 07-FC EIS_MODE_CHG_DIS
0249 BC     (22)
0250 . C.      [ ] [HK1_TI_CMD_NUM]            EQ      2 COUNTUP
0251 C. ***** End EIS operation (TI set) *****
0252 C.
0253 C.
0254 C. *****
0255 C. SOT TI command set
0256 C. *****
0257 C. Execute, after the success of OP upload.
0258 +. TI 2012-08-09 10:19:16.0
0259 DC 07-F0 MDP_SOT_MODE_STBY
0260 BC     (41)
0261 . C. -----
0262 C.      HK1_TI_CMD_NUM      = 1 CNTUP [ ]
0263 C. -----
0264 C. ***** SOT END *****
0265 C.
0266 C. ***** XRT START *****
0267 C. Execute, after the success of OP upload.
0268 +. TI 2012-08-09 10:19:00.0
0269 DC 07-F0 MDP_XRT_MODE_STBY
0270 BC     (c3)
0271 . C.      [ ] [HK1_TI_CMD_NUM]            EQ      1COUNTUP
0272 C.
0273 C. ***** XRT END *****
0274 C.
0275 . C. ***** MDP ´úÃîαî»ö¼ŷαÉÄα¹αèDCBC•x²è *****
0276 C. (¼ª°îŷÖŷÄŷËŷŷŷÄŷÇŷèè%¼αα¼Ã»Ûα¹αè)
0277 . S. DC-BC dcbc-402:DCBC
0278      (MDP_known_event)
0279 C.
0280 C.
0281 . C. ***** ŷÐŷ¹.î Daily±çîñαè´Øα¹αèDCBC•x²è *****
0282 . S. DC-BC dcbc-153:DCBC
0283      (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0284 C.
0285 C.
0286 . C. ;ãLOSŷÄŷ§ŷÄŷ⁻¹¼Ã»Û;ä
0287 C.
0288 . C. ***** LOS *****
0289 C.

```



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0096 C.
0097 C.
0098 C.
0099 C. ***** XRT START *****
0100 C.
0101 +. DC 07-F0 MDP_XRT_CTRL_MANU
0102 BC (c1)
0103 + DC 07-F0 MDP_XRT_MODE_STBY
0104 BC (c3)
0105 . C. ----- Success Verify ? OK / NG____
0106 C.
0107 C. XRT Obs. Table Upload
0108 . S. RAM ram-291:MDP_OBS_X
0109 ( )
0110 C.
0111 +. DC 07-F0 MDP_DUMP_XRTTBL
0112 BC (84 07 00 00 00 3a d4)
0113 . C. ----- Comparison Check ? OK / ERR ____
0114 C.
0115 C.
0116 +. DC 07-F0 MDP_XRT_ROI_SET
0117 BC (cd 01 b1 b1 04 04)
0118 + DC 07-F0 MDP_XRT_ROI_SET
0119 BC (cd 02 b1 b1 08 08)
0120 + DC 07-F0 MDP_XRT_ROI_SET
0121 BC (cd 03 b1 b1 08 08)
0122 + DC 07-F0 MDP_XRT_ROI_SET
0123 BC (cd 04 b1 b1 06 06)
0124 + DC 07-F0 MDP_XRT_ROI_SET
0125 BC (cd 05 85 83 06 06)
0126 + DC 07-F0 MDP_XRT_ROI_SET
0127 BC (cd 06 80 80 20 20)
0128 + DC 07-F0 MDP_XRT_ROI_SET
0129 BC (cd 07 80 80 20 08)
0130 + DC 07-F0 MDP_XRT_ROI_SET
0131 BC (cd 08 80 80 08 20)
0132 + DC 07-F0 MDP_XRT_ROI_SET
0133 BC (cd 09 c0 c0 10 10)
0134 + DC 07-F0 MDP_XRT_ROI_SET
0135 BC (cd 0a 40 c0 10 10)
0136 + DC 07-F0 MDP_XRT_ROI_SET
0137 BC (cd 0b 40 40 10 10)
0138 + DC 07-F0 MDP_XRT_ROI_SET
0139 BC (cd 0c c0 40 10 10)
0140 + DC 07-F0 MDP_XRT_ROI_SET
0141 BC (cd 0d 80 60 20 18)
0142 + DC 07-F0 MDP_XRT_ROI_SET
0143 BC (cd 0e a0 80 18 20)
0144 + DC 07-F0 MDP_XRT_ROI_SET
0145 BC (cd 0f 80 80 06 06)
0146 + DC 07-F0 MDP_XRT_FLD_DIS
0147 BC (d9)
0148 + DC 07-F0 MDP_XRT_FLRCTRL_DIS
0149 BC (c9)
0150 + DC 07-F0 MDP_XRT_AEC_RESET
0151 BC (d0)
0152 + DC 07-F0 MDP_XRT_ARS_DIS
0153 BC (d5)
0154 + DC 07-F0 MDP_XRT_FLD_RESET
0155 BC (da)
0156 . C. ----- Success Verify ? OK / NG ____
0157 C.
0158 C.
0159 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0160 C.
0161 +. DC 07-F0 MDP_XRT_MODE_OBSV
0162 BC (c2)
0163 +. TI 2012-08-09 10:19:02.0
0164 DC 07-F0 MDP_XRT_MODE_OBSV
0165 BC (c2)
0166 . C. ----- Success Verify ? OK / NG ____
0167 C.
0168 C. ***** XRT END *****
0169 . C. *****
0170 C. SOT table upload
0171 C. *****
0172 . C. < Stop FG table >
0173 +. DC 07-F0 MDP_FG_CTRL_MANU
0174 BC (51)
0175 . C. -----
0176 C. MDP_FG_CTRL_MODE = MANU [ ]
0177 C. -----
0178 C.
0179 . C. <Upload FG Observation Table>
0180 . S. RAM ram-265:MDP_OBS_F
0181 ( )
0182 C.
0183 . C. < Dump RAMID=MDP_OBS_F >
0184 +. DC 07-F0 MDP_DUMP_FGTBL
0185 BC (82 07 00 00 00 38 b8)
0186 C. -----
0187 C. MDP_OBS_F verify = OK/NG [ ]
0188 C. -----
0189 C.
0190 . C. < Resume FG table (auto mode) >
0191 +. DC 07-F0 MDP_FG_CTRL_AUTO
0192 BC (50)
0193 . C. -----

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```
0194 C. MDP_FG_CTRL_MODE = AUTO [ ]
0195 C. -----
0196 C.
0197 C. *****
0198 C. SOT TI command set
0199 C. *****
0200 C. Execute, after the success of TBL upload.
0201 +. TI 2012-08-09 10:19:18.0
0202 DC 07-F0 MDP_SOT_MODE_OBSV
0203 BC (40)
0204 . C. -----
0205 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0206 C. -----
0207 C.
0208 C. Only when FG_CTRL_AUTO is used in RT.
0209 +. TI 2012-08-09 10:19:20.0
0210 DC 07-F0 MDP_FG_CTRL_AUTO
0211 BC (50)
0212 . C. -----
0213 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0214 C. -----
0215 C. ***** SOT END *****
0216 C.
0217 . C. ***** MDP 'úÃîâî»ö¼ÝðËÂð¹æDCBC•x²è *****
0218 C. (¼âºîÝÓÝÄÝÈÝÞÝËÝáÝçÝèæ¼¼¼¼¼»Û¹æè)
0219 . S. DC-BC dcbc-402:DCBC
0220 (MDP_known_event)
0221 C.
0222 C.
0223 . C. ***** ÝÐÝ¹•Ï Daily±¿ÎÑæÉ'Ø¹æèDCBC•x²è *****
0224 . S. DC-BC dcbc-153:DCBC
0225 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0226 C.
0227 C.
0228 . C. ;ãLOSÝÄÝ§ÝÃÝ⁻¼Ä»Û;ã
0229 C.
0230 . C. ***** LOS *****
0231 C.
```

*** OP Sequence for XRT ***

| | | | | | | | | | |
|------------|------------|---|---|-------|----|----|----|----|----|
| 2012/08/09 | 10:30:00.0 | AOCS_ORe-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 | 00 | 00 | 00 | 00 |
| 2012/08/09 | 14:00:00.5 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 03 | 00 | 00 | 00 | 00 |
| 2012/08/09 | 17:00:00.0 | AOCS_ORe-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 53 | 8d |
| 2012/08/09 | 20:00:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 03 | 00 | 00 | 00 | 00 |
| 2012/08/10 | 00:00:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2012/08/10 | 00:00:02.0 | XRT_TCIB_XRT_S_HTR_A_DIS_401_OG [0x191] | | | | | | | |
| | | TCIB_XRT_S_HTR_A_DIS | 0 | 04-C0 | | | | | |
| 2012/08/10 | 06:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2012/08/10 | 06:09:56.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2012/08/10 | 06:10:00.5 | AOCS_ORe-point_Start_4_OG [0x09a] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| 2012/08/10 | 06:10:16.0 | XRT_FLD_DIS_404_OG [0x194] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2012/08/10 | 06:10:18.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2012/08/10 | 06:10:20.0 | XRT_ARS_DIS_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2012/08/10 | 06:12:58.0 | XRT_QT_PROG_SET_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 01 | | | |
| 2012/08/10 | 06:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2012/08/10 | 06:19:54.0 | XRT_CTRL_MANU_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2012/08/10 | 06:20:00.0 | AOCS_ORe-point_Start_5_OG [0x09b] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 2e | f9 | 2e | f9 |
| 2012/08/10 | 06:22:32.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2012/08/10 | 06:22:52.0 | XRT_QT_PROG_SET_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 02 | | | |
| 2012/08/10 | 06:22:54.0 | XRT_FLD_DIS_404_OG [0x194] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2012/08/10 | 06:22:56.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2012/08/10 | 06:22:58.0 | XRT_ARS_DIS_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2012/08/10 | 06:23:00.0 | XRT_CTRL_AUTO_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2012/08/10 | 06:29:54.0 | XRT_CTRL_MANU_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2012/08/10 | 06:30:00.0 | AOCS_ORe-point_Start_6_OG [0x09c] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 2e | f9 | d1 | 07 |
| 2012/08/10 | 06:32:32.0 | XRT_ROI_A_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 05 | 85 | 83 | 06 |
| | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 06 | 80 | 80 | 20 |
| | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 07 | 80 | 80 | 20 |
| | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 08 | 80 | 80 | 20 |
| | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 09 | 85 | 83 | 06 |
| | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 0a | 40 | c0 | 10 |
| | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 0b | 40 | 40 | 10 |
| | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 0c | c0 | 40 | 10 |
| 2012/08/10 | 06:32:32.5 | XRT_ROI_B_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 0c | c0 | 40 | 10 |
| | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 0d | 80 | 60 | 20 |
| | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 0e | a0 | 80 | 18 |
| | | MDP_XRT_ROI_SET | 6 | 07-F0 | cd | 0f | 80 | 80 | 06 |
| 2012/08/10 | 06:32:37.5 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2012/08/10 | 06:32:57.5 | XRT_QT_PROG_SET_416_OG [0x1a0] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 03 | | | |
| 2012/08/10 | 06:32:59.5 | XRT_FLD_DIS_404_OG [0x194] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2012/08/10 | 06:33:01.5 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2012/08/10 | 06:33:03.5 | XRT_ARS_DIS_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2012/08/10 | 06:33:05.5 | XRT_CTRL_AUTO_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2012/08/10 | 06:39:54.0 | XRT_CTRL_MANU_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2012/08/10 | 06:40:00.0 | AOCS_ORe-point_Start_7_OG [0x09d] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | d1 | 07 | d1 | 07 |
| 2012/08/10 | 06:42:32.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2012/08/10 | 06:42:52.0 | XRT_QT_PROG_SET_417_OG [0x1a1] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 04 | | | |
| 2012/08/10 | 06:42:54.0 | XRT_FLD_DIS_404_OG [0x194] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2012/08/10 | 06:42:56.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2012/08/10 | 06:42:58.0 | XRT_ARS_DIS_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2012/08/10 | 06:43:00.0 | XRT_CTRL_AUTO_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2012/08/10 | 06:49:54.0 | XRT_CTRL_MANU_409_OG [0x199] | | | | | | | |

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|------------|------------|------------------------------------|---------------------|---|-------|----------------|--|--|--|
| 2012/08/10 | 06:50:00.0 | AOCS_ORe-point_Start_8_OG [0x09e] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| | | | AOCU_NM | 5 | 02-76 | 00 d1 07 2e f9 | | | |
| 2012/08/10 | 06:52:32.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | |
| 2012/08/10 | 06:52:52.0 | XRT_QT_PROG_SET_418_OG [0x1a2] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 05 | | | |
| 2012/08/10 | 06:52:54.0 | XRT_FLD_DIS_404_OG [0x194] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | |
| 2012/08/10 | 06:52:56.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | |
| 2012/08/10 | 06:52:58.0 | XRT_ARS_DIS_412_OG [0x19c] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2012/08/10 | 06:53:00.0 | XRT_CTRL_AUTO_413_OG [0x19d] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2012/08/10 | 06:59:54.0 | XRT_CTRL_MANU_419_OG [0x1a3] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2012/08/10 | 07:00:00.0 | AOCS_ORe-point_Start_9_OG [0x09f] | AOCU_NM | 5 | 02-76 | 00 ac 00 00 00 | | | |
| 2012/08/10 | 07:14:28.0 | XRT_FOCUS_POSITION_420_OG [0x1a4] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | |
| 2012/08/10 | 07:14:48.0 | XRT_FLD_DIS_421_OG [0x1a5] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | |
| 2012/08/10 | 07:14:50.0 | XRT_FLRCTRL_DIS_422_OG [0x1a6] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | |
| 2012/08/10 | 07:14:52.0 | XRT_AEC_RESET_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2012/08/10 | 07:14:54.0 | XRT_ARS_DIS_412_OG [0x19c] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2012/08/10 | 07:14:56.0 | XRT_FLD_RESET_424_OG [0x1a8] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2012/08/10 | 07:14:58.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 06 | | | |
| 2012/08/10 | 07:15:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2012/08/10 | 08:59:54.0 | XRT_CTRL_MANU_419_OG [0x1a3] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2012/08/10 | 09:00:00.0 | AOCS_ORe-point_Start_10_OG [0x0a0] | AOCU_NM | 5 | 02-76 | 00 00 00 54 00 | | | |
| 2012/08/10 | 09:14:28.0 | XRT_FOCUS_POSITION_420_OG [0x1a4] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | |
| 2012/08/10 | 09:14:48.0 | XRT_FLD_DIS_421_OG [0x1a5] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | |
| 2012/08/10 | 09:14:50.0 | XRT_FLRCTRL_DIS_422_OG [0x1a6] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | |
| 2012/08/10 | 09:14:52.0 | XRT_AEC_RESET_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2012/08/10 | 09:14:54.0 | XRT_ARS_DIS_412_OG [0x19c] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2012/08/10 | 09:14:56.0 | XRT_FLD_RESET_424_OG [0x1a8] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2012/08/10 | 09:14:58.0 | XRT_QT_PROG_SET_426_OG [0x1aa] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 07 | | | |
| 2012/08/10 | 09:15:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2012/08/10 | 11:00:00.0 | AOCS_ORe-point_Start_11_OG [0x0a1] | AOCU_NM | 5 | 02-76 | 01 00 00 00 00 | | | |
| 2012/08/10 | 11:02:30.0 | XRT_CTRL_MANU_427_OG [0x1ab] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2012/08/10 | 11:02:32.0 | XRT_FOCUS_POSITION_420_OG [0x1a4] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | |
| 2012/08/10 | 11:02:52.0 | XRT_FLD_ENA_428_OG [0x1ac] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2012/08/10 | 11:02:54.0 | XRT_FLRCTRL_ENA_429_OG [0x1ad] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2012/08/10 | 11:02:56.0 | XRT_AEC_RESET_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2012/08/10 | 11:02:58.0 | XRT_ARS_DIS_412_OG [0x19c] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2012/08/10 | 11:03:00.0 | XRT_FLD_RESET_424_OG [0x1a8] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2012/08/10 | 11:03:02.5 | XRT_QT_PROG_SET_430_OG [0x1ae] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 08 | | | |
| 2012/08/10 | 11:03:05.0 | XRT_FL_PROG_SET_431_OG [0x1af] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 09 | | | |
