

XRT Timeline to be uploaded on 2007/10/27

Period: 2007/10/27 10:43:00 - 2007/10/30 10:57:00

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Normal mode

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| XOB #1439: QS Limb (west or east) - C/poly - 512x1024 -dark-Gband-lower cadence | | | | | | | | | | | | | |
|---|--|-----------------|---|------|-------|-------|-----|-----|-----------------------|-------|------------|----------|---------|
| Term | Pointing (x, y) | | Comment | | | | | | | | | | |
| 10/27 10:55:02 - 10/27 11:32:54 | Fixed (940.0, -100.0) | | # OP start + 10min, HOP 50 with Oslo, W limb | | | | | | | | | | |
| 10/27 11:45:02 - 10/27 14:59:54 | Fixed (940.0, -100.0) | | # Cont. | | | | | | | | | | |
| 10/28 08:02:02 - 10/28 11:45:54 | Fixed (940.0, -100.0) | | * HOP 50 with Oslo, W limb | | | | | | | | | | |
| 10/28 11:58:02 - 10/28 17:59:54 | Track (558.2, 129.1) @ 10/28 11:56:00 | | # HOP 11 (until 16:00 UT), track enhanced network | | | | | | | | | | |
| PROG= 10 Inf.-time(s) | | | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 1500.0sec | | | | | | | | | | | | | |
| └─ Seqn= 41 15-time(s) 60.0sec | | | | | | | | | | | | | |
| | C-poly/Open | thin-Be/Open | close | Safe | Norm | 11.3s | Obs | 1x1 | 512x1024 (1024, 1024) | DPCM | 0 | 0 | 30.0sec |
| └─ Seqn= 92 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | C-poly/Open | C-poly/thick-Al | close | Safe | Dark | 22.6s | Obs | 1x1 | 512x1024 (1024, 1024) | DPCM | 0 | 0 | 30.0sec |
| └─ Seqn= 32 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | Open/G-band | Open/G-band | open | Safe | Norm | 63ms | Obs | 1x1 | 512x1024 (1024, 1024) | 52% | 0 | 0 | 2.0sec |
| | Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

| XOB #1437: Synoptic - Al/mesh (512/8192) + G-band(64) + Ti/poly (1024/11571) + Dark cal (8192) + Al/poly(512/11571) + thin-Be(1024/32768) | | | | | | | | | | | | | |
|---|---------------------------------------|------------------|--|------|-------|-------|-----|-----|------------------------|-------|------------|----------|--------|
| Term | Pointing (x, y) | | Comment | | | | | | | | | | |
| 10/27 11:35:00 - 10/27 11:42:54 | Fixed (0.0, 0.0) | | synoptic, shifted 40.0 min | | | | | | | | | | |
| 10/28 00:02:00 - 10/28 00:09:54 | Track (-67.1, -0.4) @ 10/27 16:50:00 | | * Cont., QS Helioseismology with MDI high rate (until 4:55 UT), with synoptic at 00:00:00 UT | | | | | | | | | | |
| 10/28 11:48:00 - 10/28 11:55:54 | Fixed (0.0, 0.0) | | synoptic, shifted manually | | | | | | | | | | |
| 10/29 00:06:30 - 10/29 00:14:24 | Fixed (0.0, 0.0) | | synoptic, shifted 4.5 min | | | | | | | | | | |
| PROG= 06 1-time(s) | | | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | | |
| └─ Seqn= 80 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | Open/Al-mesh | Open/Ti-poly | close | Safe | Norm | 500ms | Obs | 1x1 | 2048x2048 (1024, 1024) | 52% | 0 | 0 | 0.5sec |
| | Open/Al-mesh | Open/Ti-poly | close | Safe | Norm | 8.00s | Obs | 1x1 | 2048x2048 (1024, 1024) | 52% | 0 | 0 | 2.0sec |
| └─ Seqn= 26 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | Open/Ti-poly | Open/thick-Al | close | Safe | Norm | 1.00s | Obs | 1x1 | 2048x2048 (1024, 1024) | 52% | 0 | 0 | 0.5sec |
| | Open/Ti-poly | Open/thick-Al | close | Safe | Norm | 11.3s | Obs | 1x1 | 2048x2048 (1024, 1024) | 52% | 0 | 0 | 2.0sec |
| └─ Seqn= 23 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | Open/Ti-poly | Open/Ti-poly | close | Safe | Dark | 8.00s | Obs | 1x1 | 2048x2048 (1024, 1024) | 52% | 0 | 0 | 2.0sec |
| └─ Seqn=100 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | Open/G-band | Open/G-band | open | Safe | Norm | 63ms | Obs | 1x1 | 2048x2048 (1024, 1024) | 52% | 0 | 0 | 2.0sec |
| └─ Seqn= 54 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | Al-poly/Open | Al-poly/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 2048x2048 (1024, 1024) | 52% | 0 | 0 | 2.0sec |
| | Al-poly/Open | Al-poly/thick-Al | close | Safe | Norm | 11.3s | Obs | 1x1 | 2048x2048 (1024, 1024) | 52% | 0 | 0 | 2.0sec |
| └─ Seqn= 4 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | thin-Be/Open | med-Be/Open | close | Safe | Norm | 1.00s | Obs | 1x1 | 2048x2048 (1024, 1024) | 52% | 0 | 0 | 2.0sec |
| | thin-Be/Open | med-Be/Open | close | Safe | Norm | 32.0s | Obs | 1x1 | 2048x2048 (1024, 1024) | 52% | 0 | 0 | 2.0sec |
| | Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

| XOB #13CF: QS - Al/poly(thick-Al) + C/Poly(thin-Be) - AEC1 - short exposure | | | | | | | | | | | | | |
|---|--|------------------|--|------|-------|-------|-----|-----|----------------------|-------|------------|----------|---------|
| Term | Pointing (x, y) | | Comment | | | | | | | | | | |
| 10/27 15:02:00 - 10/27 16:39:54 | Track (-84.2, -0.4) @ 10/27 15:00:00 | | * Track Sun-center QS, with MDI high rate | | | | | | | | | | |
| 10/27 16:52:00 - 10/27 23:59:54 | Track (-67.1, -0.4) @ 10/27 16:50:00 | | * Cont., QS Helioseismology with MDI high rate (until 4:55 UT), with synoptic at 00:00:00 UT | | | | | | | | | | |
| 10/28 00:12:00 - 10/28 06:00:54 | Track (-67.1, -0.4) @ 10/27 16:50:00 | | * Cont., QS Helioseismology with MDI high rate (until 4:55 UT), with synoptic at 00:00:00 UT | | | | | | | | | | |
| 10/28 06:13:00 - 10/28 07:59:54 | Track (514.8, 126.3) @ 10/28 06:11:00 | | # Track enhanced network | | | | | | | | | | |
| 10/28 18:12:00 - 10/29 00:04:24 | Track (603.3, 132.3) @ 10/28 18:10:00 | | # Cont., track enhanced network | | | | | | | | | | |
| 10/29 00:16:30 - 10/29 06:04:54 | Track (645.1, 135.6) @ 10/29 00:14:30 | | # Cont. | | | | | | | | | | |
| 10/29 06:17:00 - 10/29 10:29:54 | Track (684.3, 139.0) @ 10/29 06:15:00 | | # Cont., with HOP 11 from 7:00 UT. | | | | | | | | | | |
| PROG= 11 Inf.-time(s) | | | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | | |
| └─ Seqn= 42 60-time(s) 2.0sec | | | | | | | | | | | | | |
| | Al-poly/Open | Al-poly/thick-Al | close | Safe | Norm | 4.00s | Obs | 1x1 | 512x512 (1024, 1024) | 52% | 1 | 0 | 2.0sec |
| | C-poly/Open | thin-Be/Open | close | Safe | Norm | 4.00s | Obs | 1x1 | 512x512 (1024, 1024) | 52% | 1 | 0 | 76.0sec |
| | Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

| XOB #1417: Synoptic - Al/mesh (512/8192) + G-band(64) + Ti/poly (1024/11571) + Dark cal (8192) + Al/poly(512/11571) + C/poly (1024/11571) | | | | | | | | | | | | | |
|---|-------------------|---------------|------------------------------|------|------|-------|-----|-----|------------------------|-----|---|---|--------|
| Term | Pointing (x, y) | | Comment | | | | | | | | | | |
| 10/27 16:42:00 - 10/27 16:49:54 | Fixed (0.0, 0.0) | | * synoptic, shifted manually | | | | | | | | | | |
| 10/28 06:03:00 - 10/28 06:10:54 | Fixed (0.0, 0.0) | | synoptic, shifted 1.0 min | | | | | | | | | | |
| 10/28 18:02:00 - 10/28 18:09:54 | Fixed (0.0, 0.0) | | synoptic | | | | | | | | | | |
| 10/29 06:07:00 - 10/29 06:14:54 | Fixed (0.0, 0.0) | | synoptic, shifted 5.0 min | | | | | | | | | | |
| PROG= 14 1-time(s) | | | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | | |
| └─ Seqn= 80 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | Open/Al-mesh | Open/Ti-poly | close | Safe | Norm | 500ms | Obs | 1x1 | 2048x2048 (1024, 1024) | 52% | 0 | 0 | 0.5sec |
| | Open/Al-mesh | Open/Ti-poly | close | Safe | Norm | 8.00s | Obs | 1x1 | 2048x2048 (1024, 1024) | 52% | 0 | 0 | 2.0sec |
| └─ Seqn= 26 1-time(s) 2.0sec | | | | | | | | | | | | | |
| | Open/Ti-poly | Open/thick-Al | close | Safe | Norm | 1.00s | Obs | 1x1 | 2048x2048 (1024, 1024) | 52% | 0 | 0 | 0.5sec |

| | | | | | | | | | | | | |
|----------------------------------|------------------|-------|------|-------|-------|-----|-----|------------------------|-------|------------|----------|--------|
| Open/Ti-poly | Open/thick-Al | close | Safe | Norm | 11.3s | Obs | 1x1 | 2048x2048 (1024, 1024) | 52% | 0 | 0 | 2.0sec |
| Seqn= 23 1-time(s) 2.0sec | | | | | | | | | | | | |
| Open/Ti-poly | Open/Ti-poly | close | Safe | Dark | 8.00s | Obs | 1x1 | 2048x2048 (1024, 1024) | 52% | 0 | 0 | 2.0sec |
| Seqn=100 1-time(s) 2.0sec | | | | | | | | | | | | |
| Open/G-band | Open/G-band | open | Safe | Norm | 63ms | Obs | 1x1 | 2048x2048 (1024, 1024) | 52% | 0 | 0 | 2.0sec |
| Seqn= 54 1-time(s) 2.0sec | | | | | | | | | | | | |
| Al-poly/Open | Al-poly/Open | close | Safe | Norm | 500ms | Obs | 1x1 | 2048x2048 (1024, 1024) | 52% | 0 | 0 | 2.0sec |
| Al-poly/Open | Al-poly/thick-Al | close | Safe | Norm | 11.3s | Obs | 1x1 | 2048x2048 (1024, 1024) | 52% | 0 | 0 | 2.0sec |
| Seqn= 51 1-time(s) 2.0sec | | | | | | | | | | | | |
| C-poly/Open | C-poly/thick-Al | close | Safe | Norm | 1.00s | Obs | 1x1 | 2048x2048 (1024, 1024) | 52% | 0 | 0 | 2.0sec |
| C-poly/Open | thin-Be/Open | close | Safe | Norm | 11.3s | Obs | 1x1 | 2048x2048 (1024, 1024) | 52% | 0 | 0 | 2.0sec |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

| XOB #137B: Synoptic - Al/mesh short (181ms) /long (4096ms) pair | | | | | | | | | | | | |
|--|----------------|-------------------|------|-------|-------|-----|-----|------------------------|-------|------------|----------|--------|
| Term | | Pointing (x, y) | | | | | | Comment | | | | |
| 10/29 10:32:00 - 10/30 10:57:00 | | Fixed (0.0, 0.0) | | | | | | Backup plan | | | | |
| PROG= 02 Inf.-time(s) | | | | | | | | | | | | |
| Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | |
| Seqn= 8 3-time(s) 1200.0sec | | | | | | | | | | | | |
| Open/Al-mesh | Open/Ti-poly | close | Safe | Norm | 177ms | Obs | 1x1 | 2048x2048 (1024, 1024) | 52% | 0 | 0 | 2.0sec |
| Open/Al-mesh | Open/Ti-poly | close | Safe | Norm | 4.00s | Obs | 1x1 | 2048x2048 (1024, 1024) | 52% | 0 | 0 | 2.0sec |
| Seqn= 10 1-time(s) 2.0sec | | | | | | | | | | | | |
| Open/Al-mesh | Open/G-band | close | Safe | Dark | 1ms | Obs | 1x1 | 2048x2048 (1024, 1024) | 52% | 0 | 0 | 2.0sec |
| Open/Al-mesh | Open/G-band | close | Safe | Dark | 64.0s | Obs | 1x1 | 2048x2048 (1024, 1024) | 52% | 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 * * * * *

NOT USED

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Active Region Search * * * * *

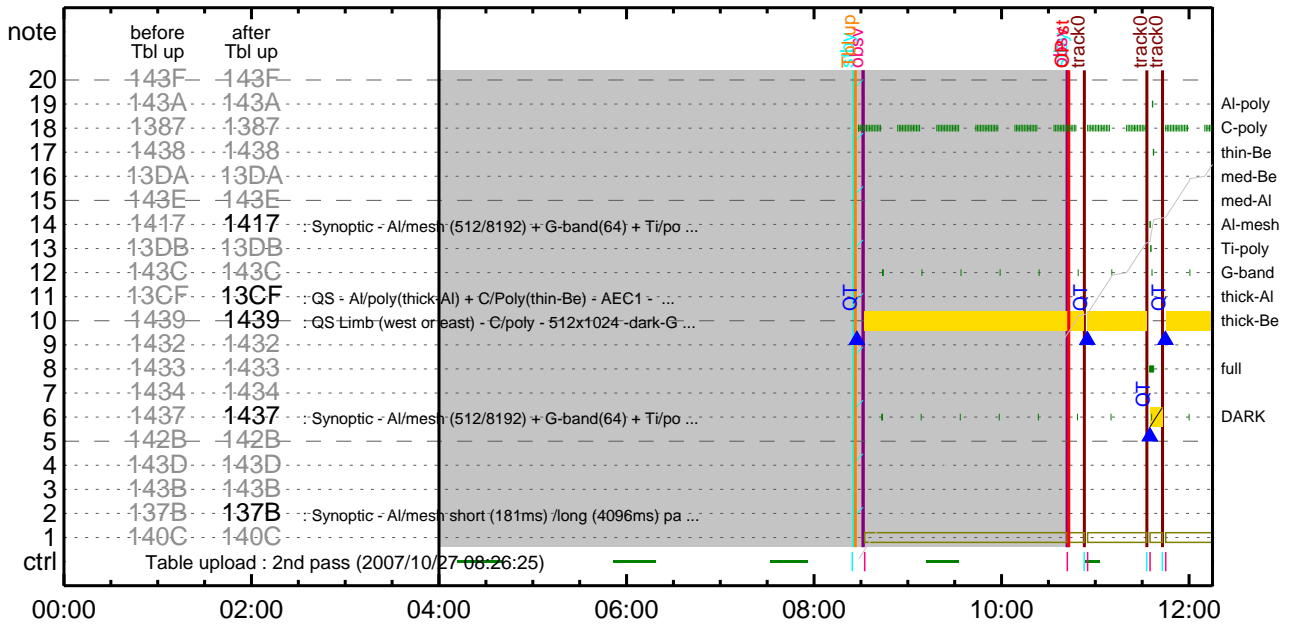
| ARS Patrol | | | | | | | | | | | | |
|---------------------------------|----------------|--|------|-------|-------|-----|-----|--|-------|------------|----------|----------|
| Term | | Pointing (x, y) | | | | | | Comment | | | | |
| 10/27 11:44:56 - 10/27 16:41:58 | | Fixed (940.0, -100.0) | | | | | | # Cont. | | | | |
| 10/27 16:51:54 - 10/28 00:01:58 | | Track (-67.1, -0.4) @ 10/27 16:50:00 | | | | | | * Cont., QS Helioseismology with MDI high rate (until 4:55 UT), with synoptic at 00:00:00 UT | | | | |
| 10/28 00:11:54 - 10/28 06:02:58 | | Track (-67.1, -0.4) @ 10/27 16:50:00 | | | | | | * Cont., QS Helioseismology with MDI high rate (until 4:55 UT), with synoptic at 00:00:00 UT | | | | |
| 10/28 06:12:54 - 10/28 11:47:58 | | Track (514.8, 126.3) @ 10/28 06:11:00 | | | | | | # Track enhanced network | | | | |
| 10/28 11:57:56 - 10/28 18:01:58 | | Track (558.2, 129.1) @ 10/28 11:56:00 | | | | | | # HOP 11 (until 16:00 UT), track enhanced network | | | | |
| 10/28 18:11:54 - 10/29 00:06:28 | | Track (603.3, 132.3) @ 10/28 18:10:00 | | | | | | # Cont., track enhanced network | | | | |
| 10/29 00:16:24 - 10/29 06:06:58 | | Track (645.1, 135.6) @ 10/29 00:14:30 | | | | | | # Cont. | | | | |
| 10/29 06:16:54 - 10/30 10:57:00 | | Track (684.3, 139.0) @ 10/29 06:15:00 | | | | | | # Cont., with HOP 11 from 7:00 UT. | | | | |
| Open/Ti-poly | Open/Ti-poly | close | Safe | Norm | 2.83s | Obs | 2x2 | | 52% | | | 20.00min |
| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval | |

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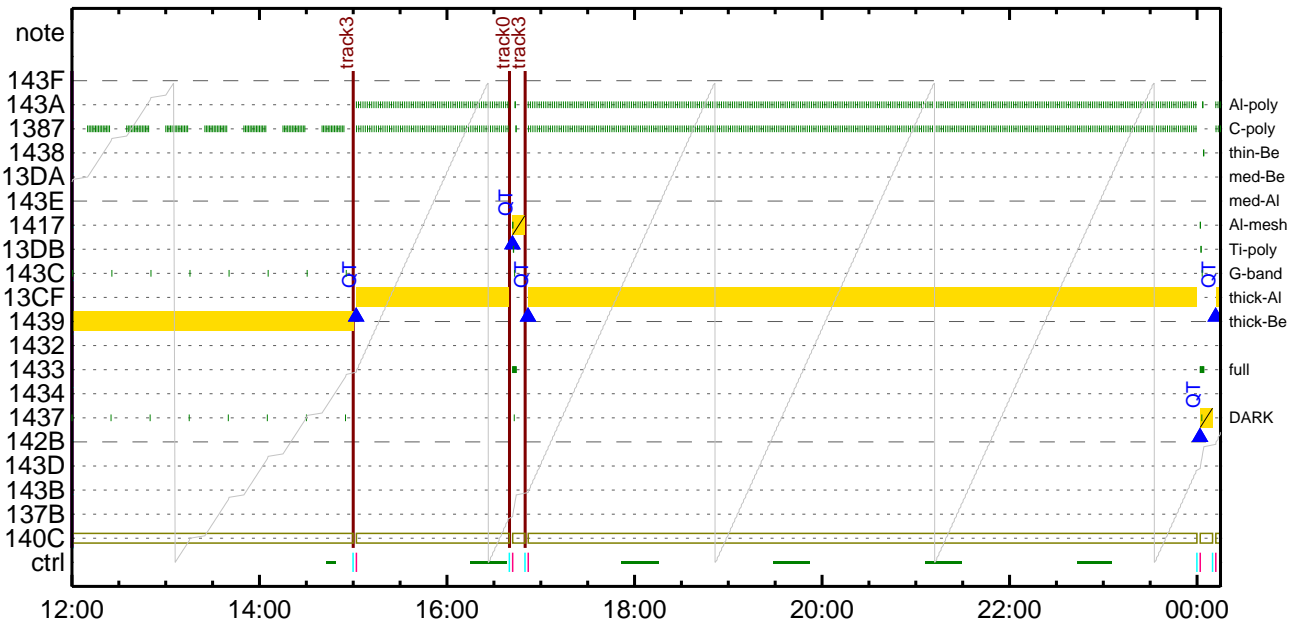
Flare Detection * * * * *

NOT USED

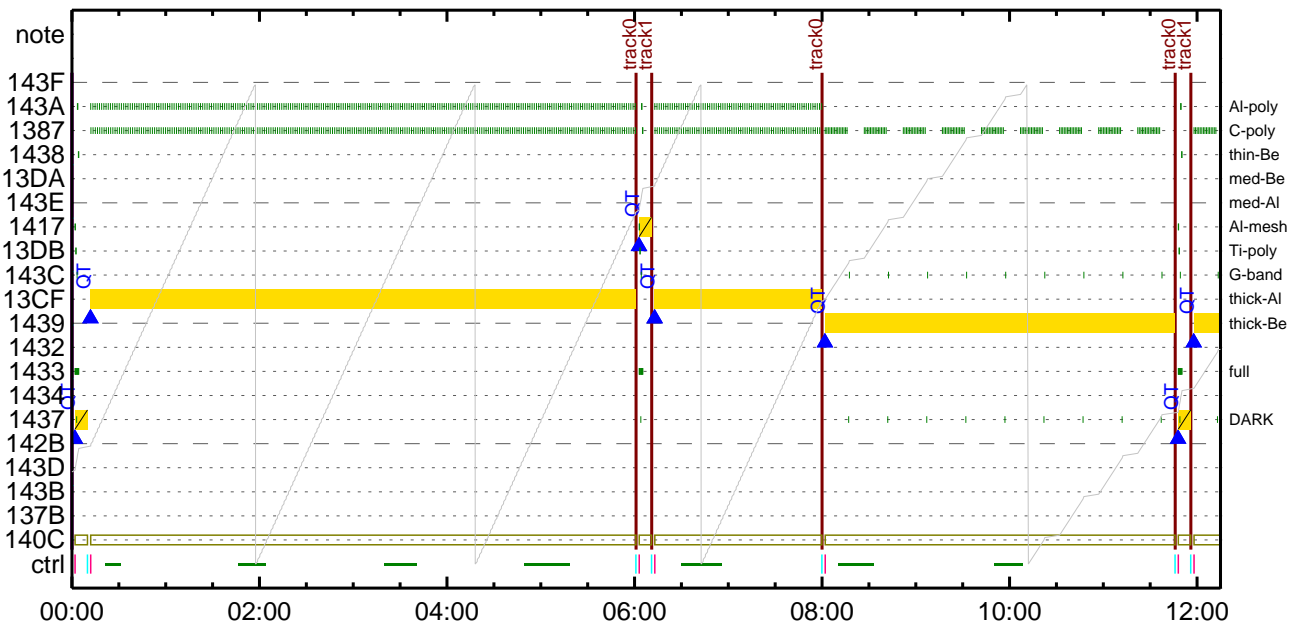
CMDI #0461 2007/10/27



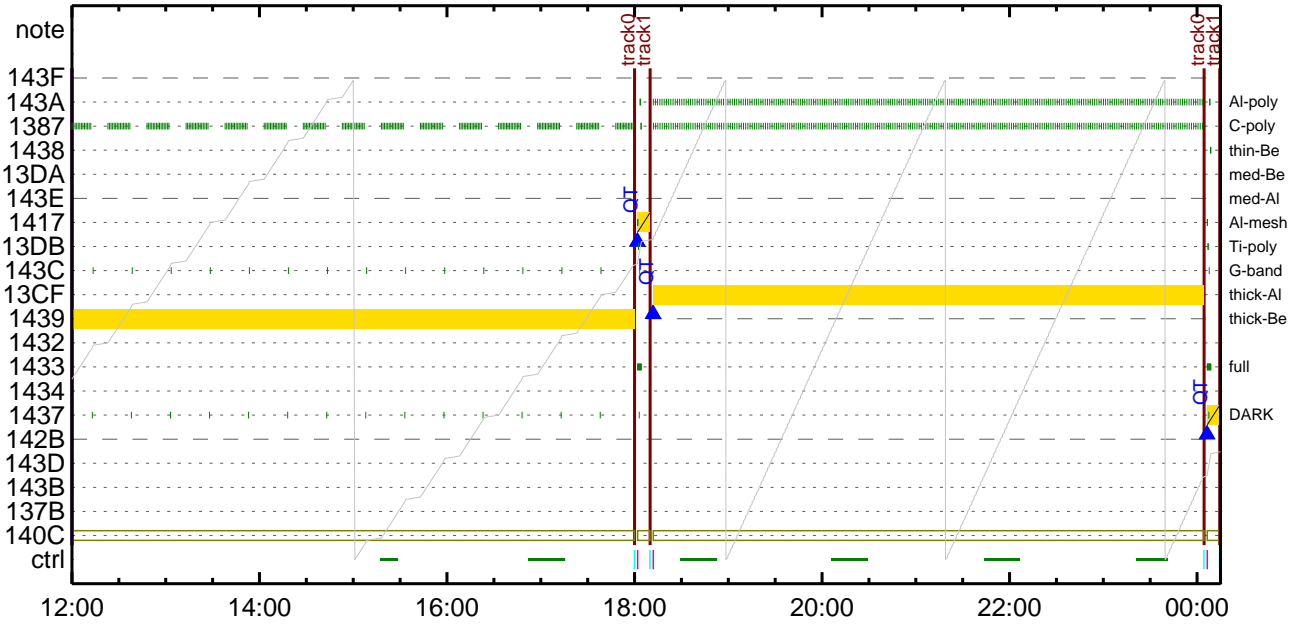
CMDI #0461 2007/10/27



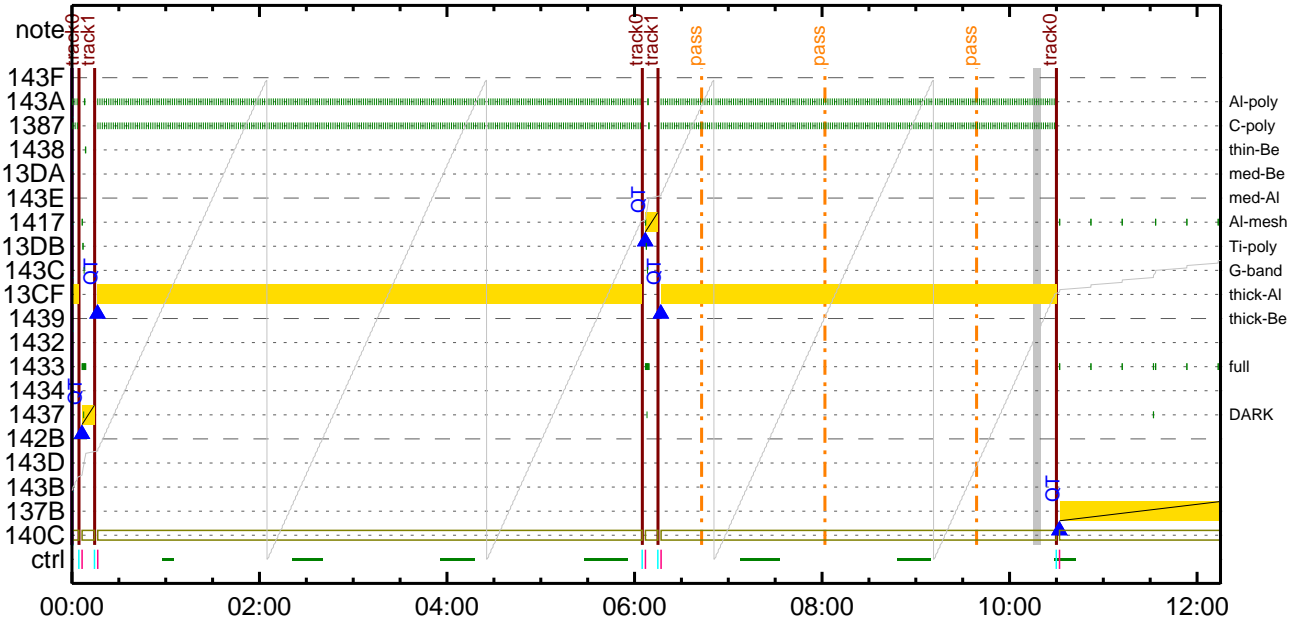
CMDI #0461 2007/10/28



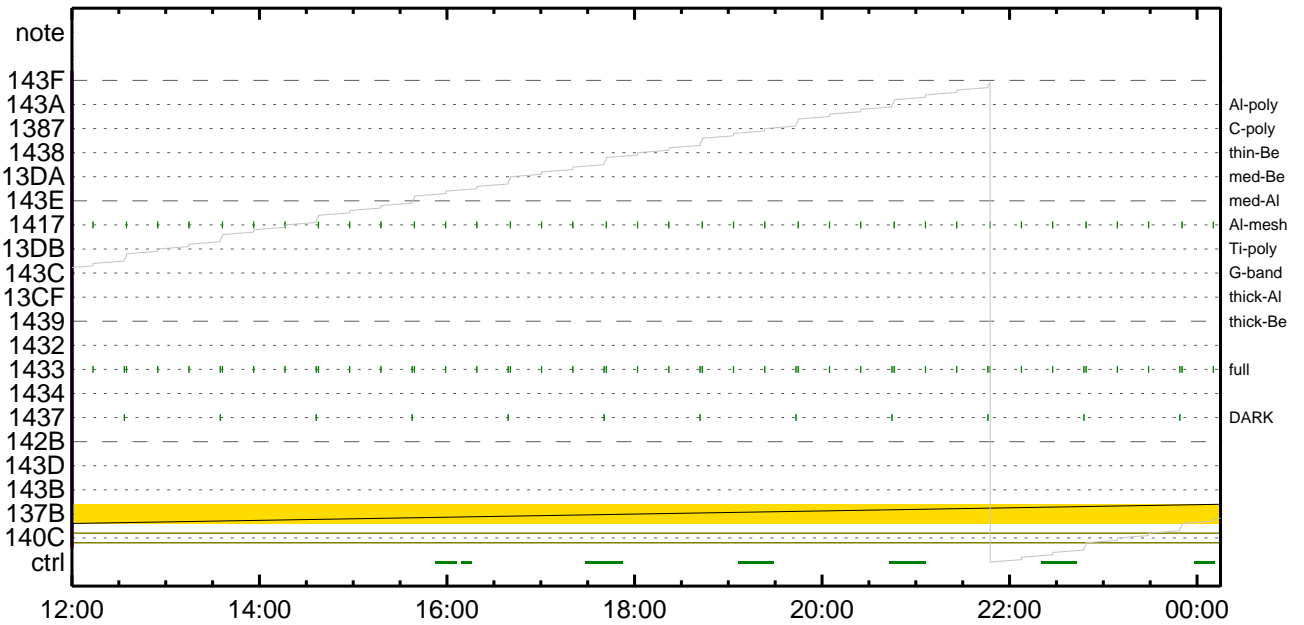
CMDI #0461 2007/10/28



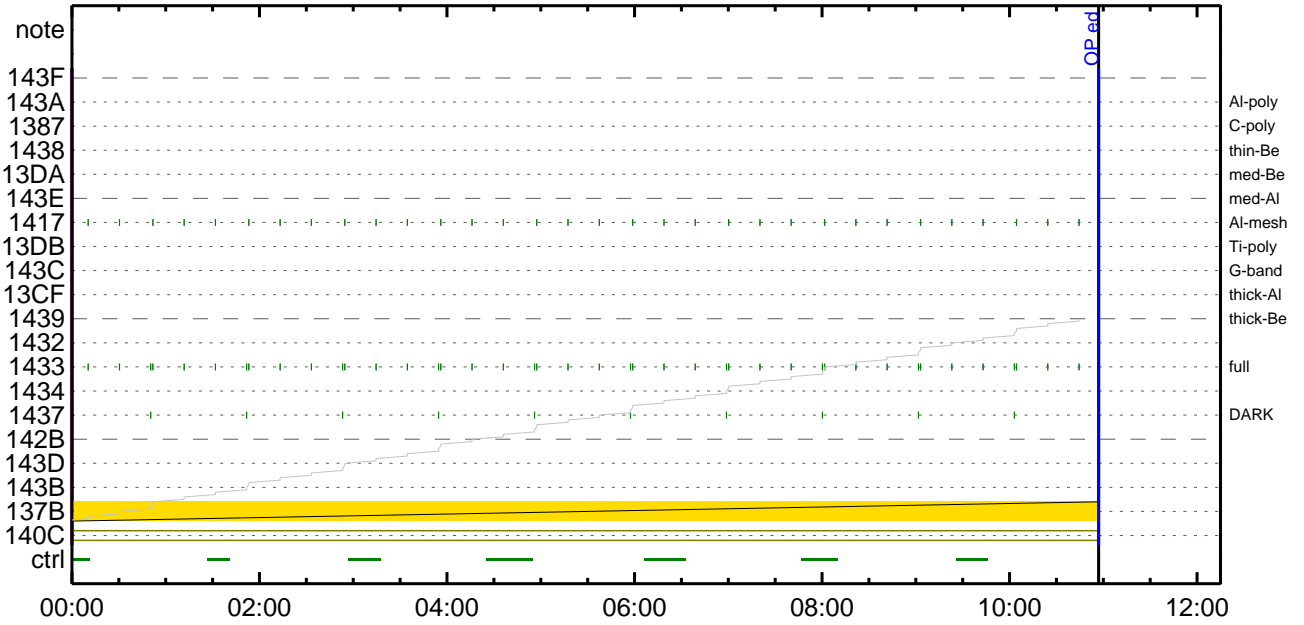
CMDI #0461 2007/10/29



CMDI #0461 2007/10/29



CMDI #0461 2007/10/30



CMDI #0461 2007/10/30

