

# XRT Timeline to be uploaded on 2007/11/17

Period: 2007/11/17 11:16:00 - 2007/11/20 09:52:00

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**Normal mode**

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<b>XOB #1464: XBP C/poly+Al/poly (AEC1) -FOV384x512-high-cadence-OK</b>												
Term	Pointing (x, y)	Comment										
11/17 11:28:02 - 11/17 12:12:54	Track ( 252.4, 154.7) <sup>Ⓜ 11/17 11:26:00</sup>	# OP start + 10min, XBP study, tracking new AR										
11/17 12:25:02 - 11/17 18:15:24	Track ( 260.8, 154.9) <sup>Ⓜ 11/17 12:23:00</sup>	# Cont.										
11/17 18:27:32 - 11/17 23:59:54	Track ( 313.8, 156.2) <sup>Ⓜ 11/17 18:25:30</sup>	# Cont.										
11/18 00:12:02 - 11/18 06:00:24	Track ( 363.2, 157.4) <sup>Ⓜ 11/18 00:10:00</sup>	# Cont.										
11/18 06:12:32 - 11/18 11:25:54	Track ( 413.6, 158.9) <sup>Ⓜ 11/18 06:10:30</sup>	# Cont.										
11/18 11:38:02 - 11/18 17:59:54	Track ( 458.0, 160.3) <sup>Ⓜ 11/18 11:36:00</sup>	# Cont.										
11/19 00:16:02 - 11/19 01:14:54	Track ( 556.2, 163.8) <sup>Ⓜ 11/19 00:14:00</sup>	# Cont.										
11/19 08:07:02 - 11/19 11:01:54	Track ( 613.2, 166.1) <sup>Ⓜ 11/19 08:05:00</sup>	* XBP study, tracking new AR										
<b>PROG= 20 Inf.-time(s)</b>												
└─ <b>Subr= 1 5-time(s) 2.0sec</b>												
└─ <b>Seqn= 98 10-time(s) 30.0sec</b>												
	C-poly/Open thin-Be/Open close	Safe Norm	22.6s	Obs 1x1	384x512 (1024, 1024)	DPCM 1 0	2.0sec					
└─ <b>Seqn= 52 1-time(s) 2.0sec</b>												
	Al-poly/Open Al-poly/thick-Al close	Safe Norm	11.3s	Obs 1x1	384x512 (1024, 1024)	DPCM 1 0	2.0sec					
└─ <b>Subr= 2 1-time(s) 2.0sec</b>												
└─ <b>Seqn= 69 1-time(s) 2.0sec</b>												
	C-poly/Open C-poly/Open close	Safe Dark	8.00s	Obs 1x1	384x512 (1024, 1024)	DPCM 0 0	2.0sec					
Default Filter	Thicker Filter	VLS	mode image	Exp.	CCD Bin	ROI: size (center)	Comp. AEC Buffer	Interval				

<b>XOB #1460: Synoptic - Al/mesh (512/8192) + G-band(64) + Ti/poly (1024/16384) + Dark cal (8192) + Al/poly(512/11571) + thin-Be(1024/32768) with axion cont</b>												
Term	Pointing (x, y)	Comment										
11/17 12:15:00 - 11/17 12:22:54	Fixed ( 0.0, 0.0)	synoptic, shifted 47.0 min										
11/18 00:02:00 - 11/18 00:09:54	Fixed ( 0.0, 0.0)	synoptic										
11/18 11:28:00 - 11/18 11:35:54	Fixed ( 0.0, 0.0)	synoptic, shifted -0.0 min										
11/19 00:06:00 - 11/19 00:13:54	Fixed ( 0.0, 0.0)	synoptic, shifted 4.0 min										
<b>PROG= 07 1-time(s)</b>												
└─ <b>Subr= 1 1-time(s) 2.0sec</b>												
└─ <b>Seqn= 80 1-time(s) 2.0sec</b>												
	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					
└─ <b>Seqn= 85 1-time(s) 2.0sec</b>												
	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	16.0s	Obs 1x1	2048x2048 (1024, 1024)	52% 0 0	2.0sec					
└─ <b>Seqn= 23 1-time(s) 2.0sec</b>												
	Open/Ti-poly Open/Ti-poly close	Safe Dark	8.00s	Obs 1x1	2048x2048 (1024, 1024)	52% 0 0	2.0sec					
└─ <b>Seqn=100 1-time(s) 2.0sec</b>												
	Open/G-band Open/G-band open	Safe Norm	63ms	Obs 1x1	2048x2048 (1024, 1024)	52% 0 0	2.0sec					
└─ <b>Seqn= 54 1-time(s) 2.0sec</b>												
	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					
└─ <b>Seqn= 4 1-time(s) 2.0sec</b>												
	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					
└─ <b>Subr= 2 1-time(s) 2.0sec</b>												
└─ <b>Seqn= 50 1-time(s) 2.0sec</b>												
	thin-Be/Open med-Be/Open close	Safe Norm	22.6s	Obs 8x8	2048x2048 (1024, 1024)	DPCM 0 0	2.0sec					
	med-Be/Open med-Al/Open close	Safe Norm	32.0s	Obs 8x8	2048x2048 (1024, 1024)	DPCM 0 0	2.0sec					
└─ <b>Seqn= 40 1-time(s) 2.0sec</b>												
	med-Be/Open med-Al/Open close	Safe Dark	32.0s	Obs 8x8	2048x2048 (1024, 1024)	DPCM 0 0	2.0sec					
Default Filter	Thicker Filter	VLS	mode image	Exp.	CCD Bin	ROI: size (center)	Comp. AEC Buffer	Interval				

<b>XOB #143B: Synoptic - Al/mesh (512/8192) + G-band(64) + Ti/poly (1024/16384) + Dark cal (8192) + Al/poly(512/11571) + C/poly (1024/16384ms)</b>												
Term	Pointing (x, y)	Comment										
11/17 18:17:30 - 11/17 18:25:24	Fixed ( 0.0, 0.0)	synoptic, shifted 15.5 min										
11/18 06:02:30 - 11/18 06:10:24	Fixed ( 0.0, 0.0)	synoptic, shifted 0.5 min										
11/18 18:02:00 - 11/18 18:09:54	Fixed ( 0.0, 0.0)	synoptic										
11/19 05:17:00 - 11/19 05:24:54	Fixed ( 0.0, 0.0)	synoptic, shifted manually										
<b>PROG= 17 1-time(s)</b>												
└─ <b>Subr= 1 1-time(s) 2.0sec</b>												
└─ <b>Seqn= 80 1-time(s) 2.0sec</b>												
	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					
└─ <b>Seqn= 85 1-time(s) 2.0sec</b>												
	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	16.0s	Obs 1x1	2048x2048 (1024, 1024)	52% 0 0	2.0sec					
└─ <b>Seqn= 23 1-time(s) 2.0sec</b>												
	Open/Ti-poly Open/Ti-poly close	Safe Dark	8.00s	Obs 1x1	2048x2048 (1024, 1024)	52% 0 0	2.0sec					
└─ <b>Seqn=100 1-time(s) 2.0sec</b>												
	Open/G-band Open/G-band open	Safe Norm	63ms	Obs 1x1	2048x2048 (1024, 1024)	52% 0 0	2.0sec					
└─ <b>Seqn= 54 1-time(s) 2.0sec</b>												

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
<b>Seqn= 58</b>		<b>1-time(s)</b>		<b>2.0sec</b>								
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	16.0s	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 #1463: XBP C/poly+Al/poly (AEC1) -FOV384x512-medium-cadence**

Term	Pointing (x, y)	Comment
11/18 18:12:02 - 11/19 00:03:54	Track ( 510.0, 162.1) <sup>@ 11/18 18:10:00</sup>	# Cont.
<b>PROG= 03 Inf.-time(s)</b>		
<b>Subr= 1 5-time(s) 2.0sec</b>		
<b>Seqn= 98 10-time(s) 50.0sec</b>		
C-poly/Open	thin-Be/Open	close Safe Norm 22.6s Obs 1x1 384x512 (1024, 1024) DPCM 1 0 2.0sec
<b>Seqn= 52 1-time(s) 2.0sec</b>		
Al-poly/Open	Al-poly/thick-Al	close Safe Norm 11.3s Obs 1x1 384x512 (1024, 1024) DPCM 1 0 2.0sec
<b>Subr= 2 1-time(s) 2.0sec</b>		
<b>Seqn= 69 1-time(s) 2.0sec</b>		
C-poly/Open	C-poly/Open	close Safe Dark 8.00s Obs 1x1 384x512 (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 #13DA: G-Band Alignment with North Pole (G-band only) - ROI For Limb Alignment**

Term	Pointing (x, y)	Comment
11/19 01:17:02 - 11/19 03:14:54	Fixed ( 0.0, 945.0)	* Alignment offset pointing, N
<b>PROG= 12 Inf.-time(s)</b>		
<b>Subr= 1 1-time(s) 360.0sec</b>		
<b>Seqn= 15 1-time(s) 180.0sec</b>		
Open/G-band	Open/G-band	open Safe Norm 63ms Obs 1x1 2048x1536 (1024, 768) 52% 0 0 2.0sec
Default Filter	Thicker Filter	VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

**XOB #13DB: G-Band Alignment with East limb (G-band only) - ROI for Limb Alignment**

Term	Pointing (x, y)	Comment
11/19 03:17:02 - 11/19 05:14:54	Fixed (-945.0, 0.0)	* Alignment offset pointing, E
<b>PROG= 09 Inf.-time(s)</b>		
<b>Subr= 1 1-time(s) 360.0sec</b>		
<b>Seqn= 3 1-time(s) 180.0sec</b>		
Open/G-band	Open/G-band	open Safe Norm 63ms Obs 1x1 1536x2048 (1280, 1024) 52% 0 0 2.0sec
Default Filter	Thicker Filter	VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

**XOB #1462: HOP 52 (Al/poly 512x512, 2048x2048)**

Term	Pointing (x, y)	Comment
11/19 05:27:02 - 11/19 08:04:54	Track ( -15.0, -0.2) <sup>@ 11/19 05:25:00</sup>	# HOP 52 (officially until 08:00 UT), high-cadence EUV dynamics, tracking QS
<b>PROG= 11 Inf.-time(s)</b>		
<b>Subr= 1 4-time(s) 2.0sec</b>		
<b>Seqn= 30 30-time(s) 50.0sec</b>		
Al-poly/Open	Al-poly/thick-Al	close Safe Norm 8.00s Obs 1x1 512x512 (1024, 1024) DPCM 1 0 2.0sec
<b>Seqn= 97 1-time(s) 2.0sec</b>		
Al-poly/Open	C-poly/Open	close Safe Dark 8.00s Obs 1x1 512x512 (1024, 1024) DPCM 0 0 2.0sec
<b>Subr= 2 1-time(s) 2.0sec</b>		
<b>Seqn= 55 1-time(s) 2.0sec</b>		
Al-poly/Open	Al-poly/thick-Al	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
11/19 11:04:00 - 11/20 09:52:00	Fixed ( 0.0, 0.0)	Backup plan
<b>PROG= 02 Inf.-time(s)</b>		
<b>Subr= 1 1-time(s) 2.0sec</b>		
<b>Seqn= 8 3-time(s) 1200.0sec</b>		
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
<b>Seqn= 10 1-time(s) 2.0sec</b>		
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
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11/17 12:24:56 - 11/17 18:17:28 Track ( 260.8, 154.9) @ 11/17 12:23:00 # Cont.  
 11/17 18:27:26 - 11/18 00:01:58 Track ( 313.8, 156.2) @ 11/17 18:25:30 # Cont.  
 11/18 00:11:56 - 11/18 06:02:28 Track ( 363.2, 157.4) @ 11/18 00:10:00 # Cont.  
 11/18 06:12:26 - 11/18 11:27:58 Track ( 413.6, 158.9) @ 11/18 06:10:30 # Cont.  
 11/18 11:37:56 - 11/18 18:01:58 Track ( 458.0, 160.3) @ 11/18 11:36:00 # Cont.  
 11/18 18:11:56 - 11/19 00:05:58 Track ( 510.0, 162.1) @ 11/18 18:10:00 # Cont.  
 11/19 00:15:56 - 11/19 05:16:58 Track ( 556.2, 163.8) @ 11/19 00:14:00 # Cont.  
 11/19 05:26:56 - 11/20 09:52:00 Track ( -15.0, -0.2) @ 11/19 05:25:00 # HOP 52 (officially until 08:00 UT), high-cadence EUV dynamics, tracking QS

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

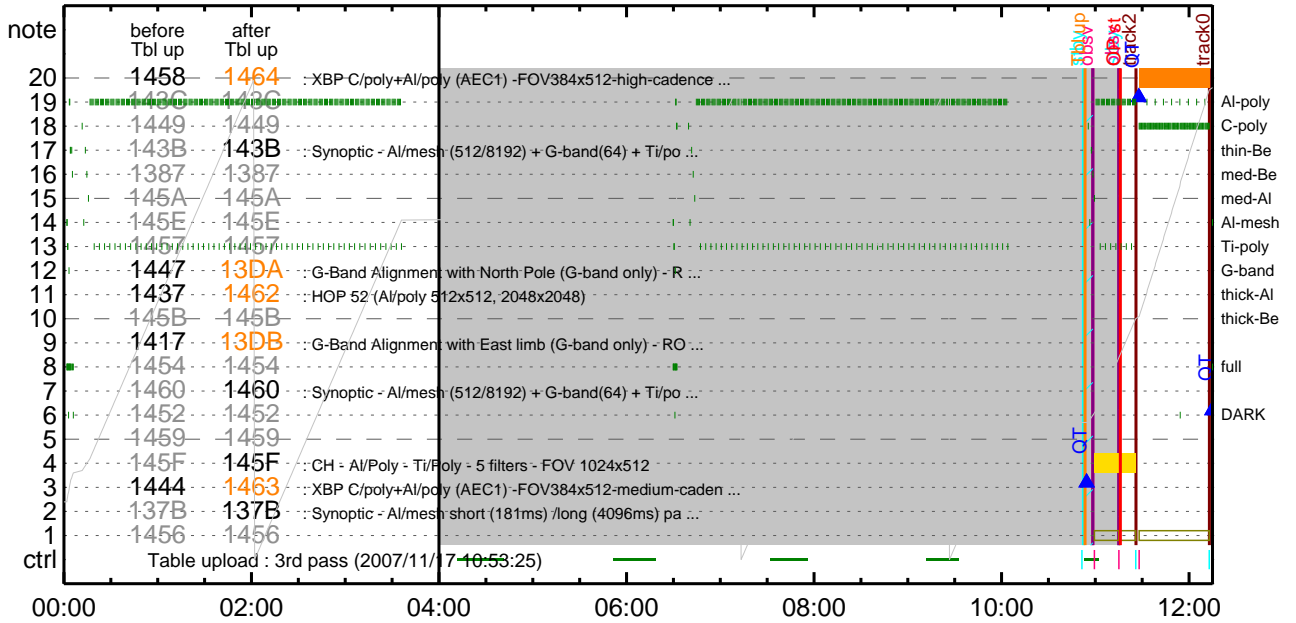
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### Flare Detection

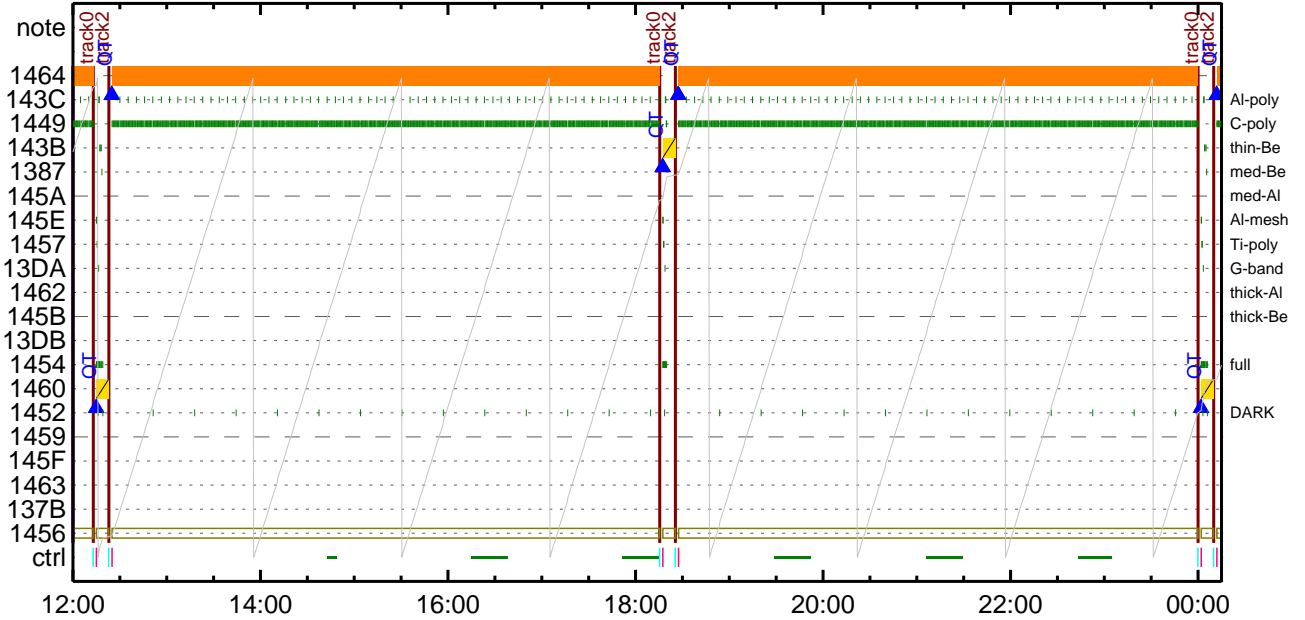
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NOT USED

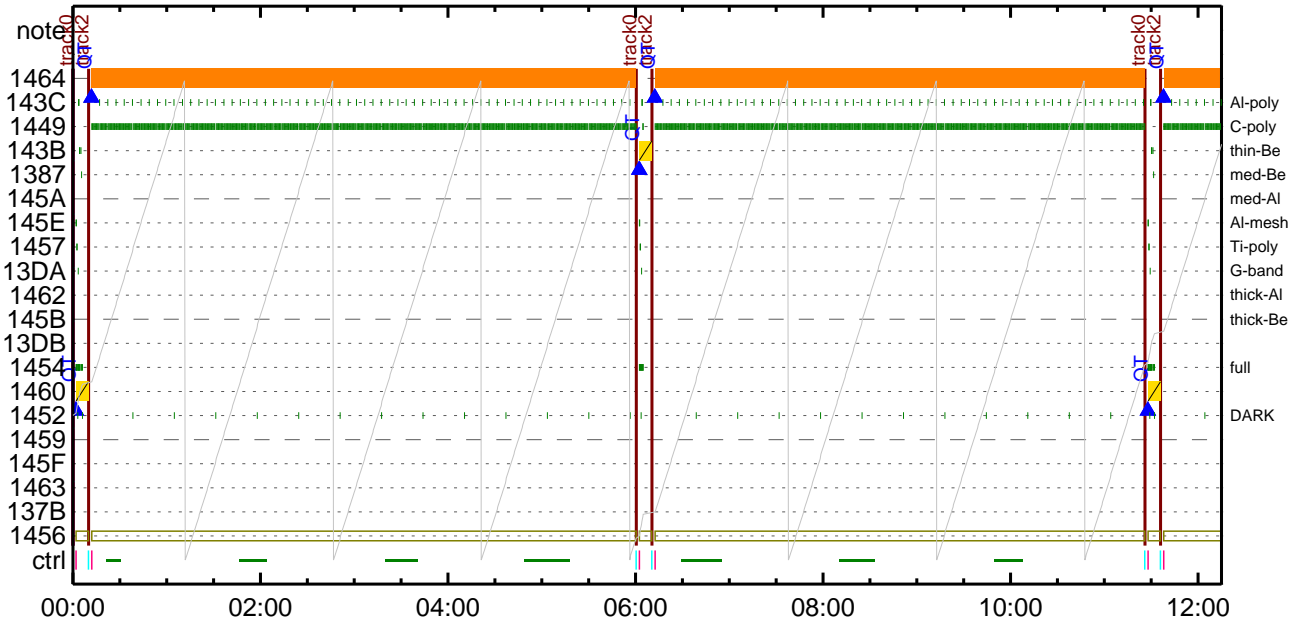
exported #20071117004 2007/11/17



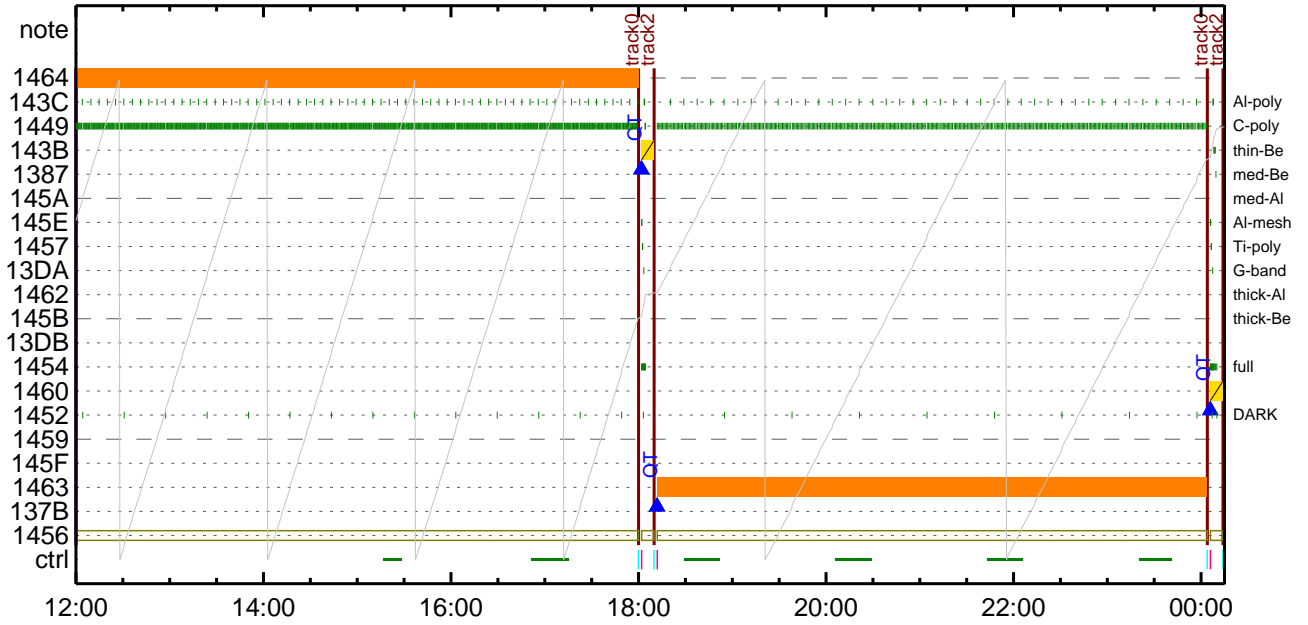
exported #20071117004 2007/11/17



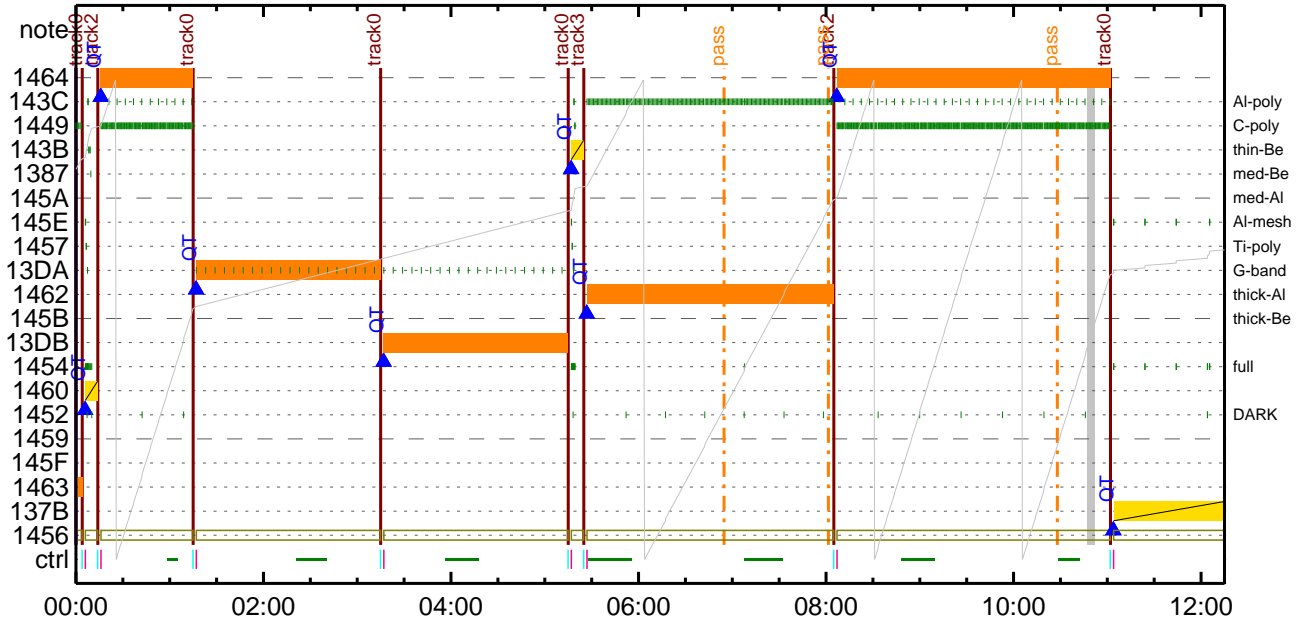
exported #20071117004 2007/11/18



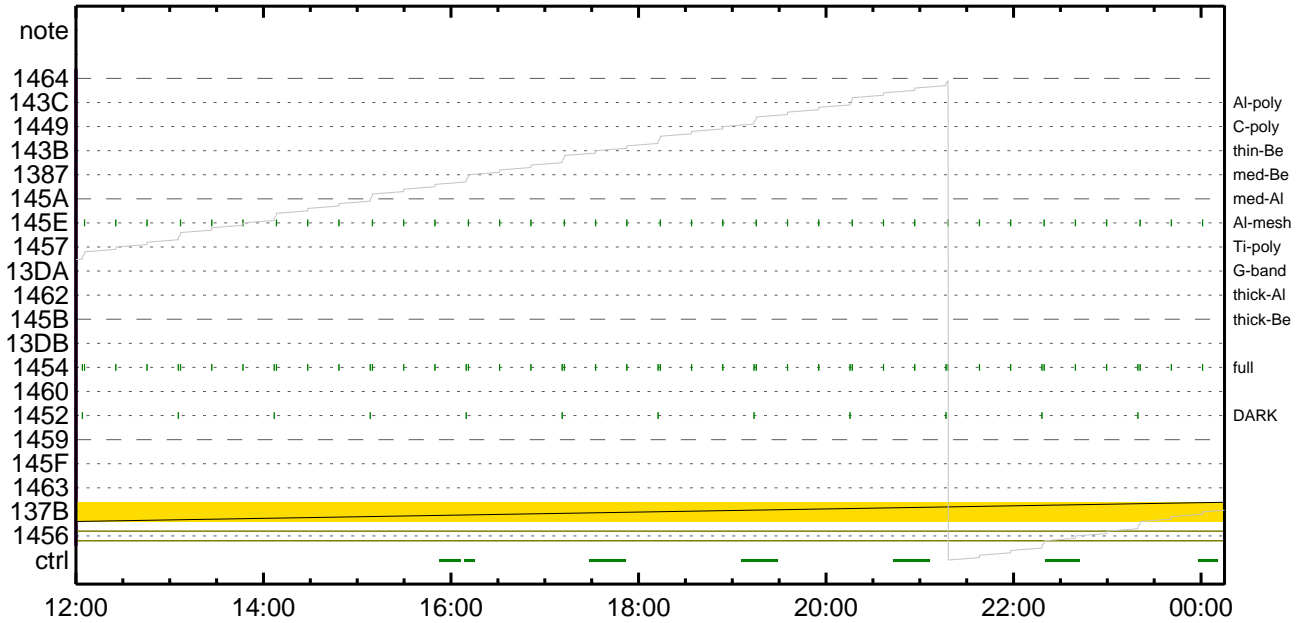
exported #20071117004 2007/11/18



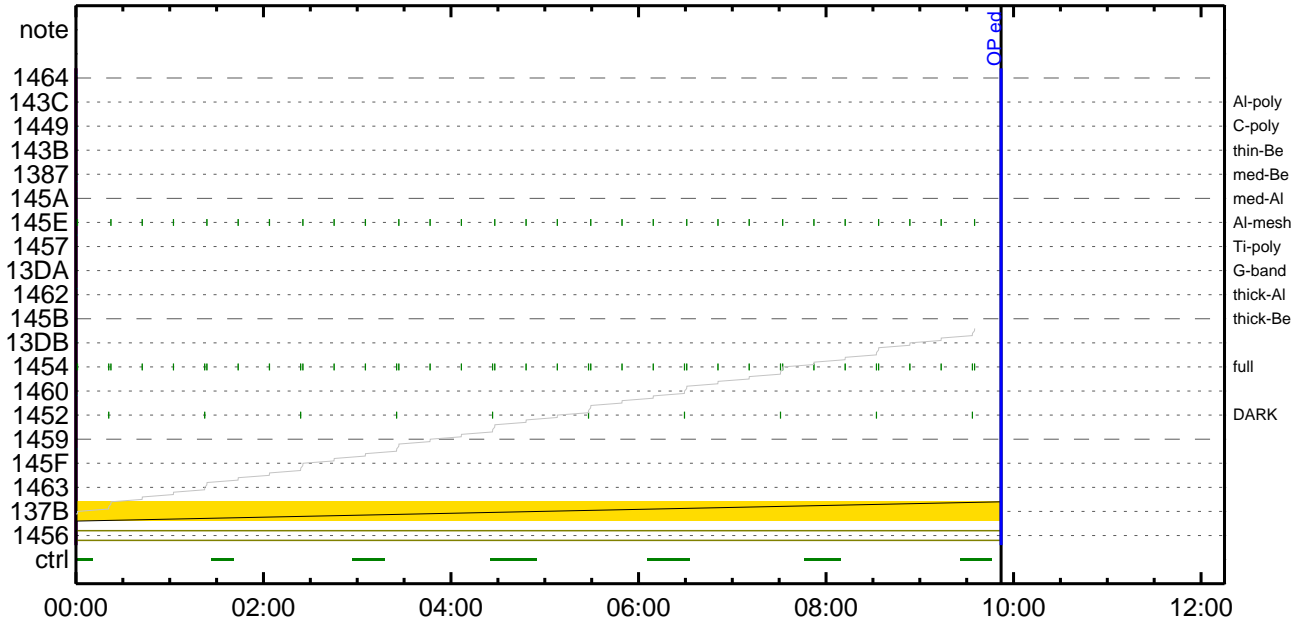
exported #20071117004 2007/11/19



exported #20071117004 2007/11/19



exported #20071117004 2007/11/20



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