| 2012/08/10 | 11:03:08.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2012/08/10 | 12:17:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2012/08/10 | 12:17:02.0 | XRT_FLD_RESET_424_OG [0x1a8] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2012/08/10 | 12:17:04.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2012/08/10 | 12:20:14.0 | XRT_PREFLR_STOP_433_OG [0x1b1] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2012/08/10 | 12:41:00.0 | XRT_Custom_434_OG [0x1b2] | | | | | | | |
| 2012/08/10 | 12:42:00.0 | XRT_CTRL_AUTO_413_OG [0x19d] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2012/08/10 | 13:55:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2012/08/10 | 13:55:32.0 | XRT_FLD_RESET_424_OG [0x1a8] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2012/08/10 | 13:55:34.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | | | | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|--|
| 2012/08/10 | 13:58:44.0 | XRT_PREFLR_STOP_433_OG [0x1b1] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2012/08/10 | 14:31:00.0 | XRT_Custom_434_OG [0x1b2] | | | | | | |
| 2012/08/10 | 14:32:00.0 | XRT_CTRL_AUTO_413_OG [0x19d] | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2012/08/10 | 14:59:54.0 | XRT_CTRL_MANU_427_OG [0x1ab] | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2012/08/10 | 14:59:56.0 | XRT_FOCUS_POSITION_420_OG [0x1a4] | | | | | | |
| | | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | |
| 2012/08/10 | 15:00:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | |
| | | | AOCU_NM | 5 | 02-76 | 03 00 00 00 00 | | |
| 2012/08/10 | 15:00:16.0 | XRT_FLD_ENA_428_OG [0x1ac] | | | | | | |
| | | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2012/08/10 | 15:00:18.0 | XRT_FLRCTRL_ENA_429_OG [0x1ad] | | | | | | |
| | | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2012/08/10 | 15:00:20.0 | XRT_AEC_RESET_423_OG [0x1a7] | | | | | | |
| | | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2012/08/10 | 15:00:22.0 | XRT_ARS_DIS_412_OG [0x19c] | | | | | | |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2012/08/10 | 15:00:24.0 | XRT_FLD_RESET_424_OG [0x1a8] | | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2012/08/10 | 15:00:26.0 | XRT_QT_PROG_SET_430_OG [0x1ae] | | | | | | |
| | | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 08 | | |
| 2012/08/10 | 15:00:28.0 | XRT_FL_PROG_SET_431_OG [0x1af] | | | | | | |
| | | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 09 | | |
| 2012/08/10 | 15:00:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2012/08/10 | 15:34:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2012/08/10 | 15:34:02.0 | XRT_FLD_RESET_424_OG [0x1a8] | | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2012/08/10 | 15:34:04.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2012/08/10 | 15:37:14.0 | XRT_PREFLR_STOP_433_OG [0x1b1] | | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2012/08/10 | 16:19:30.0 | XRT_Custom_434_OG [0x1b2] | | | | | | |
| 2012/08/10 | 16:20:30.0 | XRT_CTRL_AUTO_413_OG [0x19d] | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2012/08/10 | 17:12:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2012/08/10 | 17:12:32.0 | XRT_FLD_RESET_424_OG [0x1a8] | | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2012/08/10 | 17:12:34.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2012/08/10 | 17:15:44.0 | XRT_PREFLR_STOP_433_OG [0x1b1] | | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2012/08/10 | 17:58:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2012/08/10 | 17:58:26.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | | | | |
| | | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | |
| 2012/08/10 | 17:58:30.0 | AOCS_ORe-point_Start_4_OG [0x09a] | | | | | | |
| | | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | |
| 2012/08/10 | 17:58:46.0 | XRT_FLD_DIS_404_OG [0x194] | | | | | | |
| | | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | |
| 2012/08/10 | 17:58:48.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | | | | |
| | | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | |
| 2012/08/10 | 17:58:50.0 | XRT_ARS_DIS_406_OG [0x196] | | | | | | |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2012/08/10 | 18:01:28.0 | XRT_QT_PROG_SET_407_OG [0x197] | | | | | | |
| | | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 01 | | |
| 2012/08/10 | 18:01:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2012/08/10 | 18:12:09.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2012/08/10 | 18:12:11.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | | | | |
| | | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | |
| 2012/08/10 | 18:12:31.0 | XRT_FLD_DIS_404_OG [0x194] | | | | | | |
| | | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | |
| 2012/08/10 | 18:12:33.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | | | | |
| | | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | |
| 2012/08/10 | 18:12:35.0 | XRT_ARS_DIS_406_OG [0x196] | | | | | | |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2012/08/10 | 18:15:13.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | | | | | | |
| | | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0a | | |
| 2012/08/10 | 18:15:15.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | |
| | | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2012/08/10 | 18:51:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2012/08/10 | 18:51:02.0 | XRT_FLD_RESET_424_OG [0x1a8] | | | | | | |
| | | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2012/08/10 | 18:51:04.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | | | | | | |
| | | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2012/08/10 | 18:54:14.0 | XRT_PREFLR_STOP_433_OG [0x1b1] | | | | | | |
| | | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2012/08/10 | 18:58:30.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | |
| | | | AOCU_NM | 5 | 02-76 | 03 00 00 00 00 | | |
| 2012/08/10 | 19:33:30.0 | XRT_CTRL_MANU_427_OG [0x1ab] | | | | | | |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2012/08/10 | 19:33:32.0 | XRT_FOCUS_POSITION_420_OG [0x1a4] | | | | | | |
| | | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | |
| 2012/08/10 | 19:33:52.0 | XRT_FLD_ENA_428_OG [0x1ac] | | | | | | |
| | | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |

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|------------|------------|------------------------------------|---|-------|----------------|
| 2012/08/10 | 19:33:54.0 | XRT_FLRCTRL_ENA_429_OG [0x1ad] | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2012/08/10 | 19:33:56.0 | XRT_AEC_RESET_423_OG [0x1a7] | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2012/08/10 | 19:33:58.0 | XRT_ARS_DIS_412_OG [0x19c] | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2012/08/10 | 19:34:00.0 | XRT_FLD_RESET_424_OG [0x1a8] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2012/08/10 | 19:34:02.0 | XRT_QT_PROG_SET_430_OG [0x1ae] | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 08 |
| 2012/08/10 | 19:34:04.0 | XRT_FL_PROG_SET_431_OG [0x1af] | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 09 |
| 2012/08/10 | 19:34:06.5 | XRT_CTRL_AUTO_408_OG [0x198] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2012/08/10 | 20:29:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2012/08/10 | 20:29:32.0 | XRT_FLD_RESET_424_OG [0x1a8] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2012/08/10 | 20:29:34.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2012/08/10 | 20:32:44.0 | XRT_PREFLR_STOP_433_OG [0x1b1] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2012/08/10 | 21:10:30.0 | XRT_Custom_434_OG [0x1b2] | | | |
| 2012/08/10 | 21:11:30.0 | XRT_CTRL_AUTO_413_OG [0x19d] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2012/08/10 | 22:08:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2012/08/10 | 22:08:02.0 | XRT_FLD_RESET_424_OG [0x1a8] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2012/08/10 | 22:08:04.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2012/08/10 | 22:11:14.0 | XRT_PREFLR_STOP_433_OG [0x1b1] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2012/08/10 | 22:46:00.0 | XRT_Custom_434_OG [0x1b2] | | | |
| 2012/08/10 | 22:47:00.0 | XRT_CTRL_AUTO_413_OG [0x19d] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2012/08/10 | 23:46:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2012/08/10 | 23:46:32.0 | XRT_FLD_RESET_424_OG [0x1a8] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2012/08/10 | 23:46:34.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2012/08/10 | 23:49:44.0 | XRT_PREFLR_STOP_433_OG [0x1b1] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2012/08/11 | 00:10:30.0 | XRT_Custom_434_OG [0x1b2] | | | |
| 2012/08/11 | 00:11:30.0 | XRT_CTRL_AUTO_413_OG [0x19d] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2012/08/11 | 01:25:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2012/08/11 | 01:25:02.0 | XRT_FLD_RESET_424_OG [0x1a8] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2012/08/11 | 01:25:04.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2012/08/11 | 01:28:14.0 | XRT_PREFLR_STOP_433_OG [0x1b1] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2012/08/11 | 01:48:30.0 | XRT_Custom_434_OG [0x1b2] | | | |
| 2012/08/11 | 01:49:30.0 | XRT_CTRL_AUTO_413_OG [0x19d] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2012/08/11 | 03:01:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2012/08/11 | 03:01:02.0 | XRT_FLD_RESET_424_OG [0x1a8] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2012/08/11 | 03:01:04.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2012/08/11 | 03:04:14.0 | XRT_PREFLR_STOP_433_OG [0x1b1] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2012/08/11 | 03:27:00.0 | XRT_Custom_434_OG [0x1b2] | | | |
| 2012/08/11 | 03:28:00.0 | XRT_CTRL_AUTO_413_OG [0x19d] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2012/08/11 | 04:31:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2012/08/11 | 04:31:02.0 | XRT_FLD_RESET_424_OG [0x1a8] | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2012/08/11 | 04:31:04.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2012/08/11 | 04:34:14.0 | XRT_PREFLR_STOP_433_OG [0x1b1] | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2012/08/11 | 05:10:24.0 | XRT_CTRL_MANU_402_OG [0x192] | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2012/08/11 | 05:10:26.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2012/08/11 | 05:10:30.0 | AOCS_Or-e-point_Start_4_OG [0x09a] | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2012/08/11 | 05:10:46.0 | XRT_FLD_DIS_404_OG [0x194] | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2012/08/11 | 05:10:48.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2012/08/11 | 05:10:50.0 | XRT_ARS_DIS_406_OG [0x196] | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2012/08/11 | 05:13:28.0 | XRT_QT_PROG_SET_407_OG [0x197] | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 01 |
| 2012/08/11 | 05:13:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|
| 2012/08/11 | 05:23:30.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2012/08/11 | 05:23:32.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2012/08/11 | 05:23:52.0 | XRT_FLD_DIS_404_OG [0x194] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2012/08/11 | 05:23:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2012/08/11 | 05:23:56.0 | XRT_ARS_DIS_406_OG [0x196] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2012/08/11 | 05:26:34.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0a |
| 2012/08/11 | 05:26:36.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2012/08/11 | 06:10:24.0 | XRT_CTRL_MANU_427_OG [0x1ab] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2012/08/11 | 06:10:26.0 | XRT_FOCUS_POSITION_420_OG [0x1a4] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2012/08/11 | 06:10:30.0 | AOCS_Ore-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 03 00 00 00 00 |
| 2012/08/11 | 06:10:46.0 | XRT_FLD_ENA_428_OG [0x1ac] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2012/08/11 | 06:10:48.0 | XRT_FLRCTRL_ENA_429_OG [0x1ad] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2012/08/11 | 06:10:50.0 | XRT_AEC_RESET_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2012/08/11 | 06:10:52.0 | XRT_ARS_DIS_412_OG [0x19c] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2012/08/11 | 06:10:54.0 | XRT_FLD_RESET_424_OG [0x1a8] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2012/08/11 | 06:10:56.0 | XRT_QT_PROG_SET_430_OG [0x1ae] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 08 |
| 2012/08/11 | 06:10:58.0 | XRT_FL_PROG_SET_431_OG [0x1af] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 09 |
| 2012/08/11 | 06:11:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2012/08/11 | 06:11:31.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2012/08/11 | 06:11:33.0 | XRT_FLD_RESET_424_OG [0x1a8] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2012/08/11 | 06:11:35.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2012/08/11 | 06:14:45.0 | XRT_PREFLR_STOP_433_OG [0x1b1] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2012/08/11 | 06:44:00.0 | XRT_Custom_434_OG [0x1b2] | | | | |
| 2012/08/11 | 06:45:00.0 | XRT_CTRL_AUTO_413_OG [0x19d] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2012/08/11 | 07:51:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2012/08/11 | 07:51:32.0 | XRT_FLD_RESET_424_OG [0x1a8] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2012/08/11 | 07:51:34.0 | XRT_PREFLR_STRT_432_OG [0x1b0] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2012/08/11 | 07:54:44.0 | XRT_PREFLR_STOP_433_OG [0x1b1] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2012/08/11 | 08:22:30.0 | XRT_Custom_434_OG [0x1b2] | | | | |
| 2012/08/11 | 08:23:30.0 | XRT_CTRL_AUTO_413_OG [0x19d] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2012/08/11 | 09:10:00.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2012/08/11 | 10:38:00.0 | AOCS_ORe-point_Start_4_OG [0x09a] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |