

# XRT Timeline to be uploaded on 2007/12/22

Period: 2007/12/22 10:10:00 - 2007/12/25 09:51:00

\* \* \* \* \*

Normal mode

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XOB #148D: QS thermal -FOV512 -AEC1 and AEC3 1min cadence (med-pair)												
Term		Pointing (x, y)				Comment						
12/22 10:22:02 - 12/22 11:06:24		Track ( 41.9, -113.9) @ 12/22 10:20:00				# OP start + 10min, HOP53						
12/22 11:18:32 - 12/22 17:59:54		Track ( 50.7, -113.9) @ 12/22 11:16:30				HOP53						
<b>PROG= 09 1-time(s)</b>												
└─ Subr= 1 1-time(s) 60.0sec												
└─ Seqn= 66 1-time(s) 2.0sec												
└─ Al-poly/Open Al-poly/thick-Al close Safe Norm 8.00s Obs 1x1 512x512 (1024, 1024) DPCM 3 0 2.0sec												
└─ Al-poly/Al-mesh Al-poly/thick-Al close Safe Norm 16.0s Obs 1x1 512x512 (1024, 1024) DPCM 3 0 2.0sec												
└─ Al-poly/Ti-poly Al-poly/thick-Al close Safe Norm 16.0s Obs 1x1 512x512 (1024, 1024) DPCM 3 0 2.0sec												
└─ Open/Ti-poly Open/thick-Al close Safe Norm 16.0s Obs 1x1 512x512 (1024, 1024) DPCM 3 0 2.0sec												
└─ Open/Ti-poly Open/thick-Al close Safe Dark 16.0s Obs 1x1 512x512 (1024, 1024) DPCM 0 0 2.0sec												
└─ Subr= 2 15-time(s) 60.0sec												
└─ Seqn= 6 1-time(s) 2.0sec												
└─ Al-poly/Open Al-poly/thick-Al close Safe Norm 4.00s Obs 1x1 512x512 (1024, 1024) DPCM 1 0 2.0sec												
└─ Al-poly/Ti-poly Al-poly/thick-Al close Safe Norm 4.00s Obs 1x1 512x512 (1024, 1024) DPCM 1 0 2.0sec												
Default Filter		Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval

## XOB #147A: Synoptic - Al/mesh (256/4096) + G-band(64) + Ti/poly (512/8192) + Dark cal (8192) + Al/poly(256/5796) + thin-Be(723/23142)

Term		Pointing (x, y)				Comment						
12/22 11:08:30 - 12/22 11:16:24		Fixed ( 0.0, 0.0)				synoptic, shifted 46.5 min						
12/23 00:02:00 - 12/23 00:09:54		Fixed ( 0.0, 0.0)				synoptic						
12/23 10:08:00 - 12/23 10:35:54		Fixed ( 0.0, 0.0)				synoptic, shifted -14.0 min puls obs for NFI test						
12/24 00:08:00 - 12/24 00:15:54		Fixed ( 0.0, 0.0)				synoptic, shifted 6.0 min						

<b>PROG= 05 1-time(s)</b>												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 78 1-time(s) 2.0sec												
└─ Open/Al-mesh Open/Ti-poly close Safe Norm 250ms 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= 95 1-time(s) 2.0sec												
└─ Open/Ti-poly Open/thick-Al close Safe Norm 500ms Obs 1x1 2048x2048 (1024, 1024) 52% 0 0 0.5sec												
└─ Open/Ti-poly Open/thick-Al close Safe Norm 8.00s 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= 31 1-time(s) 2.0sec												
└─ Al-poly/Open Al-poly/Open close Safe Norm 250ms Obs 1x1 2048x2048 (1024, 1024) 52% 0 0 2.0sec												
└─ Al-poly/Open Al-poly/Open close Safe Norm 5.66s Obs 1x1 2048x2048 (1024, 1024) 52% 0 0 2.0sec												
└─ Seqn= 26 1-time(s) 2.0sec												
└─ thin-Be/Open med-Be/Open close Safe Norm 707ms Obs 1x1 2048x2048 (1024, 1024) 52% 0 0 2.0sec												
└─ thin-Be/Open med-Be/Open close Safe Norm 22.6s 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 #147B: Synoptic - Al/mesh (256/4096) + G-band(64) + Ti/poly (512/8192) + Dark cal (8192) + Al/poly(256/5796) + C/poly(512/8192)

Term		Pointing (x, y)				Comment						
12/22 18:02:00 - 12/22 18:09:54		Fixed ( 0.0, 0.0)				synoptic						
12/23 06:02:00 - 12/23 06:09:54		Fixed ( 0.0, 0.0)				synoptic						
12/23 18:04:30 - 12/23 18:12:24		Fixed ( 0.0, 0.0)				synoptic, shifted 2.5 min						
12/24 06:42:30 - 12/24 06:50:24		Fixed ( 0.0, 0.0)				synoptic, shifted -26.5 min						

<b>PROG= 01 1-time(s)</b>												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 78 1-time(s) 2.0sec												
└─ Open/Al-mesh Open/Ti-poly close Safe Norm 250ms 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= 95 1-time(s) 2.0sec												
└─ Open/Ti-poly Open/thick-Al close Safe Norm 500ms Obs 1x1 2048x2048 (1024, 1024) 52% 0 0 0.5sec												
└─ Open/Ti-poly Open/thick-Al close Safe Norm 8.00s 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= 31 1-time(s) 2.0sec												
└─ Al-poly/Open Al-poly/Open close Safe Norm 250ms Obs 1x1 2048x2048 (1024, 1024) 52% 0 0 2.0sec												
└─ Al-poly/Open Al-poly/Open close Safe Norm 5.66s Obs 1x1 2048x2048 (1024, 1024) 52% 0 0 2.0sec												
└─ Seqn= 86 1-time(s) 2.0sec												
└─ C-poly/Open C-poly/thick-Al close Safe Norm 500ms Obs 1x1 2048x2048 (1024, 1024) 52% 0 0 2.0sec												
└─ C-poly/Open thin-Be/Open close Safe Norm 8.00s 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 #1475: QS thermal -FOV512 -AEC1 and AEC3 1min cadence

Term	Pointing (x, y)	Comment
12/22 18:12:02 - 12/22 23:59:54	Track ( 115.0, -113.4) <sup>Ⓢ 12/22 18:10:00</sup>	HOP53
12/23 00:12:02 - 12/23 05:59:54	Track ( 170.7, -113.2) <sup>Ⓢ 12/23 00:10:00</sup>	HOP53
12/23 06:12:02 - 12/23 10:05:54	Track ( 225.7, -113.0) <sup>Ⓢ 12/23 06:10:00</sup>	HOP53

**PROG= 11 Inf.-time(s)**

Subr= 1	1-time(s)	60.0sec										
Seqn= 66	1-time(s)	2.0sec										
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	8.00s	Obs	1x1	512x512 (1024, 1024)	DPCM	3	0	2.0sec
Al-poly/Al-mesh	Al-poly/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1024, 1024)	DPCM	3	0	2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1024, 1024)	DPCM	3	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1024, 1024)	DPCM	3	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	512x512 (1024, 1024)	DPCM	0	0	2.0sec

Subr= 2	15-time(s)	60.0sec										
Seqn= 30	1-time(s)	2.0sec										
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	8.00s	Obs	1x1	512x512 (1024, 1024)	DPCM	1	0	2.0sec

Default Filter    Thicker Filter    VLS    mode    image    Exp.    CCD    Bin    ROI: size (center)    Comp.    AEC Buffer    Interval

**XOB #148E: Pre-flare buffer test**

Term	Pointing (x, y)	Comment
12/23 10:38:02 - 12/23 10:50:00	Fixed ( 0.0, 935.0)	North pole observation for SOT deep mode scan

**PROG= 03 Inf.-time(s)**

Subr= 1	1-time(s)	60.0sec										
Seqn= 91	1-time(s)	2.0sec										
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	DPCM	0	0	2.0sec

Subr= 1	5-time(s)	2.0sec										
Seqn= 34	5-time(s)	2.0sec										
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1024, 1024)	DPCM	0	0	2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1024, 1024)	DPCM	0	0	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1024, 1024)	DPCM	0	1	2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1024, 1024)	DPCM	0	1	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1024, 1024)	DPCM	0	2	2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1024, 1024)	DPCM	0	2	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1024, 1024)	DPCM	0	3	2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1024, 1024)	DPCM	0	3	2.0sec

Default Filter    Thicker Filter    VLS    mode    image    Exp.    CCD    Bin    ROI: size (center)    Comp.    AEC Buffer    Interval

**XOB #148F: Polar observation - Al/poly and Al/poly+Ti/poly with G-band and Dark - 768x384**

Term	Pointing (x, y)	Comment
12/23 10:52:10 - 12/23 18:02:24	Fixed ( 0.0, 935.0)	North pole observation for SOT deep mode scan
12/23 18:14:32 - 12/24 00:05:54	Fixed ( 0.0, 935.0)	North pole observation for SOT deep mode scan
12/24 00:18:02 - 12/24 06:40:24	Fixed ( 0.0, -935.0)	South pole observation for SOT deep mode scan
12/24 06:52:32 - 12/24 11:00:54	Fixed ( 0.0, -935.0)	South pole observation for SOT deep mode scan

**PROG= 10 Inf.-time(s)**

Subr= 2	1-time(s)	2.0sec										
Seqn= 19	1-time(s)	2.0sec										
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	768x384 (1024, 1024)	DPCM	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Dark	16.0s	Obs	1x1	768x384 (1024, 1024)	DPCM	0	0	2.0sec

Subr= 1	60-time(s)	2.0sec										
Seqn= 55	1-time(s)	48.0sec										
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	768x384 (1024, 1024)	DPCM	0	0	2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	22.6s	Obs	1x1	768x384 (1024, 1024)	DPCM	0	0	2.0sec

Subr= 1	3-time(s)	48.0sec										
Seqn= 79	3-time(s)	48.0sec										
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	768x384 (1024, 1024)	DPCM	0	0	2.0sec

Default Filter    Thicker Filter    VLS    mode    image    Exp.    CCD    Bin    ROI: size (center)    Comp.    AEC Buffer    Interval

**XOB #137B: Synoptic - Al/mesh short (181ms) /long (4096ms) pair**

Term	Pointing (x, y)	Comment
12/24 11:03:00 - 12/25 09:51:00	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

Subr= 1	1-time(s)	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**

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NOT USED

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**Active Region Search**

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**ARS Patrol**

Term	Pointing (x, y)	Comment
12/22 11:18:26 - 12/22 18:01:58	Track ( 50.7, -113.9) <sup>Ⓢ 12/22 11:16:30</sup>	HOP53

12/22 18:11:56 - 12/23 00:01:58	Track ( 115.0, -113.4)	@ 12/22 18:10:00	HOP53
12/23 00:11:56 - 12/23 06:01:58	Track ( 170.7, -113.2)	@ 12/23 00:10:00	HOP53
12/23 06:11:56 - 12/23 10:07:58	Track ( 225.7, -113.0)	@ 12/23 06:10:00	HOP53
12/23 10:37:56 - 12/23 18:04:28	Fixed ( 0.0, 935.0)		North pole observation for SOT deep mode scan
12/23 18:14:26 - 12/24 00:07:58	Fixed ( 0.0, 935.0)		North pole observation for SOT deep mode scan
12/24 00:17:56 - 12/24 06:42:28	Fixed ( 0.0, -935.0)		South pole observation for SOT deep mode scan
12/24 06:52:26 - 12/25 09:51:00	Fixed ( 0.0, -935.0)		South pole observation for SOT deep mode scan
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

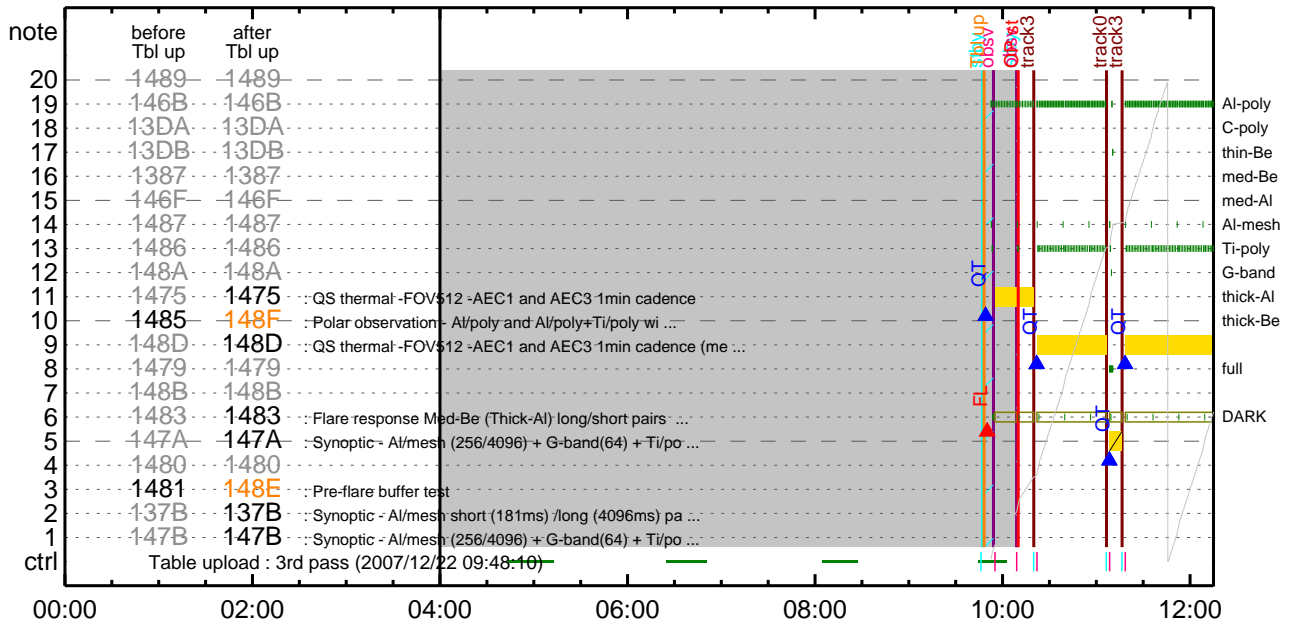
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### Flare Detection

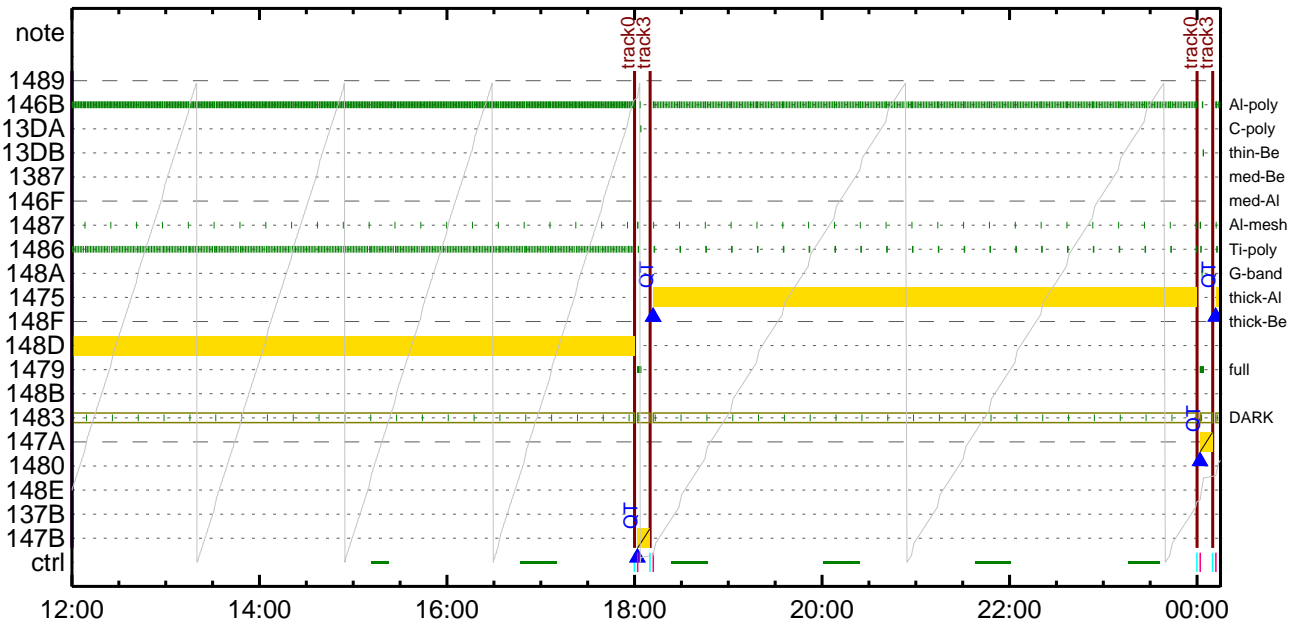
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FLD Patrol									
Term	Pointing (x, y)		Comment						
12/22 11:18:28 - 12/22 18:01:54	Track ( 50.7, -113.9)	@ 12/22 11:16:30	HOP53						
12/22 18:11:58 - 12/23 00:01:54	Track ( 115.0, -113.4)	@ 12/22 18:10:00	HOP53						
12/23 00:11:58 - 12/23 06:01:54	Track ( 170.7, -113.2)	@ 12/23 00:10:00	HOP53						
12/23 06:11:58 - 12/23 10:07:54	Track ( 225.7, -113.0)	@ 12/23 06:10:00	HOP53						
12/23 10:37:58 - 12/23 18:04:24	Fixed ( 0.0, 935.0)		North pole observation for SOT deep mode scan						
12/23 18:14:28 - 12/24 00:07:54	Fixed ( 0.0, 935.0)		North pole observation for SOT deep mode scan						
12/24 00:17:58 - 12/24 06:42:24	Fixed ( 0.0, -935.0)		South pole observation for SOT deep mode scan						
12/24 06:52:28 - 12/24 11:02:56	Fixed ( 0.0, -935.0)		South pole observation for SOT deep mode scan						
thin-Be/Open	thin-Be/Open	close	Safe Norm 8ms Obs 8x8 DPCM 120sec						
Default Filter	Thicker Filter	VLS	mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval						

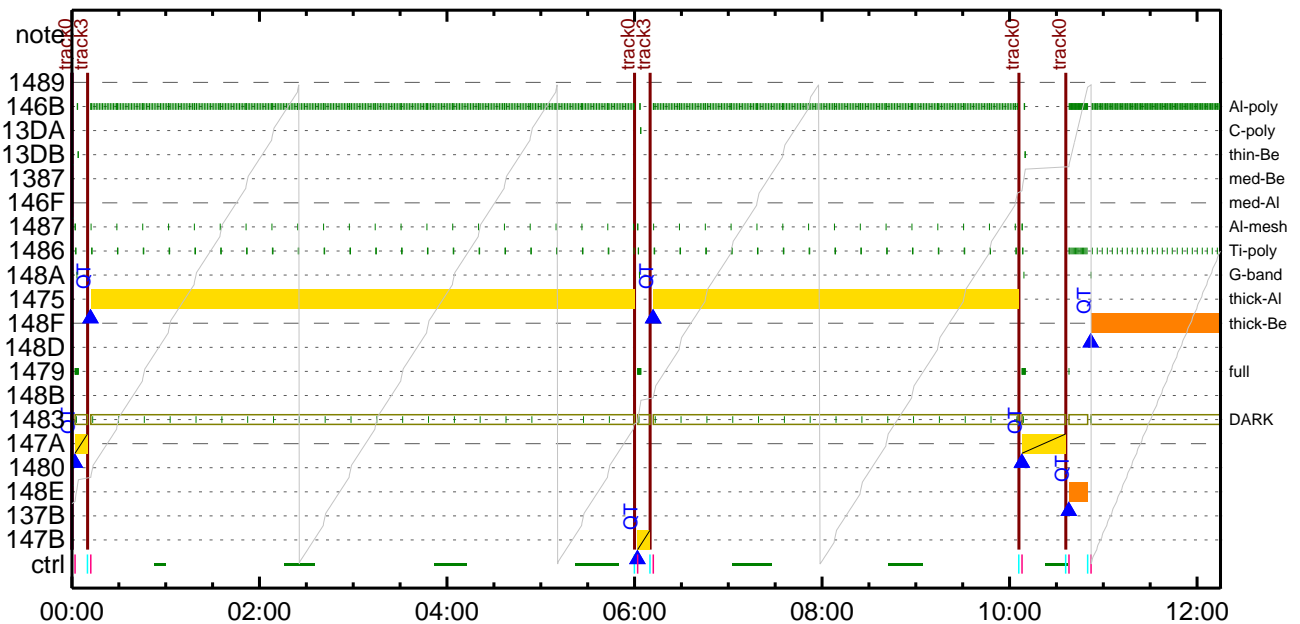
### CMDI #0584 2007/12/22



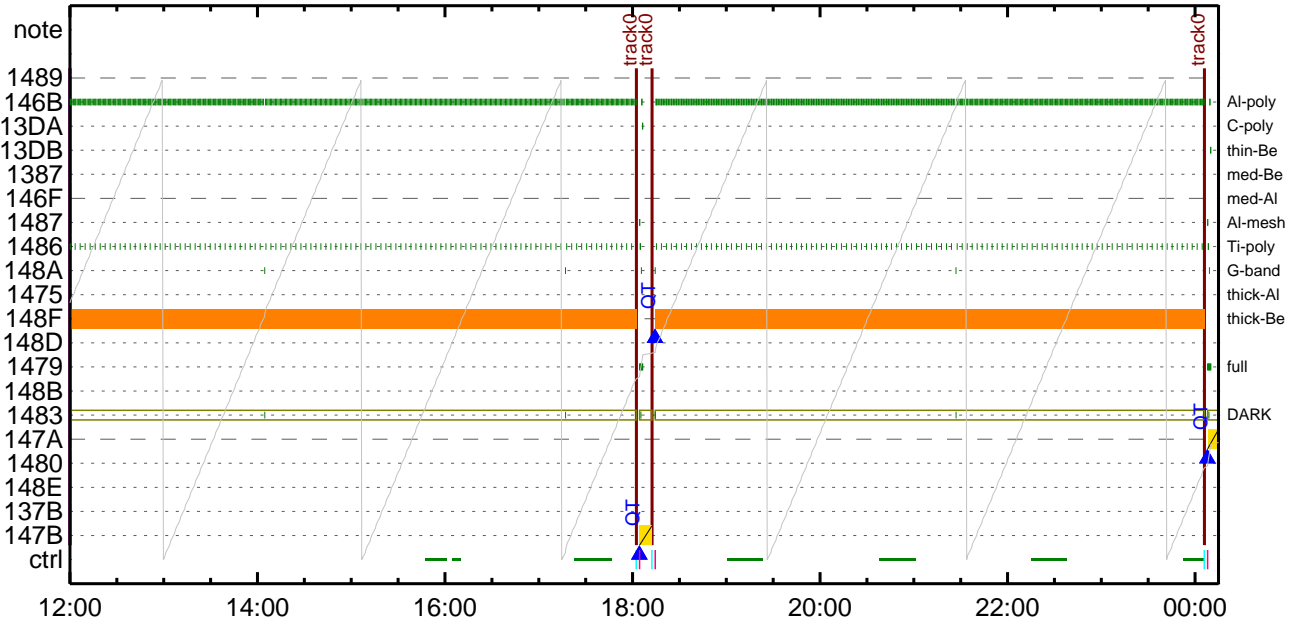
### CMDI #0584 2007/12/22



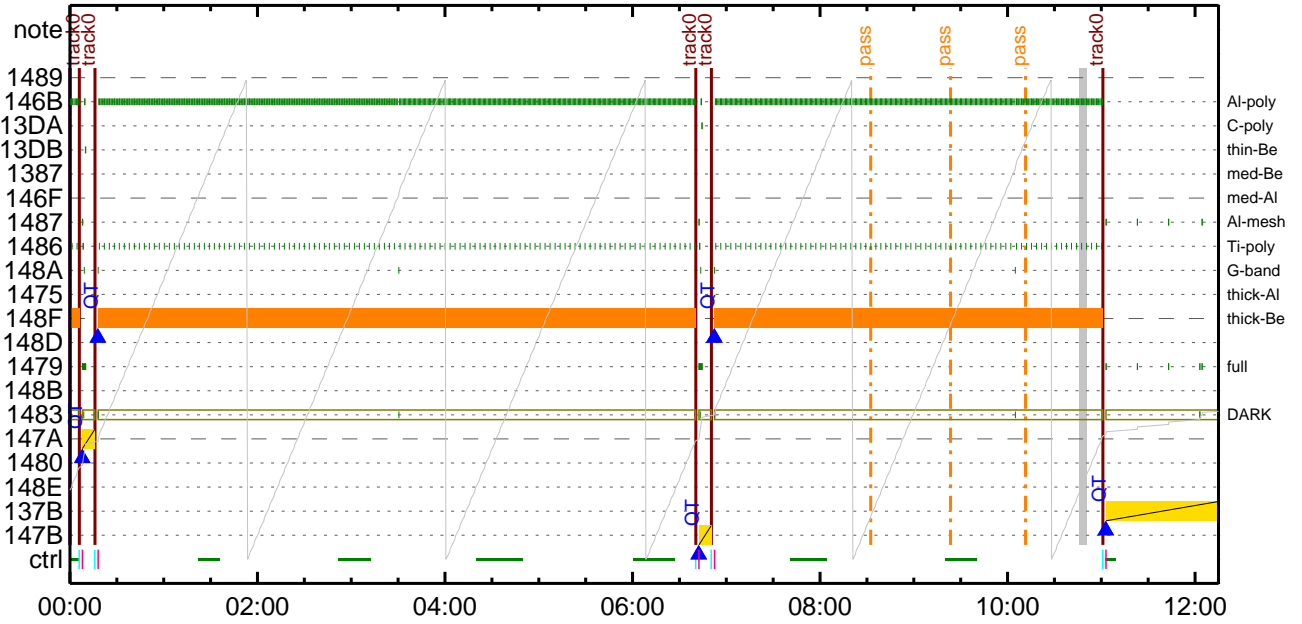
### CMDI #0584 2007/12/23



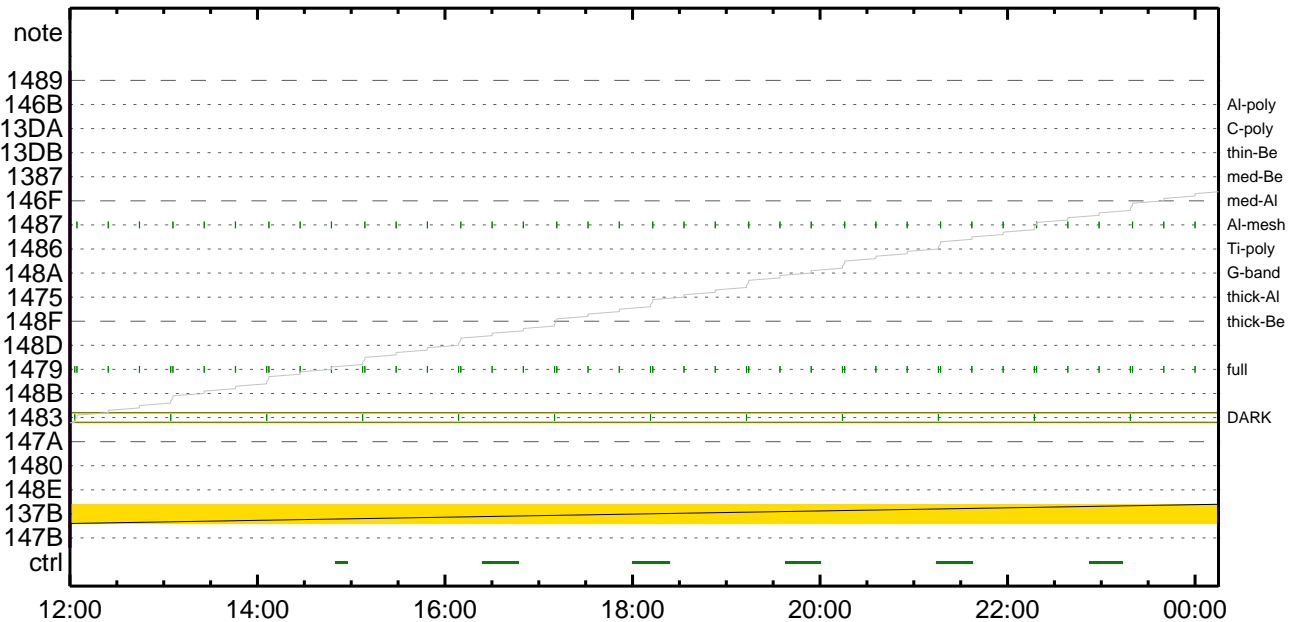
CMDI #0584 2007/12/23



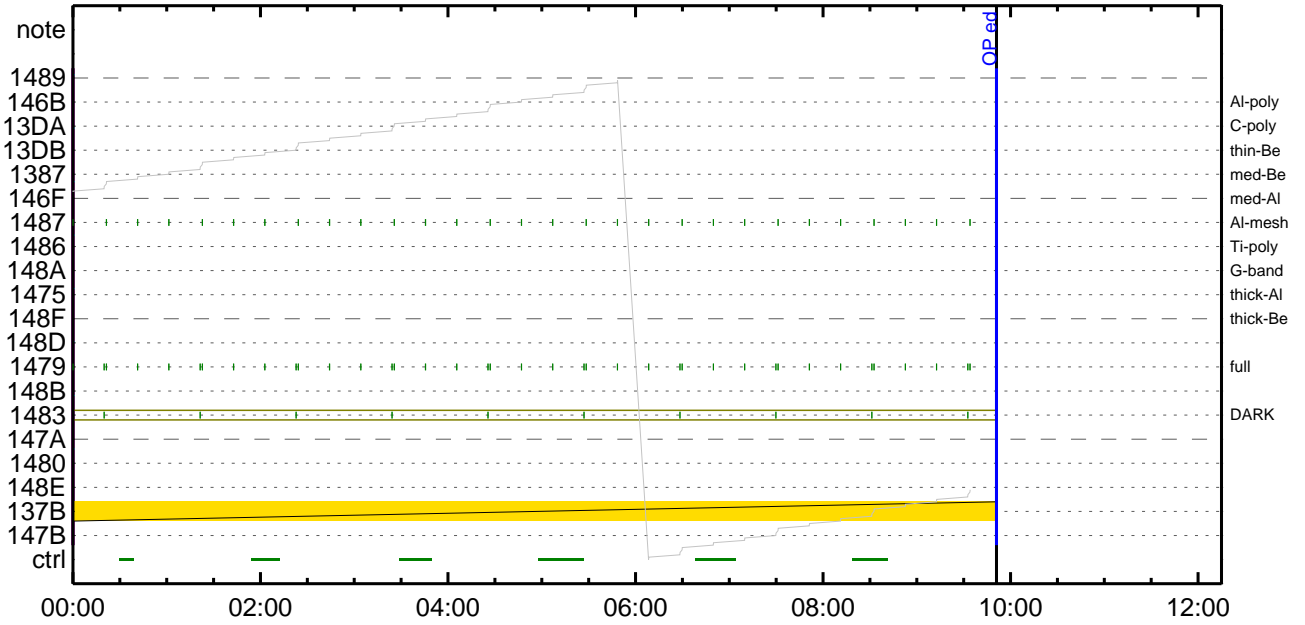
CMDI #0584 2007/12/24



CMDI #0584 2007/12/24



CMDI #0584 2007/12/25



CMDI #0584 2007/12/25

