

# XRT Timeline to be uploaded on 2008/01/25

Period: 2008/01/25 09:32:00 - 2008/01/29 10:23:00

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Normal mode

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## 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
01/25 10:00:00 - 01/25 10:07:54	Fixed ( 0.0, 0.0)	# OP start + 10min+ alpha, synoptic, shifted manually.
<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 #14AF: HOP60 and 63 - QS Dynamics - 2 filters - FOV 256x512

Term	Pointing (x, y)	Comment
01/25 10:10:02 - 01/26 00:59:54	Track ( 316.6, -3.0) @ 01/25 10:08:00	# HOP 60, QS Dynamics
01/26 01:12:02 - 01/26 05:59:54	Track ( -45.6, -0.4) @ 01/26 01:10:00	# HOP 63, MOTH-II Collaboration, with drive-by synoptic at 06:00:00 UT.
01/26 06:12:02 - 01/26 10:00:54	Track ( -45.6, -0.4) @ 01/26 01:10:00	# HOP 63, MOTH-II Collaboration, with drive-by synoptic at 06:00:00 UT.
<b>PROG= 17 Inf.-time(s)</b>		
└─ Subr= 1 1-time(s) 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
└─ Subr= 2 200-time(s) 70.0sec		
└─ Seqn= 43 1-time(s) 2.0sec		
└─ C-poly/Open	C-poly/thick-Al close	Safe Norm 22.6s Obs 1x1 256x512 (1024, 1024) DPCM 0 0 2.0sec
└─ thin-Be/Open	med-Be/Open close	Safe Norm 32.0s Obs 1x1 256x512 (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 #14A4: Full Sun with AR - 2x2 - Al/mesh (128/2048) + Ti/poly (256/4096) + Dark cal (4096) + Al/poly (128/4096) + thin-Be(1024/23142)

Term	Pointing (x, y)	Comment
01/26 01:02:00 - 01/26 01:09:54	Fixed ( 0.0, 0.0)	* Synoptic, shifted manually for HOP 60
<b>PROG= 07 1-time(s)</b>		
└─ Subr= 1 1-time(s) 2.0sec		
└─ Seqn= 48 1-time(s) 2.0sec		
└─ Open/Al-mesh	Open/Al-mesh close	Safe Norm 125ms Obs 2x2 2048x2048 (1024, 1024) 52% 0 0 2.0sec
└─ Open/Al-mesh	Open/Al-mesh close	Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) 52% 0 0 2.0sec
└─ Seqn= 38 1-time(s) 2.0sec		
└─ Open/Ti-poly	Open/Ti-poly close	Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) 52% 0 0 2.0sec
└─ Open/Ti-poly	Open/Ti-poly close	Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) 52% 0 0 2.0sec
└─ Seqn= 64 1-time(s) 2.0sec		
└─ Open/Ti-poly	Open/Ti-poly close	Safe Dark 4.00s Obs 2x2 2048x2048 (1024, 1024) 52% 0 0 2.0sec
└─ Seqn= 89 1-time(s) 2.0sec		
└─ Al-poly/Open	Al-poly/Open close	Safe Norm 125ms Obs 2x2 2048x2048 (1024, 1024) 52% 0 0 2.0sec
└─ Al-poly/Open	Al-poly/Open close	Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) 52% 0 0 2.0sec
└─ Seqn= 85 1-time(s) 2.0sec		
└─ thin-Be/Open	thin-Be/Open close	Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) 52% 0 0 2.0sec
└─ thin-Be/Open	thin-Be/Open close	Safe Norm 1.00s Obs 2x2 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 #14A5: Full Sun with AR - 2x2 - Al/mesh (128/2048) + Ti/poly (256/4096) + Dark cal (4096) + Al/poly(128/4096) + C/poly(256/4096)

Term	Pointing (x, y)	Comment
01/26 06:02:00 - 01/26 06:09:54	Track ( -45.6, -0.4) @ 01/26 01:10:00	# HOP 63, MOTH-II Collaboration, with drive-by synoptic at 06:00:00 UT.
<b>PROG= 15 1-time(s)</b>		
└─ Subr= 1 1-time(s) 2.0sec		
└─ Seqn= 48 1-time(s) 2.0sec		
└─ Open/Al-mesh	Open/Al-mesh close	Safe Norm 125ms Obs 2x2 2048x2048 (1024, 1024) 52% 0 0 2.0sec
└─ Open/Al-mesh	Open/Al-mesh close	Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) 52% 0 0 2.0sec
└─ Seqn= 38 1-time(s) 2.0sec		
└─ Open/Ti-poly	Open/Ti-poly close	Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) 52% 0 0 2.0sec
└─ Open/Ti-poly	Open/Ti-poly close	Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) 52% 0 0 2.0sec
└─ Seqn= 64 1-time(s) 2.0sec		

Open/Ti-poly	Open/Ti-poly	close	Safe	Dark	4.00s	Obs	2x2	2048x2048 (1024, 1024)	52%	0	0	2.0sec
<b>Seqn= 89 1-time(s) 2.0sec</b>												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	52%	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	52%	0	0	2.0sec
<b>Seqn= 16 1-time(s) 2.0sec</b>												
C-poly/Open	C-poly/Open	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	52%	0	0	2.0sec
C-poly/Open	C-poly/Open	close	Safe	Norm	4.00s	Obs	2x2	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 #14A3: Full Sun Movie - Ti/Poly + Al/poly + Med-Be - 4x4 - AEC123 - 8% Data Rate**

Term	Pointing (x, y)		Comment									
01/26 10:03:06 - 01/29 10:23:00	Fixed ( 0.0, 0.0)		Backup plan									
<b>PROG= 03 Inf.-time(s)</b>												
<b>Subr= 1 2-time(s) 240.0sec</b>												
<b>Seqn= 33 1-time(s) 2.0sec</b>												
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	52%	3	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	2.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
<b>Seqn= 12 1-time(s) 2.0sec</b>												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	52%	3	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
<b>Subr= 2 1-time(s) 180.0sec</b>												
<b>Seqn= 52 1-time(s) 2.0sec</b>												
med-Be/Open	med-Be/Open	close	Safe	Norm	22.6s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	1	0	2.0sec
<b>Seqn= 98 4-time(s) 2.0sec</b>												
Open/thick-Be	Open/thick-Be	close	Safe	Norm	22.6s	Obs	8x8	2048x2048 (1024, 1024)	DPCM	1	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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**Flare mode**

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**XOB #1483: Flare response Med-Be (Thick-Al) long/short pairs - 15s + G-band**

Term	Pointing (x, y)		Comment									
01/25 10:10:02 - 01/26 00:59:54	Track ( 316.6, -3.0) @ 01/25 10:08:00		# HOP 60, QS Dynamics									
01/26 01:12:02 - 01/26 05:59:54	Track ( -45.6, -0.4) @ 01/26 01:10:00		# HOP 63, MOTH-II Collaboration, with drive-by synoptic at 06:00:00 UT.									
01/26 06:12:02 - 01/26 10:00:54	Track ( -45.6, -0.4) @ 01/26 01:10:00		# HOP 63, MOTH-II Collaboration, with drive-by synoptic at 06:00:00 UT.									
01/26 10:03:06 - 01/29 10:23:00	Fixed ( 0.0, 0.0)		Backup plan									
<b>PROG= 06 Inf.-time(s)</b>												
<b>Subr= 1 1-time(s) 2.0sec</b>												
<b>Seqn= 59 1-time(s) 2.0sec</b>												
med-Be/Open	Open/thick-Al	close	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	DPCM	0	0	2.0sec
<b>Seqn= 63 35-time(s) 15.0sec</b>												
med-Be/Open	Open/thick-Al	close	Safe	Norm	5ms	Obs	1x1	384x384 (1024, 1024)	DPCM	2	0	2.0sec
med-Be/Open	Open/thick-Al	close	Safe	Norm	5ms	Obs	1x1	384x384 (1024, 1024)	DPCM	3	0	2.0sec
<b>Seqn= 35 1-time(s) 2.0sec</b>												
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (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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**Active Region Search**

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**ARS Patrol**

Term	Pointing (x, y)		Comment									
01/26 10:02:58 - 01/29 10:23:00	Fixed ( 0.0, 0.0)		Backup plan									
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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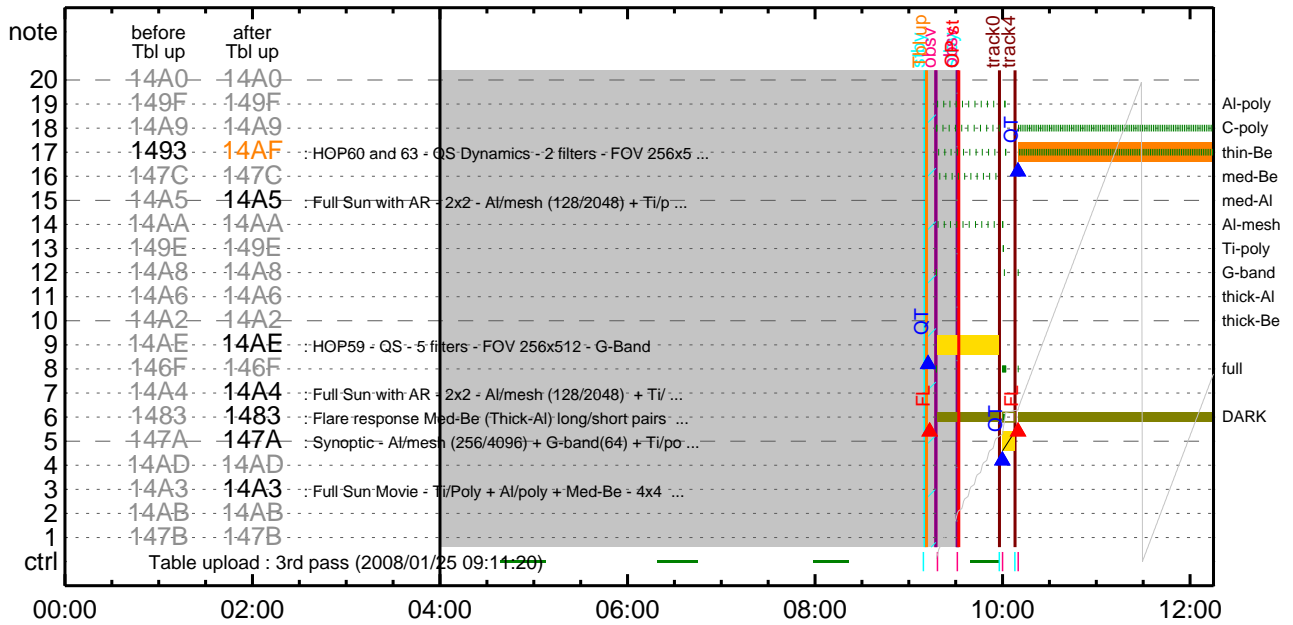
**Flare Detection**

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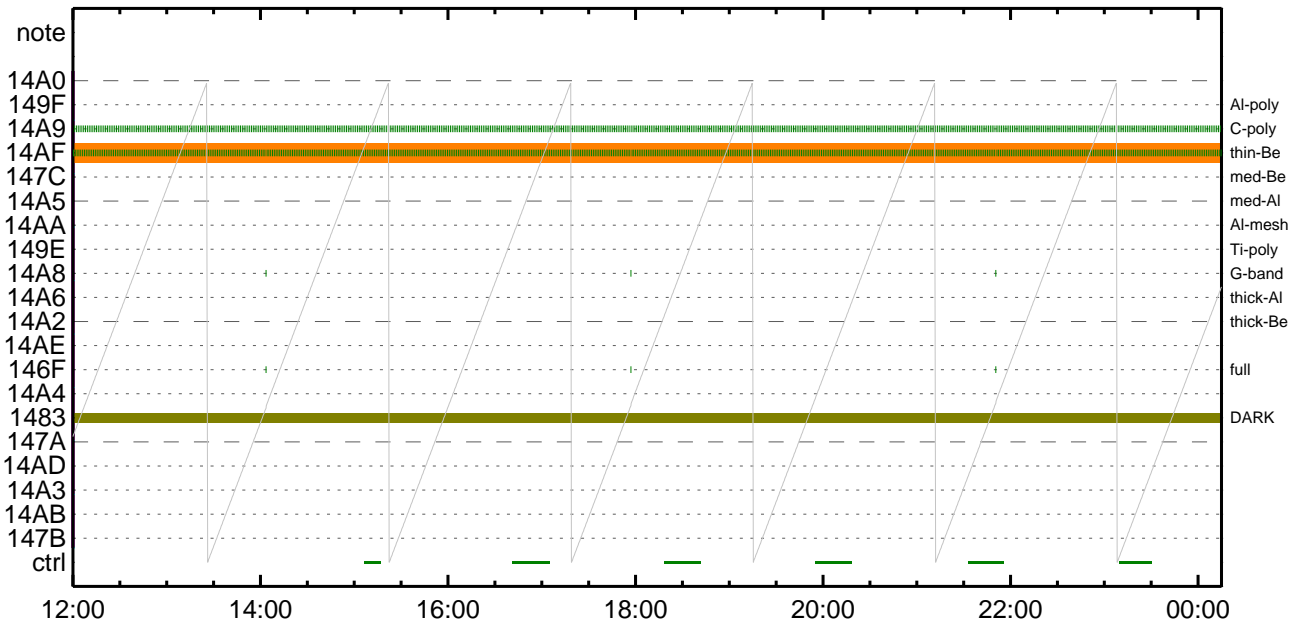
**FLD Patrol**

Term	Pointing (x, y)		Comment									
01/25 10:09:58 - 01/26 01:01:54	Track ( 316.6, -3.0) @ 01/25 10:08:00		# HOP 60, QS Dynamics									
01/26 01:11:58 - 01/26 06:01:54	Track ( -45.6, -0.4) @ 01/26 01:10:00		# HOP 63, MOTH-II Collaboration, with drive-by synoptic at 06:00:00 UT.									
01/26 06:11:58 - 01/29 10:23:00	Track ( -45.6, -0.4) @ 01/26 01:10:00		# HOP 63, MOTH-II Collaboration, with drive-by synoptic at 06:00:00 UT.									
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	

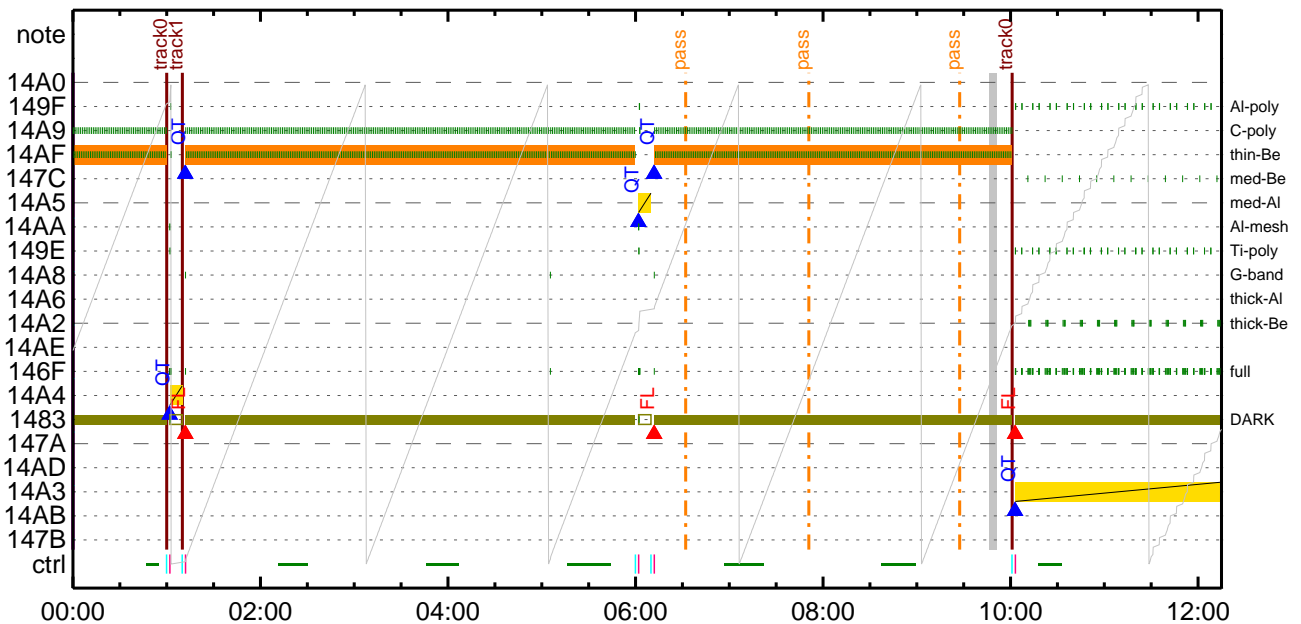
### CMDI #0680 2008/01/25



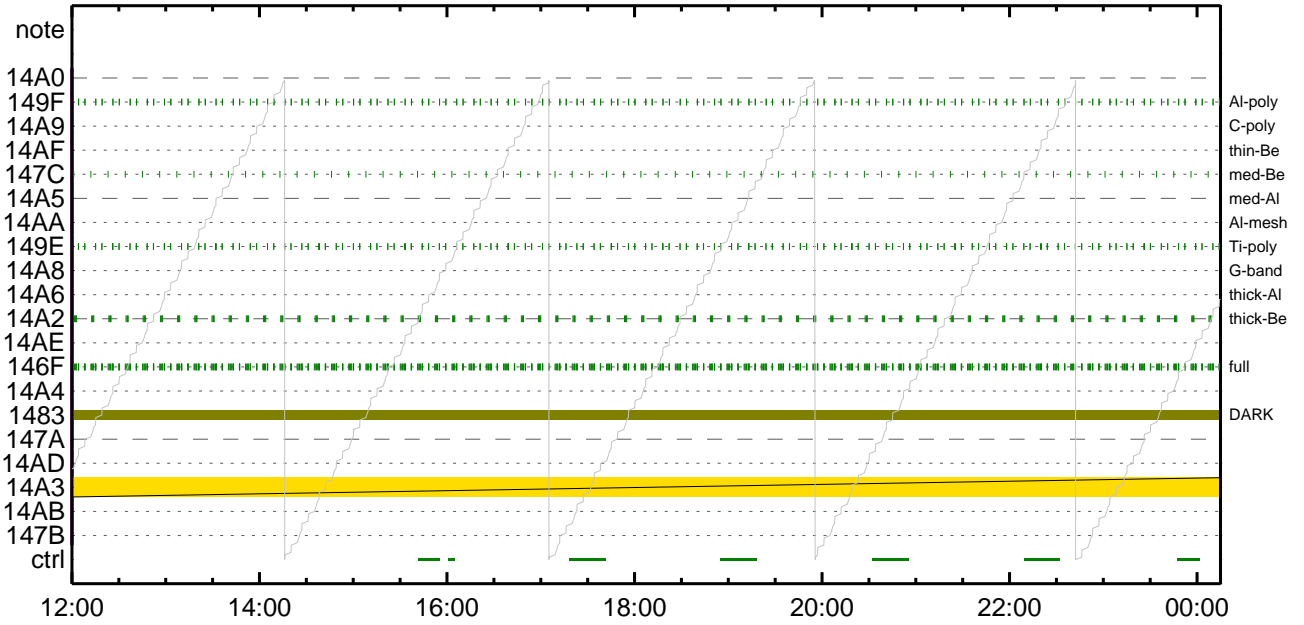
### CMDI #0680 2008/01/25



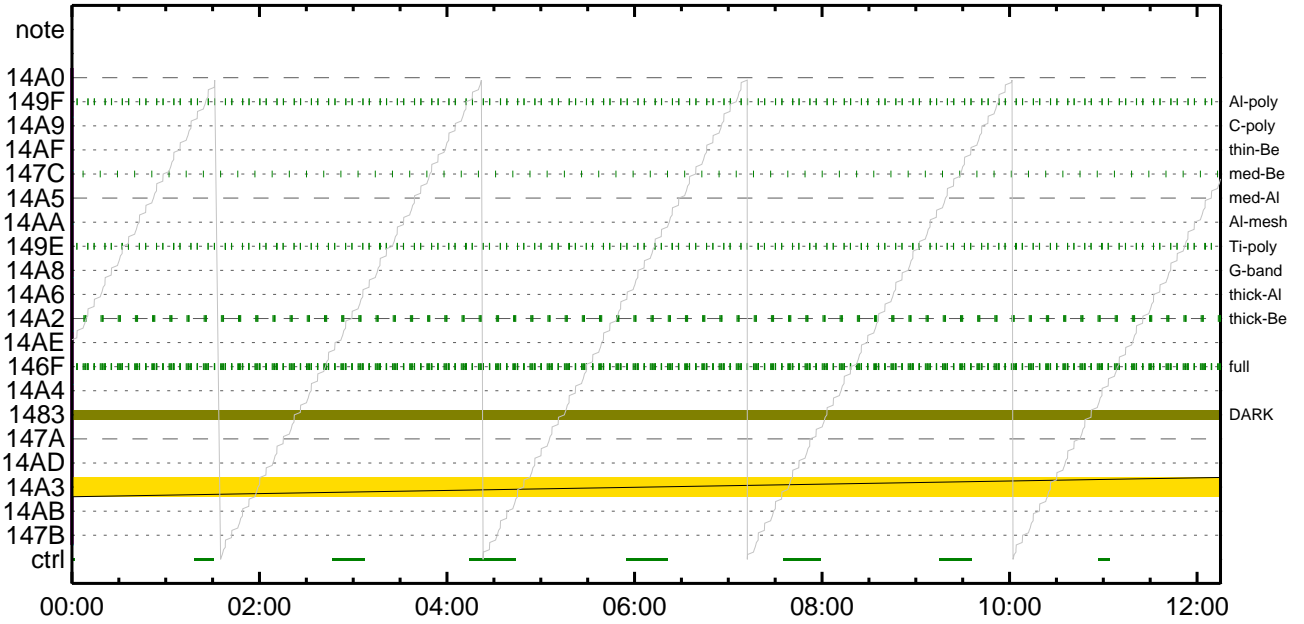
### CMDI #0680 2008/01/26



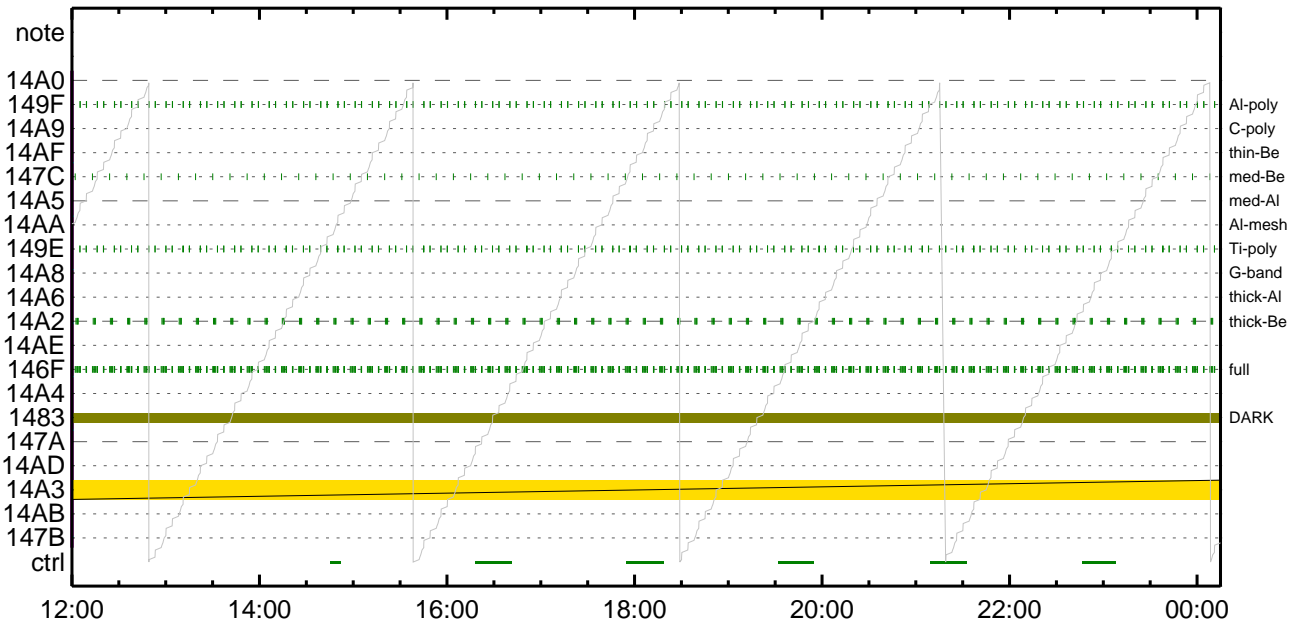
CMDI #0680 2008/01/26



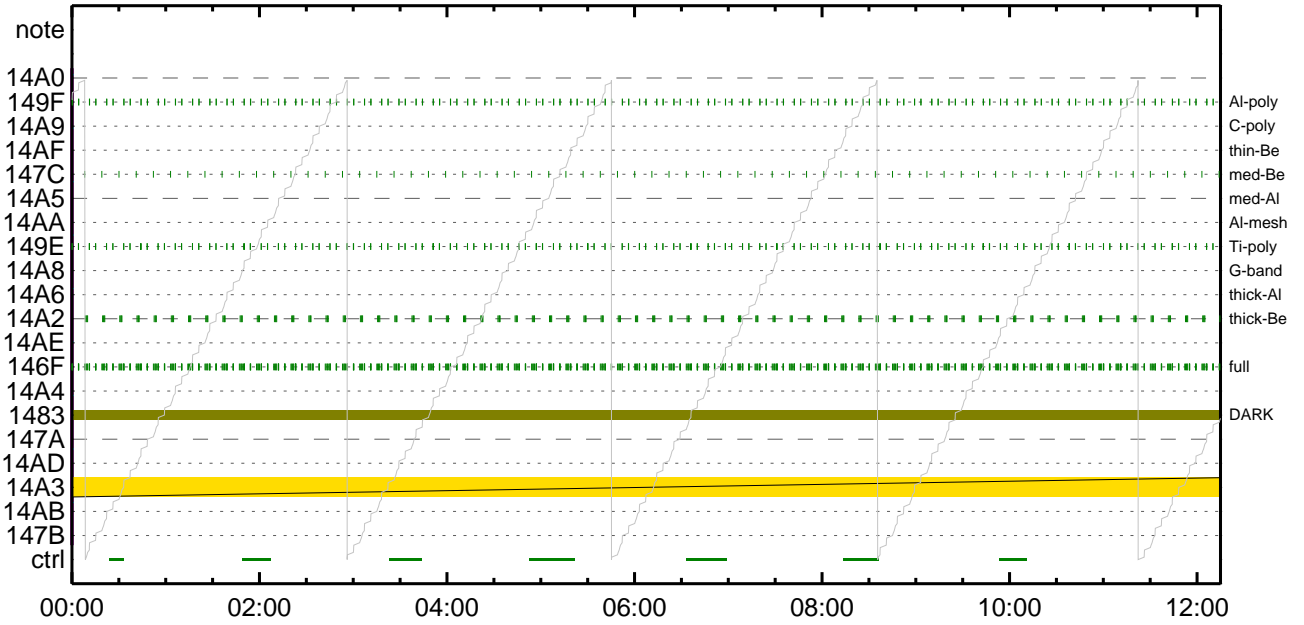
CMDI #0680 2008/01/27



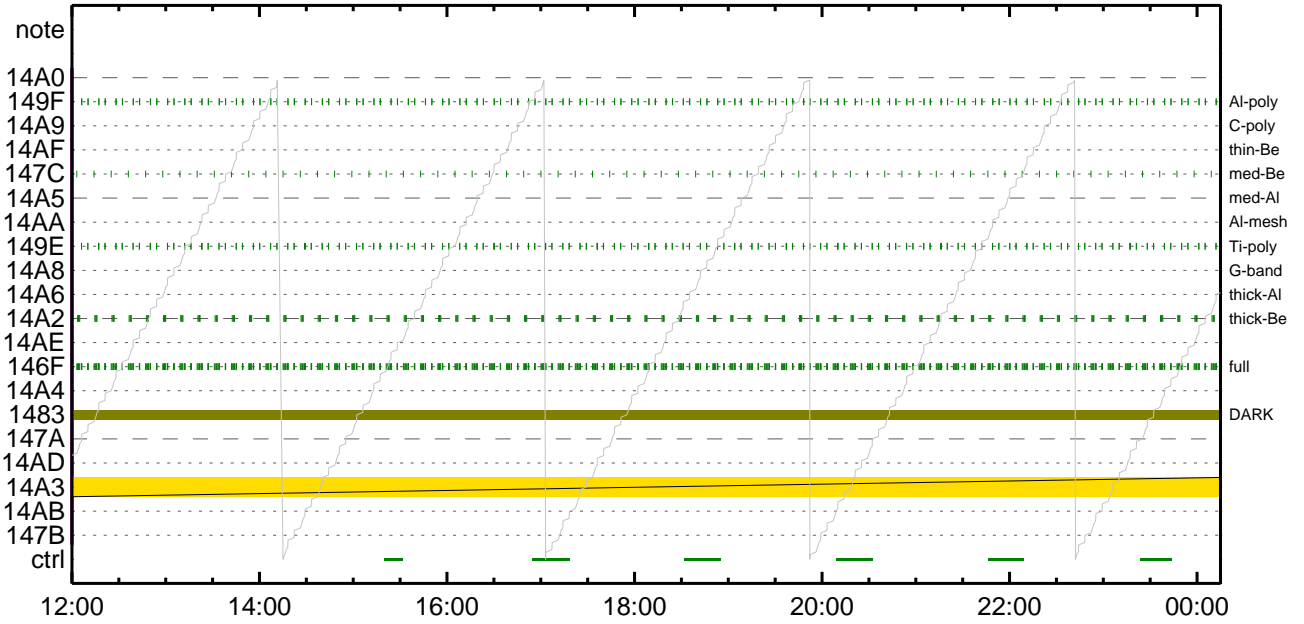
CMDI #0680 2008/01/27



CMDI #0680 2008/01/28



CMDI #0680 2008/01/28



CMDI #0680 2008/01/29

