

XRT Timeline to be uploaded on 2011/11/10

Period: 2011/11/10 09:31:00 - 2011/11/15 09:19:00

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Normal mode

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| XOB #18BD: AR Standard-B(Morphology) with PFB, thin-Be + multifilter context, 384x384 at 1064 1048, 60s-cad | | | | | | | | | | | | |
|---|-----------------------|------------------|---|-------|-------|-----|-----|----------------------|-------|------------|----------|---------|
| Term | Pointing (x, y) | | Comment | | | | | | | | | |
| 11/10 09:56:30 - 11/10 17:53:24 | Track (418.5, 256.0) | @ 11/10 09:41:00 | # OP start + 10min, track AR 11339, with SUMER programs. | | | | | | | | | |
| 11/10 18:06:30 - 11/11 04:29:54 | Track (482.7, 258.7) | @ 11/10 18:03:30 | # Cont. | | | | | | | | | |
| 11/11 06:13:00 - 11/11 09:29:54 | Track (570.0, 263.0) | @ 11/11 06:10:00 | # Cont., with HOP 205, and with HOP 176 (VTT) from about 9:30 UT. | | | | | | | | | |
| PROG= 12 Inf.-time(s) | | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 19 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 | 63ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=98 | 0 | 0 | 2.0sec |
| └─ Seqn= 29 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-Al | close | Safe | Norm | 16.0s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| Al-poly/Open | Al-poly/thick-Be | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| C-poly/Open | C-poly/thick-Al | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| med-Be/Open | med-Be/Open | close | Safe | Norm | 16.0s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| med-Al/Open | med-Al/thick-Al | close | Safe | Norm | 16.0s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| └─ Subr= 2 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 31 30-time(s) 2.0sec | | | | | | | | | | | | |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 16.0s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 15.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 16.0s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 1 | 15.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 16.0s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 2 | 15.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 16.0s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 3 | 15.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

| XOB #18B0: Synoptic Q95 2x2 - Al/mesh(12/723) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(24/1443) + Thin-Be(88/2) | | | | | | | | | | | | |
|---|-------------------|-------|----------------------------|-------|-------|-----|-----|------------------------|-------|------------|----------|--------|
| Term | Pointing (x, y) | | Comment | | | | | | | | | |
| 11/10 17:56:30 - 11/10 18:03:24 | Fixed (0.0, 0.0) | | synoptic, shifted -6.5 min | | | | | | | | | |
| 11/11 06:03:00 - 11/11 06:09:54 | Fixed (0.0, 0.0) | | synoptic | | | | | | | | | |
| 11/11 18:00:00 - 11/11 18:06:54 | Fixed (0.0, 0.0) | | synoptic, shifted -3.0 min | | | | | | | | | |
| 11/12 06:33:00 - 11/12 06:39:54 | Fixed (0.0, 0.0) | | synoptic, shifted 30.0 min | | | | | | | | | |
| PROG= 08 1-time(s) | | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 12.0sec | | | | | | | | | | | | |
| └─ Seqn= 46 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= 69 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= 50 1-time(s) 2.0sec | | | | | | | | | | | | |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 86ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| thin-Be/Open | thin-Be/Open | close | Safe | Norm | 2.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| └─ Seqn= 4 1-time(s) 2.0sec | | | | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 16ms | 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 #17B8: Coronal cavity Al/mesh, Ti/poly, G-band-DPCM 2x2-768X768-FOV -AEC2-3min cadence | | | | | | | | | | | | |
|--|------------------------|-------|---|-------|-------|-----|-----|----------------------|-------|------------|----------|--------|
| Term | Pointing (x, y) | | Comment | | | | | | | | | |
| 11/11 04:33:00 - 11/11 05:59:54 | Fixed (703.0, 600.0) | | * HOP 205, off-limb pointing for calibration. | | | | | | | | | |
| 11/11 22:31:00 - 11/12 06:29:54 | Fixed (-726.0, 610.0) | | * Prominence observations, HOP 73. | | | | | | | | | |
| 11/12 06:43:00 - 11/12 09:06:00 | Fixed (-726.0, 610.0) | | # Cont. | | | | | | | | | |
| PROG= 15 Inf.-time(s) | | | | | | | | | | | | |
| └─ Subr= 2 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 6 1-time(s) 2.0sec | | | | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 63ms | Obs | 1x1 | 512x512 (1152, 1152) | Q=95 | 0 | 0 | 2.0sec |
| └─ Subr= 1 20-time(s) 180.0sec | | | | | | | | | | | | |
| └─ Seqn= 2 1-time(s) 2.0sec | | | | | | | | | | | | |
| Open/Al-mesh | Open/Ti-poly | close | Safe | Norm | 1.00s | Obs | 2x2 | 768x768 (1152, 1152) | DPCM | 2 | 0 | 2.0sec |
| └─ Seqn= 100 1-time(s) 2.0sec | | | | | | | | | | | | |
| Open/Ti-poly | Open/thick-Al | close | Safe | Norm | 4.00s | Obs | 2x2 | 768x768 (1152, 1152) | DPCM | 2 | 0 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

| XOB #1838: HOP 176 - Ti/poly - 1x1 - 384x384 - 1min cadence - AEC 1 - Q95 +context | | | | | | | | | | | | |
|--|-----------------|--|---------|--|--|--|--|--|--|--|--|--|
| Term | Pointing (x, y) | | Comment | | | | | | | | | |

PROG= 17 Inf.-time(s)

| | | | | | | | | | | | | | |
|-----------------|----------------|--------|------|-------|-------|-----|-----|--------------------|--------------|-------|------------|----------|---------|
| Subr= 1 | 1-time(s) | 2.0sec | | | | | | | | | | | |
| └─ Seqn= 49 | 1-time(s) | 2.0sec | | | | | | | | | | | |
| └─ Open/Ti-poly | Open/thick-Al | close | Safe | Norm | 2.00s | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Subr= 2 | 3-time(s) | 2.0sec | | | | | | | | | | | |
| └─ Seqn= 95 | 1-time(s) | 2.0sec | | | | | | | | | | | |
| └─ Open/G-band | Open/G-band | open | Safe | Norm | 16ms | Obs | 2x2 | 2048x2048 | (1024, 1024) | Q=90 | 0 | 0 | 2.0sec |
| └─ Seqn= 56 | 20-time(s) | 2.0sec | | | | | | | | | | | |
| └─ Open/Ti-poly | Open/thick-Al | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 | (1064, 1048) | Q=95 | 1 | 0 | 15.0sec |
| └─ Open/Ti-poly | Open/thick-Al | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 | (1064, 1048) | Q=95 | 1 | 1 | 15.0sec |
| └─ Open/Ti-poly | Open/thick-Al | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 | (1064, 1048) | Q=95 | 1 | 2 | 15.0sec |
| └─ Open/Ti-poly | Open/thick-Al | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 | (1064, 1048) | Q=95 | 1 | 3 | 15.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | | Comp. | AEC Buffer | Interval | |

XOB #174E: HOP81 2-filter - Ti/poly 8s, Al/mesh 4s, G-band - 384x384

| Term | Pointing (x, y) | Comment |
|---------------------------------|---------------------|------------------------------|
| 11/11 11:03:00 - 11/11 17:56:54 | Fixed (0.0, 880.0) | HOP 81, polar monitoring, N. |

PROG= 16 Inf.-time(s)

| | | | | | | | | | | | | | |
|-----------------|----------------|---------|------|-------|-------|-----|-----|--------------------|--------------|-------|------------|----------|--------|
| Subr= 1 | 1-time(s) | 2.0sec | | | | | | | | | | | |
| └─ Seqn= 51 | 1-time(s) | 2.0sec | | | | | | | | | | | |
| └─ Open/G-band | Open/G-band | open | Safe | Norm | 63ms | Obs | 1x1 | 384x384 | (1064, 1048) | Q=90 | 0 | 0 | 2.0sec |
| Subr= 2 | 30-time(s) | 2.0sec | | | | | | | | | | | |
| └─ Seqn= 58 | 2-time(s) | 30.0sec | | | | | | | | | | | |
| └─ Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 4.00s | Obs | 1x1 | 384x384 | (1064, 1048) | Q=90 | 0 | 0 | 2.0sec |
| └─ Open/Ti-poly | Open/Ti-poly | close | Safe | Norm | 8.00s | Obs | 1x1 | 384x384 | (1064, 1048) | Q=90 | 0 | 0 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | | Comp. | AEC Buffer | Interval | |

XOB #16AC: G-Band Alignment with North Pole Q90 2x2(G-band only) - 5min cadence - Partial Sun-wNGT

| Term | Pointing (x, y) | Comment |
|---------------------------------|---------------------|---------------------------|
| 11/11 18:10:00 - 11/11 20:06:54 | Fixed (0.0, 945.0) | # Co-alignment offset, N. |

PROG= 14 1-time(s)

| | | | | | | | | | | | | | |
|----------------|----------------|----------|------|-------|------|-----|-----|--------------------|-------------|-------|------------|----------|--------|
| Subr= 1 | 1-time(s) | 360.0sec | | | | | | | | | | | |
| └─ Seqn= 21 | 24-time(s) | 300.0sec | | | | | | | | | | | |
| └─ Open/G-band | Open/G-band | open | Safe | Norm | 16ms | 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 #16AD: G-Band Alignment with East limb Q90 2x2 (G-band only) - 8 min cadence-wNGT

| Term | Pointing (x, y) | Comment |
|---------------------------------|---------------------|---------------------------|
| 11/11 20:10:00 - 11/11 22:06:54 | Fixed (-945.0, 0.0) | * Co-alignment offset, E. |

PROG= 06 1-time(s)

| | | | | | | | | | | | | | |
|----------------|----------------|----------|------|-------|------|-----|-----|--------------------|--------------|-------|------------|----------|--------|
| Subr= 1 | 1-time(s) | 360.0sec | | | | | | | | | | | |
| └─ Seqn= 22 | 15-time(s) | 480.0sec | | | | | | | | | | | |
| └─ Open/G-band | Open/G-band | open | Safe | Norm | 16ms | 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 | |

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Flare mode

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XOB #18C2: Flare standard obs. multifilter - thin-Be + (med-Al,thick-Be) 384x384 + (Al-poly 512x512 2x2)-no interval context-12 loops

| Term | Pointing (x, y) | Comment |
|---------------------------------|--|---|
| 11/10 09:56:30 - 11/10 17:53:24 | Track (418.5, 256.0) @ 11/10 09:41:00 | # OP start + 10min, track AR 11339, with SUMER programs. |
| 11/10 18:06:30 - 11/11 04:29:54 | Track (482.7, 258.7) @ 11/10 18:03:30 | # Cont. |
| 11/11 04:33:00 - 11/11 05:59:54 | Fixed (703.0, 600.0) | * HOP 205, off-limb pointing for calibration. |
| 11/11 06:13:00 - 11/11 09:29:54 | Track (570.0, 263.0) @ 11/11 06:10:00 | # Cont., with HOP 205, and with HOP 176 (VTT) from about 9:30 UT. |
| 11/11 09:33:00 - 11/11 10:59:54 | Track (570.0, 263.0) @ 11/11 06:10:00 | # Cont., with HOP 205, and with HOP 176 (VTT) from about 9:30 UT. |
| 11/11 11:03:00 - 11/11 17:56:54 | Fixed (0.0, 880.0) | HOP 81, polar monitoring, N. |
| 11/11 22:31:00 - 11/12 06:29:54 | Fixed (-726.0, 610.0) | * Prominence observations, HOP 73. |
| 11/12 06:43:00 - 11/12 09:06:00 | Fixed (-726.0, 610.0) | # Cont. |

PROG= 03 12-time(s)

| | | | | | | | | | | | | | |
|------------------|------------------|---------|------|-------|-------|-----|-----|--------------------|--------------|-------|------------|----------|--------|
| Subr= 1 | 45-time(s) | 10.0sec | | | | | | | | | | | |
| └─ Seqn= 20 | 1-time(s) | 2.0sec | | | | | | | | | | | |
| └─ thin-Be/Open | med-Be/Open | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 | (1024, 1024) | Q=95 | 3 | 0 | 2.0sec |
| └─ Seqn= 63 | 1-time(s) | 2.0sec | | | | | | | | | | | |
| └─ med-Al/Open | med-Al/thick-Al | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 | (1024, 1024) | Q=95 | 3 | 0 | 2.0sec |
| └─ Open/thick-Be | Open/thick-Be | close | Safe | Norm | 2.00s | Obs | 1x1 | 384x384 | (1024, 1024) | Q=95 | 3 | 0 | 2.0sec |
| └─ Seqn= 77 | 1-time(s) | 2.0sec | | | | | | | | | | | |
| └─ Al-poly/Open | Al-poly/thick-Al | close | Safe | Norm | 125ms | Obs | 2x2 | 512x512 | (1024, 1024) | Q=95 | 2 | 0 | 2.0sec |
| Subr= 2 | 1-time(s) | 10.0sec | | | | | | | | | | | |
| └─ Seqn= 90 | 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 |
| 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

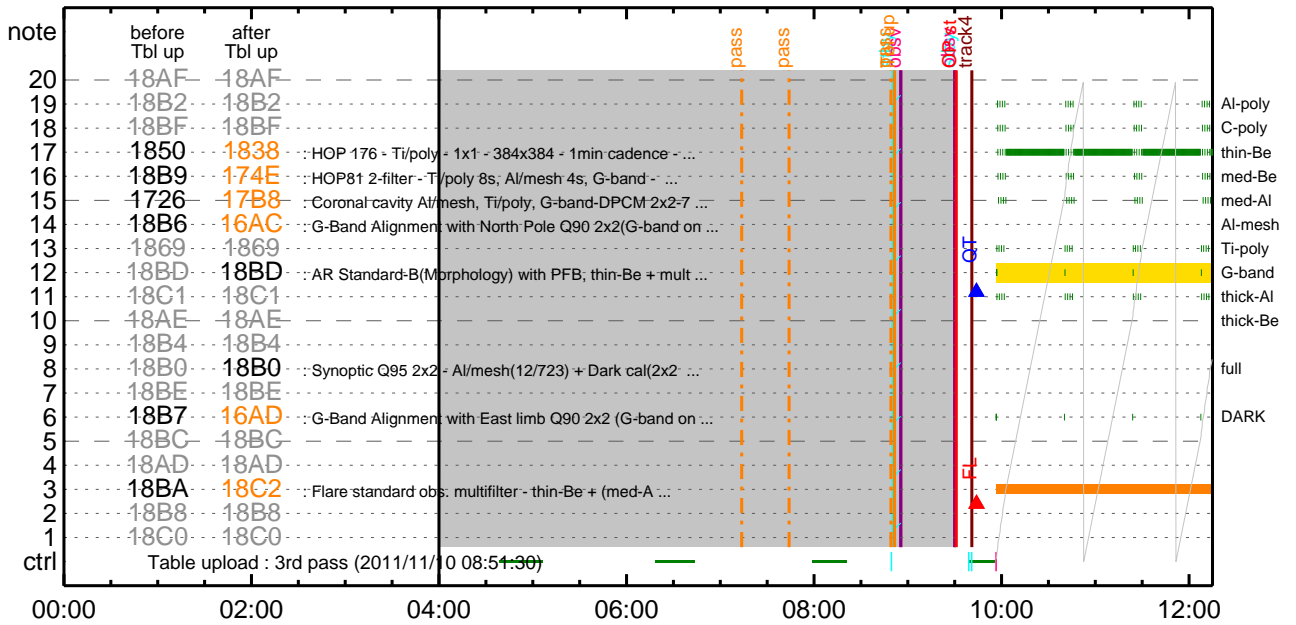
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Flare Detection

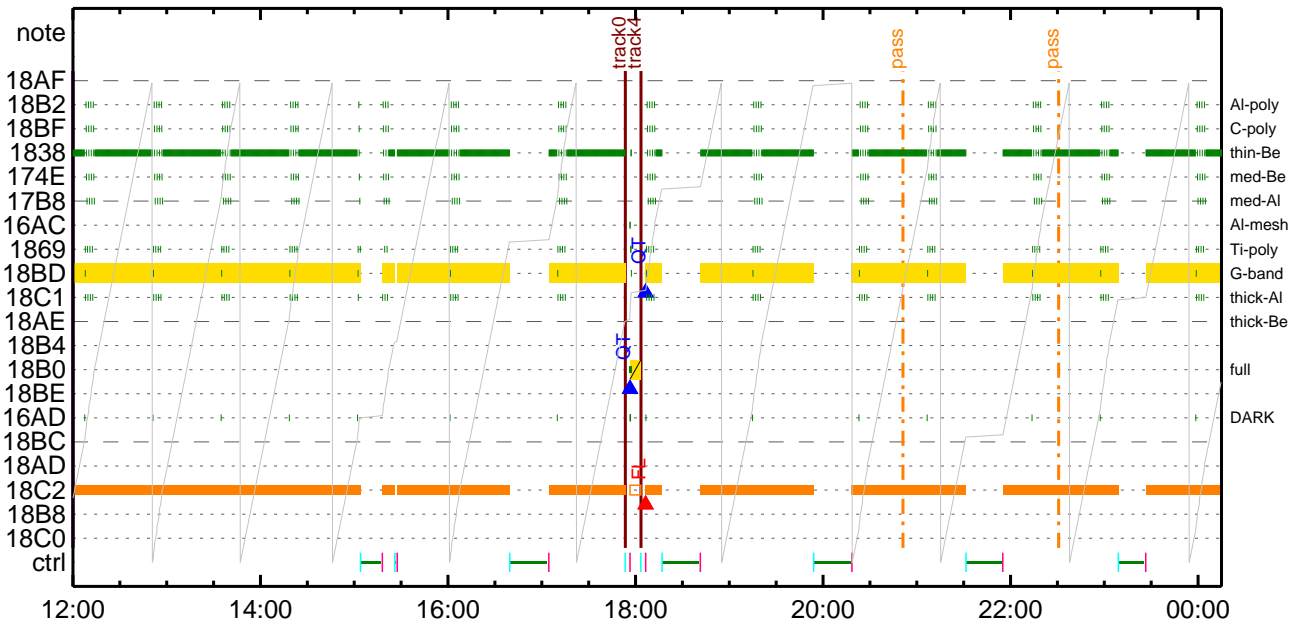
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| FLD Patrol | | | | | | | | | | | | |
|---------------------------------|--|-----------------|------|-------|------|-----|-----|---|--|-------|---------------------|--|
| Term | | Pointing (x, y) | | | | | | Comment | | | | |
| 11/10 18:03:46 - 11/11 06:00:16 | Track (482.7, 258.7) @ 11/10 18:03:30 | | | | | | | # Cont. | | | | |
| 11/11 06:10:16 - 11/11 17:57:16 | Track (570.0, 263.0) @ 11/11 06:10:00 | | | | | | | # Cont., with HOP 205, and with HOP 176 (VTT) from about 9:30 UT. | | | | |
| 11/11 22:07:16 - 11/12 06:30:16 | Fixed (-726.0, 610.0) | | | | | | | * Prominence observations, HOP 73. | | | | |
| 11/12 06:40:16 - 11/15 09:19:00 | Fixed (-726.0, 610.0) | | | | | | | # 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 | |

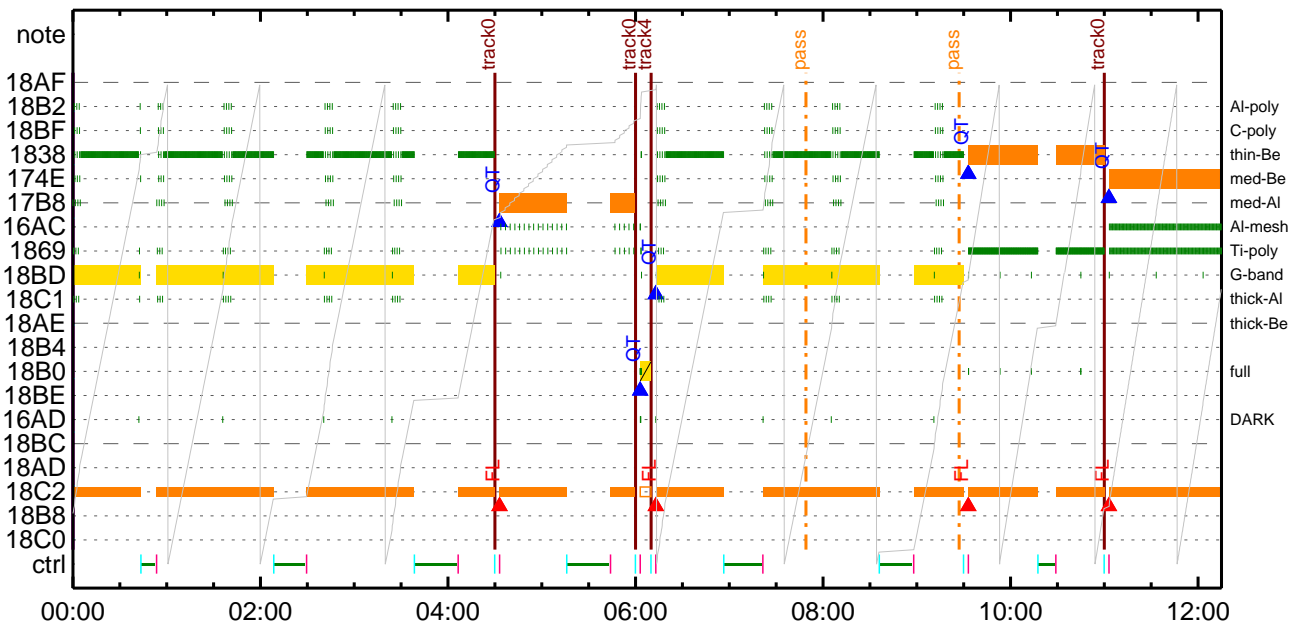
CMDI #0255 2011/11/10



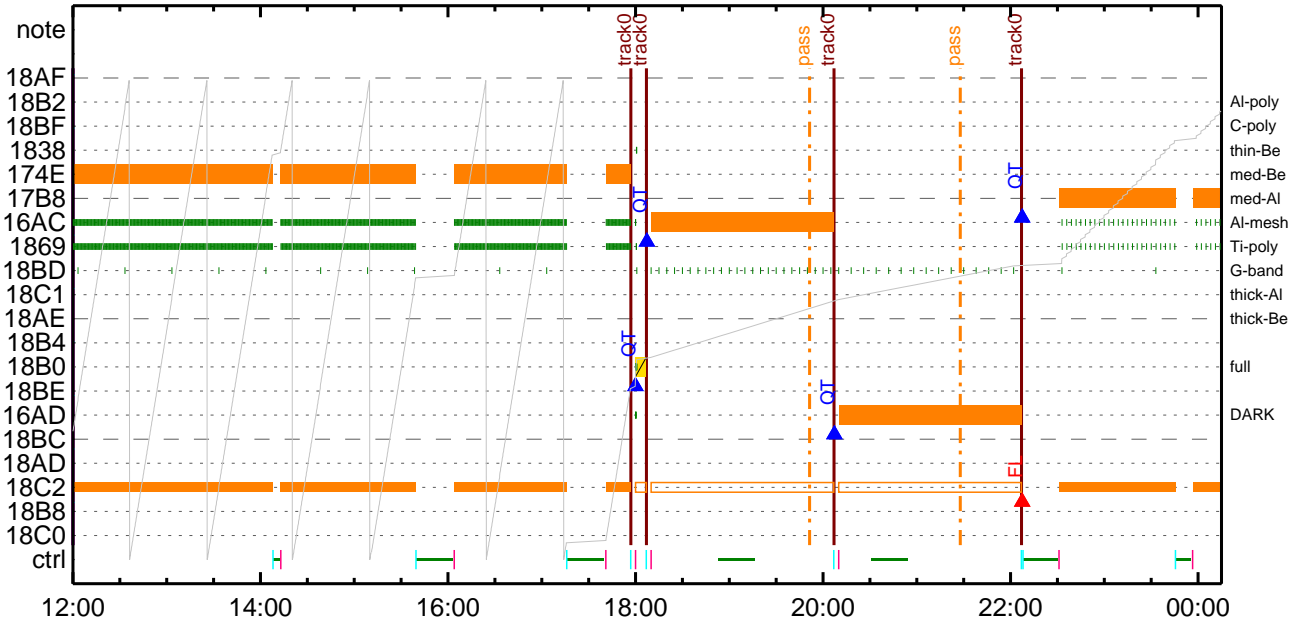
CMDI #0255 2011/11/10



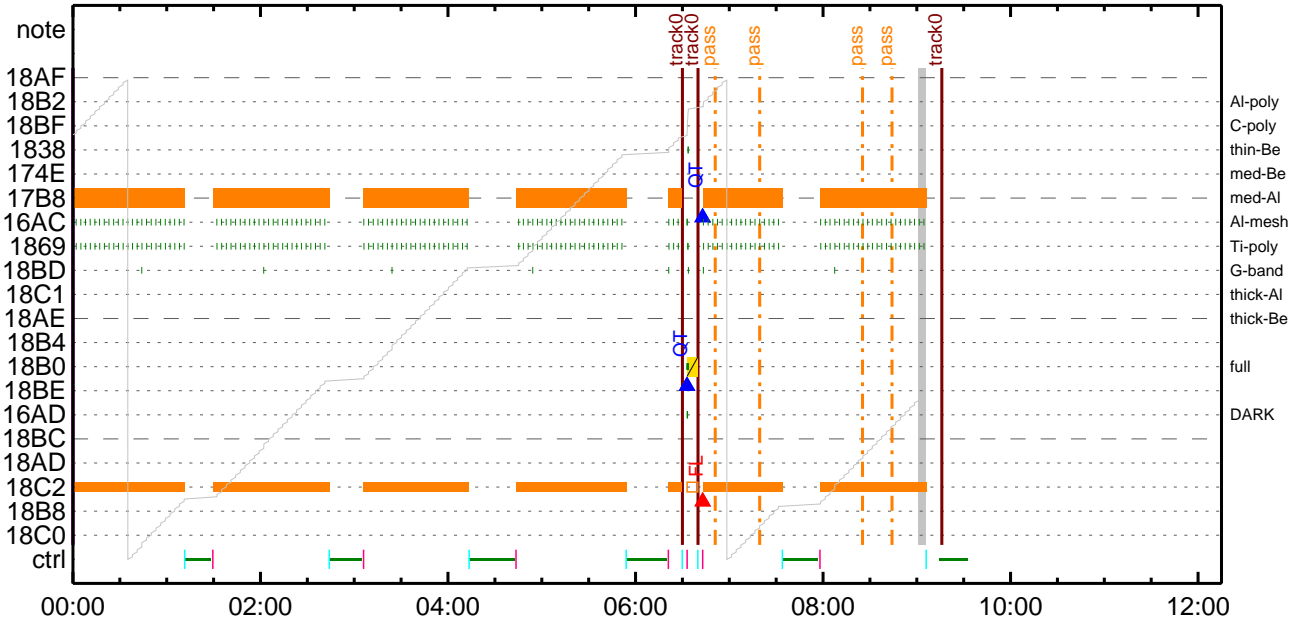
CMDI #0255 2011/11/11



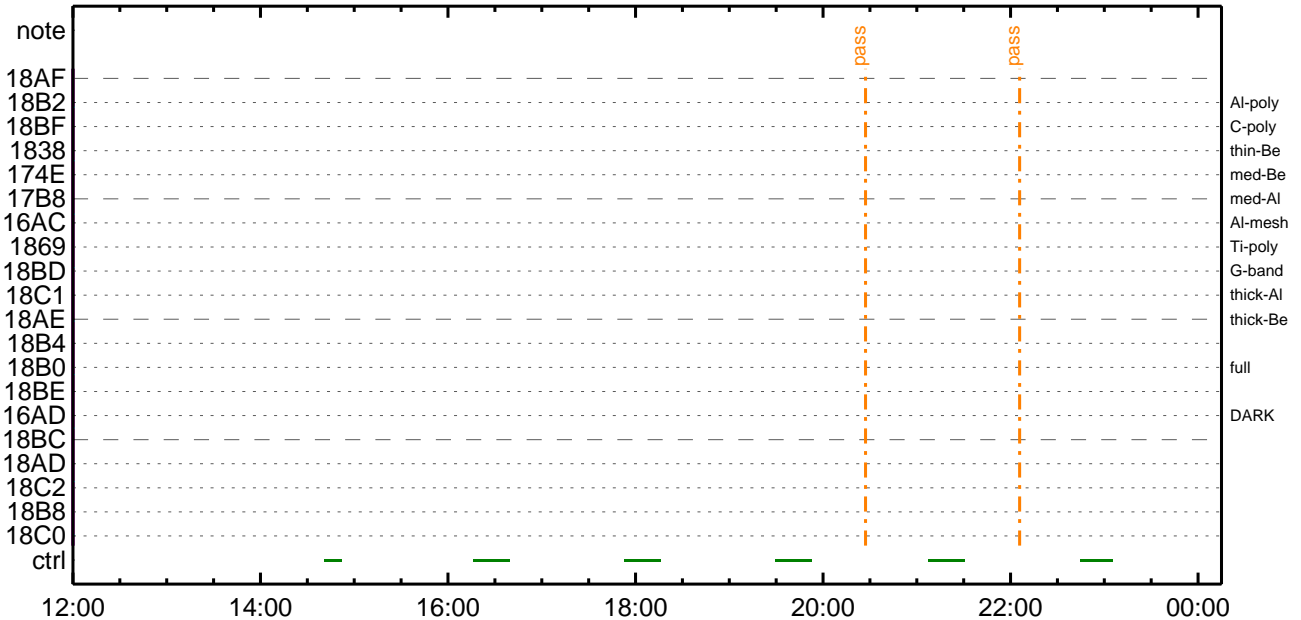
CMDI #0255 2011/11/11



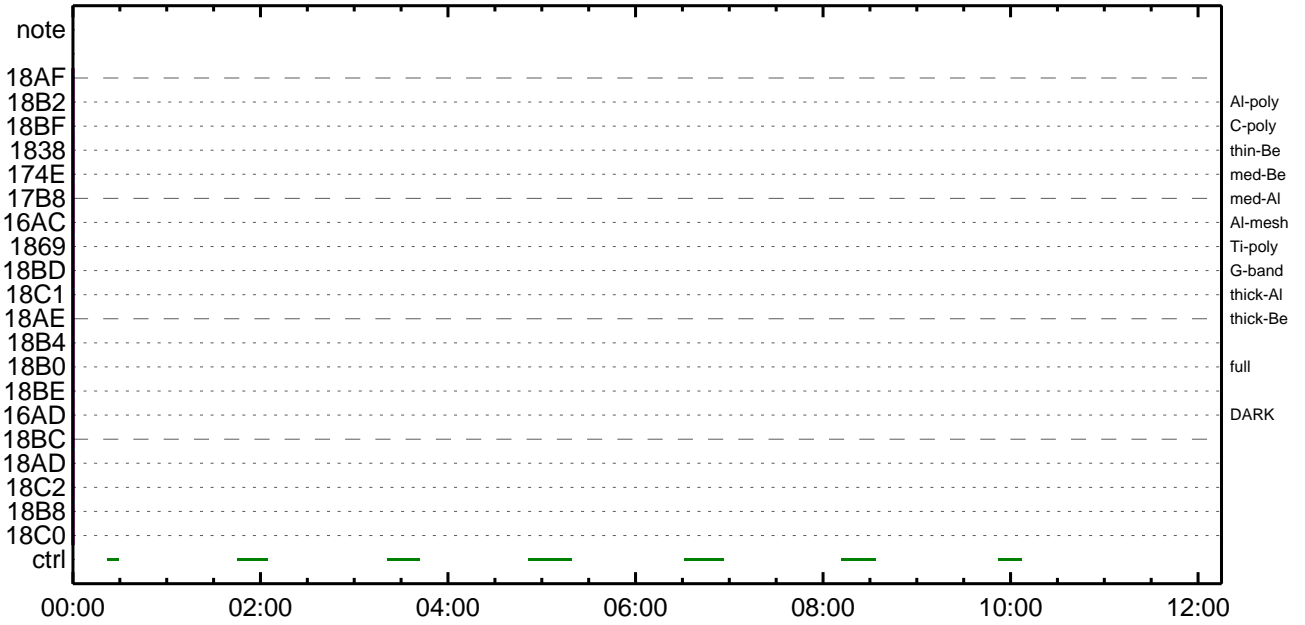
CMDI #0255 2011/11/12



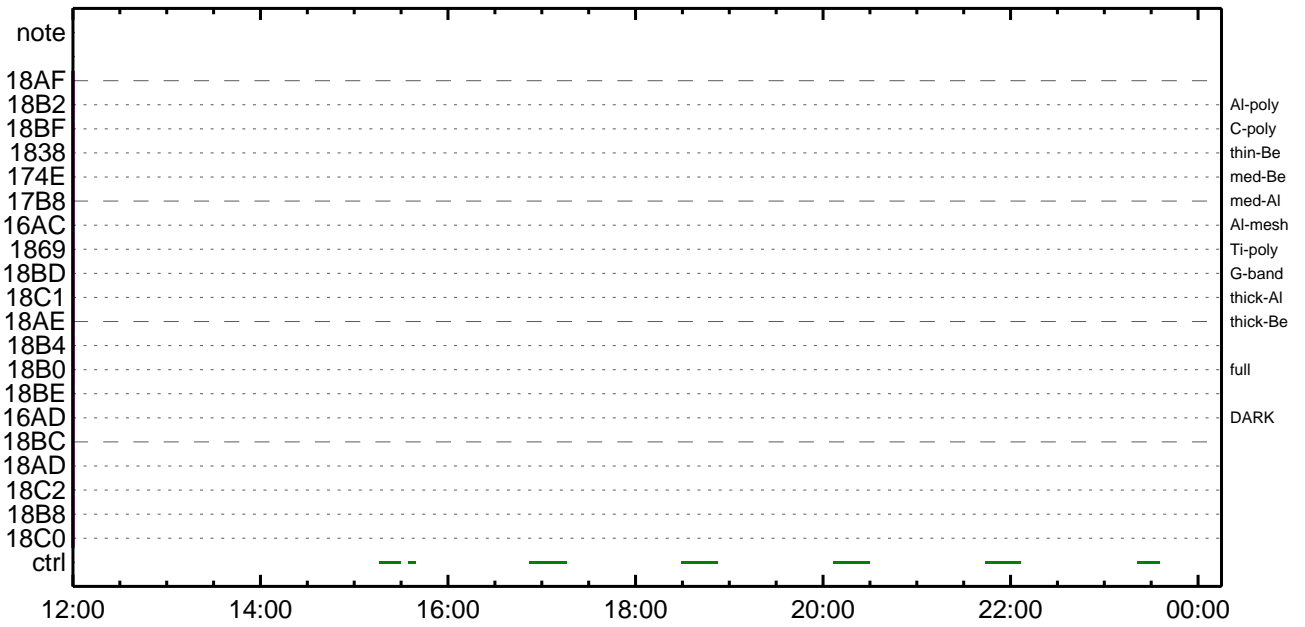
CMDI #0255 2011/11/12



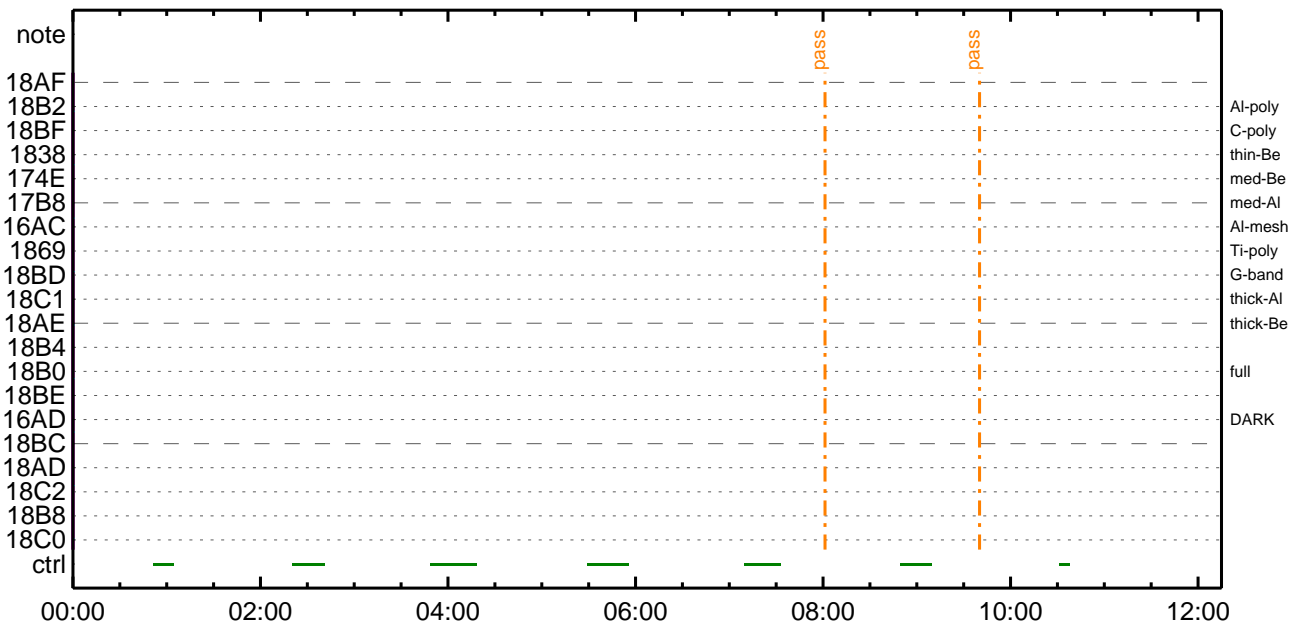
CMDI #0255 2011/11/13



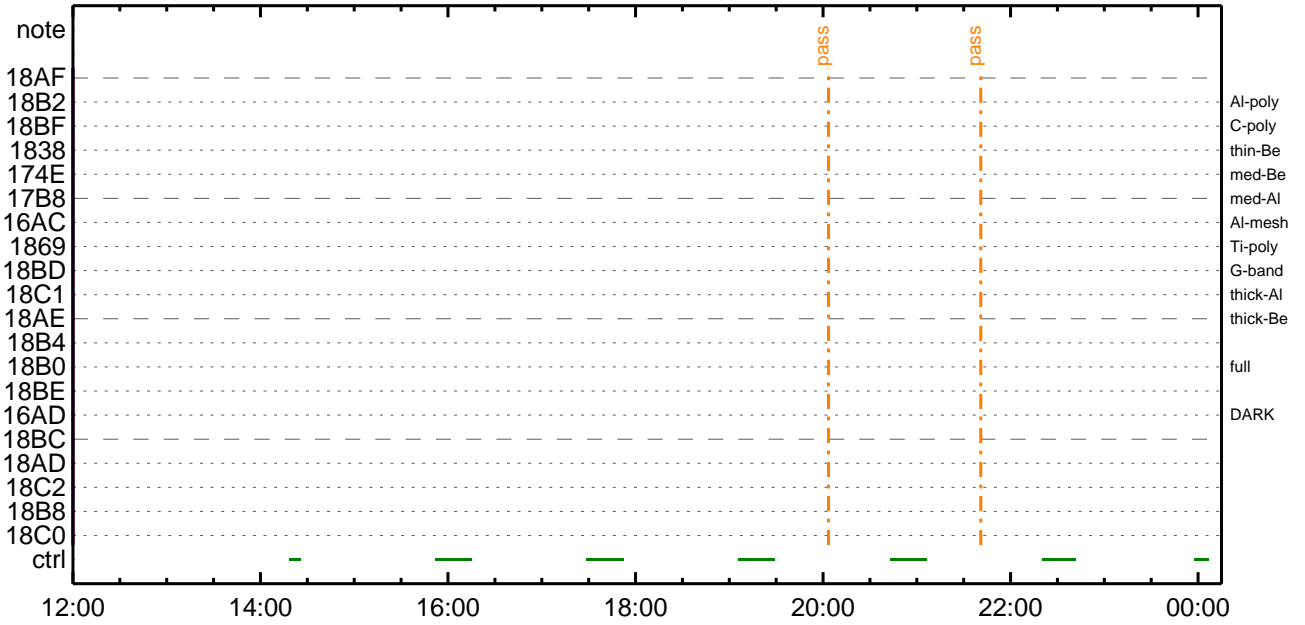
CMDI #0255 2011/11/13



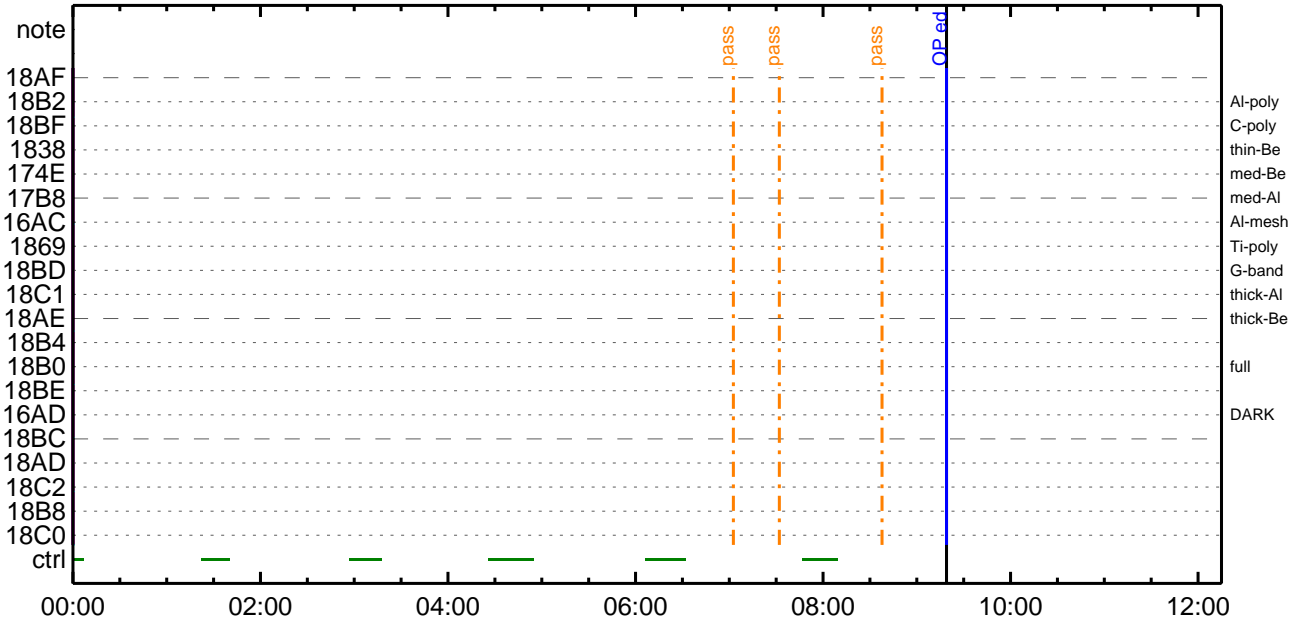
CMDI #0255 2011/11/14



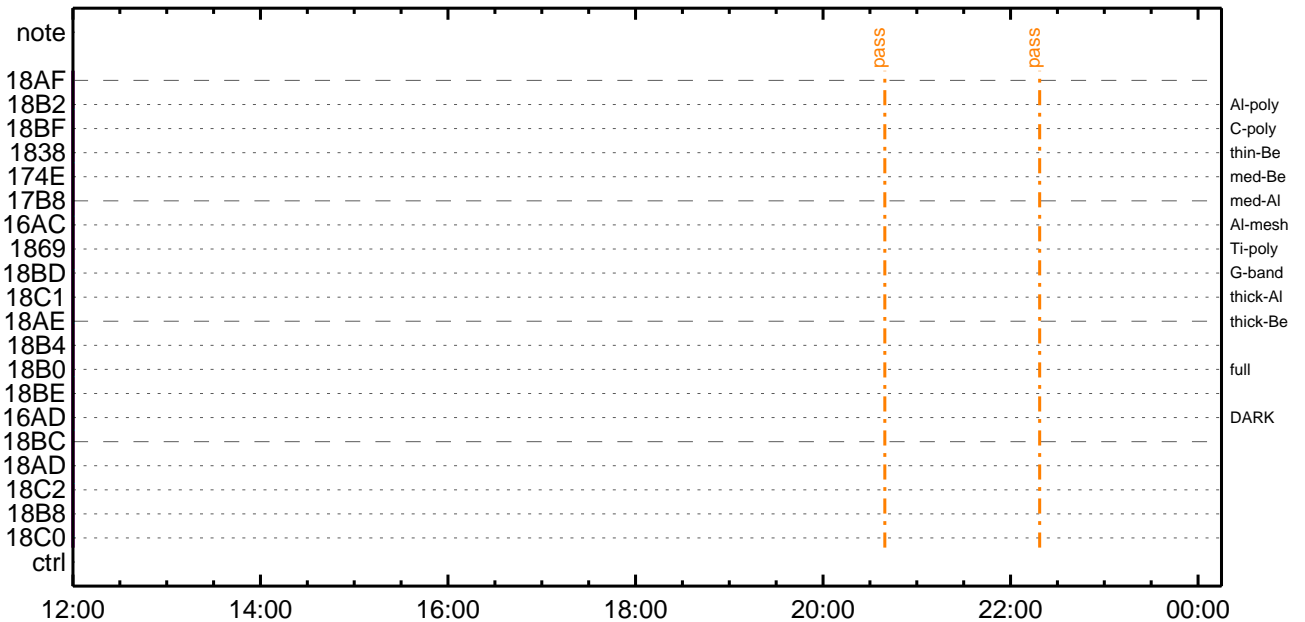
CMDI #0255 2011/11/14



CMDI #0255 2011/11/15



CMDI #0255 2011/11/15




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0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;|YAYOX
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-449:OP
0104 ( )
0105 S. OG og-449:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPfî°èYAYOX;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. YAYOXx½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG²î½E¹ç•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. YAYOXx½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG²î½E¹ç•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. YAYOXx½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OP²î½E¹ç•è²îOKò³îÇ§
0165 C.
0166 C. ***** °E²¼òî½A´¶Á°òEÉ-ò°Á÷¿@ (¼âµ-YAYOXx½ê½çòðÁÓÆòÇ¼ª°²òE¼î¹çòÇòâ) *****
0167 C. DHUYâ;4YE;E½Y½, Yî;4YE;Eòðîã¹
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 UPLOAD²-Á÷¿@NG²î½î¹ç;ç°E²¼òî½TI-CMDÁ÷¿@²î½Á¹Ô²°²E²ò²³òE;f
0180 C. ²²ò¿;çSET²EEDUMP²î½±°îYÑY¹²ç¹Ô²|²³òE;f
0181 C.
0182 C. TIY³Y²Y³Y²E²òðÁDî¿(UT)
0183 +. TI 2011-11-10 09:26:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2011-11-10 09:26:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2011-11-10 09:26:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

```

```

0194 C.
0195 +. TI 2011-11-10 09:30:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          çç[HK1_TI_CMD_NUM]                      EQ      1COUNTUP
0198 C.
0199 C. °È²¼αîÄè%îíñαîî¥Á¥§¥Á¥-¹àîü
0200 C.          çç[HK1_TI_CMD_ENA/DIS]                  EQ      ENA
0201 C.          çç[HK1_TI_CMD_NUM]                      EQ      4
0202 C.          çç[HK1_NEXT_EXEC_PIM]                   EQ      DHU
0203 C.          çç[HK1_NEXT_EXEC_DC]                    EQ      0xB3
0204 C.
0205 C. *****
0206 C. TIîî°è¥Á¥Ö¥×
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.          çç[HK1_DMP_TOP_ADRS_1]                  EQ      07
0213 C.          çç[HK1_DMP_TOP_ADRS_0]                  EQ      2B
0214 C.          çç[HK1_DMP_BLOCK_NUM]                   EQ      3
0215 C.          çç[HK1_DMP_REPEAT_NUM]                 EQ      0
0216 C.          çç[HK1_DMA_DMP_PIM]                    EQ      DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC      (07 0b f8)
0219 C.          çç[HK1_PKT_FORM_NO]                     EQ      7
0220 C.          çç[HK1_PKT_GEN_TIME]                    EQ      0.25 s
0221 C.          çç[HK1_S_TLM_BIT_RATE]                 EQ      32k
0222 C.          çç[HK1_X_TLM_BIT_RATE]                 EQ      4M
0223 C.          çç[HK1_DMP_CHK_FLG]                    EQ      EXEC
0224 C.
0225 C. ¥Á¥Ö¥×½ªî»αò³îç§
0226 C.          çç[HK1_DMP_CHK_FLG]                    EQ      NON
0227 C.
0228 C. RAM ID=TI_TBLαîî¾È¹ç•è²îOKαò³îç§
0229 C.
0230 C. DHU¥â;¼¥È;È¼¥½. ¥î;¼¥È;Èαòîãα¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC      (02 0a f8)
0233 C.          çç[HK1_PKT_FORM_NO]                     EQ      2
0234 C.          çç[HK1_PKT_GEN_TIME]                    EQ      0.5S
0235 C.          çç[HK1_S_TLM_BIT_RATE]                 EQ      32K
0236 C.          çç[HK1_X_TLM_BIT_RATE]                 EQ      4M
0237 C.
0238 C. *****
0239 C. SOT TI command set
0240 C. *****
0241 C. Execute, after the success of OP upload.
0242 +. TI 2011-11-10 09:30:16.0
0243 DC 07-F0 MDP_SOT_MODE_STBY
0244 BC      (41)
0245 C. -----
0246 C. HK1_TI_CMD_NUM          = 1 CNTUP [ ]
0247 C. -----
0248 C. ***** SOT END *****
0249 C. Stop EIS observation and temporarily disable EIS mode changes
0250 C.
0251 C.
0252 C. ***** Start EIS operation (TI set) *****
0253 C. Execute, after the success of OP upload.
0254 C. Set EIS TI-commands
0255 +. TI 2011-11-10 09:30:30.0
0256 DC 07-FC EIS_MODE_MANU
0257 BC      (21 02)
0258 +. TI 2011-11-10 09:30:40.0
0259 DC 07-FC EIS_MODE_CHG_DIS
0260 BC      (22)
0261 C.          [ ] [HK1_TI_CMD_NUM]                      EQ      2 COUNTUP
0262 C. ***** End EIS operation (TI set) *****
0263 C.
0264 C.
0265 C.
0266 C. ***** XRT START *****
0267 C. Execute, after the success of OP upload.
0268 +. TI 2011-11-10 09:30:00.0
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»ö¼ÝαÈÄα¹αèDCBC•x²è *****
0276 C. (¼á°î¥Ö¥Á¥È¥¥¥È¥á¥ç¥èè%¼αα¼Á»Üα¹αè)
0277 S. DC-BC dcbc-402:DCBC
0278 (MDP_known_event)
0279 C.
0280 C.
0281 C. ***** ¥Ð¥¹•î Daily±çîñèÈ'Øα¹αèDCBC•x²è *****
0282 S. DC-BC dcbc-153:DCBC
0283 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0284 C.
0285 C.
0286 C. ;ãLOS¥Á¥§¥Á¥-¼Á»Ü;ã
0287 C.
0288 C. ***** LOS *****
0289 C.

```


(a) Spacecraft Operation Procedure (real-commands)

```
main-451 2011-11-10 13:16:55 165 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÃY$YÃY-¼Á»Ü;ã
0005 C.
0006 C. YÃY$;¼Y³YFYÖYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èë¿òÁñ·µ°È»Í×ÁÇóÍ¥çYÃY×Yí;¼YÉ;ÈÈè¼µ·íÉ;ÈëÈ¼°ÇÒñ·ñ¿¼ì¹çñÍ;çÄ®, ùñ¹ñèñèñçÁ+¿®ñ·ñÈñññ³ñÈ;ñ
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. SOT table upload
0016 C. *****
0017 . C. < Stop FG table >
0018 +. DC 07-F0 MDP_FG_CTRL_MANU
0019 BC (51)
0020 . C. -----
0021 C. MDP_FG_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload FG Observation Table>
0025 . S. RAM ram-265:MDP_OBS_F
0026 ( )
0027 C.
0028 . C. < Dump RAMID=MDP_OBS_F >
0029 +. DC 07-F0 MDP_DUMP_FGTBL
0030 BC (82 07 00 00 00 38 b8)
0031 C. -----
0032 C. MDP_OBS_F verify = OK/NG [ ]
0033 C. -----
0034 C.
0035 . C. < Stop SP table >
0036 +. DC 07-F0 MDP_SP_CTRL_MANU
0037 BC (61)
0038 C. -----
0039 C. MDP_SP_CTRL_MODE = MANU [ ]
0040 C. -----
0041 C.
0042 . C. <Upload SP Observation Table>
0043 . S. RAM ram-288:MDP_OBS_S
0044 ( )
0045 C.
0046 . C. < Dump RAMID=MDP_OBS_S >
0047 +. DC 07-F0 MDP_DUMP_SPTBL
0048 BC (83 07 00 00 00 38 b8)
0049 C. -----
0050 C. MDP_OBS_S verify = OK/NG [ ]
0051 C. -----
0052 C.
0053 . C. < Resume FG table (auto mode) >
0054 +. DC 07-F0 MDP_FG_CTRL_AUTO
0055 BC (50)
0056 . C. -----
0057 C. MDP_FG_CTRL_MODE = AUTO [ ]
0058 C. -----
0059 C.
0060 C. *****
0061 C. SOT TI command set
0062 C. *****
0063 C. Execute, after the success of TBL upload.
0064 +. TI 2011-11-10 09:30:18.0
0065 DC 07-F0 MDP_SOT_MODE_OBSV
0066 BC (40)
0067 . C. -----
0068 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0069 C. -----
0070 C.
0071 C. Only when FG_CTRL_AUTO is used in RT.
0072 +. TI 2011-11-10 09:30:20.0
0073 DC 07-F0 MDP_FG_CTRL_AUTO
0074 BC (50)
0075 . C. -----
0076 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0077 C. -----
0078 C. ***** SOT END *****
0079 C.
0080 C. ***** XRT START *****
0081 C.
0082 +. DC 07-F0 MDP_XRT_CTRL_MANU
0083 BC (c1)
0084 +. DC 07-F0 MDP_XRT_MODE_STBY
0085 BC (c3)
0086 . C. ----- Success Verify ? OK / NG____
0087 C.
0088 C. XRT Obs. Table Upload
0089 . S. RAM ram-291:MDP_OBS_X
0090 ( )
0091 C.
0092 +. DC 07-F0 MDP_DUMP_XRTTBL
0093 BC (84 07 00 00 00 3a d4)
0094 . C. ----- Comparison Check ? OK / ERR ____
0095 C.
```

0096 C.
0097 +. DC 07-F0 MDP_XRT_ROI_SET
0098 BC (cd 01 b1 b1 04 04)
0099 + DC 07-F0 MDP_XRT_ROI_SET
0100 BC (cd 02 b1 b1 08 08)
0101 + DC 07-F0 MDP_XRT_ROI_SET
0102 BC (cd 03 b1 b1 08 08)
0103 + DC 07-F0 MDP_XRT_ROI_SET
0104 BC (cd 04 b1 b1 06 06)
0105 + DC 07-F0 MDP_XRT_ROI_SET
0106 BC (cd 05 85 83 06 06)
0107 + DC 07-F0 MDP_XRT_ROI_SET
0108 BC (cd 06 85 83 06 06)
0109 + DC 07-F0 MDP_XRT_ROI_SET
0110 BC (cd 07 80 80 20 20)
0111 + DC 07-F0 MDP_XRT_ROI_SET
0112 BC (cd 08 80 80 20 08)
0113 + DC 07-F0 MDP_XRT_ROI_SET
0114 BC (cd 09 80 80 08 20)
0115 + DC 07-F0 MDP_XRT_ROI_SET
0116 BC (cd 0a 90 90 0c 0c)
0117 + DC 07-F0 MDP_XRT_ROI_SET
0118 BC (cd 0b 90 90 08 08)
0119 + DC 07-F0 MDP_XRT_ROI_SET
0120 BC (cd 0c 80 60 20 18)
0121 + DC 07-F0 MDP_XRT_ROI_SET
0122 BC (cd 0d a0 80 18 20)
0123 + DC 07-F0 MDP_XRT_ROI_SET
0124 BC (cd 0f 80 80 06 06)
0125 + DC 07-F0 MDP_XRT_ROI_SET
0126 BC (cd 10 80 80 08 08)
0127 + DC 07-F0 MDP_XRT_FLD_ENA
0128 BC (d8)
0129 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0130 BC (c8)
0131 + DC 07-F0 MDP_XRT_AEC_RESET
0132 BC (d0)
0133 + DC 07-F0 MDP_XRT_ARS_DIS
0134 BC (d5)
0135 + DC 07-F0 MDP_XRT_FLD_RESET
0136 BC (da)
0137 . C. ----- Success Verify ? OK / NG ____
0138 C.
0139 C.
0140 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0141 C.
0142 +. DC 07-F0 MDP_XRT_MODE_OBSV
0143 BC (c2)
0144 +. TI 2011-11-10 09:30:02.0
0145 DC 07-F0 MDP_XRT_MODE_OBSV
0146 BC (c2)
0147 . C. ----- Success Verify ? OK / NG ____
0148 C.
0149 C. ***** XRT END *****
0150 C.
0151 . C. ***** MDP `ûÃîñî»ô%ÿñÊÂð¹ñèDCBC•x²è *****
0152 C. (%ã°îÿÓÿÃÿÈÿPÿÈÿâÿçÿèñÈ%¼ã¼Ã»Ûñ¹ñè)
0153 . S. DC-BC dcbc-402:DCBC
0154 (MDP_known_event)
0155 C.
0156 C.
0157 . C. ***** ÿÐÿ¹.Ï Daily±;îÑñÈ´Øñ¹ñèDCBC•x²è *****
0158 . S. DC-BC dcbc-153:DCBC
0159 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0160 C.
0161 C.
0162 . C. ;ãLOSÿÃÿSÿÿÃÿ`¼Ã»Û;ã
0163 C.
0164 . C. ***** LOS *****
0165 C.

*** OP Sequence for XRT ***

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2011/11/10 09:39:00.0 XRT_CTRL_MANU_408_OG [0x198]
                          MDP_XRT_CTRL_MANU 1 07-F0 c1
2011/11/10 09:39:02.0 XRT_FLD_RESET_412_OG [0x19c]
                          MDP_XRT_FLD_RESET 1 07-F0 da
2011/11/10 09:39:04.0 XRT_PREFLR_STRT_422_OG [0x1a6]
                          MDP_XRT_PREFLR_STRT 1 07-F0 e8
2011/11/10 09:40:54.0 XRT_CTRL_MANU_400_OG [0x190]
                          MDP_XRT_CTRL_MANU 1 07-F0 c1
2011/11/10 09:40:56.0 XRT_FOCUS_POSITION_409_OG [0x199]
                          XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2011/11/10 09:41:00.0 AOCs_OrE-point_Start_1_OG [0x097]
                          AOCU_NM 5 02-76 04 00 00 00 00
2011/11/10 09:41:16.0 XRT_FLD_ENA_411_OG [0x19b]
                          MDP_XRT_FLD_ENA 1 07-F0 d8
2011/11/10 09:41:18.0 XRT_FLRCTRL_ENA_413_OG [0x19d]
                          MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2011/11/10 09:41:20.0 XRT_AEC_RESET_443_OG [0x1bb]
                          MDP_XRT_AEC_RESET 1 07-F0 d0
2011/11/10 09:41:22.0 XRT_ARS_DIS_427_OG [0x1ab]
                          MDP_XRT_ARS_DIS 1 07-F0 d5
2011/11/10 09:42:14.0 XRT_PREFLR_STOP_424_OG [0x1a8]
                          MDP_XRT_PREFLR_STOP 1 07-F0 e9
2011/11/10 09:43:54.0 XRT_FLD_RESET_412_OG [0x19c]
                          MDP_XRT_FLD_RESET 1 07-F0 da
2011/11/10 09:43:56.0 XRT_QT_PROG_SET_432_OG [0x1b0]
                          MDP_XRT_QT_PROG_SET 2 07-F0 c4 0c
2011/11/10 09:43:58.0 XRT_FL_PROG_SET_414_OG [0x19e]
                          MDP_XRT_FL_PROG_SET 2 07-F0 c5 03
2011/11/10 09:55:30.0 XRT_Custom_418_OG [0x1a2]
2011/11/10 09:56:30.0 XRT_CTRL_AUTO_419_OG [0x1a3]
                          MDP_XRT_CTRL_AUTO 1 07-F0 c0
2011/11/10 15:04:00.0 XRT_CTRL_MANU_408_OG [0x198]
                          MDP_XRT_CTRL_MANU 1 07-F0 c1
2011/11/10 15:04:02.0 XRT_FLD_RESET_412_OG [0x19c]
                          MDP_XRT_FLD_RESET 1 07-F0 da
2011/11/10 15:04:04.0 XRT_PREFLR_STRT_422_OG [0x1a6]
                          MDP_XRT_PREFLR_STRT 1 07-F0 e8
2011/11/10 15:07:14.0 XRT_PREFLR_STOP_424_OG [0x1a8]
                          MDP_XRT_PREFLR_STOP 1 07-F0 e9
2011/11/10 15:17:00.0 XRT_Custom_418_OG [0x1a2]
2011/11/10 15:18:00.0 XRT_CTRL_AUTO_419_OG [0x1a3]
                          MDP_XRT_CTRL_AUTO 1 07-F0 c0
2011/11/10 15:26:00.0 XRT_CTRL_MANU_408_OG [0x198]
                          MDP_XRT_CTRL_MANU 1 07-F0 c1
2011/11/10 15:26:02.0 XRT_FLD_RESET_412_OG [0x19c]
                          MDP_XRT_FLD_RESET 1 07-F0 da
2011/11/10 15:26:04.0 XRT_PREFLR_STRT_422_OG [0x1a6]
                          MDP_XRT_PREFLR_STRT 1 07-F0 e8
2011/11/10 15:26:30.0 XRT_Custom_418_OG [0x1a2]
2011/11/10 15:27:30.0 XRT_CTRL_AUTO_419_OG [0x1a3]
                          MDP_XRT_CTRL_AUTO 1 07-F0 c0
2011/11/10 15:29:14.0 XRT_PREFLR_STOP_424_OG [0x1a8]
                          MDP_XRT_PREFLR_STOP 1 07-F0 e9
2011/11/10 16:39:30.0 XRT_CTRL_MANU_408_OG [0x198]
                          MDP_XRT_CTRL_MANU 1 07-F0 c1
2011/11/10 16:39:32.0 XRT_FLD_RESET_412_OG [0x19c]
                          MDP_XRT_FLD_RESET 1 07-F0 da
2011/11/10 16:39:34.0 XRT_PREFLR_STRT_422_OG [0x1a6]
                          MDP_XRT_PREFLR_STRT 1 07-F0 e8
2011/11/10 16:42:44.0 XRT_PREFLR_STOP_424_OG [0x1a8]
                          MDP_XRT_PREFLR_STOP 1 07-F0 e9
2011/11/10 17:03:30.0 XRT_Custom_418_OG [0x1a2]
2011/11/10 17:04:30.0 XRT_CTRL_AUTO_419_OG [0x1a3]
                          MDP_XRT_CTRL_AUTO 1 07-F0 c0
2011/11/10 17:53:24.0 XRT_CTRL_MANU_400_OG [0x190]
                          MDP_XRT_CTRL_MANU 1 07-F0 c1
2011/11/10 17:53:26.0 XRT_FOCUS_POSITION_401_OG [0x191]
                          XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2011/11/10 17:53:30.0 AOCs_OrE-point_Start_2_OG [0x098]
                          AOCU_NM 5 02-76 00 00 00 00 00
2011/11/10 17:53:46.0 XRT_FLD_DIS_402_OG [0x192]
                          MDP_XRT_FLD_DIS 1 07-F0 d9
2011/11/10 17:53:48.0 XRT_FLRCTRL_DIS_433_OG [0x1b1]
                          MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2011/11/10 17:53:50.0 XRT_ARS_DIS_438_OG [0x1b6]
                          MDP_XRT_ARS_DIS 1 07-F0 d5
2011/11/10 17:56:28.0 XRT_QT_PROG_SET_417_OG [0x1a1]
                          MDP_XRT_QT_PROG_SET 2 07-F0 c4 08
2011/11/10 17:56:30.0 XRT_CTRL_AUTO_406_OG [0x196]
                          MDP_XRT_CTRL_AUTO 1 07-F0 c0
2011/11/10 18:03:24.0 XRT_CTRL_MANU_400_OG [0x190]
                          MDP_XRT_CTRL_MANU 1 07-F0 c1
2011/11/10 18:03:26.0 XRT_FOCUS_POSITION_409_OG [0x199]
                          XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2011/11/10 18:03:30.0 AOCs_OrE-point_Start_1_OG [0x097]
                          AOCU_NM 5 02-76 04 00 00 00 00
2011/11/10 18:03:46.0 XRT_FLD_ENA_411_OG [0x19b]
                          MDP_XRT_FLD_ENA 1 07-F0 d8
2011/11/10 18:03:48.0 XRT_FLRCTRL_ENA_413_OG [0x19d]
                          MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2011/11/10 18:03:50.0 XRT_AEC_RESET_443_OG [0x1bb]

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| | | | | | | |
|------------|------------|-----------------------------------|---------------------|---|-------|-------------|
| 2011/11/10 | 18:03:52.0 | XRT_ARS_DIS_427_OG [0x1ab] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| | | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2011/11/10 | 18:06:24.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2011/11/10 | 18:06:26.0 | XRT_QT_PROG_SET_432_OG [0x1b0] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0c |
| 2011/11/10 | 18:06:28.0 | XRT_FL_PROG_SET_414_OG [0x19e] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 03 |
| 2011/11/10 | 18:06:30.0 | XRT_CTRL_AUTO_406_OG [0x196] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2011/11/10 | 18:17:00.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2011/11/10 | 18:17:02.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2011/11/10 | 18:17:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2011/11/10 | 18:20:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2011/11/10 | 18:40:30.0 | XRT_Custom_418_OG [0x1a2] | | | | |
| 2011/11/10 | 18:41:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2011/11/10 | 19:54:00.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2011/11/10 | 19:54:02.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2011/11/10 | 19:54:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2011/11/10 | 19:57:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2011/11/10 | 20:17:30.0 | XRT_Custom_418_OG [0x1a2] | | | | |
| 2011/11/10 | 20:18:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2011/11/10 | 21:31:30.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2011/11/10 | 21:31:32.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2011/11/10 | 21:31:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2011/11/10 | 21:34:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2011/11/10 | 21:54:00.0 | XRT_Custom_418_OG [0x1a2] | | | | |
| 2011/11/10 | 21:55:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2011/11/10 | 23:09:00.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2011/11/10 | 23:09:02.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2011/11/10 | 23:09:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2011/11/10 | 23:12:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2011/11/10 | 23:25:30.0 | XRT_Custom_418_OG [0x1a2] | | | | |
| 2011/11/10 | 23:26:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2011/11/11 | 00:43:30.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2011/11/11 | 00:43:32.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2011/11/11 | 00:43:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2011/11/11 | 00:46:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2011/11/11 | 00:52:30.0 | XRT_Custom_418_OG [0x1a2] | | | | |
| 2011/11/11 | 00:53:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2011/11/11 | 02:08:30.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2011/11/11 | 02:08:32.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2011/11/11 | 02:08:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2011/11/11 | 02:11:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2011/11/11 | 02:28:30.0 | XRT_Custom_418_OG [0x1a2] | | | | |
| 2011/11/11 | 02:29:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2011/11/11 | 03:38:30.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2011/11/11 | 03:38:32.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2011/11/11 | 03:38:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2011/11/11 | 03:41:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2011/11/11 | 04:05:30.0 | XRT_Custom_418_OG [0x1a2] | | | | |
| 2011/11/11 | 04:06:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2011/11/11 | 04:29:54.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2011/11/11 | 04:29:56.0 | XRT_FOCUS_POSITION_409_OG [0x199] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2011/11/11 | 04:30:00.0 | AOCS_Ore-point_Start_3_OG [0x099] | | | | |

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| | | | | | | | | | | |
|------------|------------|------------------------------------|---------------------|---|-------|----|----|----|----|----|
| 2011/11/11 | 04:30:16.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 00 | ca | a8 | c1 | 82 |
| | | MDP_XRT_FLD_ENA | | 1 | 07-F0 | | d8 | | | |
| 2011/11/11 | 04:30:18.0 | XRT_FLRCTRL_ENA_413_OG [0x19d] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | | c8 | | | |
| 2011/11/11 | 04:30:20.0 | XRT_AEC_RESET_443_OG [0x1bb] | MDP_XRT_AEC_RESET | 1 | 07-F0 | | d0 | | | |
| 2011/11/11 | 04:30:22.0 | XRT_ARS_DIS_427_OG [0x1ab] | MDP_XRT_ARS_DIS | 1 | 07-F0 | | d5 | | | |
| 2011/11/11 | 04:32:54.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | | da | | | |
| 2011/11/11 | 04:32:56.0 | XRT_QT_PROG_SET_421_OG [0x1a5] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | | c4 | 0f | | |
| 2011/11/11 | 04:32:58.0 | XRT_FL_PROG_SET_414_OG [0x19e] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | | c5 | 03 | | |
| 2011/11/11 | 04:33:00.0 | XRT_CTRL_AUTO_406_OG [0x196] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | c0 | | | |
| 2011/11/11 | 05:16:00.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | c1 | | | |
| 2011/11/11 | 05:16:02.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | | da | | | |
| 2011/11/11 | 05:16:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | | e8 | | | |
| 2011/11/11 | 05:19:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | | e9 | | | |
| 2011/11/11 | 05:43:00.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | | |
| 2011/11/11 | 05:44:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | c0 | | | |
| 2011/11/11 | 05:59:54.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | c1 | | | |
| 2011/11/11 | 05:59:56.0 | XRT_FOCUS_POSITION_401_OG [0x191] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2011/11/11 | 06:00:00.0 | AOCs_Or-e-point_Start_2_OG [0x098] | | | | | | | | |
| 2011/11/11 | 06:00:16.0 | XRT_FLD_DIS_402_OG [0x192] | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| | | MDP_XRT_FLD_DIS | | 1 | 07-F0 | | d9 | | | |
| 2011/11/11 | 06:00:18.0 | XRT_FLRCTRL_DIS_433_OG [0x1b1] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | | c9 | | | |
| 2011/11/11 | 06:00:20.0 | XRT_ARS_DIS_438_OG [0x1b6] | MDP_XRT_ARS_DIS | 1 | 07-F0 | | d5 | | | |
| 2011/11/11 | 06:02:58.0 | XRT_QT_PROG_SET_417_OG [0x1a1] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | | c4 | 08 | | |
| 2011/11/11 | 06:03:00.0 | XRT_CTRL_AUTO_406_OG [0x196] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | c0 | | | |
| 2011/11/11 | 06:09:54.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | c1 | | | |
| 2011/11/11 | 06:09:56.0 | XRT_FOCUS_POSITION_409_OG [0x199] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2011/11/11 | 06:10:00.0 | AOCs_Or-e-point_Start_1_OG [0x097] | | | | | | | | |
| 2011/11/11 | 06:10:16.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 04 | 00 | 00 | 00 | 00 |
| | | MDP_XRT_FLD_ENA | | 1 | 07-F0 | | d8 | | | |
| 2011/11/11 | 06:10:18.0 | XRT_FLRCTRL_ENA_413_OG [0x19d] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | | c8 | | | |
| 2011/11/11 | 06:10:20.0 | XRT_AEC_RESET_443_OG [0x1bb] | MDP_XRT_AEC_RESET | 1 | 07-F0 | | d0 | | | |
| 2011/11/11 | 06:10:22.0 | XRT_ARS_DIS_427_OG [0x1ab] | MDP_XRT_ARS_DIS | 1 | 07-F0 | | d5 | | | |
| 2011/11/11 | 06:12:54.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | | da | | | |
| 2011/11/11 | 06:12:56.0 | XRT_QT_PROG_SET_432_OG [0x1b0] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | | c4 | 0c | | |
| 2011/11/11 | 06:12:58.0 | XRT_FL_PROG_SET_414_OG [0x19e] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | | c5 | 03 | | |
| 2011/11/11 | 06:13:00.0 | XRT_CTRL_AUTO_406_OG [0x196] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | c0 | | | |
| 2011/11/11 | 06:56:30.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | c1 | | | |
| 2011/11/11 | 06:56:32.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | | da | | | |
| 2011/11/11 | 06:56:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | | e8 | | | |
| 2011/11/11 | 06:59:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | | e9 | | | |
| 2011/11/11 | 07:20:30.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | | |
| 2011/11/11 | 07:21:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | c0 | | | |
| 2011/11/11 | 08:36:00.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | c1 | | | |
| 2011/11/11 | 08:36:02.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | | da | | | |
| 2011/11/11 | 08:36:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | | e8 | | | |
| 2011/11/11 | 08:39:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | | e9 | | | |
| 2011/11/11 | 08:57:00.5 | XRT_Custom_418_OG [0x1a2] | | | | | | | | |
| 2011/11/11 | 08:58:00.5 | XRT_CTRL_AUTO_419_OG [0x1a3] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | | c0 | | | |
| 2011/11/11 | 09:29:54.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | | c1 | | | |
| 2011/11/11 | 09:29:56.0 | XRT_FOCUS_POSITION_409_OG [0x199] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2011/11/11 | 09:30:16.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | | |

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| | | | | | | | | | |
|------------|------------|-----------------------------------|---------------------|---|-------|----|----|----|-------|
| 2011/11/11 | 09:30:18.0 | XRT_FLRCTRL_ENA_413_OG [0x19d] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| | | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2011/11/11 | 09:30:20.0 | XRT_AEC_RESET_443_OG [0x1bb] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2011/11/11 | 09:30:22.0 | XRT_ARS_DIS_427_OG [0x1ab] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2011/11/11 | 09:32:54.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2011/11/11 | 09:32:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 11 | | |
| 2011/11/11 | 09:32:58.0 | XRT_FL_PROG_SET_414_OG [0x19e] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 03 | | |
| 2011/11/11 | 09:33:00.0 | XRT_CTRL_AUTO_406_OG [0x196] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2011/11/11 | 10:17:30.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2011/11/11 | 10:17:32.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2011/11/11 | 10:17:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2011/11/11 | 10:20:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2011/11/11 | 10:28:00.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2011/11/11 | 10:29:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2011/11/11 | 10:59:54.0 | XRT_CTRL_MANU_439_OG [0x1b7] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2011/11/11 | 11:00:00.0 | AOCS_ORe-point_Start_4_OG [0x09a] | AOCU_NM | 5 | 02-76 | 00 | b1 | cb | 00 00 |
| 2011/11/11 | 11:02:26.0 | XRT_FOCUS_POSITION_409_OG [0x199] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 |
| 2011/11/11 | 11:02:46.0 | XRT_FLD_ENA_435_OG [0x1b3] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2011/11/11 | 11:02:48.0 | XRT_FLRCTRL_ENA_403_OG [0x193] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2011/11/11 | 11:02:50.0 | XRT_AEC_RESET_443_OG [0x1bb] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2011/11/11 | 11:02:52.0 | XRT_ARS_DIS_431_OG [0x1af] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2011/11/11 | 11:02:54.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2011/11/11 | 11:02:56.0 | XRT_QT_PROG_SET_426_OG [0x1aa] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 10 | | |
| 2011/11/11 | 11:02:58.0 | XRT_FL_PROG_SET_414_OG [0x19e] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 03 | | |
| 2011/11/11 | 11:03:00.0 | XRT_CTRL_AUTO_406_OG [0x196] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2011/11/11 | 14:08:00.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2011/11/11 | 14:08:02.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2011/11/11 | 14:08:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2011/11/11 | 14:11:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2011/11/11 | 14:12:00.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2011/11/11 | 14:13:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2011/11/11 | 15:39:30.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2011/11/11 | 15:39:32.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2011/11/11 | 15:39:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2011/11/11 | 15:42:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2011/11/11 | 16:03:00.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2011/11/11 | 16:04:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2011/11/11 | 17:16:00.0 | XRT_CTRL_MANU_408_OG [0x198] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2011/11/11 | 17:16:02.0 | XRT_FLD_RESET_412_OG [0x19c] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2011/11/11 | 17:16:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2011/11/11 | 17:19:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2011/11/11 | 17:40:00.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2011/11/11 | 17:41:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2011/11/11 | 17:56:54.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2011/11/11 | 17:56:56.0 | XRT_FOCUS_POSITION_401_OG [0x191] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 |
| 2011/11/11 | 17:57:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 00 |
| 2011/11/11 | 17:57:16.0 | XRT_FLD_DIS_402_OG [0x192] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | |
| 2011/11/11 | 17:57:18.0 | XRT_FLRCTRL_DIS_433_OG [0x1b1] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | |
| 2011/11/11 | 17:57:20.0 | XRT_ARS_DIS_438_OG [0x1b6] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |

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|------------|------------|-----------------------------------|---|-------|----|-------------|--|
| 2011/11/11 | 17:59:58.0 | XRT_QT_PROG_SET_417_OG [0x1a1] | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 08 | |
| 2011/11/11 | 18:00:00.0 | XRT_CTRL_AUTO_406_OG [0x196] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2011/11/11 | 18:06:54.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2011/11/11 | 18:06:56.0 | XRT_FOCUS_POSITION_428_OG [0x1ac] | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe 97 00 | |
| 2011/11/11 | 18:07:00.0 | AOCS_Ore-point_Start_5_OG [0x09b] | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | ac 00 00 00 | |
| 2011/11/11 | 18:07:16.0 | XRT_QT_PROG_SET_437_OG [0x1b5] | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0e | |
| 2011/11/11 | 18:07:18.0 | XRT_FLD_DIS_434_OG [0x1b2] | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | |
| 2011/11/11 | 18:07:20.0 | XRT_FLRCTRL_DIS_440_OG [0x1b8] | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | |
| 2011/11/11 | 18:07:22.0 | XRT_ARS_DIS_438_OG [0x1b6] | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2011/11/11 | 18:10:00.0 | XRT_CTRL_AUTO_406_OG [0x196] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2011/11/11 | 20:06:54.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2011/11/11 | 20:06:56.0 | XRT_FOCUS_POSITION_428_OG [0x1ac] | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe 97 00 | |
| 2011/11/11 | 20:07:00.0 | AOCS_Ore-point_Start_6_OG [0x09c] | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | 00 00 54 00 | |
| 2011/11/11 | 20:07:16.0 | XRT_QT_PROG_SET_445_OG [0x1bd] | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 06 | |
| 2011/11/11 | 20:07:18.0 | XRT_FLD_DIS_434_OG [0x1b2] | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | |
| 2011/11/11 | 20:07:20.0 | XRT_FLRCTRL_DIS_440_OG [0x1b8] | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | |
| 2011/11/11 | 20:07:22.0 | XRT_ARS_DIS_438_OG [0x1b6] | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2011/11/11 | 20:10:00.0 | XRT_CTRL_AUTO_406_OG [0x196] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2011/11/11 | 22:06:54.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2011/11/11 | 22:06:56.0 | XRT_FOCUS_POSITION_409_OG [0x199] | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe 97 00 | |
| 2011/11/11 | 22:07:00.0 | AOCS_Ore-point_Start_7_OG [0x09d] | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 | c9 cb 40 8b | |
| 2011/11/11 | 22:07:16.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2011/11/11 | 22:07:18.0 | XRT_FLRCTRL_ENA_413_OG [0x19d] | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2011/11/11 | 22:07:20.0 | XRT_AEC_RESET_443_OG [0x1bb] | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2011/11/11 | 22:07:22.0 | XRT_ARS_DIS_449_OG [0x1c1] | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2011/11/11 | 22:07:24.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2011/11/11 | 22:07:26.0 | XRT_QT_PROG_SET_421_OG [0x1a5] | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0f | |
| 2011/11/11 | 22:07:28.0 | XRT_FL_PROG_SET_414_OG [0x19e] | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 03 | |
| 2011/11/11 | 22:08:00.5 | XRT_CTRL_MANU_408_OG [0x198] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2011/11/11 | 22:08:02.5 | XRT_FLD_RESET_412_OG [0x19c] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2011/11/11 | 22:08:04.5 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2011/11/11 | 22:11:14.5 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2011/11/11 | 22:30:00.0 | XRT_Custom_418_OG [0x1a2] | | | | | |
| 2011/11/11 | 22:31:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2011/11/11 | 23:45:30.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2011/11/11 | 23:45:32.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2011/11/11 | 23:45:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2011/11/11 | 23:48:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2011/11/11 | 23:55:30.0 | XRT_Custom_418_OG [0x1a2] | | | | | |
| 2011/11/11 | 23:56:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2011/11/12 | 01:11:30.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2011/11/12 | 01:11:32.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2011/11/12 | 01:11:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2011/11/12 | 01:14:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2011/11/12 | 01:28:30.0 | XRT_Custom_418_OG [0x1a2] | | | | | |
| 2011/11/12 | 01:29:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2011/11/12 | 02:44:00.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2011/11/12 | 02:44:02.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |

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|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2011/11/12 | 02:44:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2011/11/12 | 02:47:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2011/11/12 | 03:05:00.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2011/11/12 | 03:06:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2011/11/12 | 04:13:30.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2011/11/12 | 04:13:32.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2011/11/12 | 04:13:34.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2011/11/12 | 04:16:44.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2011/11/12 | 04:42:30.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2011/11/12 | 04:43:30.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2011/11/12 | 05:54:00.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2011/11/12 | 05:54:02.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2011/11/12 | 05:54:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2011/11/12 | 05:57:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2011/11/12 | 06:20:00.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2011/11/12 | 06:21:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2011/11/12 | 06:29:54.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2011/11/12 | 06:29:56.0 | XRT_FOCUS_POSITION_401_OG [0x191] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2011/11/12 | 06:30:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2011/11/12 | 06:30:16.0 | XRT_FLD_DIS_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2011/11/12 | 06:30:18.0 | XRT_FLRCTRL_DIS_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2011/11/12 | 06:30:20.0 | XRT_ARS_DIS_438_OG [0x1b6] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2011/11/12 | 06:32:58.0 | XRT_QT_PROG_SET_417_OG [0x1a1] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 08 | | | | |
| 2011/11/12 | 06:33:00.0 | XRT_CTRL_AUTO_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2011/11/12 | 06:39:54.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2011/11/12 | 06:39:56.0 | XRT_FOCUS_POSITION_409_OG [0x199] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2011/11/12 | 06:40:00.0 | AOCS_ORe-point_Start_7_OG [0x09d] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 c9 cb 40 8b | | | | |
| 2011/11/12 | 06:40:16.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2011/11/12 | 06:40:18.0 | XRT_FLRCTRL_ENA_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2011/11/12 | 06:40:20.0 | XRT_AEC_RESET_443_OG [0x1bb] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2011/11/12 | 06:40:22.0 | XRT_ARS_DIS_427_OG [0x1ab] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2011/11/12 | 06:42:54.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2011/11/12 | 06:42:56.0 | XRT_QT_PROG_SET_421_OG [0x1a5] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0f | | | | |
| 2011/11/12 | 06:42:58.0 | XRT_FL_PROG_SET_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 03 | | | | |
| 2011/11/12 | 06:43:00.0 | XRT_CTRL_AUTO_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2011/11/12 | 07:34:00.0 | XRT_CTRL_MANU_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2011/11/12 | 07:34:02.0 | XRT_FLD_RESET_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2011/11/12 | 07:34:04.0 | XRT_PREFLR_STRT_422_OG [0x1a6] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2011/11/12 | 07:37:14.0 | XRT_PREFLR_STOP_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2011/11/12 | 07:57:00.0 | XRT_Custom_418_OG [0x1a2] | | | | | | | |
| 2011/11/12 | 07:58:00.0 | XRT_CTRL_AUTO_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2011/11/12 | 09:06:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2011/11/12 | 09:16:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |