

XRT Timeline to be uploaded on 2014/10/14

Period: 2014/10/14 09:57:00 - 2014/10/18 09:25:00

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Normal mode

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| XOB #1A1B: HOP81/206 2-filter - Al/poly 6s, Al/mesh 4s 60s cadence, G-band - 384x384 33ms | | | | | | | | | | | | | |
|---|-----------------------|----------------|-------|------|-------|-------|---|-----|----------------------|-------|------------|----------|--------|
| Term | Pointing (x, y) | | | | | | Comment | | | | | | |
| 10/14 10:10:00 - 10/14 16:34:54 | Fixed (-24.0, 885.0) | | | | | | # OP start + 10min, HOP 81 N-pole (10:34 UT-) | | | | | | |
| PROG= 09 Inf.-time(s) | | | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | | |
| └─ Seqn= 8 2-time(s) 2.0sec | | | | | | | | | | | | | |
| | Open/G-band | Open/G-band | close | Safe | Norm | 44ms | Obs | 1x1 | 384x384 (1064, 1048) | DPCM | 0 | 0 | 2.0sec |
| └─ Subr= 2 1-time(s) 2.0sec | | | | | | | | | | | | | |
| └─ Seqn= 48 1-time(s) 30.0sec | | | | | | | | | | | | | |
| | Open/G-band | Open/G-band | open | Safe | Norm | 32ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=90 | 0 | 0 | 2.0sec |
| └─ Subr= 3 30-time(s) 2.0sec | | | | | | | | | | | | | |
| └─ Seqn= 57 1-time(s) 60.0sec | | | | | | | | | | | | | |
| | Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 4.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=90 | 0 | 0 | 2.0sec |
| | Al-poly/Open | Al-poly/Open | close | Safe | Norm | 5.66s | 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 #19E6: AR Standard-A(Filter-Ratio with Al/poly and thin-Be) with PFB, 384x384 at 1064 1048, thin-Be, thick-Al, and Al/Poly context, with G-band (33ms) | | | | | | | | | | | | | |
|--|--|----------------|-------|------|-------|-------|----------|-----|----------------------|-------|------------|----------|--------|
| Term | Pointing (x, y) | | | | | | Comment | | | | | | |
| 10/14 16:38:00 - 10/14 18:39:54 | Track (-704.8, -228.1) @ 10/14 16:35:00 | | | | | | AR 12187 | | | | | | |
| 10/14 22:53:00 - 10/15 05:34:24 | Track (-665.3, -232.2) @ 10/14 22:50:00 | | | | | | AR 12187 | | | | | | |
| 10/15 05:47:30 - 10/15 07:42:30 | Track (-618.7, -236.4) @ 10/15 05:44:30 | | | | | | AR 12187 | | | | | | |
| 10/15 12:03:00 - 10/15 17:36:54 | Track (-574.1, -239.9) @ 10/15 12:00:00 | | | | | | AR 12187 | | | | | | |
| 10/15 17:50:00 - 10/16 00:59:54 | Track (-531.0, -242.9) @ 10/15 17:47:00 | | | | | | AR 12187 | | | | | | |
| 10/16 04:13:00 - 10/16 07:44:54 | Track (-449.5, -247.5) @ 10/16 04:10:00 | | | | | | AR 12187 | | | | | | |
| PROG= 13 Inf.-time(s) | | | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | | |
| └─ Seqn= 8 2-time(s) 2.0sec | | | | | | | | | | | | | |
| | Open/G-band | Open/G-band | close | Safe | Norm | 44ms | Obs | 1x1 | 384x384 (1064, 1048) | DPCM | 0 | 0 | 2.0sec |
| └─ Subr= 2 2-time(s) 2.0sec | | | | | | | | | | | | | |
| └─ Seqn= 24 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 | 32ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=98 | 0 | 0 | 2.0sec |
| └─ Seqn= 42 4-time(s) 2.0sec | | | | | | | | | | | | | |
| | Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| | thin-Be/Open | med-Be/Open | close | Safe | Norm | 5.66s | Obs | 1x1 | 512x512 (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 |
| └─ Seqn= 62 8-time(s) 270.0sec | | | | | | | | | | | | | |
| | thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| | Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | 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 | 1 | 2.0sec |
| | Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 1 | 2.0sec |
| | thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 2 | 2.0sec |
| | Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 2 | 2.0sec |
| | Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

| XOB #1A4B: Synoptic Q95 2x2 - Al/mesh(16/128/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Ti-poly(33/512/2048) + Ti-poly | | | | | | | | | | | | | |
|---|-------------------|---------------|-------|------|------|-------|-----------------------------------|-----|------------------------|------|---|---|--------|
| Term | Pointing (x, y) | | | | | | Comment | | | | | | |
| 10/14 18:43:00 - 10/14 18:49:54 | Fixed (0.0, 0.0) | | | | | | synoptic, shifted 40 min manually | | | | | | |
| 10/15 05:37:30 - 10/15 05:44:24 | Fixed (0.0, 0.0) | | | | | | synoptic, shifted -25.5 min | | | | | | |
| 10/15 17:40:00 - 10/15 17:46:54 | Fixed (0.0, 0.0) | | | | | | synoptic, shifted -23.0 min | | | | | | |
| 10/16 04:03:00 - 10/16 04:09:54 | Fixed (0.0, 0.0) | | | | | | synoptic, shifted -2 hrs manually | | | | | | |
| PROG= 07 1-time(s) | | | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 12.0sec | | | | | | | | | | | | | |
| └─ Seqn= 61 1-time(s) 4.0sec | | | | | | | | | | | | | |
| | Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 16ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| | Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 125ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| | Open/Al-mesh | Open/Al-mesh | close | Safe | Norm | 1.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| └─ 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= 80 1-time(s) 4.0sec | | | | | | | | | | | | | |
| | Open/Ti-poly | Open/Ti-poly | close | Safe | Norm | 32ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| | Open/Ti-poly | Open/Ti-poly | close | Safe | Norm | 500ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| | Open/Ti-poly | Open/Ti-poly | close | Safe | Norm | 2.00s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| └─ Seqn= 54 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | thin-Be/Open | thin-Be/Open | close | Safe | Norm | 250ms | 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 |
| | thin-Be/Open | thin-Be/Open | close | Safe | Norm | 5.66s | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| └─ Seqn= 6 1-time(s) 2.0sec | | | | | | | | | | | | | |

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|----------------|----------------|-------|------|-------|------|-----|-----|------------------------|-------|------------|----------|--------|
| Open/G-band | Open/G-band | open | Safe | Norm | 8ms | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=90 | 0 | 0 | 2.0sec |
| Open/G-band | Open/G-band | close | Safe | Norm | 32ms | Obs | 1x1 | 2048x2048 (1024, 1024) | Q=95 | 0 | 0 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

XOB #19E3: AR Standard-A(Filter-Ratio with Al/poly and thin-Be) with PFB, 384x384 at 1064 1048, thin-Be, thick-Al, and Al/Poly context, with G-band (33ms)

| Term | Pointing (x, y) | Comment |
|---------------------------------|--|-----------------------------|
| 10/14 18:53:00 - 10/14 22:49:54 | Track (627.1, 266.6) @ 10/14 18:50:00 | HOP 269, prominence on disk |
| 10/16 01:03:00 - 10/16 03:59:54 | Track (785.2, 288.2) @ 10/16 01:00:00 | HOP 269, prominence on disk |

PROG= 12 Inf.-time(s)

| | | | | | | | | | | | | |
|----------------|----------------|----------|------|-------|-------|-----|-----|----------------------|-------|------------|----------|--------|
| Subr= 1 | 1-time(s) | 2.0sec | | | | | | | | | | |
| Seqn= 8 | 2-time(s) | 2.0sec | | | | | | | | | | |
| Open/G-band | Open/G-band | close | Safe | Norm | 44ms | Obs | 1x1 | 384x384 (1064, 1048) | DPCM | 0 | 0 | 2.0sec |
| Subr= 2 | 2-time(s) | 2.0sec | | | | | | | | | | |
| Seqn= 24 | 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 | 32ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=98 | 0 | 0 | 2.0sec |
| Seqn= 42 | 4-time(s) | 2.0sec | | | | | | | | | | |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 5.66s | Obs | 1x1 | 512x512 (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 |
| Seqn= 62 | 15-time(s) | 120.0sec | | | | | | | | | | |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | 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 | 1 | 2.0sec |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 1 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 2 | 2.0sec |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 2 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

XOB #19E2: AR Standard-A(Filter-Ratio with Al/poly and thin-Be) with PFB, 384x384 at 1064 1048, thin-Be, thick-Al, and Al/Poly context, with G-band (33ms)

| Term | Pointing (x, y) | Comment |
|---------------------------------|------------------------|------------------|
| 10/15 08:06:00 - 10/15 11:59:54 | Fixed (870.0, -300.0) | HOP 265, limb AR |
| 10/16 07:48:00 - 10/16 10:00:00 | Fixed (870.0, -300.0) | HOP 265, limb AR |

PROG= 04 Inf.-time(s)

| | | | | | | | | | | | | |
|----------------|----------------|---------|------|-------|-------|-----|-----|----------------------|-------|------------|----------|--------|
| Subr= 1 | 1-time(s) | 2.0sec | | | | | | | | | | |
| Seqn= 8 | 2-time(s) | 2.0sec | | | | | | | | | | |
| Open/G-band | Open/G-band | close | Safe | Norm | 44ms | Obs | 1x1 | 384x384 (1064, 1048) | DPCM | 0 | 0 | 2.0sec |
| Subr= 2 | 2-time(s) | 2.0sec | | | | | | | | | | |
| Seqn= 24 | 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 | 32ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=98 | 0 | 0 | 2.0sec |
| Seqn= 42 | 4-time(s) | 2.0sec | | | | | | | | | | |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 5.66s | Obs | 1x1 | 512x512 (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 |
| Seqn= 62 | 20-time(s) | 90.0sec | | | | | | | | | | |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 0 | 2.0sec |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | 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 | 1 | 2.0sec |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 1 | 2.0sec |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 2 | 2.0sec |
| Al-poly/Open | thin-Be/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1064, 1048) | Q=95 | 3 | 2 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

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Flare mode

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XOB #19EC: Flare - high cad multifilter (Be/thin, Be/med, Al/thick), AEC 3, 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512x512 2x2) + Gband (43ms)

| Term | Pointing (x, y) | Comment |
|---------------------------------|--|---|
| 10/14 10:10:00 - 10/14 16:34:54 | Fixed (-24.0, 885.0) | # OP start + 10min, HOP 81 N-pole (10:34 UT-) |
| 10/14 16:38:00 - 10/14 18:39:54 | Track (-704.8, -228.1) @ 10/14 16:35:00 | AR 12187 |
| 10/14 22:53:00 - 10/15 05:34:24 | Track (-665.3, -232.2) @ 10/14 22:50:00 | AR 12187 |
| 10/15 05:47:30 - 10/15 07:42:30 | Track (-618.7, -236.4) @ 10/15 05:44:30 | AR 12187 |
| 10/15 08:06:00 - 10/15 11:59:54 | Fixed (870.0, -300.0) | HOP 265, limb AR |
| 10/15 12:03:00 - 10/15 17:36:54 | Track (-574.1, -239.9) @ 10/15 12:00:00 | AR 12187 |
| 10/15 17:50:00 - 10/16 00:59:54 | Track (-531.0, -242.9) @ 10/15 17:47:00 | AR 12187 |
| 10/16 04:13:00 - 10/16 07:44:54 | Track (-449.5, -247.5) @ 10/16 04:10:00 | AR 12187 |
| 10/16 07:48:00 - 10/16 10:00:00 | Fixed (870.0, -300.0) | HOP 265, limb AR |

PROG= 01 30-time(s)

| | | | | | | | | | | | | |
|---------------|-----------------|--------|------|------|-------|-----|-----|----------------------|------|---|---|--------|
| Subr= 1 | 30-time(s) | 2.0sec | | | | | | | | | | |
| Seqn= 26 | 1-time(s) | 4.0sec | | | | | | | | | | |
| thin-Be/Open | med-Be/Open | close | Safe | Norm | 8ms | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 3 | 0 | 2.0sec |
| med-Be/Open | Open/thick-Al | close | Safe | Norm | 250ms | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 3 | 0 | 2.0sec |
| Open/thick-Al | Open/thick-Be | close | Safe | Norm | 1.00s | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 3 | 0 | 2.0sec |
| Subr= 2 | 1-time(s) | 2.0sec | | | | | | | | | | |
| Seqn= 10 | 1-time(s) | 2.0sec | | | | | | | | | | |
| med-Al/Open | med-Al/thick-Al | close | Safe | Norm | 500ms | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 3 | 0 | 2.0sec |
| Open/thick-Be | Open/thick-Be | close | Safe | Norm | 2.00s | Obs | 1x1 | 384x384 (1024, 1024) | Q=95 | 3 | 0 | 2.0sec |

| | | | | | | | | | | | | | | | |
|----------------|------------------|-----------|------|--------|-------|-----|-----|----------------------|--|-------|------------|----------|--------|--|--|
| Seqn= 11 | | 1-time(s) | | 2.0sec | | | | | | | | | | | |
| Al-poly/Open | Al-poly/thick-Al | close | Safe | Norm | 125ms | Obs | 2x2 | 512x512 (1024, 1024) | | Q=95 | 2 | 0 | 2.0sec | | |
| Seqn= 15 | | 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 | | |
| 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 | | | |

XOB #1A4C: Flare - Standard Core - (thin-be, med-be) - AEC1 - 384x384 - Q95 - + Gband (45ms) + Darks

| Term | Pointing (x, y) | Comment |
|---------------------------------|---|-----------------------------|
| 10/14 18:53:00 - 10/14 22:49:54 | Track (627.1, 266.6) ^{® 10/14 18:50:00} | HOP 269, prominence on disk |
| 10/16 01:03:00 - 10/16 03:59:54 | Track (785.2, 288.2) ^{® 10/16 01:00:00} | HOP 269, prominence on disk |

PROG= 15 Inf.-time(s)

| | | | | | | | | | | | | | | | |
|----------------|------------------|------------|------|----------|-------|-----|-----|----------------------|--|-------|------------|----------|--------|--|--|
| Subr= 1 | | 1-time(s) | | 2.0sec | | | | | | | | | | | |
| Seqn= 18 | | 15-time(s) | | 20.0sec | | | | | | | | | | | |
| thin-Be/Open | thin-Be/thick-Be | close | Safe | Norm | 125ms | Obs | 1x1 | 384x384 (1024, 1024) | | Q=95 | 1 | 0 | 2.0sec | | |
| med-Be/Open | med-Be/thick-Al | close | Safe | Norm | 354ms | Obs | 1x1 | 384x384 (1024, 1024) | | Q=95 | 1 | 0 | 2.0sec | | |
| Seqn= 15 | | 1-time(s) | | 4.0sec | | | | | | | | | | | |
| 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 | | |
| Open/thick-Al | Open/thick-Al | close | Safe | Dark | 1.00s | Obs | 2x2 | 512x512 (1024, 1024) | | Q=98 | 0 | 0 | 2.0sec | | |
| Subr= 2 | | 8-time(s) | | 2.0sec | | | | | | | | | | | |
| Seqn= 64 | | 15-time(s) | | 60.0sec | | | | | | | | | | | |
| thin-Be/Open | thin-Be/thick-Be | close | Safe | Norm | 16ms | Obs | 1x1 | 384x384 (1024, 1024) | | Q=95 | 1 | 0 | 2.0sec | | |
| med-Be/Open | med-Be/thick-Al | close | Safe | Norm | 63ms | Obs | 1x1 | 384x384 (1024, 1024) | | Q=95 | 1 | 0 | 2.0sec | | |
| Seqn= 15 | | 1-time(s) | | 4.0sec | | | | | | | | | | | |
| 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 | | |
| Open/thick-Al | Open/thick-Al | close | Safe | Dark | 1.00s | Obs | 2x2 | 512x512 (1024, 1024) | | Q=98 | 0 | 0 | 2.0sec | | |
| Subr= 3 | | 25-time(s) | | 2.0sec | | | | | | | | | | | |
| Seqn= 18 | | 1-time(s) | | 600.0sec | | | | | | | | | | | |
| thin-Be/Open | thin-Be/thick-Be | close | Safe | Norm | 125ms | Obs | 1x1 | 384x384 (1024, 1024) | | Q=95 | 1 | 0 | 2.0sec | | |
| med-Be/Open | med-Be/thick-Al | close | Safe | Norm | 354ms | Obs | 1x1 | 384x384 (1024, 1024) | | Q=95 | 1 | 0 | 2.0sec | | |
| Seqn= 15 | | 1-time(s) | | 4.0sec | | | | | | | | | | | |
| 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 | | |
| 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 | | | |

* * * * *

Active Region Search

* * * * *

NOT USED

* * * * *

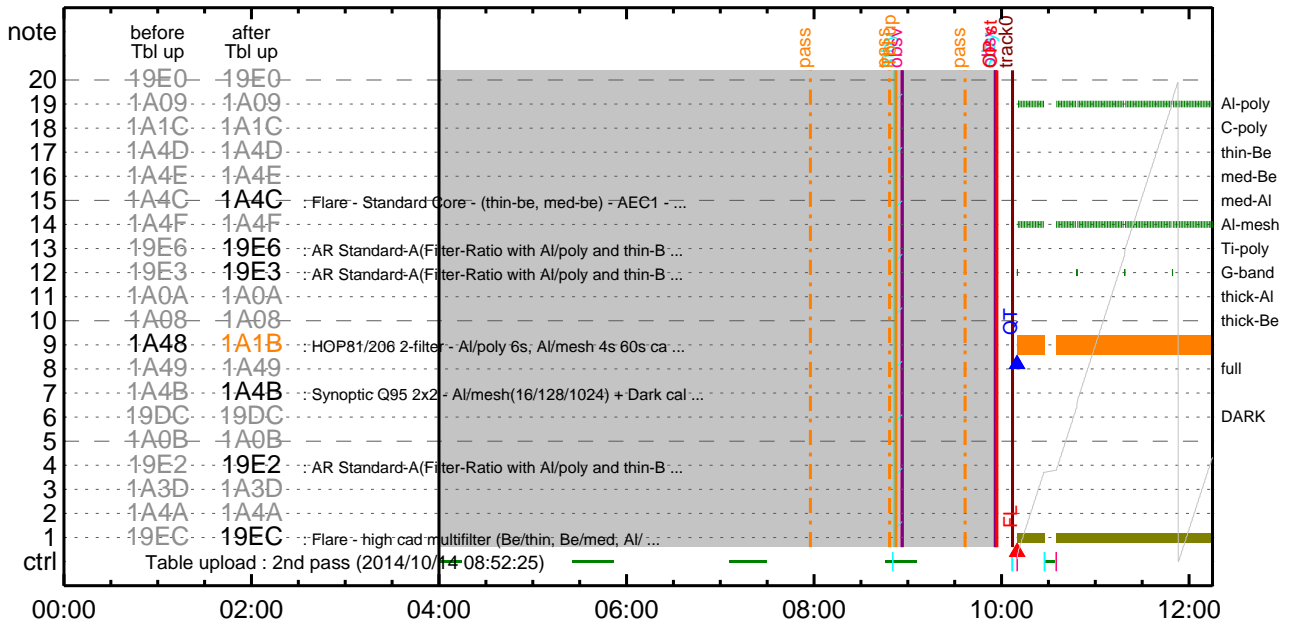
Flare Detection

* * * * *

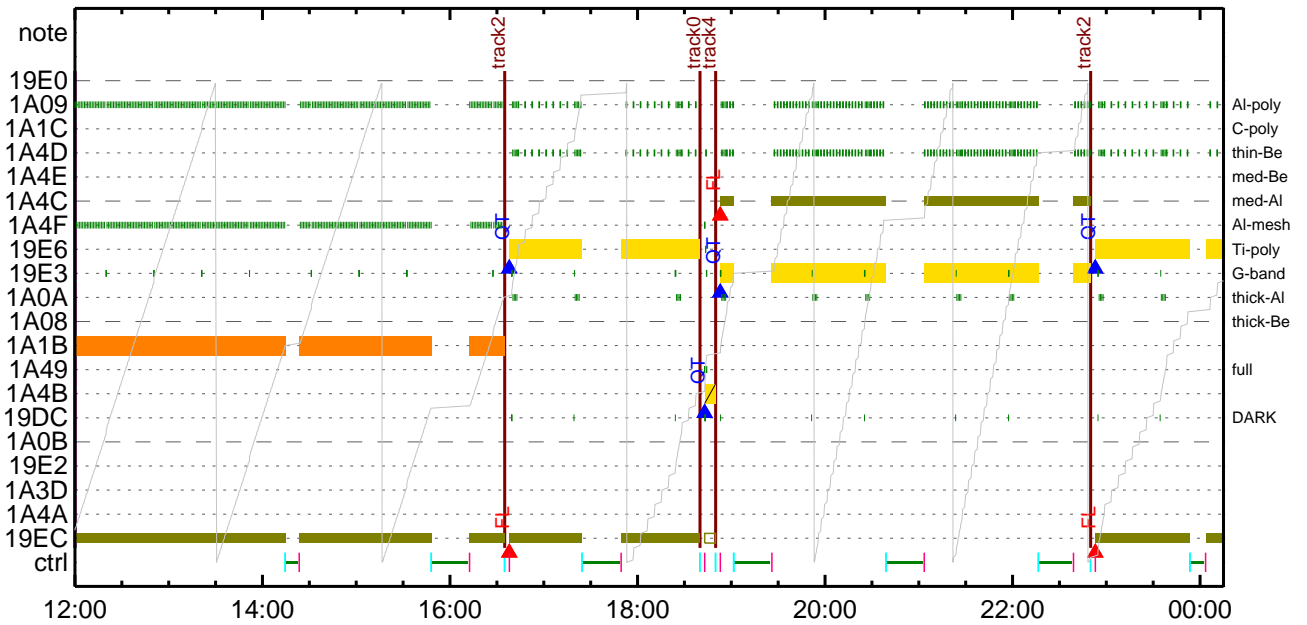
FLD Patrol

| Term | Pointing (x, y) | Comment | | | | | | | | | | | |
|---------------------------------|---|-----------------------------|------|-------|------|-----|-----|--------------------|--|-------|------------|----------|--|
| 10/14 18:50:18 - 10/15 05:34:48 | Track (627.1, 266.6) ^{® 10/14 18:50:00} | HOP 269, prominence on disk | | | | | | | | | | | |
| 10/15 05:44:48 - 10/15 17:37:18 | Track (-618.7, -236.4) ^{® 10/15 05:44:30} | AR 12187 | | | | | | | | | | | |
| 10/16 04:10:18 - 10/18 09:25:00 | Track (-449.5, -247.5) ^{® 10/16 04:10:00} | AR 12187 | | | | | | | | | | | |
| 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 | |

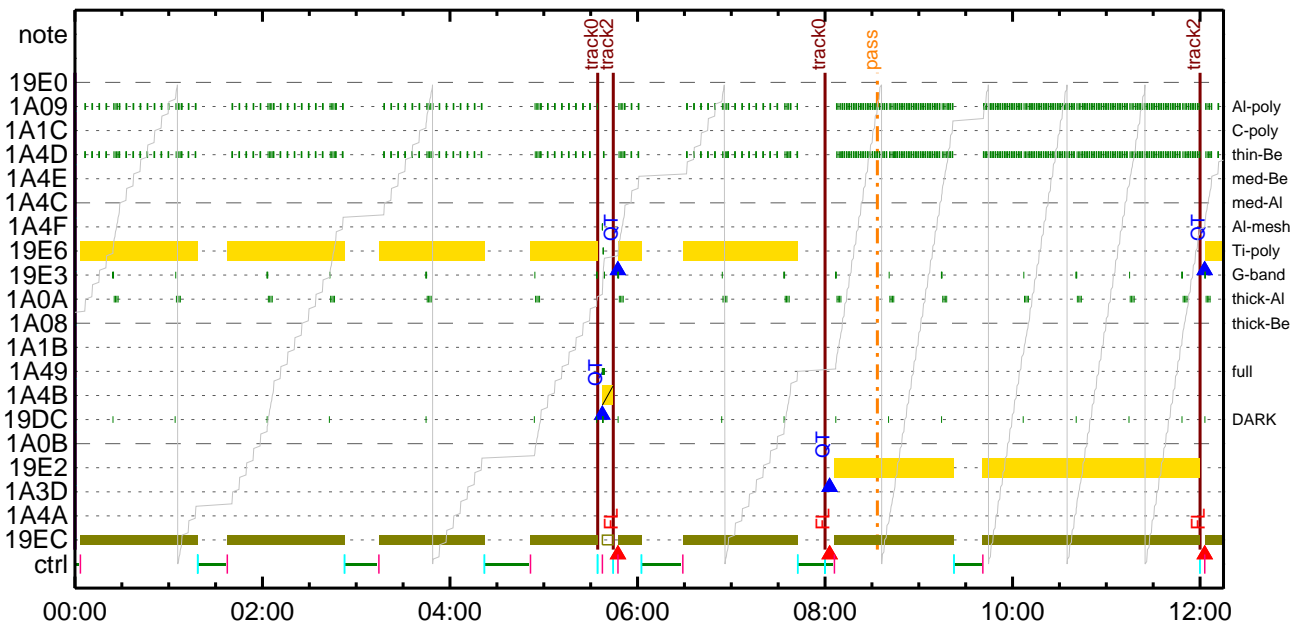
CMDI #0636 2014/10/14



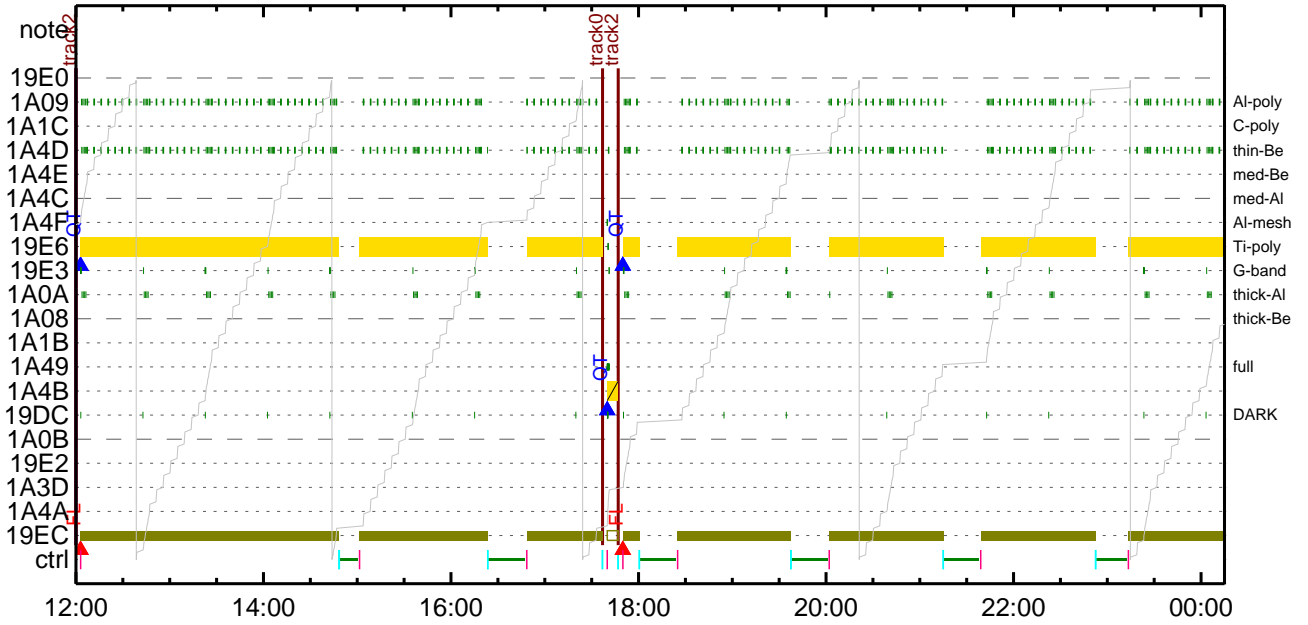
CMDI #0636 2014/10/14



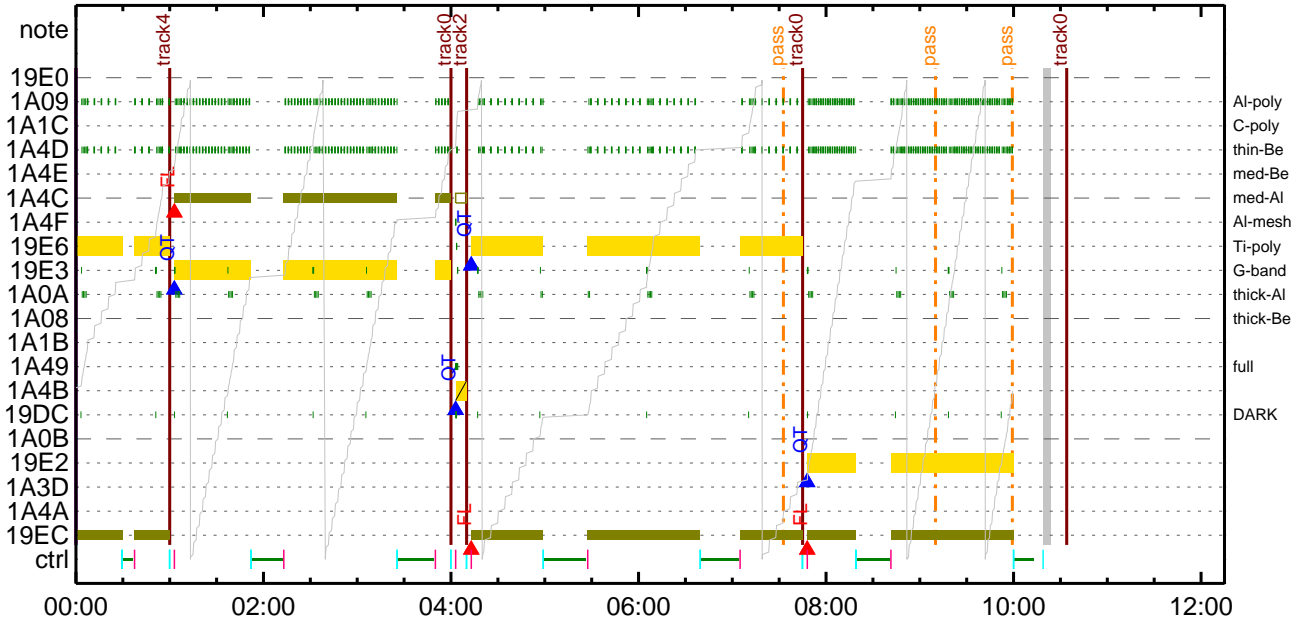
CMDI #0636 2014/10/15



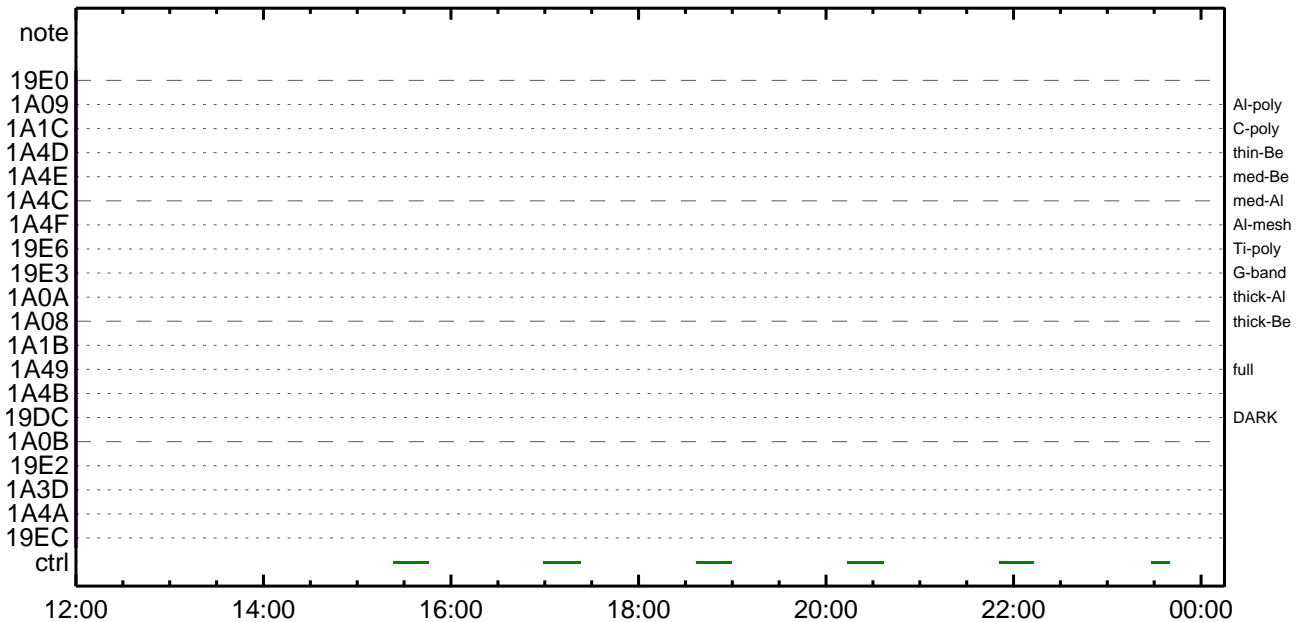
CMDI #0636 2014/10/15



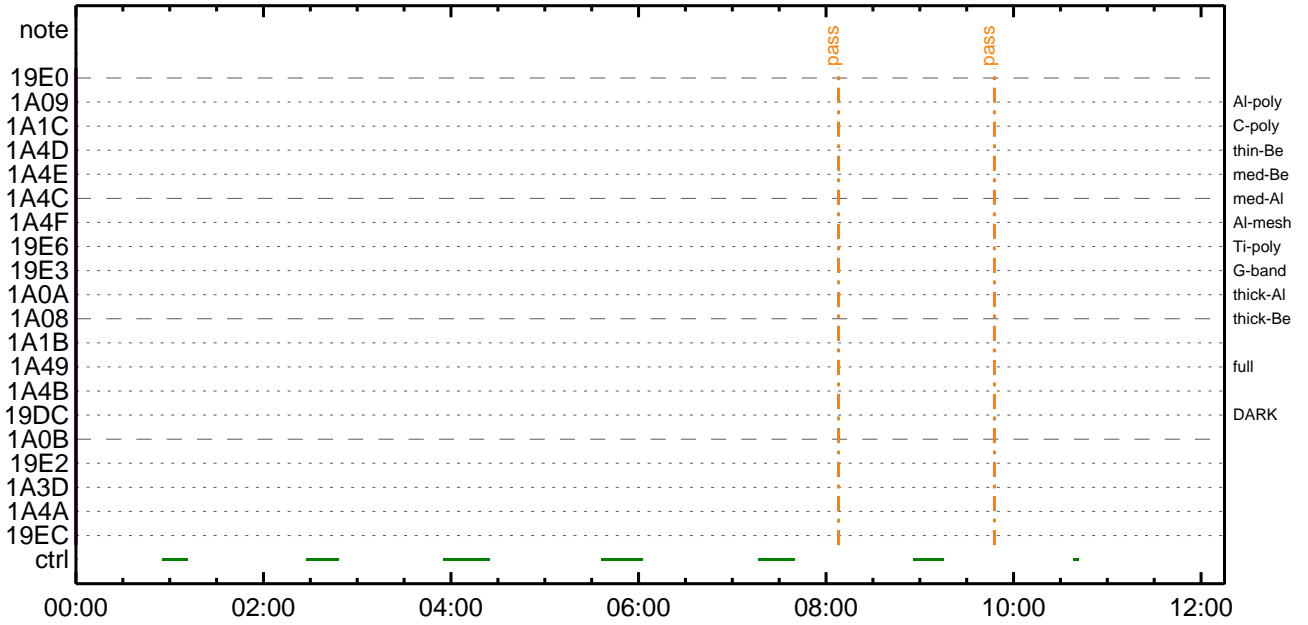
CMDI #0636 2014/10/16



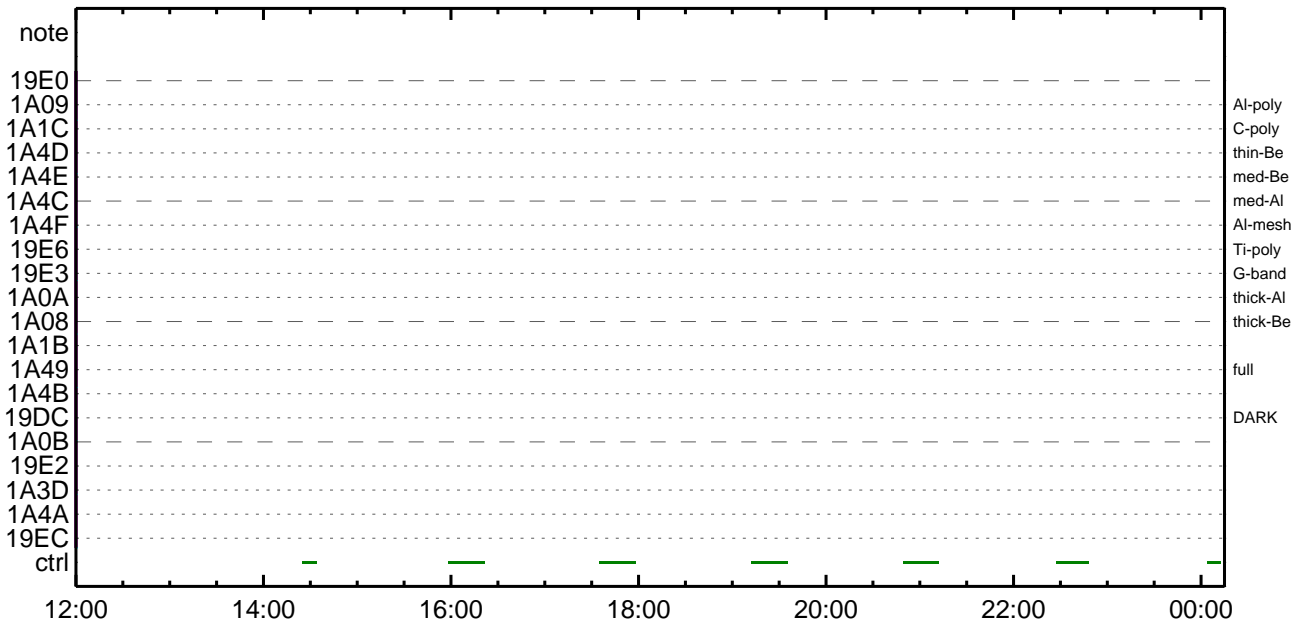
CMDI #0636 2014/10/16



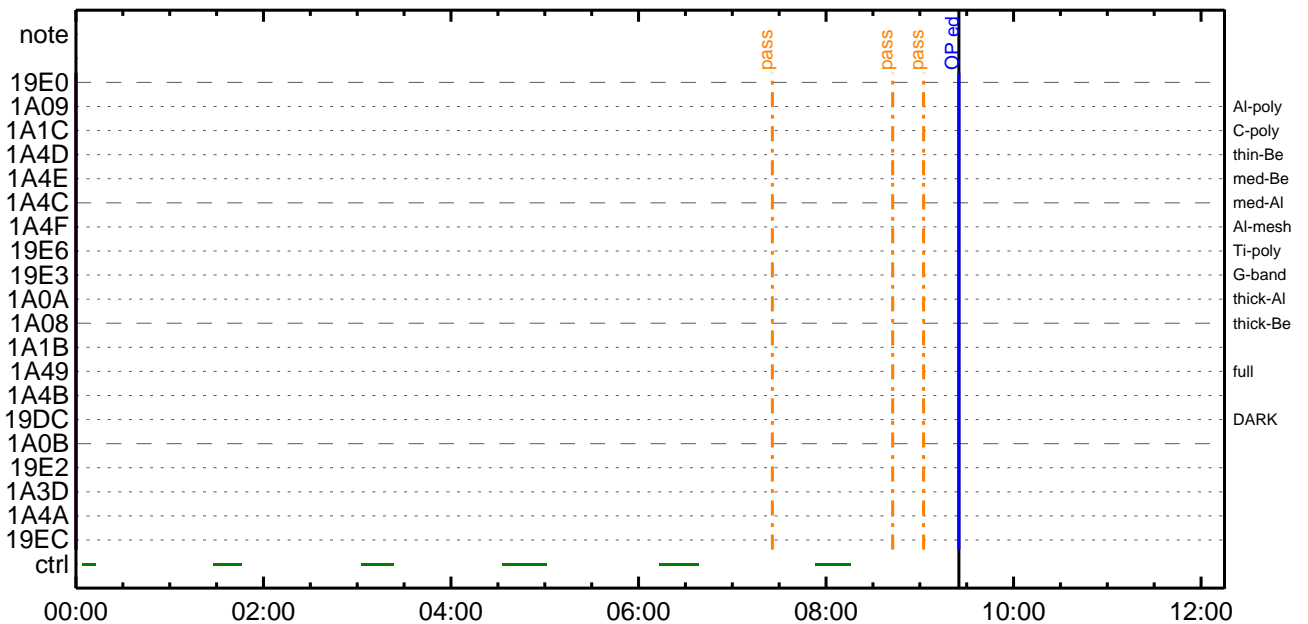
CMDI #0636 2014/10/17



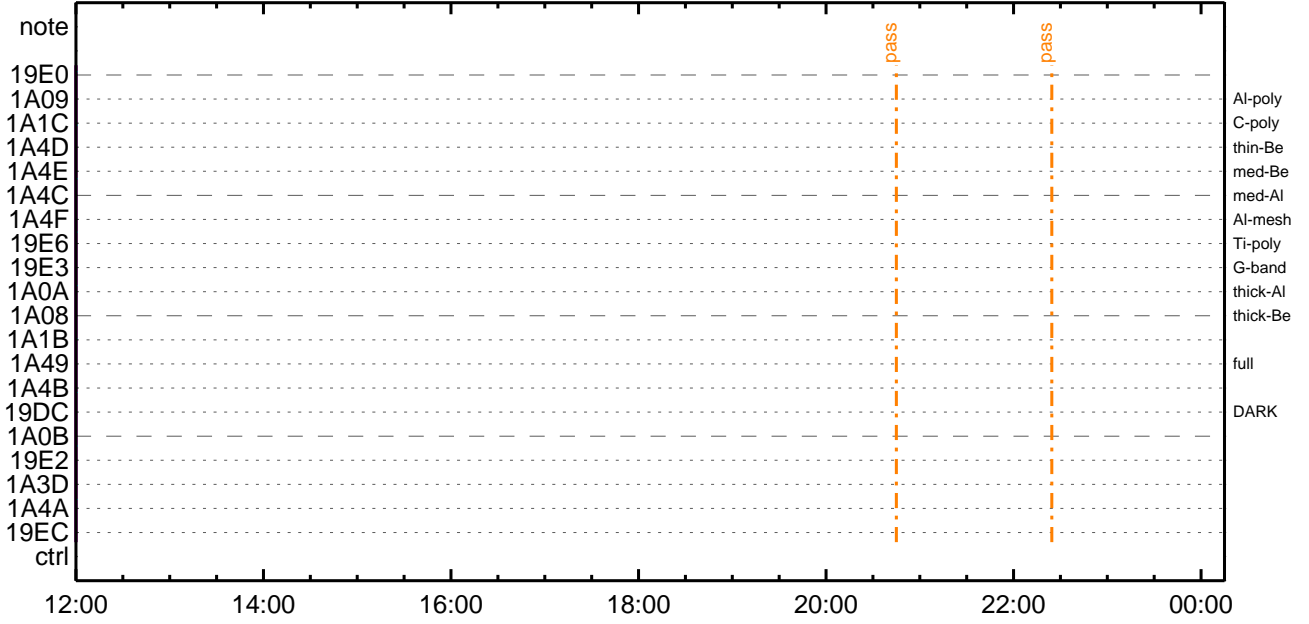
CMDI #0636 2014/10/17



CMDI #0636 2014/10/18



CMDI #0636 2014/10/18



(a) Spacecraft Operation Procedure (real-commands)

```

main-690 2014-10-14 12:22:42 289 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÄY-¼Ä»Û;ä
0005 C.
0006 C. YÀYß;¼Y³YFÝÓYÉÄ+¿©
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;Èò¿òÄò•µ°È»Í×ÁÇòÍYÇYÄY×YÍ;¼YÉ;ÈÈè%µ•íÉ;ÈòÈ¼°Çòò•ò¿¼ì¹çòÍ;çÀ®, ùò¹òÈòòòçÄ+¿©ò•òÈòòòòÈ; f
0011 +. DC 02-8E AOCS_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÁ+¿µ;ON
0016 C. *****
0017 C. ç  °ÈÄ, Í×ÈYòäLOSòòòòÍ»¹òòò¹íí, ò, ; çÉÓÍ×òÈXÁÓONò¹¹òÈò¹òÈòòòòÈ; f
0018 C.
0019 +. DC 03-B4 TCIA_XPA_ON/HI
0020 M. WAIT_SEC 1
0021 + DC 03-84 TCIA_XMOD_ON
0022 M. WAIT_SEC 1
0023 + DC 03-95 TCIA_XMOD_QPSK
0024 C.          çç[HK1_XPA_ON/OFF]                EQ       ON
0025 C.          çç[HK1_XPA_PWR_HI/LO]             EQ       HI
0026 C.          çç[HK1_XMOD_ON/OFF]               EQ       ON
0027 C.          çç[HK1_XMOD_QPSK/PM]              EQ       QPSK
0028 C.
0029 . C. XYDÝÓYÉYÍYÄY-¾ÓÄÔòò-òÄÄèòò•ò¿òé; ç°È²¼òÍ°ÈÄ, ¼È%çòò¼Ä¹òò¹òé; f
0030 C.
0031 . C. *****
0032 C. DR PT1 ÁÍ¼i°ÈÄ,
0033 C. *****
0034 C. ç  °ÈÄ, Í×ÈYòäLOSòòòòÍ»¹òòò¹íí, ò, ; çÉÓÍ×òÈXÁÓONò¹¹òÈò¹òÈòòòòÈ; f
0035 C.
0036 . C. ;ãPT1°ÈÄ, ³«»Í;ä
0037 +. DC 01-29 DHU_S/X_VC4_OFF
0038 + DC 06-C8 DR_PT1_REP_SEL
0039 BC          (01 00)
0040 + DC 06-B3 DR_REP_START
0041 + DC 01-32 DHU_X_VC4_ON
0042 C.          çç[HK1_REP_PT_1/2]                EQ       PT1   (¼Ä¹ò, ;¼Ú)
0043 C.          çç[HK1_REP_STA/STP]              EQ       START (¼Ä¹ò, ;¼Ú)
0044 C.          çç[HK1_X_VC4_ON/OFF]             EQ       ON    (¼Ä¹ò, ;¼Ú)
0045 C.
0046 . C. ;ãYçYóYÈYÉÄÚÄ0;ÈÄ•Ä°²óÈò;È, äòí°ÈÄ, °È³«;ä
0047 +. DC 06-B3 DR_REP_START
0048 + DC 01-32 DHU_X_VC4_ON
0049 C.          çç[HK1_REP_PT_1/2]                EQ       PT1   (¼Ä¹ò, ;¼Ú)
0050 C.          çç[HK1_REP_STA/STP]              EQ       START (¼Ä¹ò, ;¼Ú)
0051 C.          çç[HK1_X_VC4_ON/OFF]             EQ       ON    (¼Ä¹ò, ;¼Ú)
0052 C.
0053 C.
0054 . C. PT1°ÈÄ, ò-¼«È°Ää»ßòò•ò¿, ä; ç°È²¼òò¼Ä¹òò¹òé; f
0055 C. YçYóYÈYÉÄÚÄ0òòÄÄ•Ä°²óÈòò-¼áòò¼ì¹çòÍ°Í»ò¹òÈòòòòçÄòòÄ; f
0056 C.
0057 . C. *****
0058 C. DR PT2 ÁÍ¼i°ÈÄ,
0059 C. *****
0060 C. ç  °ÈÄ, Í×ÈYòäLOSòòòòÍ»¹òòò¹íí, ò, ; çÉÓÍ×òÈXÁÓONò¹¹òÈò¹òÈòòòòÈ; f
0061 C.
0062 . C. ;ãPT2°ÈÄ, ³«»Í;ä
0063 +. DC 01-29 DHU_S/X_VC4_OFF
0064 + DC 06-C8 DR_PT2_REP_SEL
0065 BC          (02 00)
0066 + DC 06-B3 DR_REP_START
0067 + DC 01-32 DHU_X_VC4_ON
0068 C.          çç[HK1_REP_PT_1/2]                EQ       PT2   (¼Ä¹ò, ;¼Ú)
0069 C.          çç[HK1_REP_STA/STP]              EQ       START (¼Ä¹ò, ;¼Ú)
0070 C.          çç[HK1_X_VC4_ON/OFF]             EQ       ON    (¼Ä¹ò, ;¼Ú)
0071 C.
0072 . C. ;ãYçYóYÈYÉÄÚÄ0;ÈÄ•Ä°²óÈò;È, äòí°ÈÄ, °È³«;ä
0073 +. DC 06-B3 DR_REP_START
0074 + DC 01-32 DHU_X_VC4_ON
0075 C.          çç[HK1_REP_PT_1/2]                EQ       PT2   (¼Ä¹ò, ;¼Ú)
0076 C.          çç[HK1_REP_STA/STP]              EQ       START (¼Ä¹ò, ;¼Ú)
0077 C.          çç[HK1_X_VC4_ON/OFF]             EQ       ON    (¼Ä¹ò, ;¼Ú)
0078 C.
0079 . C. *****
0080 C. DR°ÈÄ, Ää»ß;çXÁ+¿µ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°ÈÄ, Ää»ß;ä
0084 +. DC 06-B4 DR_REP_STOP
0085 + DC 01-29 DHU_S/X_VC4_OFF
0086 C.          çç[HK1_REP_STA/STP]              EQ       STOP
0087 C.          çç[HK1_S_VC4_ON/OFF]             EQ       OFF
0088 C.          çç[HK1_X_VC4_ON/OFF]             EQ       OFF
0089 C.
0090 . C. ;ãXÁ+¿µ;OFF;ä
0091 +. DC 03-85 TCIA_XMOD_OFF
0092 M. WAIT_SEC 1
0093 + DC 03-B5 TCIA_XPA_OFF
0094 C.          çç[HK1_XMOD_ON/OFF]              EQ       OFF
0095 C.          çç[HK1_XPA_ON/OFF]              EQ       OFF

```



```
0096 C.
0097 C.
0098 . C. *****
0099 C. OP/OGY1;Y4E;YAY6Yx
0100 C. *****
0101 C.
0102 . C. ;aOP/OGY1;Y4E;ã
0103 . S. OP op-690:OP
0104 ( )
0105 . S. OG og-690:OG
0106 ( )
0107 C.
0108 . C. ;aNMOG&OPîî°eYAY6Yx;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. YAY6Yx½ª î»ð³ ÎÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 . C. RAM ID=NMOG²î½E¹ç•ë² İOK²ð³ ÎÇ§
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. YAY6Yx½ª î»ð³ ÎÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 . C. RAM ID=NMOG²î½E¹ç•ë² İOK²ð³ ÎÇ§
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. YAY6Yx½ª î»ð³ ÎÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 . C. RAM ID=NMOG, RAM ID=OP²î½E¹ç•ë² İOK²ð³ ÎÇ§
0165 C.
0166 . C. ***** °E²¼²î½E¹ç•ë² İOK²ð³ ÎÇ§ *****
0167 C. DHUYâ;Y4E;E½Y½;Yi;Y4E;E²ðîã¹
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÷ç@NG²î½E¹ç•ë² İOK²ð³ ÎÇ§
0180 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0181 C.
0182 . C. TIY³Y½Y6Yx½ª î»ð³ ÎÇ§ (UT)
0183 +. TI 2014-10-14 09:52:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2014-10-14 09:52:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2014-10-14 09:52:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
```


(a) Spacecraft Operation Procedure (real-commands)

```
main-691 2014-10-14 12:22:42 159 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÀYB;¼Y³YFYÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;È¿¿ãÁß•µ°Æ»Í×ÁÇ¿ÍY¿YÁY×Yí;¼YÉ;ÈÈ%µ•íÉ;ÈßÈ¼°ÇÒã•¿¿l¹çãÍ;çÁ®, ùã¹ãÈßãÇÁ+¿®ã•ãÈããã³ãÈ;f
0011 +. DC 02-8E AOCS_ORB_UPD
0012 C.
0013 C.
0014 . C. ***** AOCS Commands (Tracking Curve Upload) *****
0015 C. Upload the Orbit Element and the Target Attitude
0016 C. RAM-ID:TARGET_ATT
0017 . S. RAM ram-150:TARGET_ATT
0018 ( )
0019 C.
0020 C.
0021 C. Set the dump memory area of TARGET_ATT
0022 +. DC 02-48 AOCS_DUMP_SET
0023 BC (07 00 00 00 18 00)
0024 C.
0025 C. <A_STS1>[MEMORY OPERATE STATUS] ADRS = 070000 [ ]
0026 C.
0027 C.
0028 C. Change the TLMFormatNo for the AOCS Dump Format
0029 +. DC 01-22 DHU_MODE_CHNG
0030 BC (04 0b f8)
0031 C.
0032 C. Wait for AOCS_DUMP to end
0033 C.
0034 . C. Check the dump memory
0035 C.
0036 C. Result = OK [ ]
0037 C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039 BC (02 0a f8)
0040 C.
0041 C. <A_***>[TLM STS] FMT = 2 [ ]
0042 C.
0043 +. DC 02-8E AOCS_ORB_UPD
0044 . C.
0045 . C. ***** AOCS Commands (Orbital Element Update) *****
0046 C. Update the orbital element
0047 +. DC 02-50 AOCS_ORB_PRPGT_START
0048 BC (16)
0049 +. DC 02-8E AOCS_ORB_UPD
0050 C.
0051 C. <A_ORB>[ORBIT] EPC = 2288229.1 +- 1.0 (s) [ ]
0052 C.
0053 . C.
0054 C.
0055 C. ***** XRT START *****
0056 C.
0057 +. DC 07-F0 MDP_XRT_CTRL_MANU
0058 BC (c1)
0059 +. DC 07-F0 MDP_XRT_MODE_STBY
0060 BC (c3)
0061 . C. ----- Success Verify ? OK / NG_____
0062 C.
0063 C. XRT Obs. Table Upload
0064 . S. RAM ram-291:MDP_OBS_X
0065 ( )
0066 C.
0067 +. DC 07-F0 MDP_DUMP_XRTTBL
0068 BC (84 07 00 00 00 3a d4)
0069 . C. ----- Comparison Check ? OK / ERR _____
0070 C.
0071 C.
0072 +. DC 07-F0 MDP_XRT_ROI_SET
0073 BC (cd 01 b1 b1 04 04)
0074 +. DC 07-F0 MDP_XRT_ROI_SET
0075 BC (cd 02 b1 b1 08 08)
0076 +. DC 07-F0 MDP_XRT_ROI_SET
0077 BC (cd 03 b1 b1 08 08)
0078 +. DC 07-F0 MDP_XRT_ROI_SET
0079 BC (cd 04 b1 b1 06 06)
0080 +. DC 07-F0 MDP_XRT_ROI_SET
0081 BC (cd 05 85 83 06 06)
0082 +. DC 07-F0 MDP_XRT_ROI_SET
0083 BC (cd 06 85 83 06 06)
0084 +. DC 07-F0 MDP_XRT_ROI_SET
0085 BC (cd 07 85 83 08 08)
0086 +. DC 07-F0 MDP_XRT_ROI_SET
0087 BC (cd 08 80 80 20 20)
0088 +. DC 07-F0 MDP_XRT_ROI_SET
0089 BC (cd 09 80 80 20 08)
0090 +. DC 07-F0 MDP_XRT_ROI_SET
0091 BC (cd 0a 80 80 08 20)
0092 +. DC 07-F0 MDP_XRT_ROI_SET
0093 BC (cd 0f 80 80 06 06)
0094 +. DC 07-F0 MDP_XRT_ROI_SET
0095 BC (cd 10 80 80 08 08)
```

```
0096 + DC 07-F0 MDP_XRT_FLD_ENA
0097 BC (d8)
0098 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0099 BC (c8)
0100 + DC 07-F0 MDP_XRT_AEC_RESET
0101 BC (d0)
0102 + DC 07-F0 MDP_XRT_ARS_DIS
0103 BC (d5)
0104 + DC 07-F0 MDP_XRT_FLD_RESET
0105 BC (da)
0106 . C. ----- Success Verify ? OK / NG ____
0107 C.
0108 C.
0109 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0110 C.
0111 +. DC 07-F0 MDP_XRT_MODE_OBSV
0112 BC (c2)
0113 +. TI 2014-10-14 09:56:02.0
0114 DC 07-F0 MDP_XRT_MODE_OBSV
0115 BC (c2)
0116 . C. ----- Success Verify ? OK / NG ____
0117 C.
0118 C. ***** XRT END *****
0119 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0120 +. DC 07-FC EIS_MODE_CHG_ENA
0121 BC (20)
0122 . C. Verify EIS_MODE_CHG_FLG is ENA
0123 +. DC 07-FC EIS_MODE_MANU
0124 BC (21 02)
0125 . C. Verify EIS in MANUAL mode
0126 . C. Estimated OBSTBL upload time is 23s
0127 C. *****
0128 C. EIS START OBSTBL LOAD
0129 C. *****
0130 . S. RAM ram-820:EIS_OBSTBL
0131 ( )
0132 +. DC 07-FC EIS_DUMP_OBSTBL
0133 BC (07 07 07 00 00 70 00)
0134 C.
0135 C. Execute, after the success of OBSTBL upload.
0136 C. Set EIS TI-commands
0137 +. TI 2014-10-14 09:56:50.0
0138 DC 07-FC EIS_MODE_CHG_ENA
0139 BC (20)
0140 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0141 C. *****
0142 C. EIS END OBSTBL LOAD
0143 C. *****
0144 C.
0145 . C. ***** MDP `ôÃîñî»ô%ÿñÊÃð¹ñèDCBC•x²è *****
0146 C. (¾ã°îÿÓÿÃÿÈÿPÿËÿâÿçÿèñÈ¾ã¾Ã»Ûñ¹ñè)
0147 . S. DC-BC dcbc-402:DCBC
0148 (MDP_known_event)
0149 C.
0150 C.
0151 . C. ***** ÿÐÿ¹.Ï Daily±;îÑñÈ´Øñ¹ñèDCBC•x²è *****
0152 . S. DC-BC dcbc-153:DCBC
0153 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0154 C.
0155 C.
0156 . C. ;ãLOSÿÃÿSÿÿÿÿ¼Ã»Û;ã
0157 C.
0158 . C. ***** LOS *****
0159 C.
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0096 C.
0097 C.
0098 . C. *****
0099 C. SOT table upload
0100 C. *****
0101 . C. < Stop FG table >
0102 +. DC 07-F0 MDP_FG_CTRL_MANU
0103 BC (51)
0104 . C. -----
0105 C. MDP_FG_CTRL_MODE = MANU [ ]
0106 C. -----
0107 C.
0108 . C. <Upload FG Observation Table>
0109 . S. RAM ram-261:MDP_OBS_F
0110 ( )
0111 C.
0112 . C. < Dump RAMID=MDP_OBS_F >
0113 +. DC 07-F0 MDP_DUMP_FGTBL
0114 BC (82 07 00 00 00 38 b8)
0115 C. -----
0116 C. MDP_OBS_F verify = OK/NG [ ]
0117 C. -----
0118 C.
0119 . C. < Upload DPL table >
0120 C.
0121 C. ¥çYÃ¥×¥í;¼¥É°îÁ°ñÈSTS_CHKñðOFFñÈñ¹ñè
0122 C.
0123 . S. RAM ram-271:MDP_DPL
0124 ( )
0125 C.
0126 . C. < Dump RAMID=MDP_DPL >
0127 +. DC 07-F0 MDP_DUMP_FGTBL
0128 BC (82 07 00 38 b8 00 40)
0129 C. -----
0130 C. MDP_DPL verify = OK [ ]
0131 C. -----
0132 C.
0133 C. STS_CHKñðONñÈñ¹ñè
0134 C.
0135 . C. < Update MDP DSC PAR1 >
0136 +. DC 07-F0 MDP_DSC_PAR1_UPDATE
0137 BC (4c)
0138 C. MDP_CMD_CODE = F04C0700[ ]
0139 C. MDP_CMD_CNT (count-up 1) [ ]
0140 C. -----
0141 C.
0142 . C.
0143 C. *****
0144 C. SOT TI command set
0145 C. *****
0146 C. Execute, after the success of TBL upload.
0147 +. TI 2014-10-14 09:56:18.0
0148 DC 07-F0 MDP_SOT_MODE_OBSV
0149 BC (40)
0150 . C. -----
0151 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0152 C. -----
0153 C.
0154 C.
0155 . C. ***** MDP `úÃîîî»ò¼YñÈÁñ¹ñèDCBC•x²è *****
0156 C. (¼ã°îYÓYÃYÉY¥YÉYáYçYèñÈ¼ñ¼Á»Ûñ¹ñè)
0157 . S. DC-BC dcbc-402:DCBC
0158 (MDP_known_event)
0159 C.
0160 C.
0161 . C. ***** ¥D¥¹•İ Daily±çİÑñÈ´Øñ¹ñèDCBC•x²è *****
0162 . S. DC-BC dcbc-153:DCBC
0163 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0164 C.
0165 C.
0166 . C. ;ãLOS¥Ã¥S¥Ã¥¹¼Á»Û;ã
0167 C.
0168 . C. ***** LOS *****
0169 C.

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*** OP Sequence for XRT ***

| | | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|
| 2014/10/14 | 10:06:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2014/10/14 | 10:06:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2014/10/14 | 10:06:58.0 | XRT_FOCUS_POSITION_404_OG [0x194] | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | |
| 2014/10/14 | 10:07:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 b1 59 02 24 | | | |
| 2014/10/14 | 10:07:18.0 | XRT_FLD_ENA_414_OG [0x19e] | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2014/10/14 | 10:09:48.0 | XRT_FLRCTRL_ENA_428_OG [0x1ac] | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2014/10/14 | 10:09:50.0 | XRT_AEC_RESET_413_OG [0x19d] | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2014/10/14 | 10:09:52.0 | XRT_ARS_DIS_448_OG [0x1c0] | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2014/10/14 | 10:09:54.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2014/10/14 | 10:09:56.0 | XRT_QT_PROG_SET_417_OG [0x1a1] | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09 | | | |
| 2014/10/14 | 10:09:58.0 | XRT_FL_PROG_SET_438_OG [0x1b6] | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 01 | | | |
| 2014/10/14 | 10:10:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2014/10/14 | 10:27:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2014/10/14 | 10:27:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2014/10/14 | 10:27:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2014/10/14 | 10:27:36.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2014/10/14 | 10:30:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2014/10/14 | 10:34:00.5 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2014/10/14 | 10:35:00.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2014/10/14 | 14:14:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2014/10/14 | 14:14:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2014/10/14 | 14:14:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2014/10/14 | 14:14:36.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2014/10/14 | 14:17:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2014/10/14 | 14:22:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2014/10/14 | 14:23:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2014/10/14 | 15:48:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2014/10/14 | 15:48:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2014/10/14 | 15:48:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2014/10/14 | 15:48:06.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | |
| 2014/10/14 | 15:51:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | |
| 2014/10/14 | 16:11:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2014/10/14 | 16:12:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2014/10/14 | 16:34:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2014/10/14 | 16:34:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2014/10/14 | 16:34:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | |
| 2014/10/14 | 16:35:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | | | |
| 2014/10/14 | 16:35:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | |
| 2014/10/14 | 16:35:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | |
| 2014/10/14 | 16:35:22.0 | XRT_AEC_RESET_413_OG [0x19d] | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | |
| 2014/10/14 | 16:35:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2014/10/14 | 16:35:26.0 | XRT_FLD_RESET_407_OG [0x197] | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | |
| 2014/10/14 | 16:37:56.0 | XRT_QT_PROG_SET_440_OG [0x1b8] | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0d | | | |
| 2014/10/14 | 16:37:58.0 | XRT_FL_PROG_SET_438_OG [0x1b6] | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 01 | | | |
| 2014/10/14 | 16:38:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2014/10/14 | 17:24:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2014/10/14 | 17:24:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|
| 2014/10/14 | 17:24:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2014/10/14 | 17:24:36.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2014/10/14 | 17:27:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2014/10/14 | 17:48:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2014/10/14 | 17:49:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2014/10/14 | 18:39:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/10/14 | 18:39:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/10/14 | 18:39:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2014/10/14 | 18:40:00.0 | AOCS_Ore-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2014/10/14 | 18:40:18.0 | XRT_FLD_DIS_422_OG [0x1a6] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2014/10/14 | 18:42:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2014/10/14 | 18:42:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2014/10/14 | 18:42:58.0 | XRT_QT_PROG_SET_429_OG [0x1ad] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 07 |
| 2014/10/14 | 18:43:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2014/10/14 | 18:49:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/10/14 | 18:49:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/10/14 | 18:49:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2014/10/14 | 18:50:00.0 | AOCS_Ore-point_Start_4_OG [0x09a] | AOCU_NM | 5 | 02-76 | 04 00 00 00 00 |
| 2014/10/14 | 18:50:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2014/10/14 | 18:50:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2014/10/14 | 18:50:22.0 | XRT_AEC_RESET_413_OG [0x19d] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2014/10/14 | 18:50:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2014/10/14 | 18:50:26.0 | XRT_FLD_RESET_407_OG [0x197] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2014/10/14 | 18:52:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0c |
| 2014/10/14 | 18:52:58.0 | XRT_FL_PROG_SET_421_OG [0x1a5] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0f |
| 2014/10/14 | 18:53:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2014/10/14 | 19:01:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/10/14 | 19:01:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/10/14 | 19:01:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2014/10/14 | 19:01:36.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2014/10/14 | 19:04:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2014/10/14 | 19:25:01.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2014/10/14 | 19:26:01.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2014/10/14 | 20:39:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/10/14 | 20:39:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/10/14 | 20:39:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2014/10/14 | 20:39:06.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2014/10/14 | 20:42:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2014/10/14 | 21:02:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2014/10/14 | 21:03:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2014/10/14 | 22:16:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/10/14 | 22:16:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/10/14 | 22:16:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2014/10/14 | 22:16:36.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2014/10/14 | 22:19:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2014/10/14 | 22:38:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2014/10/14 | 22:39:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2014/10/14 | 22:49:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/10/14 | 22:49:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | |

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|------------|------------|-----------------------------------|------------------------------|---|-------|----------------|
| 2014/10/14 | 22:49:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/10/14 | 22:50:00.0 | AOCS_OrE-point_Start_2_OG [0x098] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2014/10/14 | 22:50:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 |
| 2014/10/14 | 22:50:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2014/10/14 | 22:50:22.0 | XRT_AEC_RESET_413_OG [0x19d] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2014/10/14 | 22:50:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2014/10/14 | 22:50:26.0 | XRT_FLD_RESET_407_OG [0x197] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2014/10/14 | 22:52:56.0 | XRT_QT_PROG_SET_440_OG [0x1b8] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2014/10/14 | 22:52:58.0 | XRT_FL_PROG_SET_438_OG [0x1b6] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0d |
| 2014/10/14 | 22:53:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 01 |
| 2014/10/14 | 23:53:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2014/10/14 | 23:53:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/10/14 | 23:53:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/10/14 | 23:53:36.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2014/10/14 | 23:56:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2014/10/15 | 00:02:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2014/10/15 | 00:03:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | | | |
| 2014/10/15 | 01:18:30.0 | XRT_CTRL_MANU_400_OG [0x190] | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| 2014/10/15 | 01:18:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2014/10/15 | 01:18:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/10/15 | 01:18:36.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/10/15 | 01:21:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2014/10/15 | 01:36:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2014/10/15 | 01:37:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2014/10/15 | 02:52:30.0 | XRT_CTRL_MANU_400_OG [0x190] | XRT_Custom_430_OG [0x1ae] | | | |
| 2014/10/15 | 02:52:32.0 | XRT_CTRL_MANU_402_OG [0x192] | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| 2014/10/15 | 02:52:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2014/10/15 | 02:52:36.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/10/15 | 02:52:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/10/15 | 02:55:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2014/10/15 | 03:13:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2014/10/15 | 03:14:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2014/10/15 | 04:22:00.0 | XRT_CTRL_MANU_400_OG [0x190] | XRT_Custom_430_OG [0x1ae] | | | |
| 2014/10/15 | 04:22:02.0 | XRT_CTRL_MANU_402_OG [0x192] | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| 2014/10/15 | 04:22:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2014/10/15 | 04:22:06.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/10/15 | 04:25:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/10/15 | 04:50:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2014/10/15 | 04:51:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2014/10/15 | 05:34:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2014/10/15 | 05:34:26.0 | XRT_CTRL_MANU_402_OG [0x192] | XRT_Custom_430_OG [0x1ae] | | | |
| 2014/10/15 | 05:34:28.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_CTRL_AUTO_424_OG [0x1a8] | | | |
| 2014/10/15 | 05:34:30.0 | AOCS_OrE-point_Start_3_OG [0x099] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2014/10/15 | 05:34:48.0 | XRT_FLD_DIS_422_OG [0x1a6] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/10/15 | 05:37:24.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2014/10/15 | 05:37:26.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2014/10/15 | 05:37:28.0 | XRT_QT_PROG_SET_429_OG [0x1ad] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2014/10/15 | 05:37:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 07 |
| 2014/10/15 | 05:44:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2014/10/15 | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|
| 2014/10/15 | 05:44:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/10/15 | 05:44:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2014/10/15 | 05:44:30.0 | AOCS_ORe-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | |
| 2014/10/15 | 05:44:48.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2014/10/15 | 05:44:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2014/10/15 | 05:44:52.0 | XRT_AEC_RESET_413_OG [0x19d] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2014/10/15 | 05:44:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2014/10/15 | 05:44:56.0 | XRT_FLD_RESET_407_OG [0x197] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2014/10/15 | 05:47:26.0 | XRT_QT_PROG_SET_440_OG [0x1b8] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0d | |
| 2014/10/15 | 05:47:28.0 | XRT_FL_PROG_SET_438_OG [0x1b6] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 01 | |
| 2014/10/15 | 05:47:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2014/10/15 | 06:02:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/10/15 | 06:02:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/10/15 | 06:02:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2014/10/15 | 06:02:36.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2014/10/15 | 06:05:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2014/10/15 | 06:28:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2014/10/15 | 06:29:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2014/10/15 | 07:42:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/10/15 | 07:42:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/10/15 | 07:42:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2014/10/15 | 07:42:36.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2014/10/15 | 07:45:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2014/10/15 | 07:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/10/15 | 07:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/10/15 | 07:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2014/10/15 | 08:00:00.0 | AOCS_ORe-point_Start_5_OG [0x09b] | AOCU_NM | 5 | 02-76 | 00 1a a7 b2 a8 | |
| 2014/10/15 | 08:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2014/10/15 | 08:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2014/10/15 | 08:00:22.0 | XRT_AEC_RESET_413_OG [0x19d] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2014/10/15 | 08:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2014/10/15 | 08:00:26.0 | XRT_FLD_RESET_407_OG [0x197] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2014/10/15 | 08:02:56.0 | XRT_QT_PROG_SET_433_OG [0x1b1] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 04 | |
| 2014/10/15 | 08:02:58.0 | XRT_FL_PROG_SET_438_OG [0x1b6] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 01 | |
| 2014/10/15 | 08:05:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2014/10/15 | 08:06:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2014/10/15 | 09:22:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/10/15 | 09:22:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/10/15 | 09:22:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2014/10/15 | 09:22:36.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2014/10/15 | 09:25:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2014/10/15 | 09:40:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2014/10/15 | 09:41:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2014/10/15 | 11:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/10/15 | 11:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/10/15 | 11:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2014/10/15 | 12:00:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | |
| 2014/10/15 | 12:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----|-------------|
| 2014/10/15 | 12:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2014/10/15 | 12:00:22.0 | XRT_AEC_RESET_413_OG [0x19d] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2014/10/15 | 12:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2014/10/15 | 12:00:26.0 | XRT_FLD_RESET_407_OG [0x197] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2014/10/15 | 12:02:56.0 | XRT_QT_PROG_SET_440_OG [0x1b8] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0d |
| 2014/10/15 | 12:02:58.0 | XRT_FL_PROG_SET_438_OG [0x1b6] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 01 |
| 2014/10/15 | 12:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2014/10/15 | 14:48:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/10/15 | 14:48:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/10/15 | 14:48:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2014/10/15 | 14:48:36.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2014/10/15 | 14:51:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2014/10/15 | 15:00:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2014/10/15 | 15:01:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2014/10/15 | 16:23:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/10/15 | 16:23:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/10/15 | 16:23:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2014/10/15 | 16:23:36.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2014/10/15 | 16:26:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2014/10/15 | 16:47:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2014/10/15 | 16:48:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2014/10/15 | 17:36:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/10/15 | 17:36:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/10/15 | 17:36:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff aa 00 |
| 2014/10/15 | 17:37:00.0 | AOCS_OrE-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 00 | 00 00 00 00 |
| 2014/10/15 | 17:37:18.0 | XRT_FLD_DIS_422_OG [0x1a6] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2014/10/15 | 17:39:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2014/10/15 | 17:39:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2014/10/15 | 17:39:58.0 | XRT_QT_PROG_SET_429_OG [0x1ad] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 07 |
| 2014/10/15 | 17:40:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2014/10/15 | 17:46:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/10/15 | 17:46:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/10/15 | 17:46:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe 97 00 |
| 2014/10/15 | 17:47:00.0 | AOCS_OrE-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 02 | 00 00 00 00 |
| 2014/10/15 | 17:47:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2014/10/15 | 17:47:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2014/10/15 | 17:47:22.0 | XRT_AEC_RESET_413_OG [0x19d] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2014/10/15 | 17:47:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2014/10/15 | 17:47:26.0 | XRT_FLD_RESET_407_OG [0x197] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2014/10/15 | 17:49:56.0 | XRT_QT_PROG_SET_440_OG [0x1b8] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 0d |
| 2014/10/15 | 17:49:58.0 | XRT_FL_PROG_SET_438_OG [0x1b6] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 01 |
| 2014/10/15 | 17:50:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2014/10/15 | 18:00:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/10/15 | 18:00:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2014/10/15 | 18:00:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2014/10/15 | 18:00:36.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2014/10/15 | 18:03:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2014/10/15 | 18:24:01.0 | XRT_Custom_430_OG [0x1ae] | | | | | |

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|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2014/10/15 | 18:25:01.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2014/10/15 | 19:37:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/10/15 | 19:37:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/10/15 | 19:37:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2014/10/15 | 19:37:36.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2014/10/15 | 19:40:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2014/10/15 | 20:01:01.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2014/10/15 | 20:02:01.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2014/10/15 | 21:15:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/10/15 | 21:15:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/10/15 | 21:15:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2014/10/15 | 21:15:06.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2014/10/15 | 21:18:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2014/10/15 | 21:38:01.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2014/10/15 | 21:39:01.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2014/10/15 | 22:52:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/10/15 | 22:52:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/10/15 | 22:52:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2014/10/15 | 22:52:36.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2014/10/15 | 22:55:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2014/10/15 | 23:12:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2014/10/15 | 23:13:30.5 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2014/10/16 | 00:29:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/10/16 | 00:29:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/10/16 | 00:29:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2014/10/16 | 00:29:36.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2014/10/16 | 00:32:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2014/10/16 | 00:36:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2014/10/16 | 00:37:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2014/10/16 | 00:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/10/16 | 00:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/10/16 | 00:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2014/10/16 | 01:00:00.5 | AOCS_ORe-point_Start_4_OG [0x09a] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 00 00 00 00 | | | | |
| 2014/10/16 | 01:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2014/10/16 | 01:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2014/10/16 | 01:00:22.0 | XRT_AEC_RESET_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2014/10/16 | 01:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2014/10/16 | 01:00:26.0 | XRT_FLD_RESET_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2014/10/16 | 01:02:56.0 | XRT_QT_PROG_SET_425_OG [0x1a9] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0c | | | | |
| 2014/10/16 | 01:02:58.0 | XRT_FL_PROG_SET_421_OG [0x1a5] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0f | | | | |
| 2014/10/16 | 01:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2014/10/16 | 01:52:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/10/16 | 01:52:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/10/16 | 01:52:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2014/10/16 | 01:52:06.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2014/10/16 | 01:55:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2014/10/16 | 02:12:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2014/10/16 | 02:13:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2014/10/16 | 03:25:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|--|
| 2014/10/16 | 03:25:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2014/10/16 | 03:25:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2014/10/16 | 03:25:36.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2014/10/16 | 03:28:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2014/10/16 | 03:49:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2014/10/16 | 03:50:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2014/10/16 | 03:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2014/10/16 | 03:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2014/10/16 | 03:59:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | |
| 2014/10/16 | 04:00:00.0 | AOCS_Ore-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | |
| 2014/10/16 | 04:00:18.0 | XRT_FLD_DIS_422_OG [0x1a6] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | |
| 2014/10/16 | 04:02:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | |
| 2014/10/16 | 04:02:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2014/10/16 | 04:02:58.0 | XRT_QT_PROG_SET_429_OG [0x1ad] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 07 | | |
| 2014/10/16 | 04:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2014/10/16 | 04:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2014/10/16 | 04:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2014/10/16 | 04:09:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | |
| 2014/10/16 | 04:10:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 02 00 00 00 00 | | |
| 2014/10/16 | 04:10:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2014/10/16 | 04:10:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2014/10/16 | 04:10:22.0 | XRT_AEC_RESET_413_OG [0x19d] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2014/10/16 | 04:10:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2014/10/16 | 04:10:26.0 | XRT_FLD_RESET_407_OG [0x197] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2014/10/16 | 04:12:56.0 | XRT_QT_PROG_SET_440_OG [0x1b8] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 0d | | |
| 2014/10/16 | 04:12:58.0 | XRT_FL_PROG_SET_438_OG [0x1b6] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 01 | | |
| 2014/10/16 | 04:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2014/10/16 | 04:59:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2014/10/16 | 04:59:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2014/10/16 | 04:59:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2014/10/16 | 04:59:06.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2014/10/16 | 05:02:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2014/10/16 | 05:26:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2014/10/16 | 05:27:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2014/10/16 | 06:39:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2014/10/16 | 06:39:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2014/10/16 | 06:39:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2014/10/16 | 06:39:36.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2014/10/16 | 06:42:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2014/10/16 | 07:04:00.0 | XRT_Custom_430_OG [0x1ae] | | | | | | |
| 2014/10/16 | 07:05:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2014/10/16 | 07:44:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2014/10/16 | 07:44:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2014/10/16 | 07:44:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | |
| 2014/10/16 | 07:45:00.5 | AOCS_Ore-point_Start_5_OG [0x09b] | AOCU_NM | 5 | 02-76 | 00 1a a7 b2 a8 | | |
| 2014/10/16 | 07:45:18.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2014/10/16 | 07:45:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2014/10/16 | 07:45:22.0 | XRT_AEC_RESET_413_OG [0x19d] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |

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|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2014/10/16 | 07:45:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2014/10/16 | 07:45:26.0 | XRT_FLD_RESET_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2014/10/16 | 07:47:56.0 | XRT_QT_PROG_SET_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 04 | | | | |
| 2014/10/16 | 07:47:58.0 | XRT_FL_PROG_SET_438_OG [0x1b6] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 01 | | | | |
| 2014/10/16 | 07:48:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2014/10/16 | 08:19:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/10/16 | 08:19:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/10/16 | 08:19:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2014/10/16 | 08:19:06.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2014/10/16 | 08:22:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2014/10/16 | 08:40:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2014/10/16 | 08:41:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2014/10/16 | 10:00:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/10/16 | 10:00:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/10/16 | 10:00:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2014/10/16 | 10:00:06.0 | XRT_PREFLR_STRT_439_OG [0x1b7] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2014/10/16 | 10:03:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2014/10/16 | 10:18:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2014/10/16 | 10:34:00.0 | AOCS_ORe-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |