

XRT Timeline to be uploaded on 2012/06/26

Period: 2012/06/26 10:48:00 - 2012/07/30 12:00:00

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Normal mode

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XOB #18F5: AR Standard-A(Filter-Ratio) with PFB, FW1=Open, 512x512 at 1064 1048, 100s cad													
Term	Pointing (x, y)							Comment					
06/26 11:01:00 - 06/26 12:07:00	Track (-506.7, -333.5) ^{06/26 10:58:00}	# OP start + 10min, AR at S-E											
06/28 07:19:00 - 06/28 07:59:54	Track (-163.1, -342.8) ^{06/28 06:47:00}	AR at S-E											
PROG= 11 Inf.-time(s)													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 17 1-time(s) 2.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	512x512 (1064, 1048)	Q=98	0	0	2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	512x512 (1064, 1048)	Q=98	0	0	2.0sec
└─ Seqn= 15 4-time(s) 2.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
	Open/thick-Al	Open/thick-Be	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
└─ Subr= 2 1-time(s) 2.0sec													
└─ Seqn= 32 18-time(s) 2.0sec													
	Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
	Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
	Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	1	2.0sec
	Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	1	2.0sec
	Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	2	2.0sec
	Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	2	2.0sec
	Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	3	2.0sec
	Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	3	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1748: HOP79 G-Band Q90 2x2 - Al/mesh - Ti/Poly 384FOV													
Term	Pointing (x, y)							Comment					
06/26 12:41:30 - 06/26 13:03:24	Fixed (-5.0, -945.0)	HOP79 (1/20)											
06/26 13:06:30 - 06/26 13:45:30	Fixed (-5.0, -888.0)	(2/20)											
06/26 14:26:00 - 06/26 14:47:54	Fixed (-5.0, -788.0)	(3/20)											
06/26 14:51:00 - 06/26 15:24:00	Fixed (-5.0, -688.0)	(4/20)											
06/26 16:15:30 - 06/26 17:02:30	Fixed (-5.0, -588.0)	(5/20)											
06/26 17:52:30 - 06/26 18:14:24	Fixed (-5.0, -488.0)	(6/20)											
06/26 18:17:30 - 06/26 18:41:00	Fixed (-5.0, -388.0)	(7/20)											
06/26 19:29:00 - 06/26 19:50:54	Fixed (-5.0, -288.0)	(8/20)											
06/26 19:54:00 - 06/26 20:19:30	Fixed (-5.0, -188.0)	(9/20)											
06/26 21:06:30 - 06/26 21:28:24	Fixed (-5.0, -88.0)	(10/20)											
06/26 22:42:00 - 06/26 23:03:54	Fixed (-5.0, 102.0)	(12/20)											
06/26 23:07:00 - 06/26 23:36:30	Fixed (-5.0, 202.0)	(13/20)											
PROG= 05 1-time(s)													
└─ Subr= 1 1-time(s) 120.0sec													
└─ Seqn= 66 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
└─ Subr= 2 1-time(s) 2.0sec													
└─ Seqn= 50 6-time(s) 120.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=90	0	0	2.0sec
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	4.00s	Obs	1x1	384x384 (1024, 1024)	Q=90	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #17B9: Synoptic Q95 2x2 - Al/mesh(16/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(33/2048) + G-band(16)													
Term	Pointing (x, y)							Comment					
06/26 21:31:30 - 06/26 21:58:00	Fixed (-5.0, 2.0)	(11/20)											
06/28 06:00:00 - 06/28 06:06:54	Fixed (0.0, 0.0)	synoptic, shifted -3.0 min											
PROG= 14 1-time(s)													
└─ Subr= 1 1-time(s) 12.0sec													
└─ Seqn= 7 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	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= 8 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	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 4 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	16ms	Obs	2x2	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 #1778: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 1st Quadrant - Al/mesh, Ti/Poly-long												
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Term	Pointing (x, y)	Comment
06/28 06:10:00 - 06/28 06:16:54	Fixed (-528.4, -528.4)	#XRT four-quadrant(1/4)
PROG= 09 1-time(s)		
└─ Subr= 1 1-time(s) 12.0sec		
└─ Seqn= 38 1-time(s) 12.0sec		
Open/G-band	Open/G-band open Safe Norm 44ms	Obs 1x1 1024x1024 (1536, 1536) Q=90 0 0 2.0sec
Open/G-band	Open/G-band open Safe Norm 44ms	Obs 1x1 1024x1024 (1536, 1536) Q=90 0 0 2.0sec
Open/thick-Be	Open/thick-Be close Safe Dark 44ms	Obs 1x1 1024x1024 (1536, 1536) Q=98 0 0 2.0sec
Open/thick-Be	Open/thick-Be close Safe Dark 44ms	Obs 1x1 1024x1024 (1536, 1536) Q=98 0 0 2.0sec
└─ Subr= 2 1-time(s) 2.0sec		
└─ Seqn= 93 2-time(s) 2.0sec		
Open/Al-mesh	Open/Ti-poly close Safe Norm 4.00s	Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Ti-poly	Open/thick-Al close Safe Norm 8.00s	Obs 2x2 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 #1779: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 2nd Quadrant - Al/mesh,Ti/Poly -long

Term	Pointing (x, y)	Comment
06/28 06:20:00 - 06/28 06:26:54	Fixed (528.4, -528.4)	(2/4)
PROG= 12 1-time(s)		
└─ Subr= 1 1-time(s) 12.0sec		
└─ Seqn= 36 1-time(s) 12.0sec		
Open/G-band	Open/G-band open Safe Norm 44ms	Obs 1x1 1024x1024 (512, 1536) Q=90 0 0 2.0sec
Open/G-band	Open/G-band open Safe Norm 44ms	Obs 1x1 1024x1024 (512, 1536) Q=90 0 0 2.0sec
Open/thick-Be	Open/thick-Be close Safe Dark 44ms	Obs 1x1 1024x1024 (512, 1536) Q=98 0 0 2.0sec
Open/thick-Be	Open/thick-Be close Safe Dark 44ms	Obs 1x1 1024x1024 (512, 1536) Q=98 0 0 2.0sec
└─ Subr= 2 1-time(s) 2.0sec		
└─ Seqn= 93 2-time(s) 2.0sec		
Open/Al-mesh	Open/Ti-poly close Safe Norm 4.00s	Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Ti-poly	Open/thick-Al close Safe Norm 8.00s	Obs 2x2 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 #177A: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 3rd Quadrant- Al/mesh, Ti/Poly-long

Term	Pointing (x, y)	Comment
06/28 06:30:00 - 06/28 06:34:54	Fixed (528.4, 528.4)	(3/4)
PROG= 17 1-time(s)		
└─ Subr= 1 1-time(s) 12.0sec		
└─ Seqn= 39 1-time(s) 12.0sec		
Open/G-band	Open/G-band open Safe Norm 44ms	Obs 1x1 1024x1024 (512, 512) Q=90 0 0 2.0sec
Open/G-band	Open/G-band open Safe Norm 44ms	Obs 1x1 1024x1024 (512, 512) Q=90 0 0 2.0sec
Open/thick-Be	Open/thick-Be close Safe Dark 44ms	Obs 1x1 1024x1024 (512, 512) Q=98 0 0 2.0sec
Open/thick-Be	Open/thick-Be close Safe Dark 44ms	Obs 1x1 1024x1024 (512, 512) Q=98 0 0 2.0sec
└─ Subr= 2 1-time(s) 2.0sec		
└─ Seqn= 93 2-time(s) 2.0sec		
Open/Al-mesh	Open/Ti-poly close Safe Norm 4.00s	Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Ti-poly	Open/thick-Al close Safe Norm 8.00s	Obs 2x2 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 #177B: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 4th Quadrant - Al/mesh, Ti/Poly-long

Term	Pointing (x, y)	Comment
06/28 06:38:00 - 06/28 06:41:00	Fixed (-528.4, 528.4)	(4/4)
PROG= 15 1-time(s)		
└─ Subr= 1 1-time(s) 12.0sec		
└─ Seqn= 40 1-time(s) 12.0sec		
Open/G-band	Open/G-band open Safe Norm 44ms	Obs 1x1 1024x1024 (1536, 512) Q=90 0 0 2.0sec
Open/G-band	Open/G-band open Safe Norm 44ms	Obs 1x1 1024x1024 (1536, 512) Q=90 0 0 2.0sec
Open/thick-Be	Open/thick-Be close Safe Dark 44ms	Obs 1x1 1024x1024 (1536, 512) Q=98 0 0 2.0sec
Open/thick-Be	Open/thick-Be close Safe Dark 44ms	Obs 1x1 1024x1024 (1536, 512) Q=98 0 0 2.0sec
└─ Subr= 2 1-time(s) 2.0sec		
└─ Seqn= 93 2-time(s) 2.0sec		
Open/Al-mesh	Open/Ti-poly close Safe Norm 4.00s	Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Ti-poly	Open/thick-Al close Safe Norm 8.00s	Obs 2x2 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

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Flare mode

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XOB #1828: Flare Standard Obs. with eruptions mode-A (FW1=Open)

Term	Pointing (x, y)	Comment
06/26 11:01:00 - 06/26 12:07:00	Track (-506.7, -333.5) ^{Ⓜ 06/26 10:58:00}	# OP start + 10min, AR at S-E
06/28 07:19:00 - 06/28 07:59:54	Track (-163.1, -342.8) ^{Ⓜ 06/28 06:47:00}	AR at S-E
PROG= 13 1-time(s)		
└─ Subr= 1 30-time(s) 20.0sec		
└─ Seqn= 88 1-time(s) 2.0sec		
Open/thick-Al	Open/thick-Al close Safe Norm 1.00s	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=100 1-time(s) 2.0sec		
Open/Al-mesh	Open/Al-mesh close Safe Norm 125ms	Obs 2x2 512x512 (1024, 1024) Q=95 2 0 2.0sec

Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Subr= 2 1-time(s) 2.0sec												
Seqn= 90 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	63ms	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 30-time(s) 60.0sec												
Seqn= 88 1-time(s) 2.0sec												
Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	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= 60 1-time(s) 2.0sec												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Subr= 2 1-time(s) 2.0sec												
Seqn= 90 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	63ms	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 30-time(s) 60.0sec												
Seqn= 88 1-time(s) 2.0sec												
Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	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= 60 1-time(s) 2.0sec												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Subr= 2 1-time(s) 2.0sec												
Seqn= 90 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	63ms	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 30-time(s) 60.0sec												
Seqn= 88 1-time(s) 2.0sec												
Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	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= 60 1-time(s) 2.0sec												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Subr= 4 24-time(s) 600.0sec												
Seqn= 89 1-time(s) 2.0sec												
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Dark	1.00s	Obs	1x1	384x384 (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	

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Active Region Search

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NOT USED

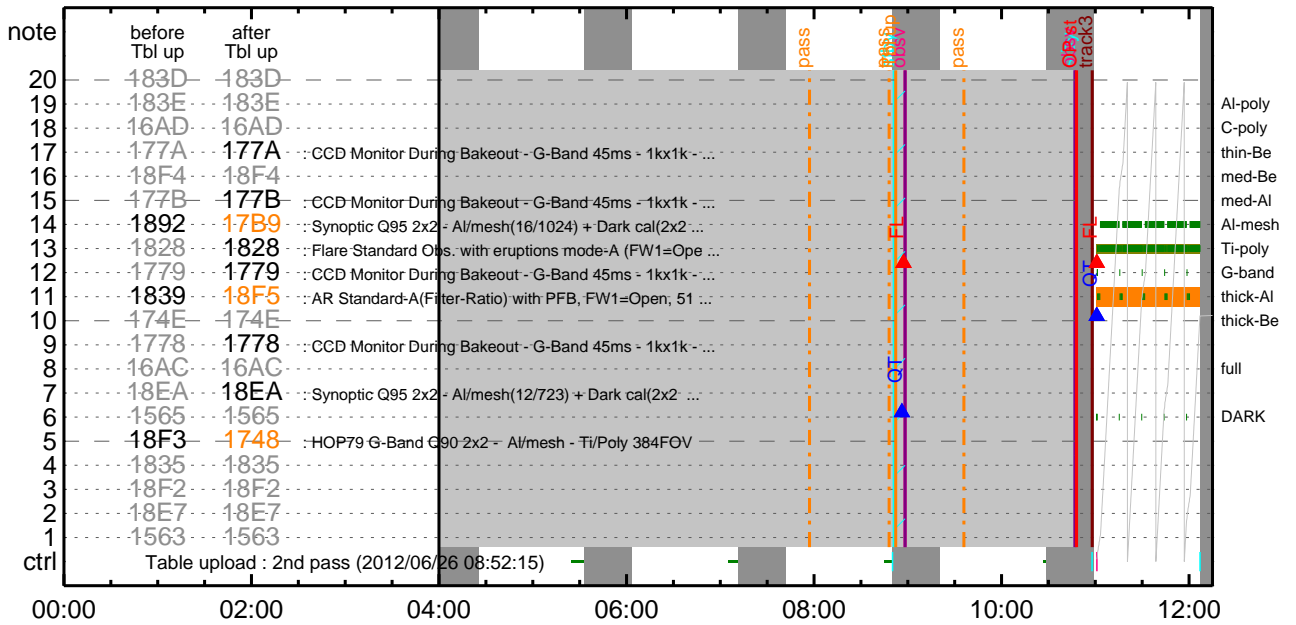
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Flare Detection

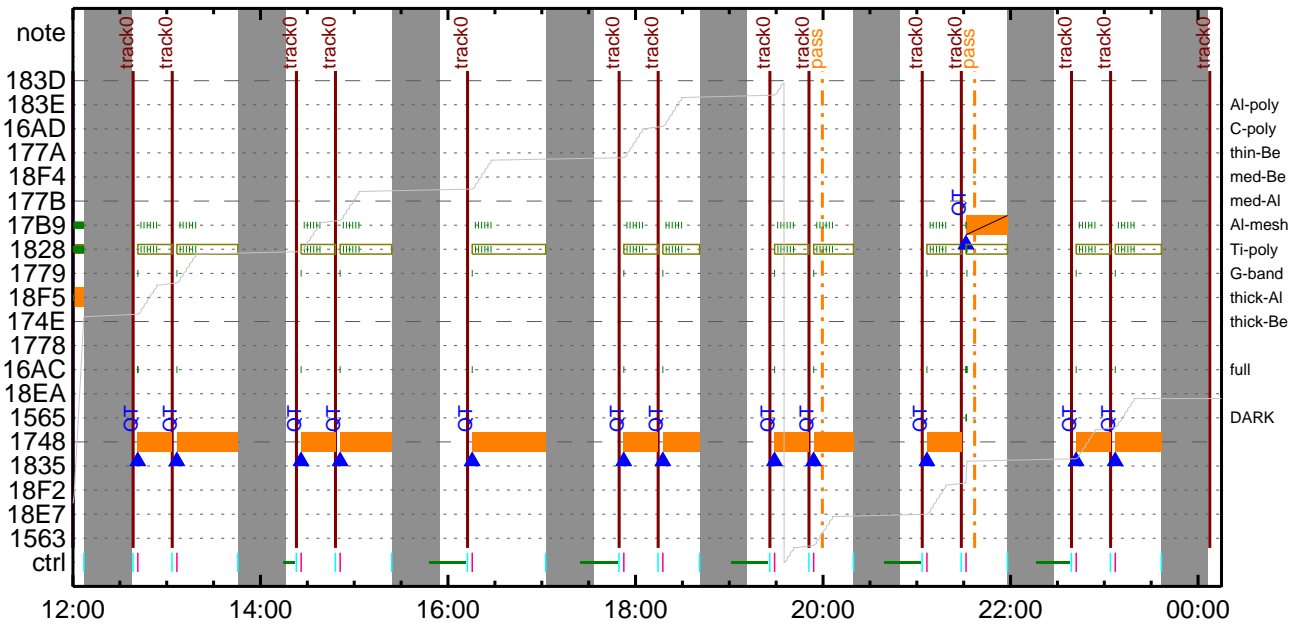
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FLD Patrol												
Term		Pointing (x, y)						Comment				
06/26 11:00:46 - 06/26 12:41:18		Track (-506.7, -333.5) @ 06/26 10:58:00						# OP start + 10min, AR at S-E				
06/28 06:51:16 - 07/30 12:00:00		Track (-163.1, -342.8) @ 06/28 06:47:00						AR at S-E				
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	

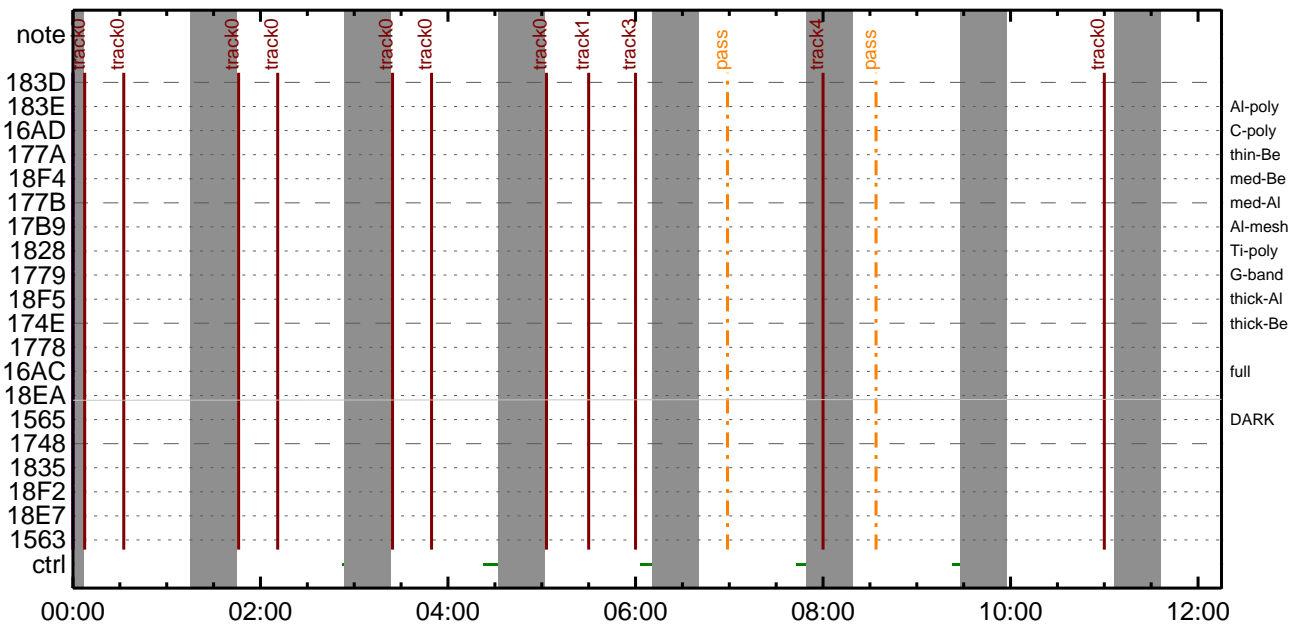
CMDI #0728 2012/06/26



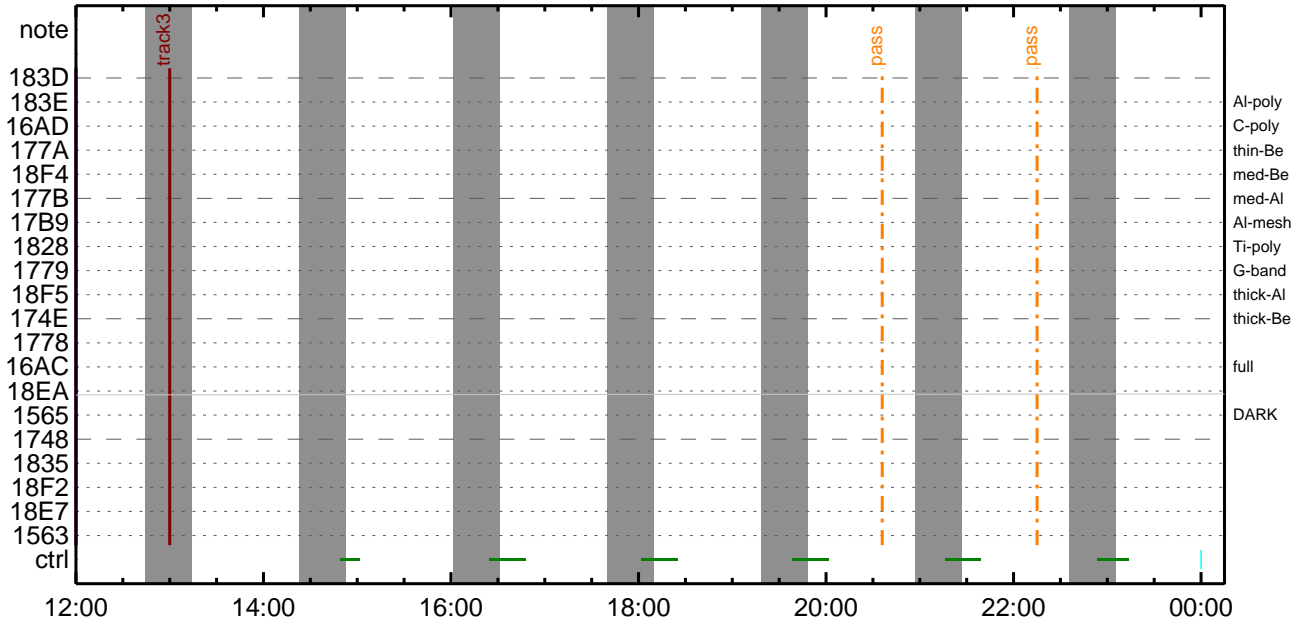
CMDI #0728 2012/06/26



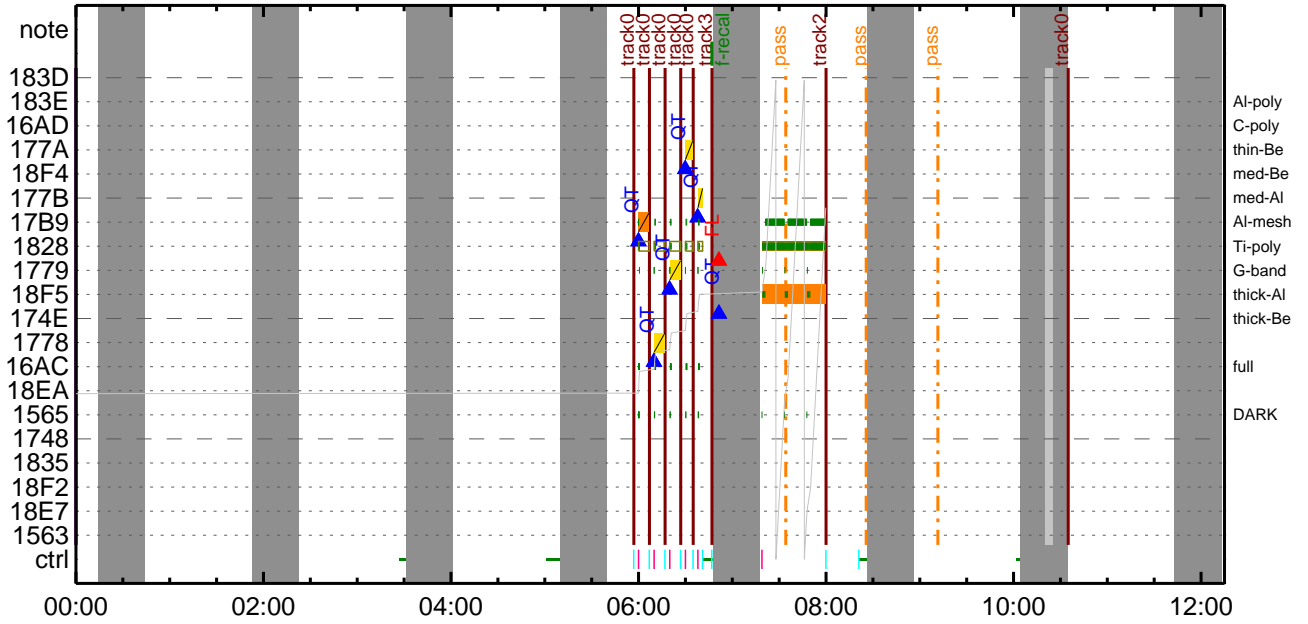
CMDI #0728 2012/06/27



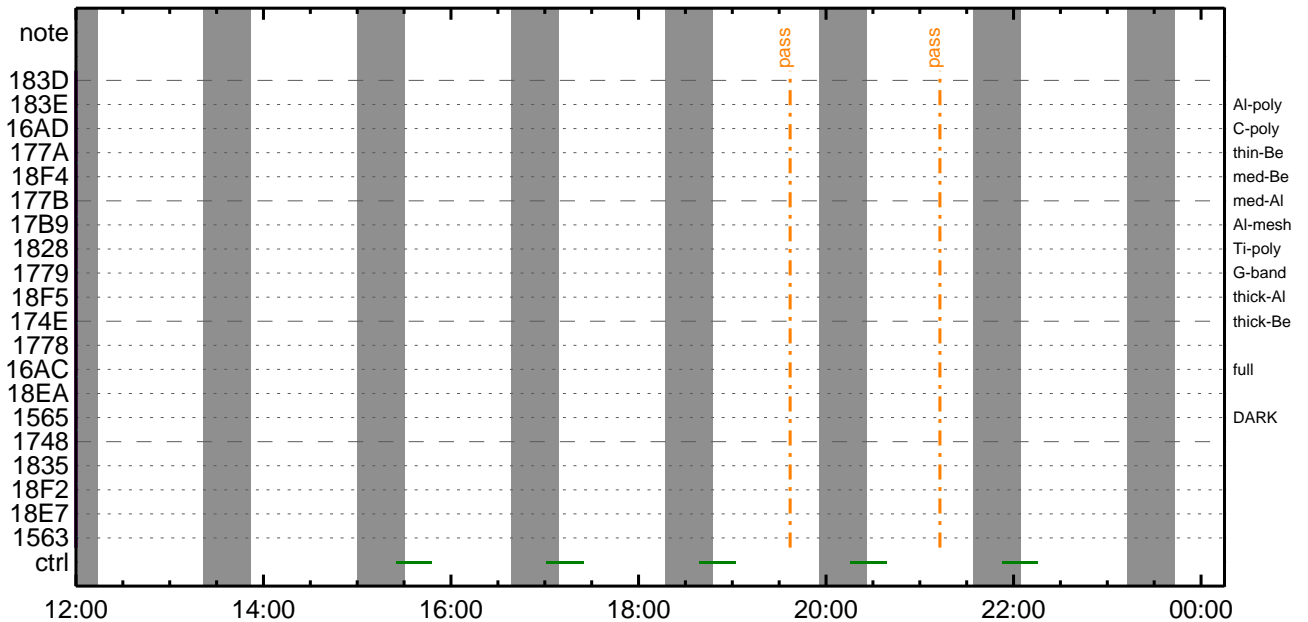
CMDI #0728 2012/06/27



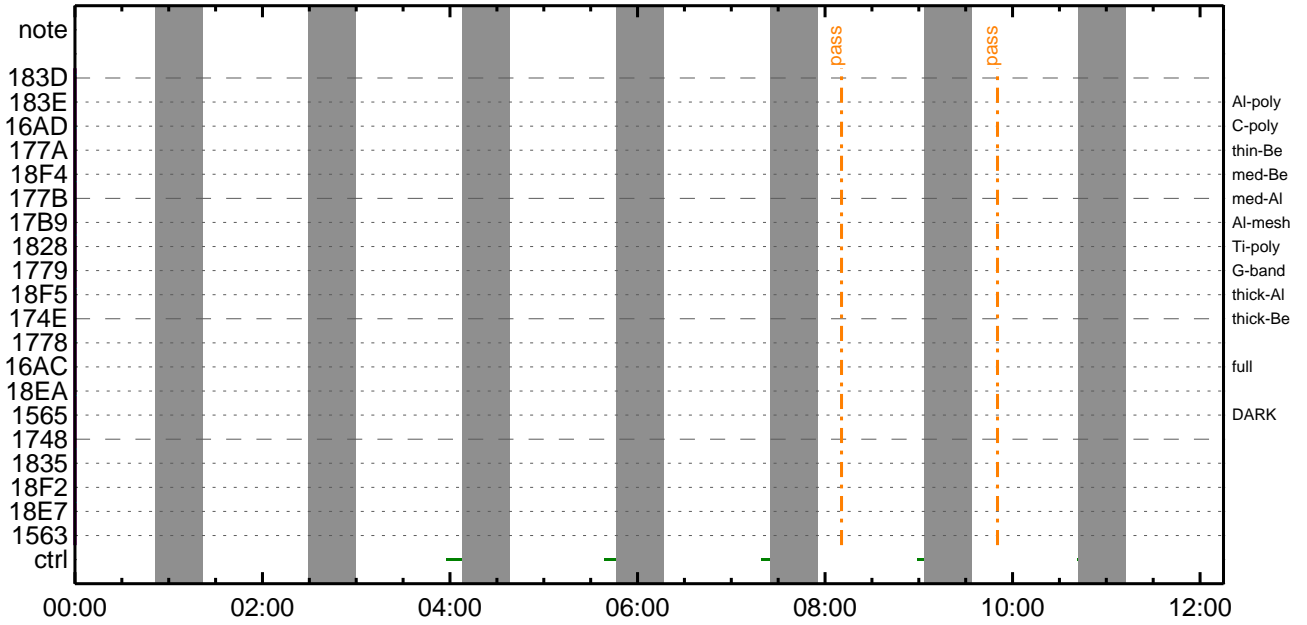
CMDI #0728 2012/06/28



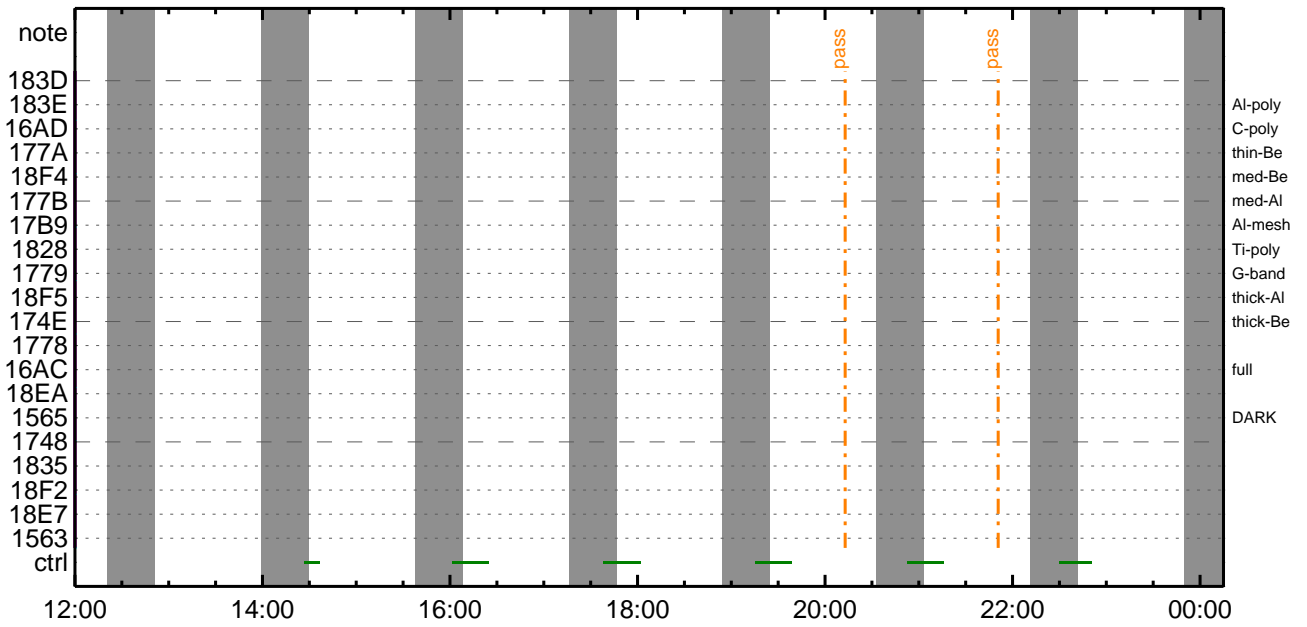
CMDI #0728 2012/06/28



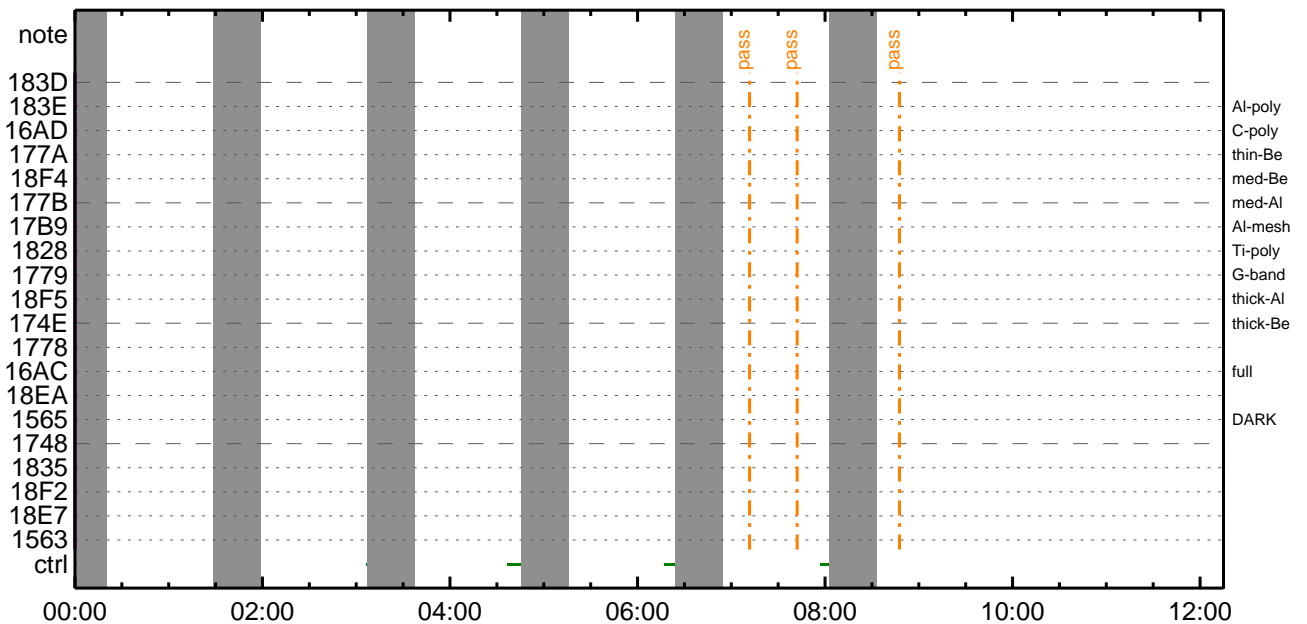
CMDI #0728 2012/06/29



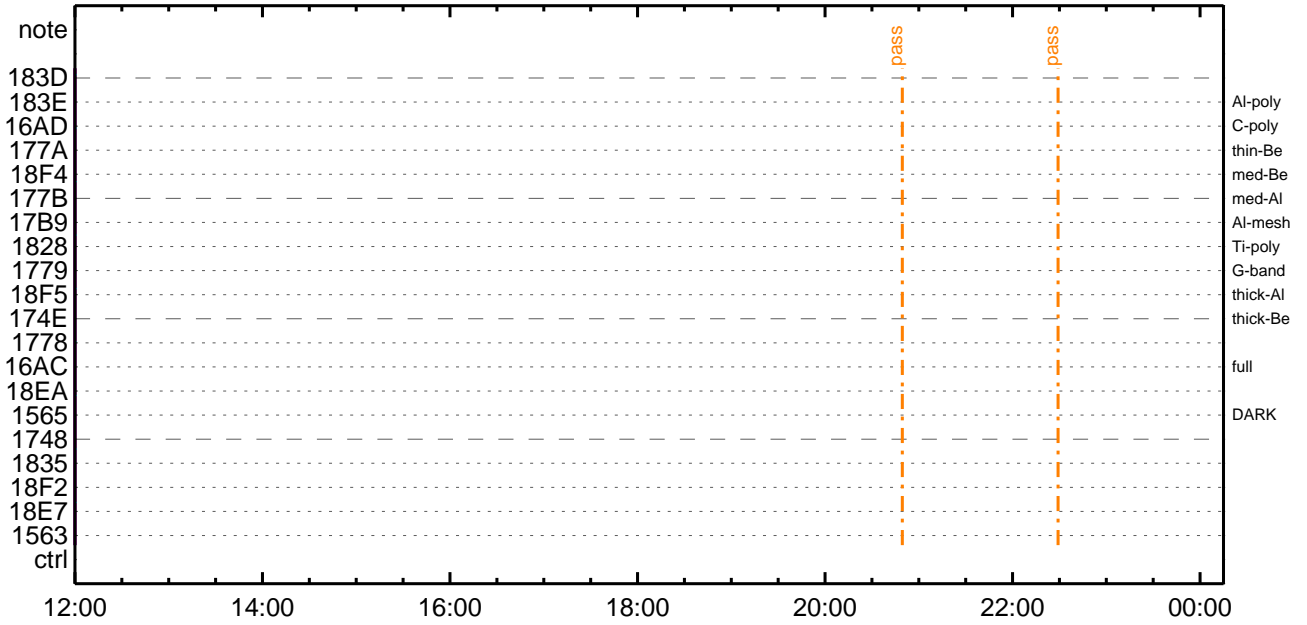
CMDI #0728 2012/06/29



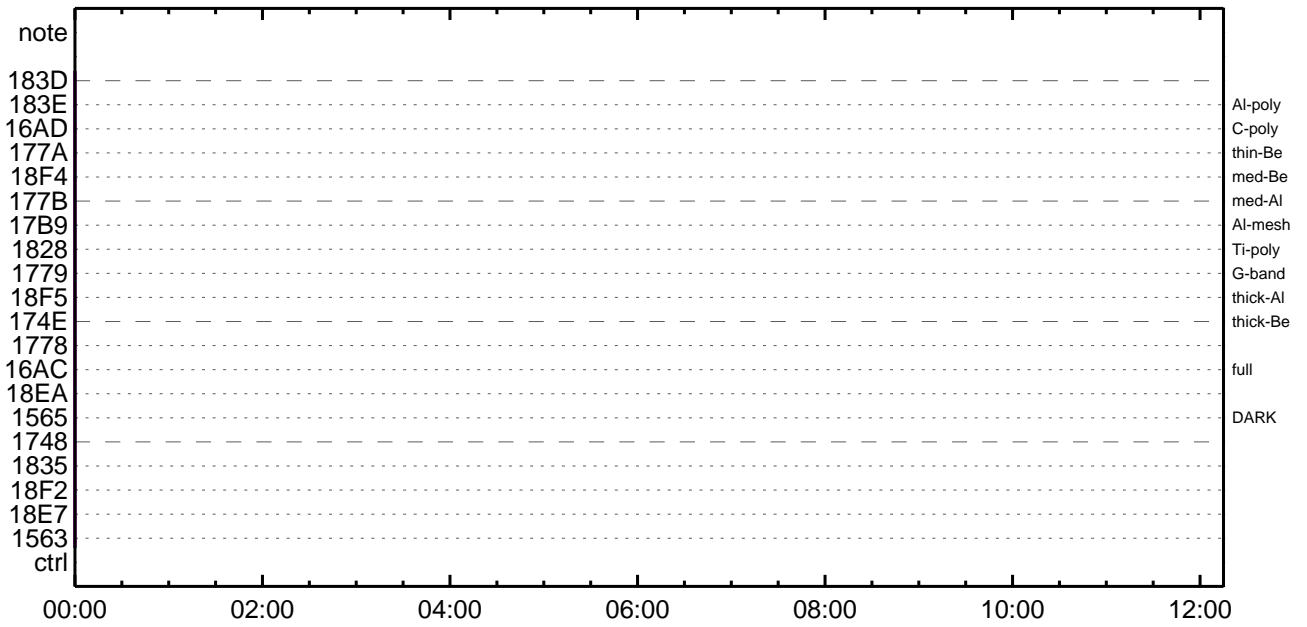
CMDI #0728 2012/06/30



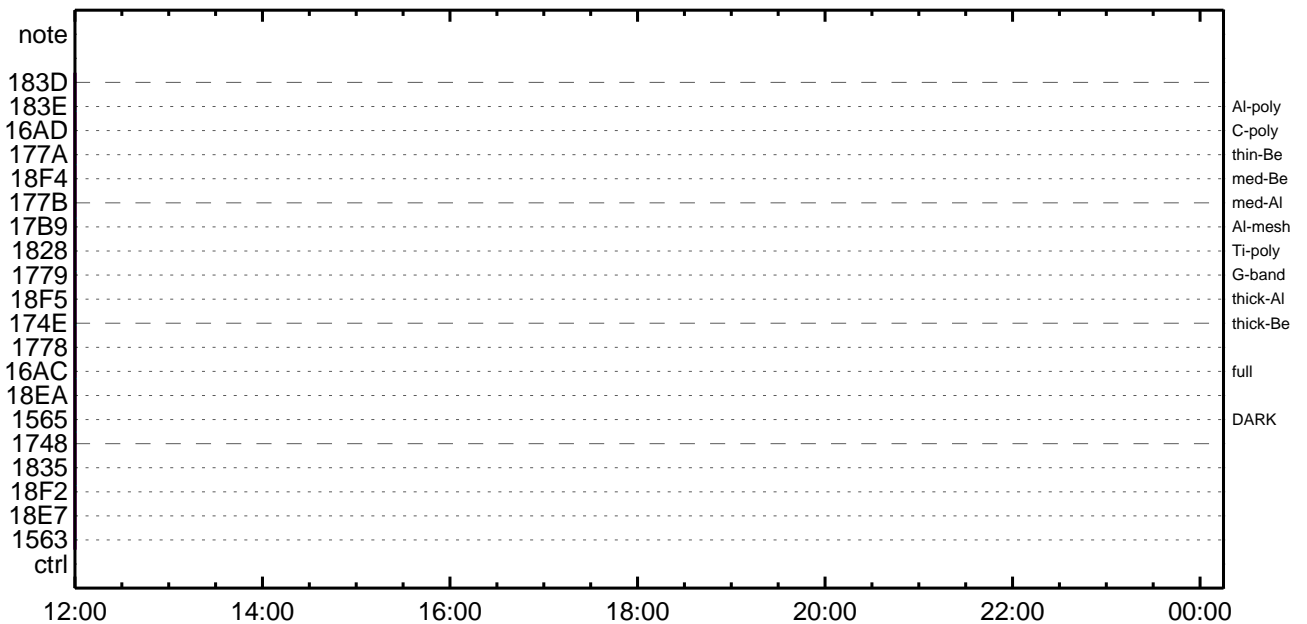
CMDI #0728 2012/06/30



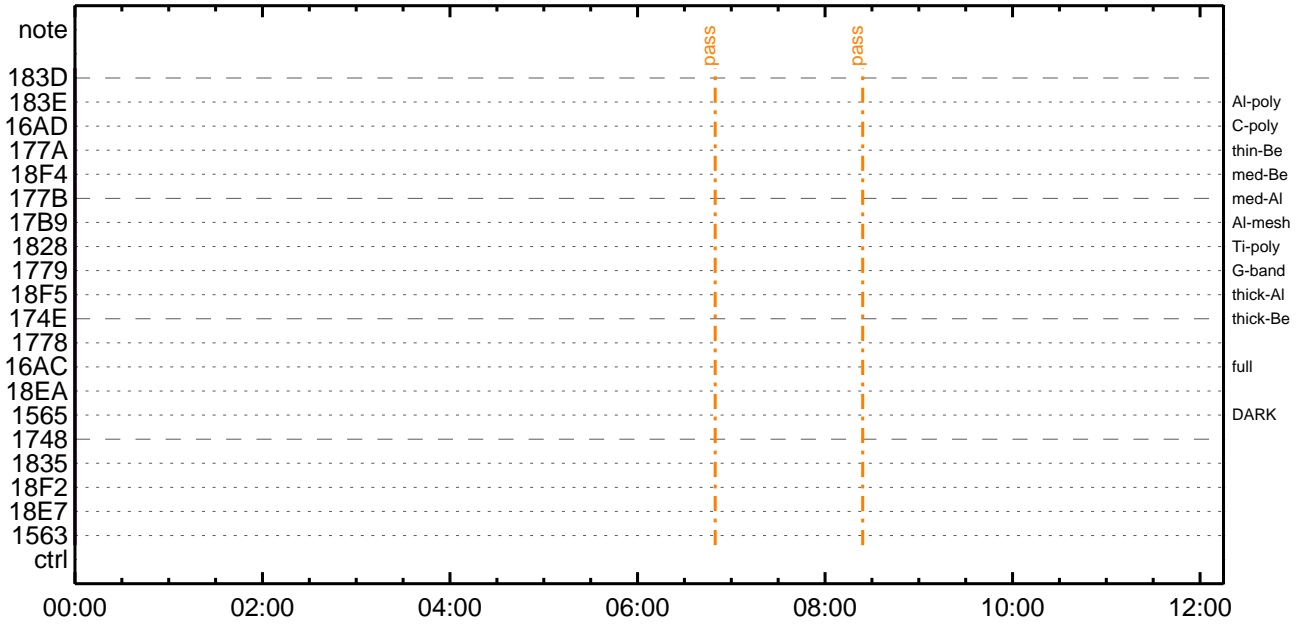
CMDI #0728 2012/07/01



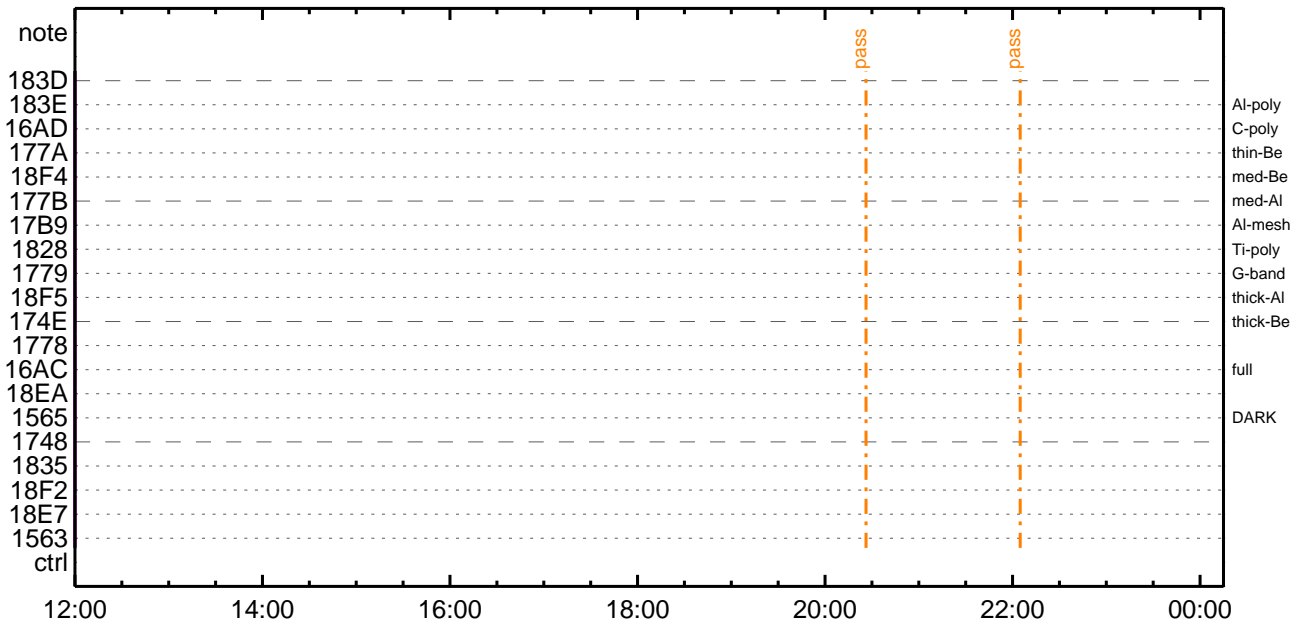
CMDI #0728 2012/07/01



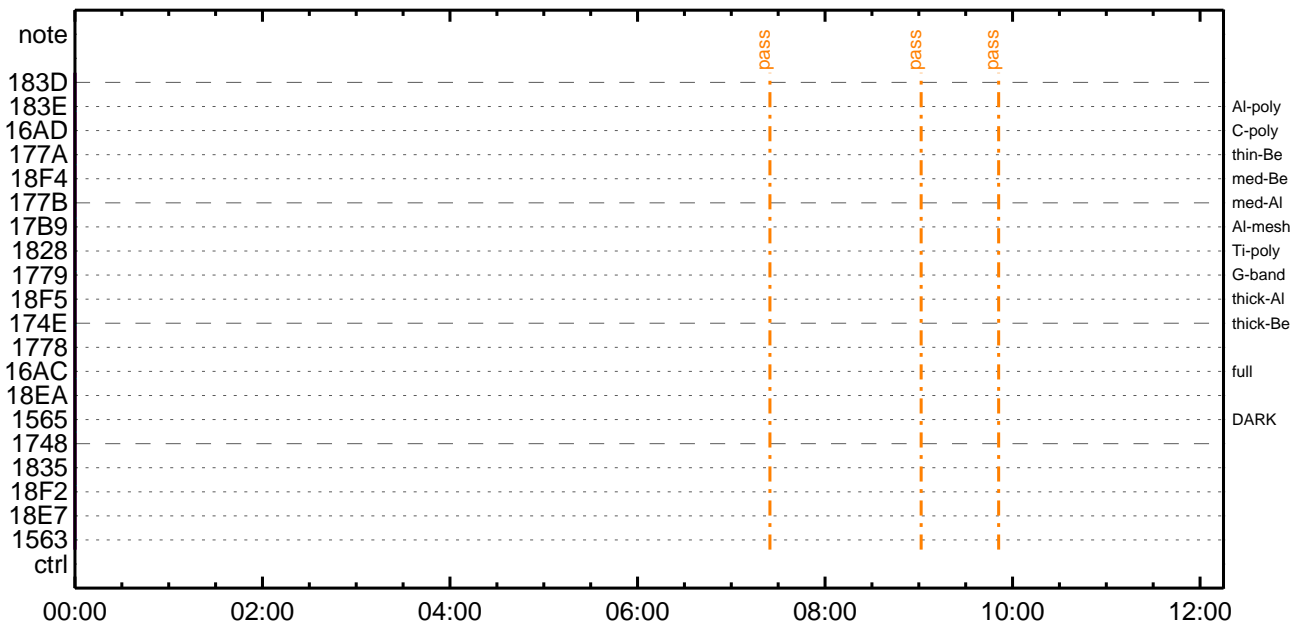
CMDI #0728 2012/07/02



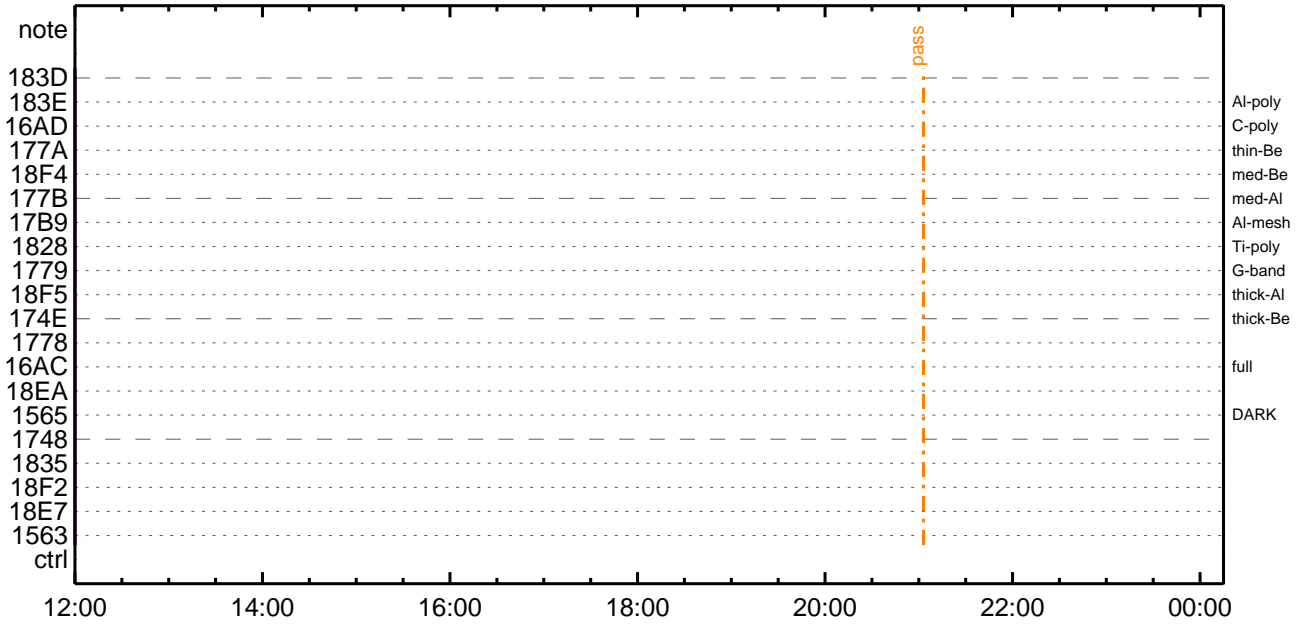
CMDI #0728 2012/07/02



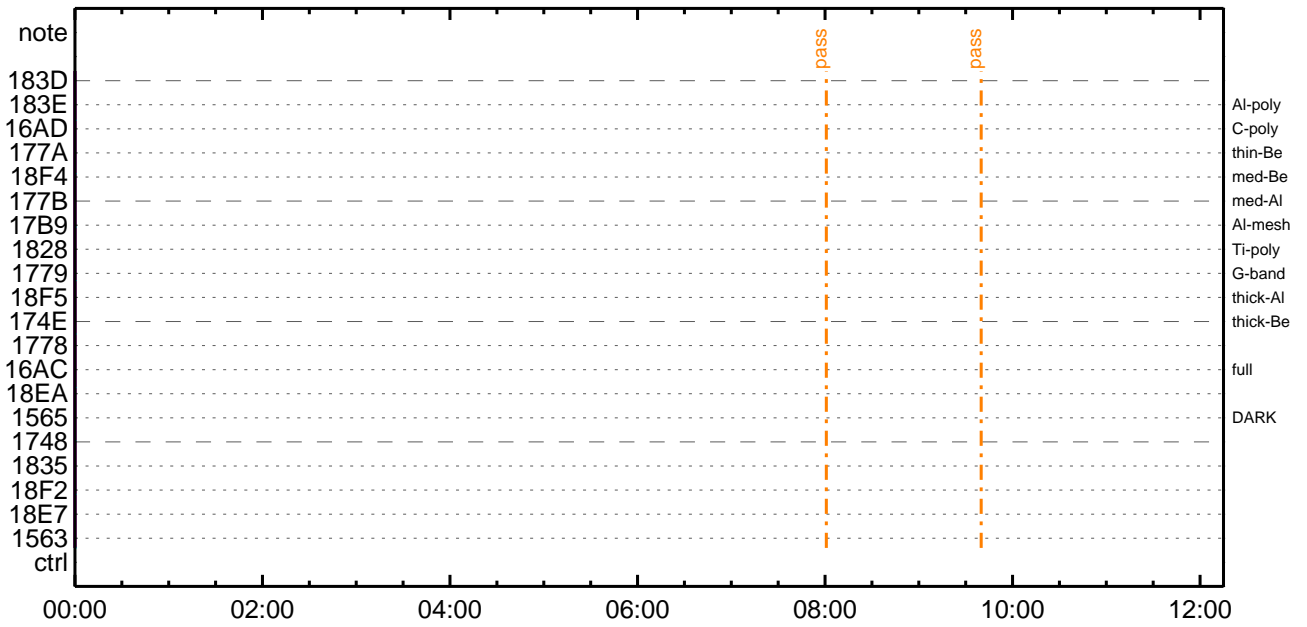
CMDI #0728 2012/07/03



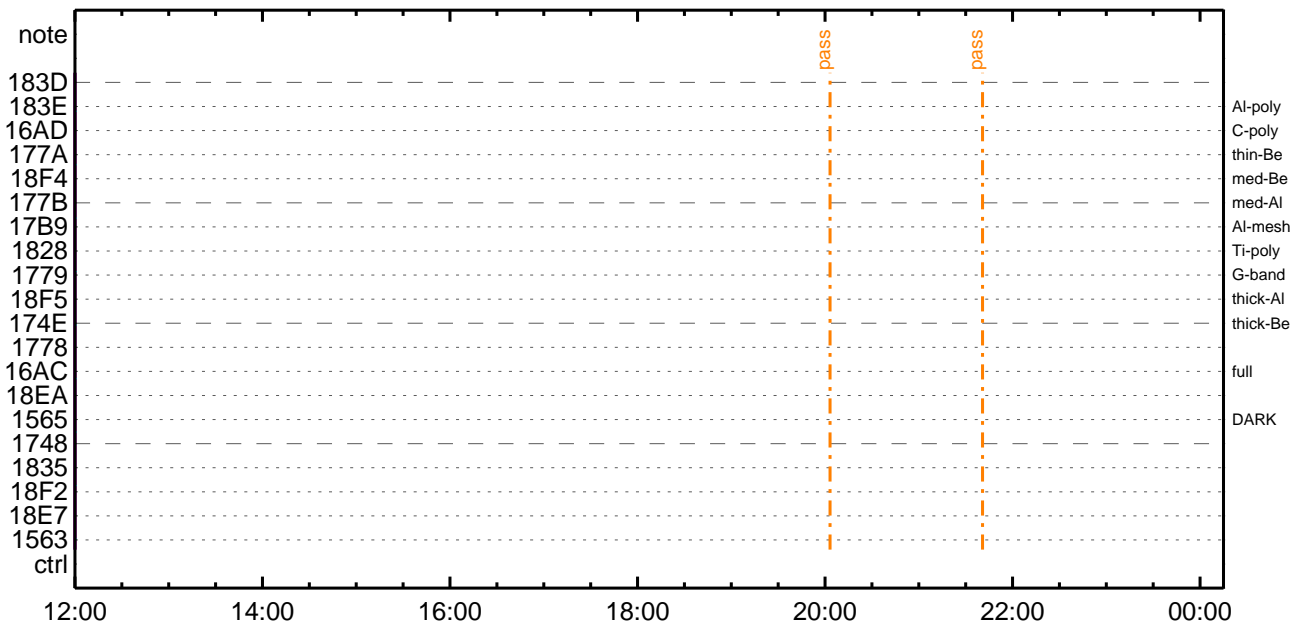
CMDI #0728 2012/07/03



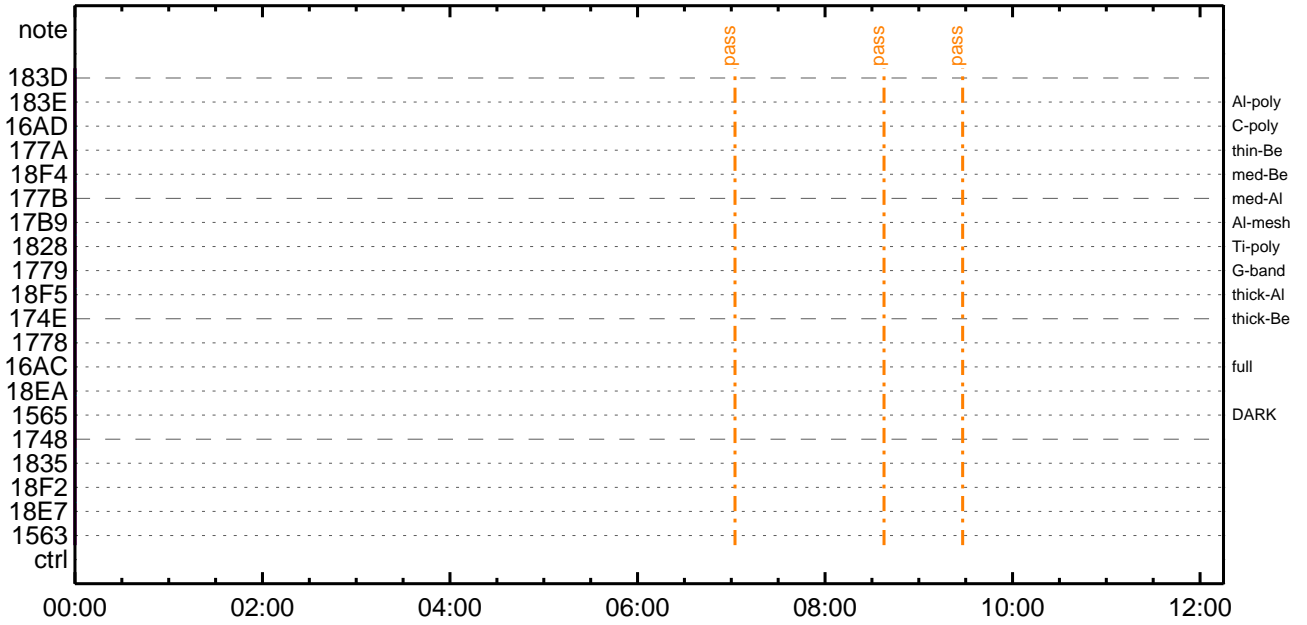
CMDI #0728 2012/07/04



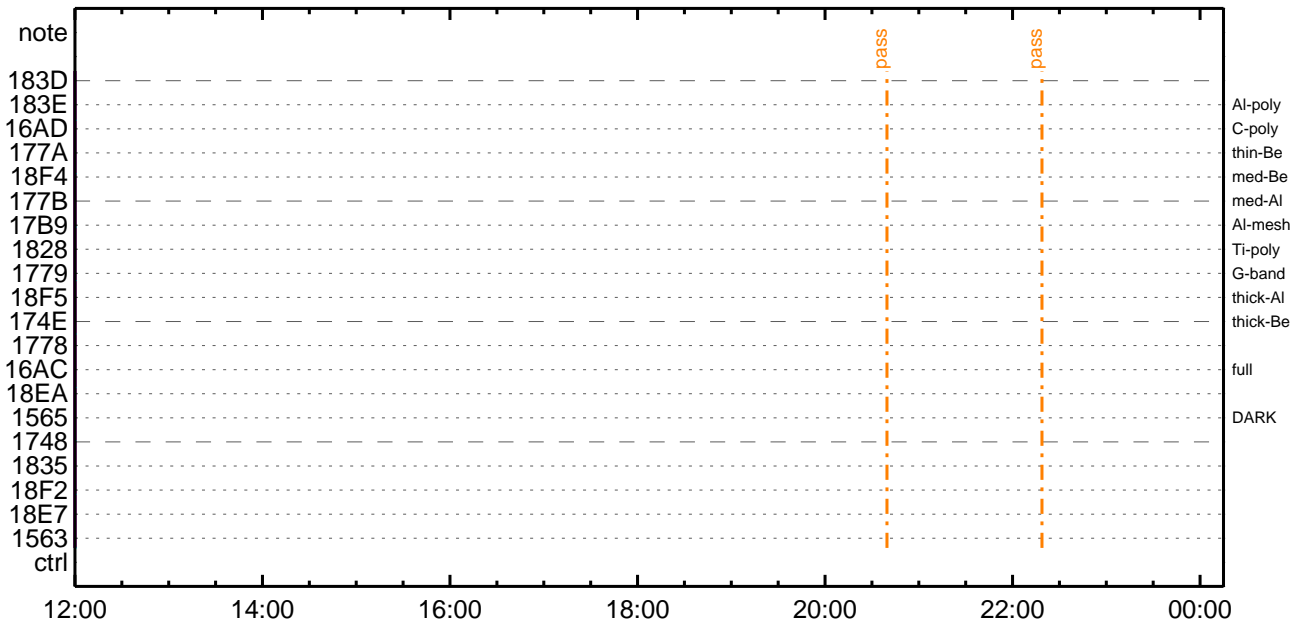
CMDI #0728 2012/07/04



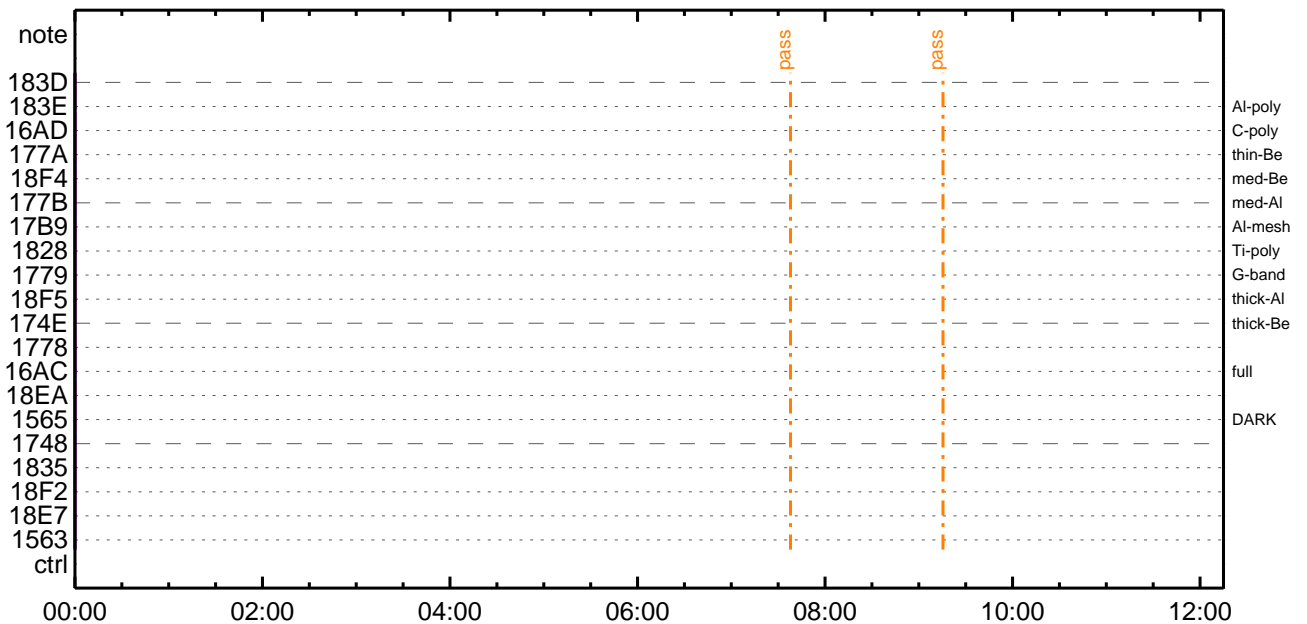
CMDI #0728 2012/07/05



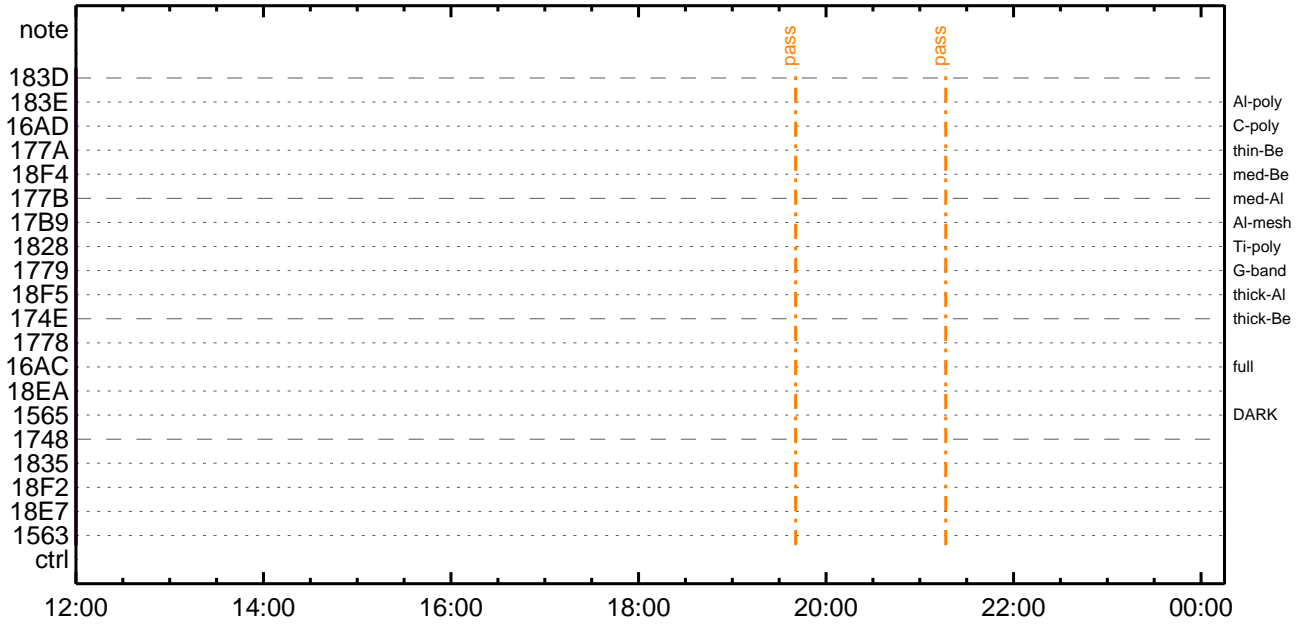
CMDI #0728 2012/07/05



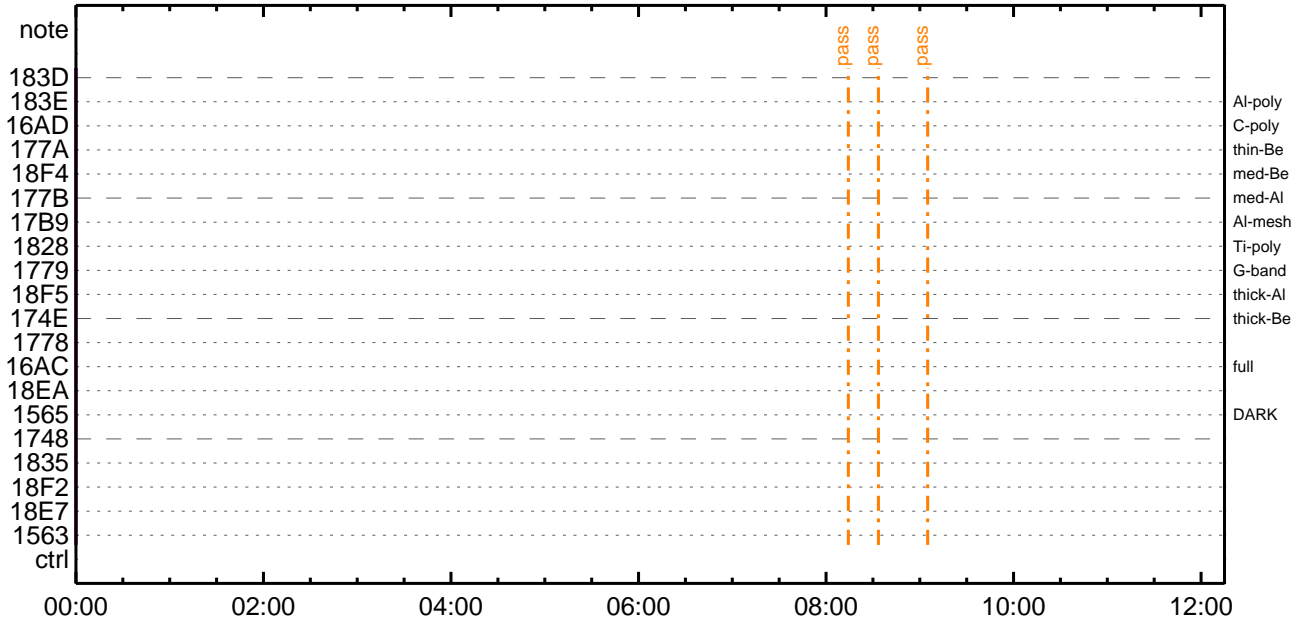
CMDI #0728 2012/07/06



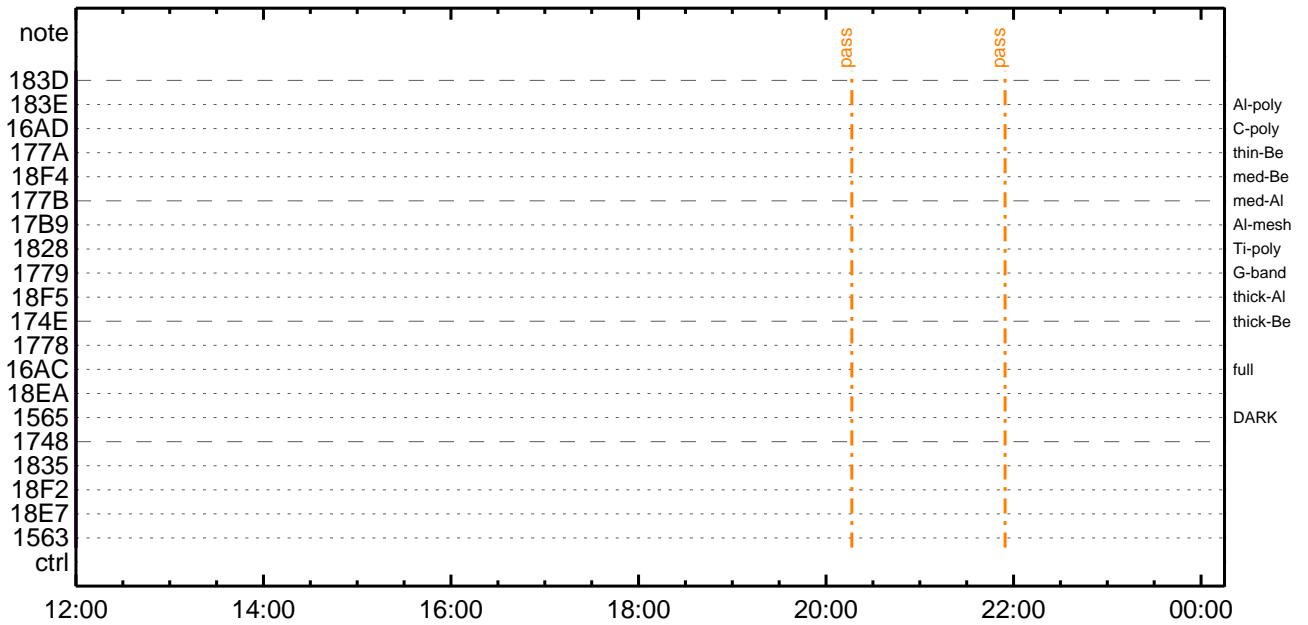
CMDI #0728 2012/07/06



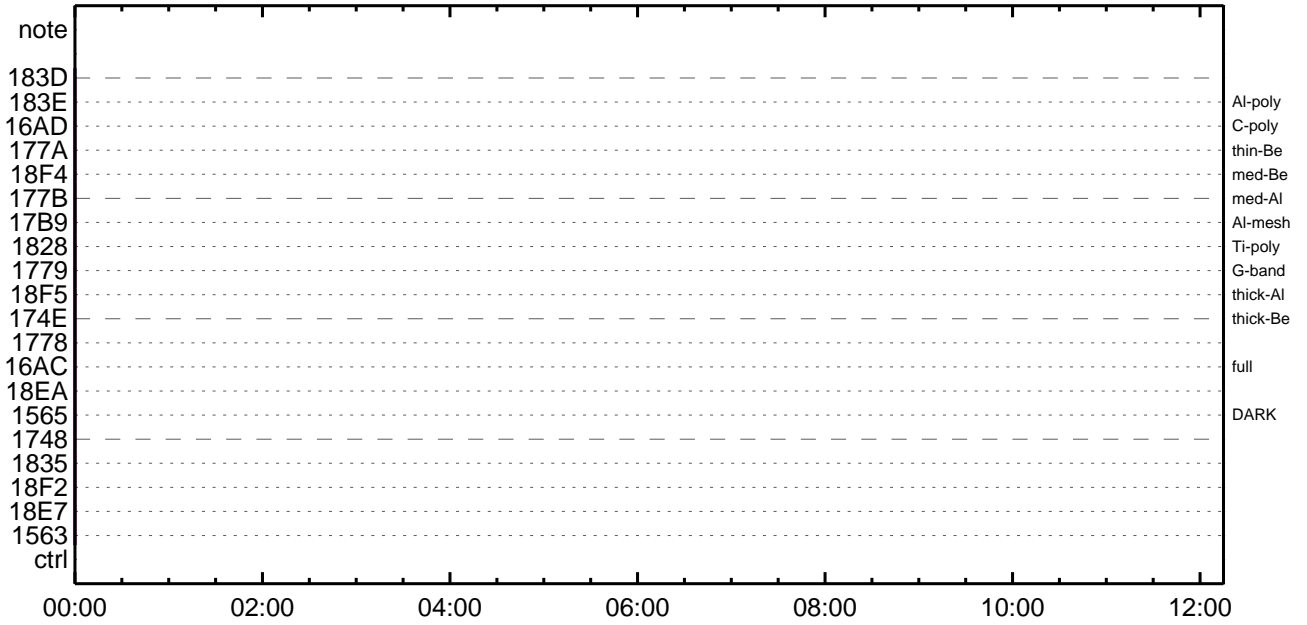
CMDI #0728 2012/07/07



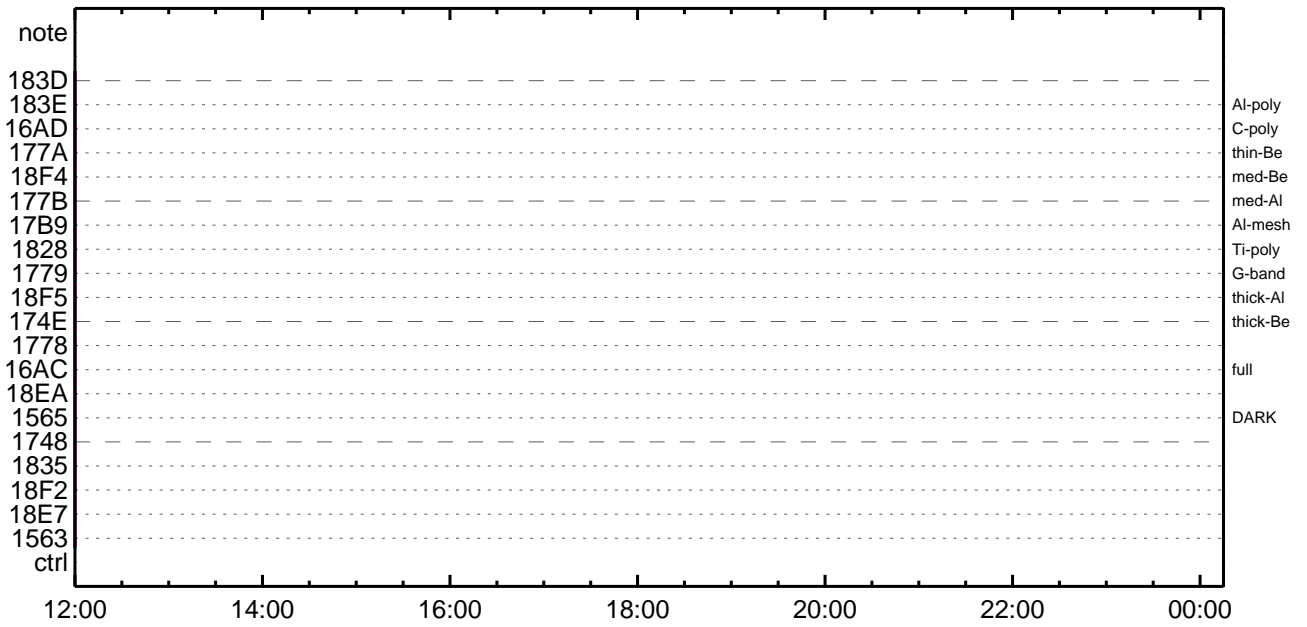
CMDI #0728 2012/07/07



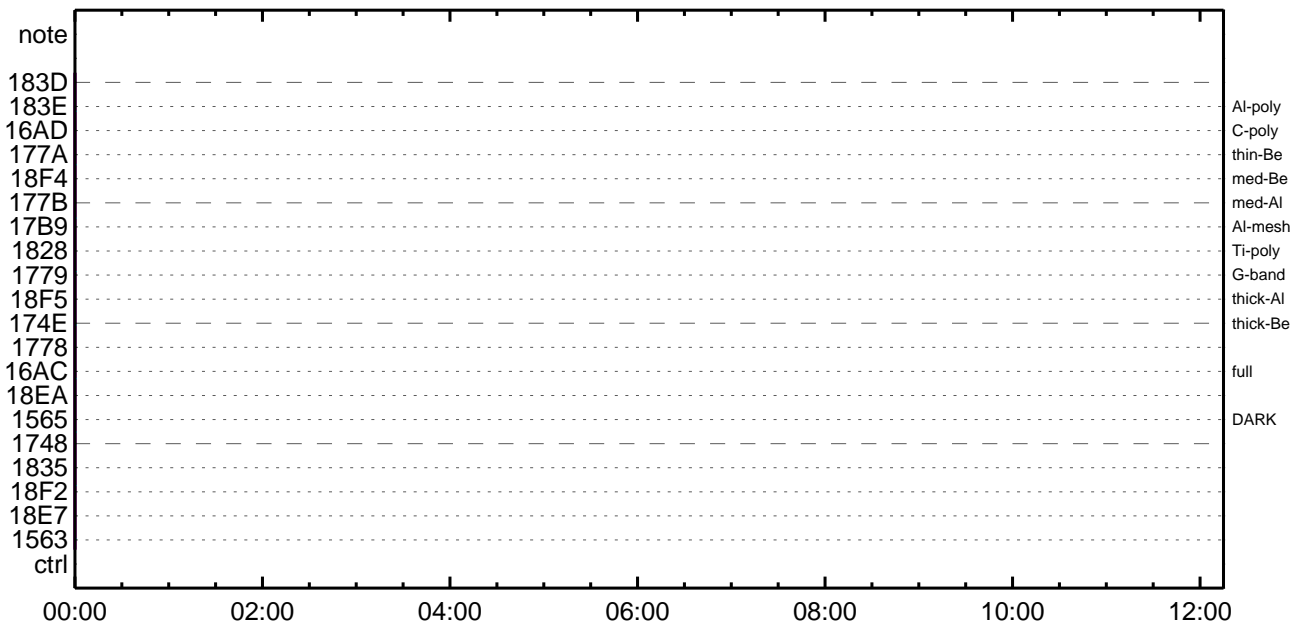
CMDI #0728 2012/07/08



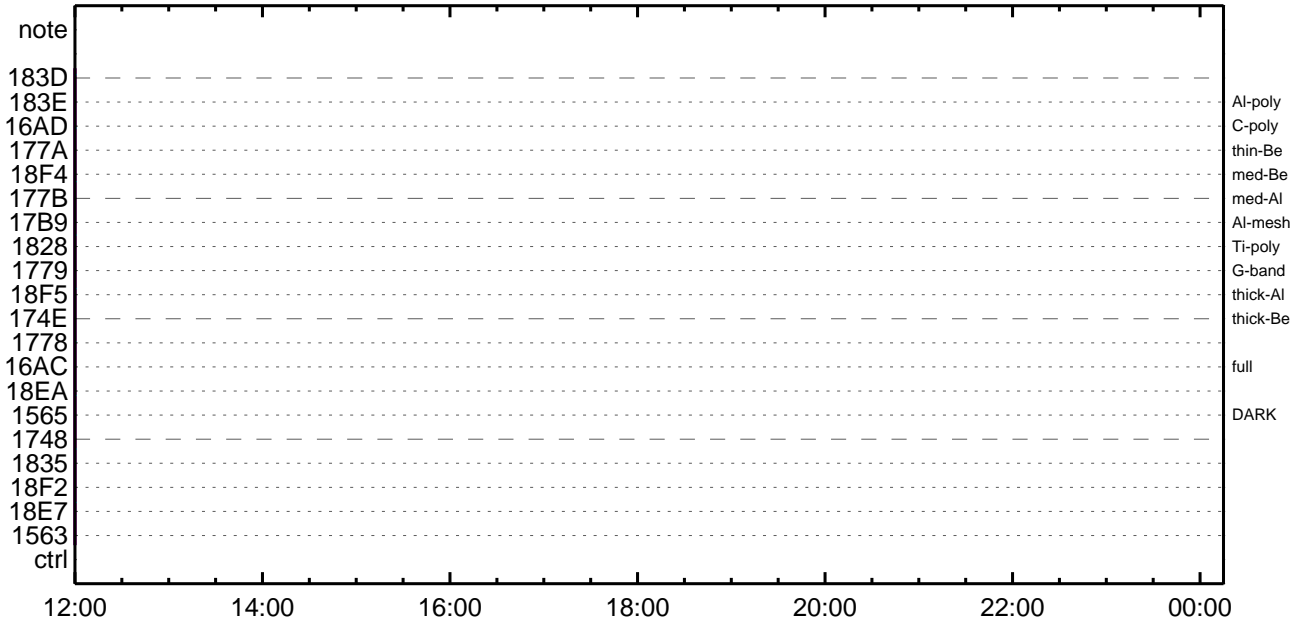
CMDI #0728 2012/07/08



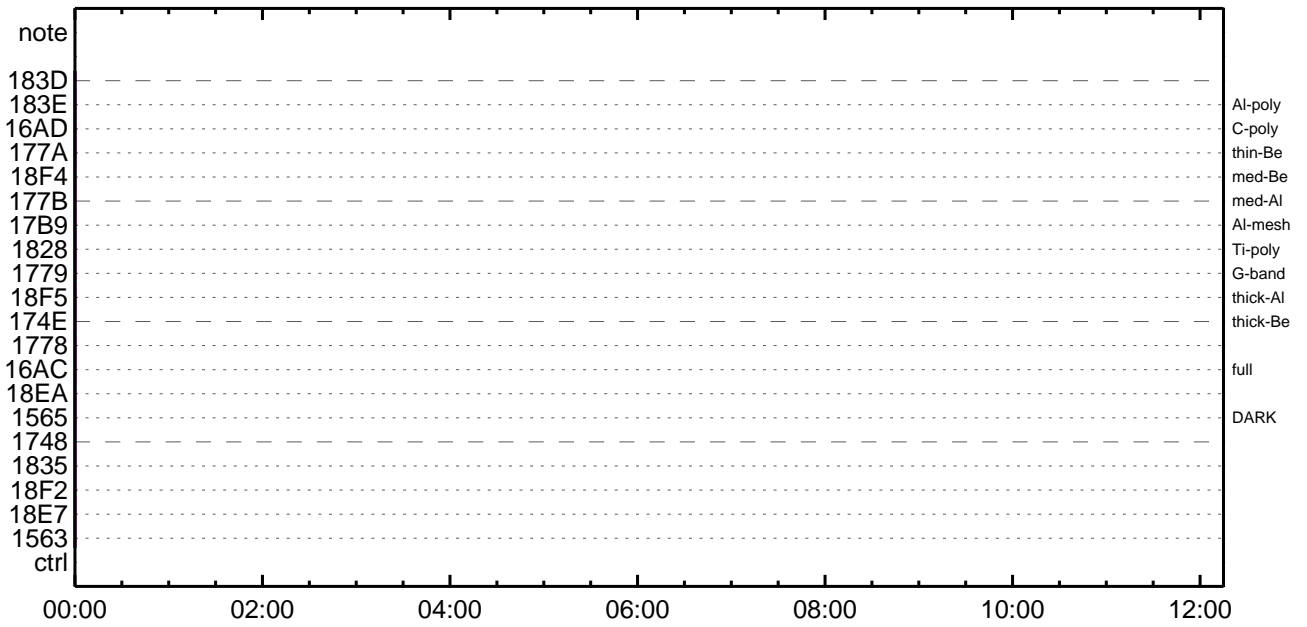
CMDI #0728 2012/07/09



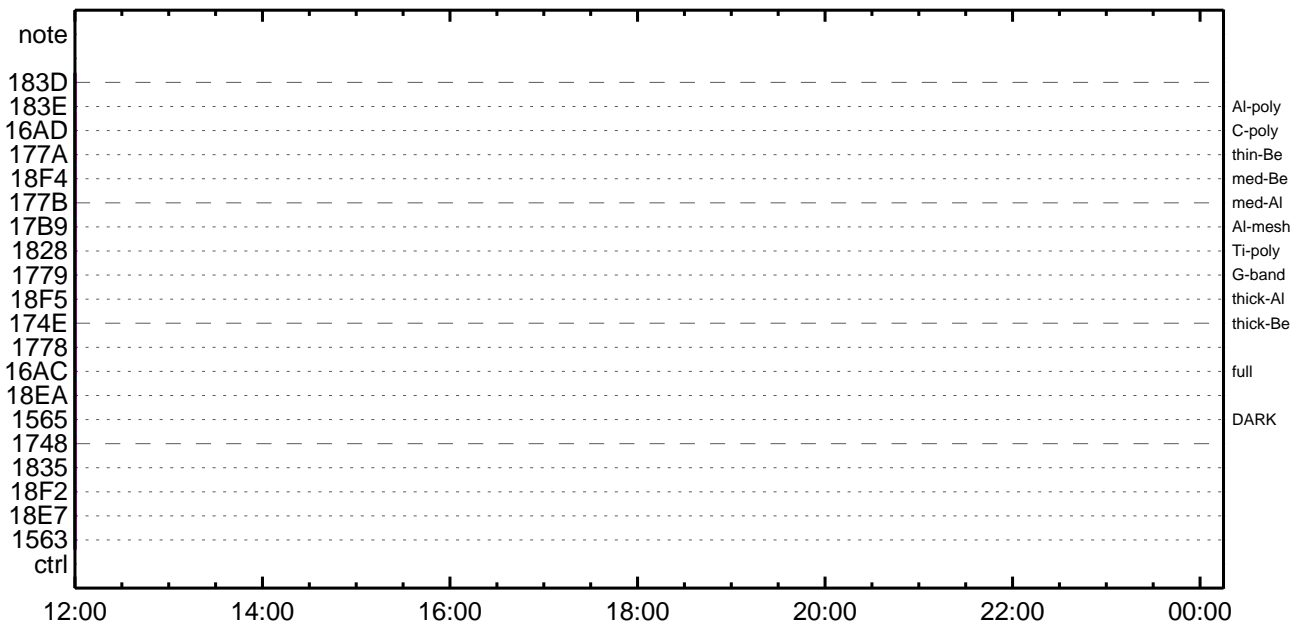
CMDI #0728 2012/07/09



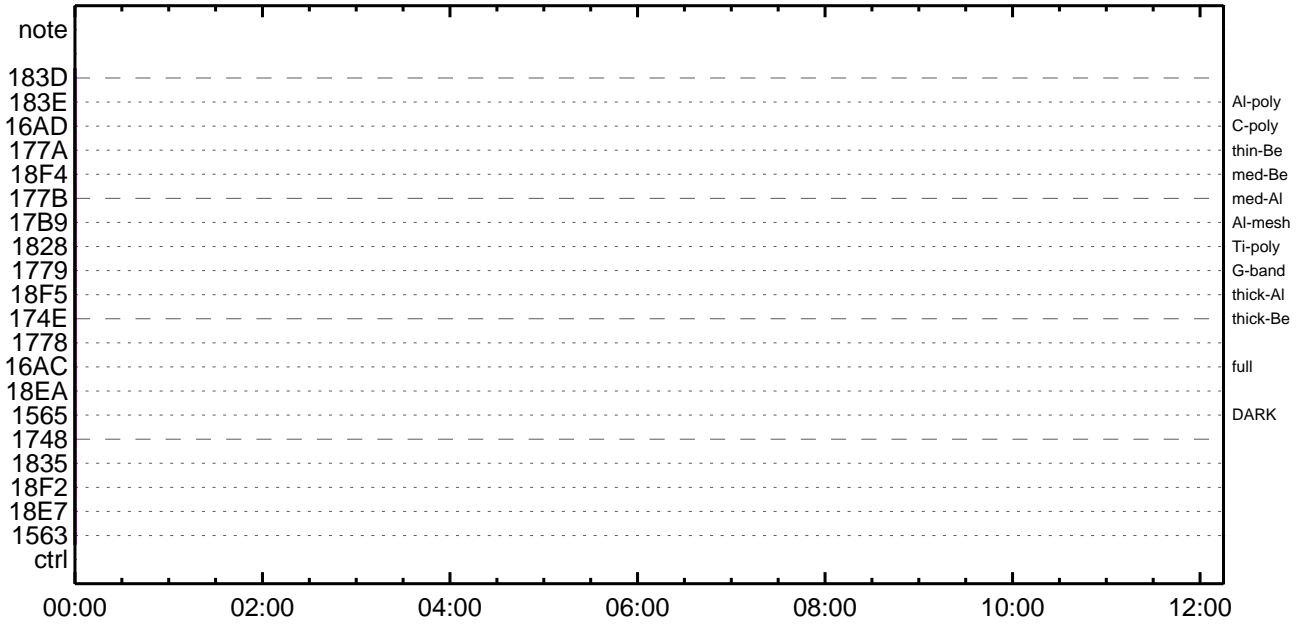
CMDI #0728 2012/07/10



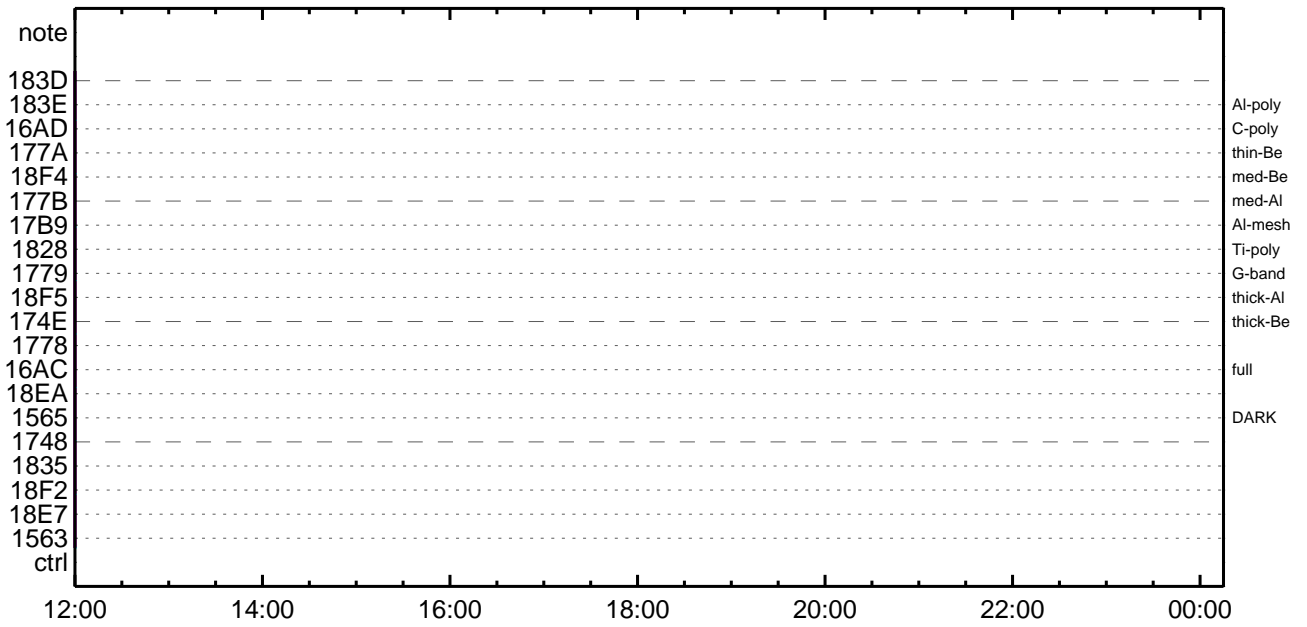
CMDI #0728 2012/07/10



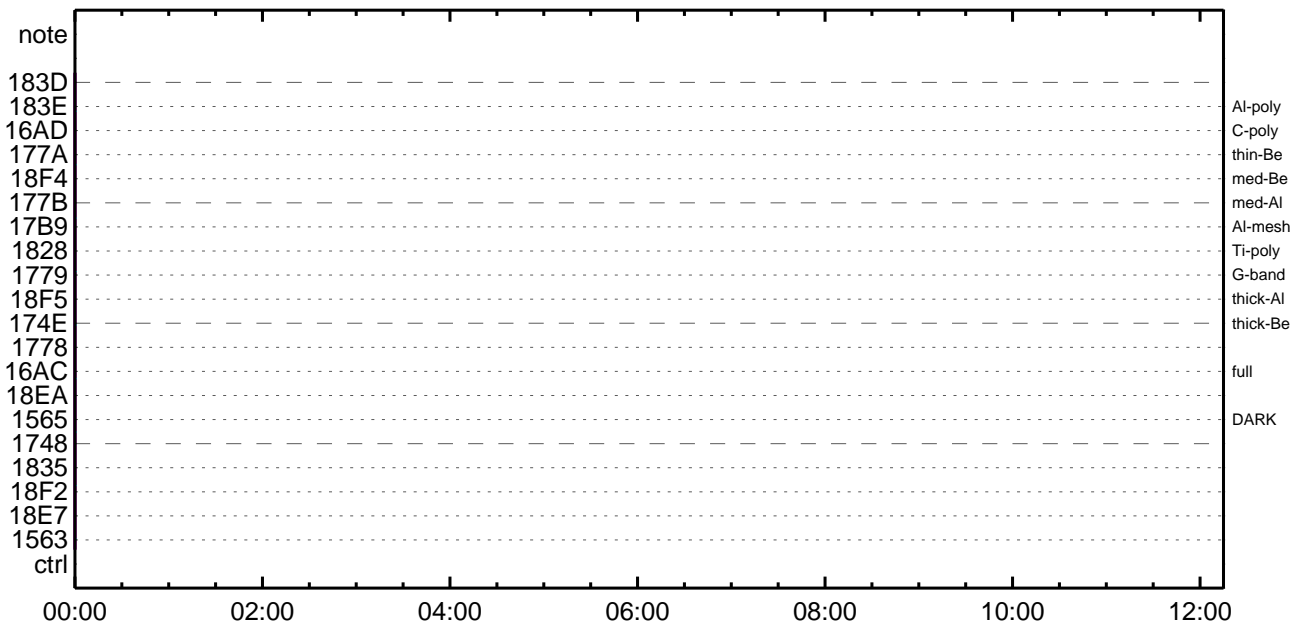
CMDI #0728 2012/07/11



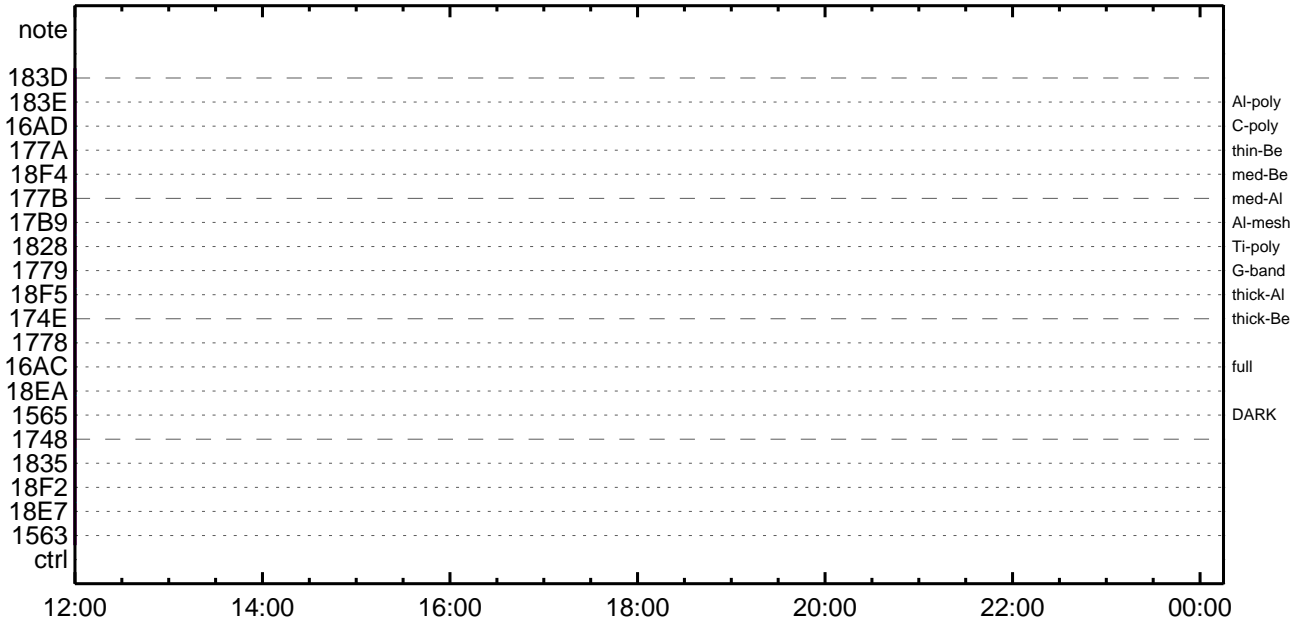
CMDI #0728 2012/07/11



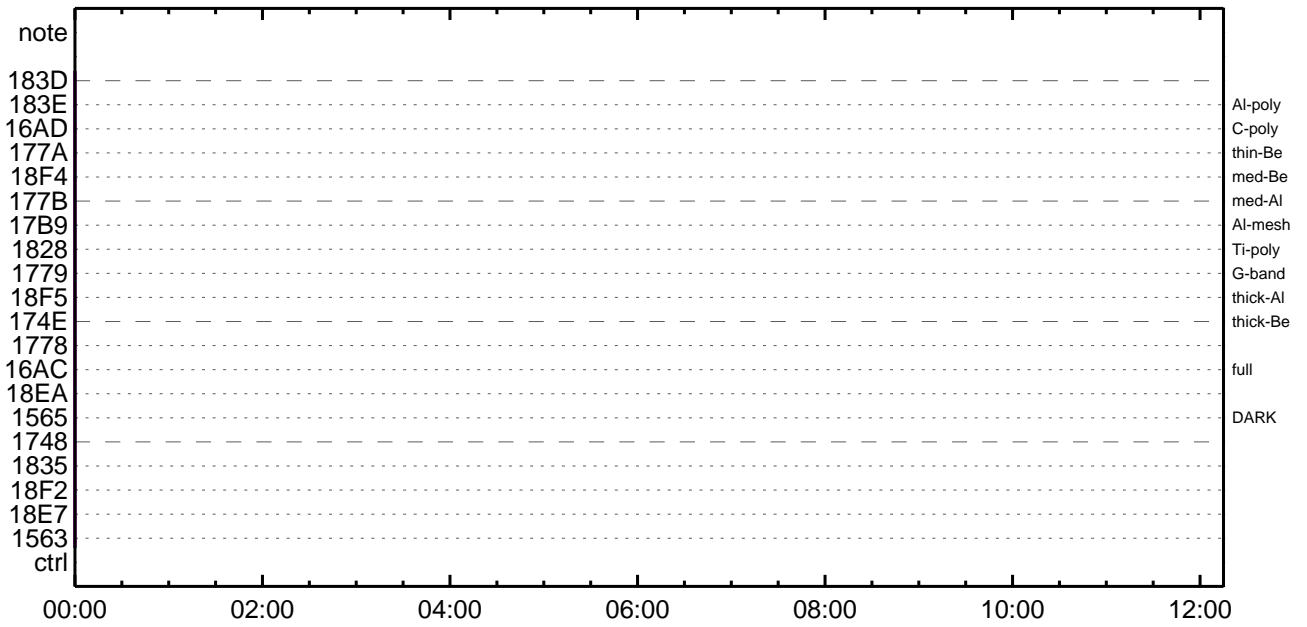
CMDI #0728 2012/07/12



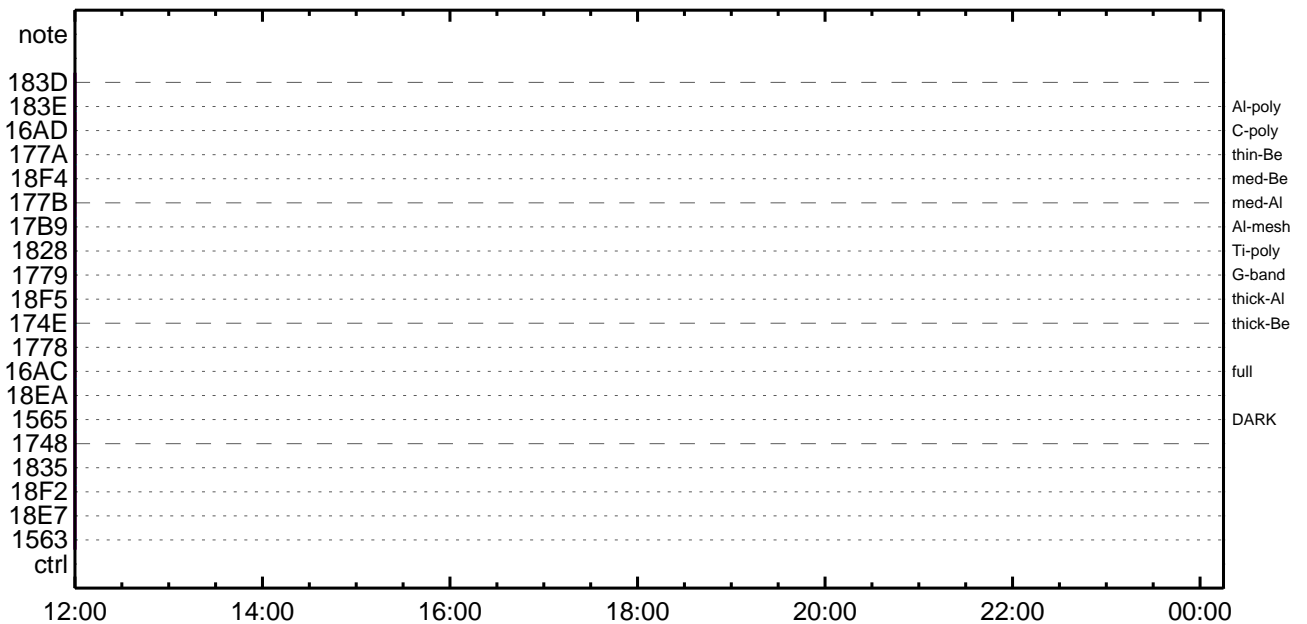
CMDI #0728 2012/07/12



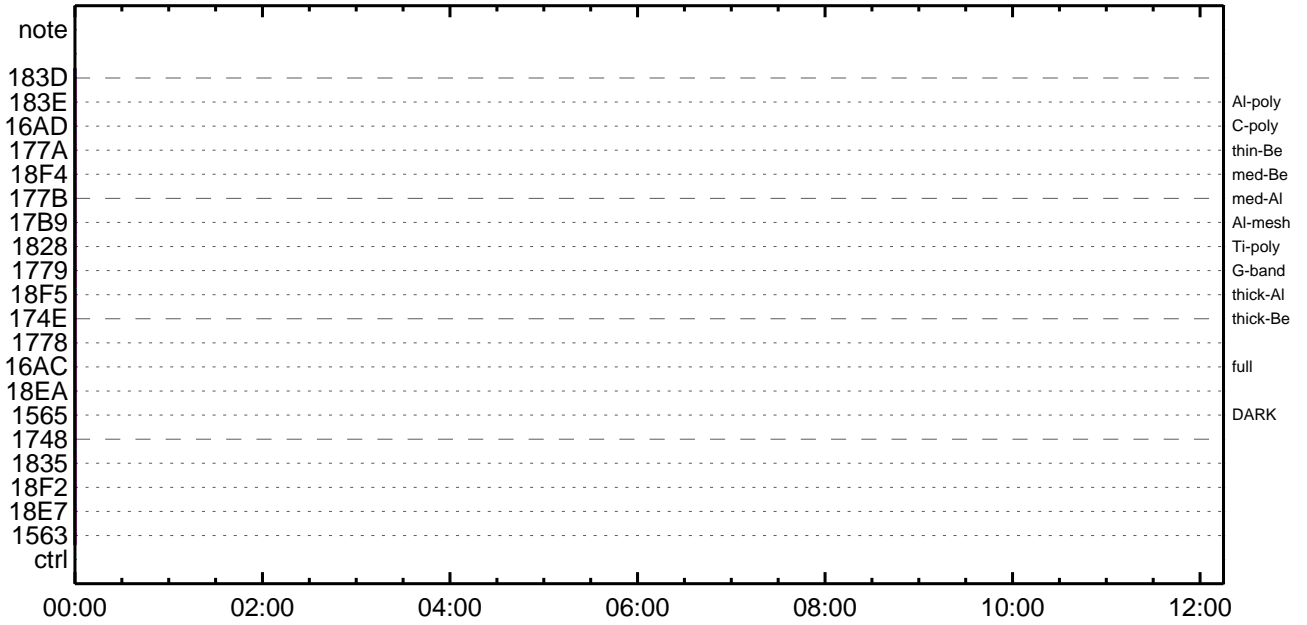
CMDI #0728 2012/07/13



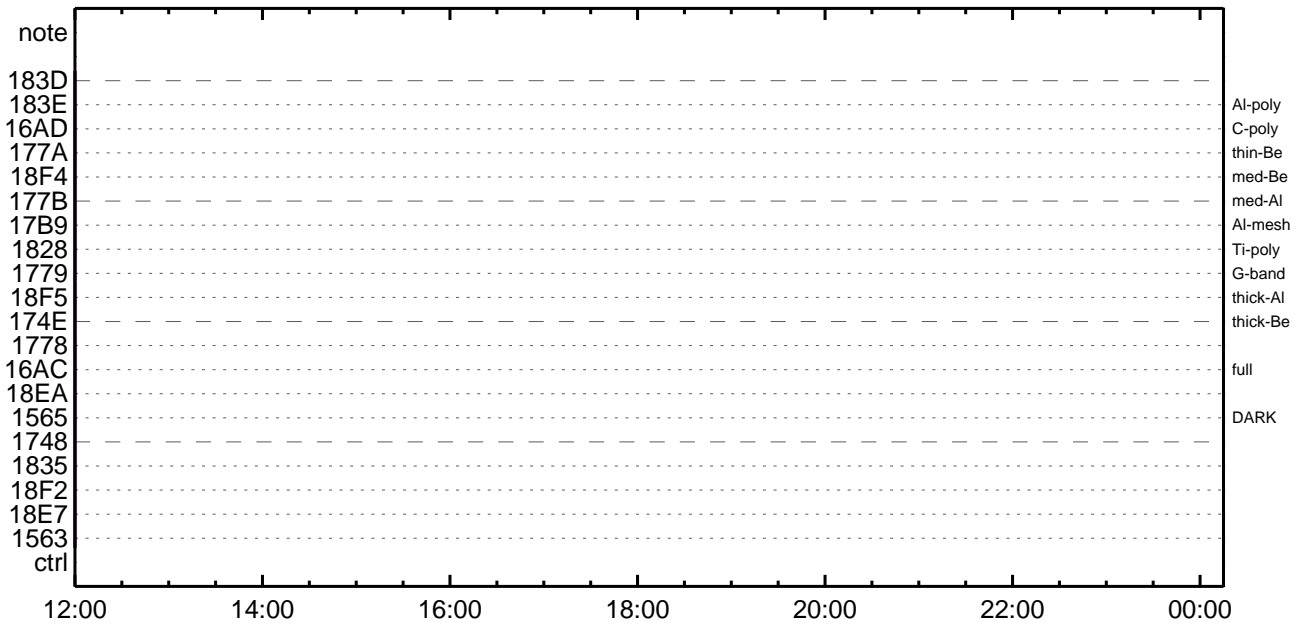
CMDI #0728 2012/07/13



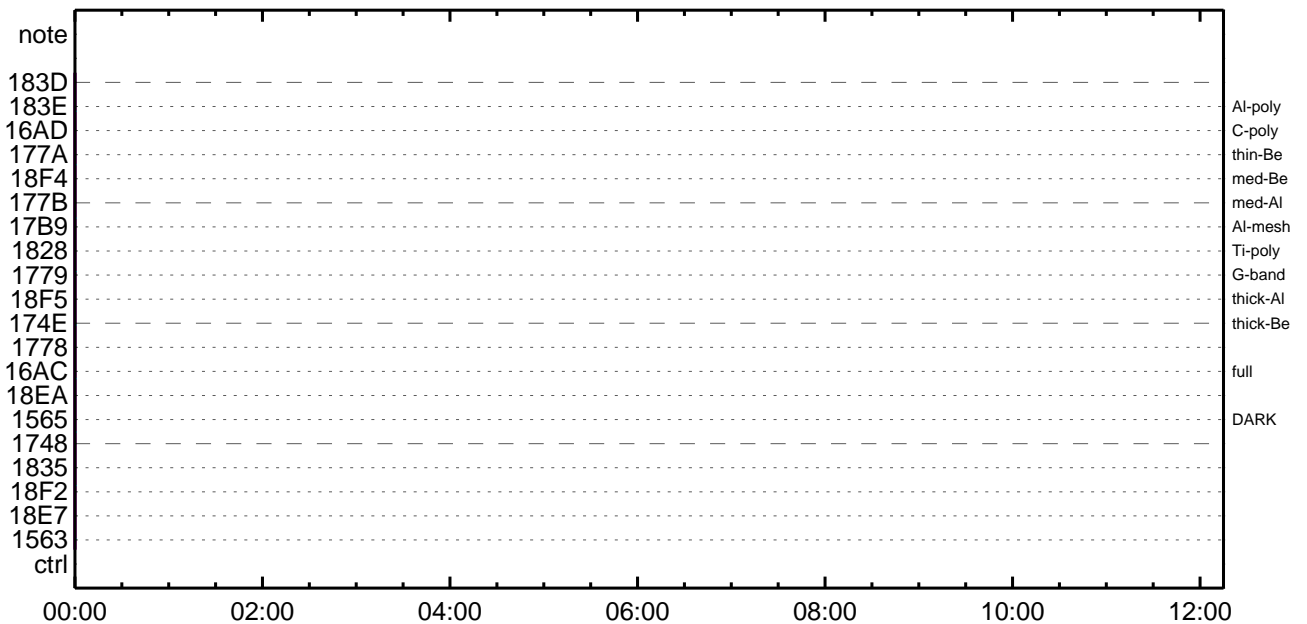
CMDI #0728 2012/07/14



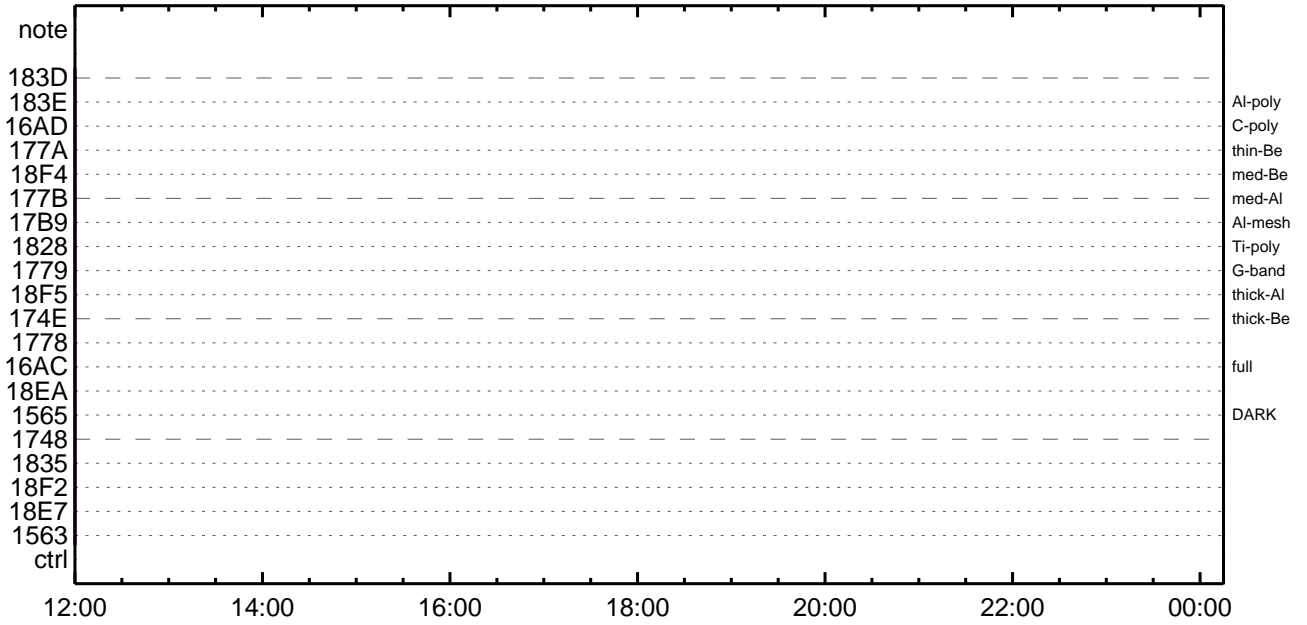
CMDI #0728 2012/07/14



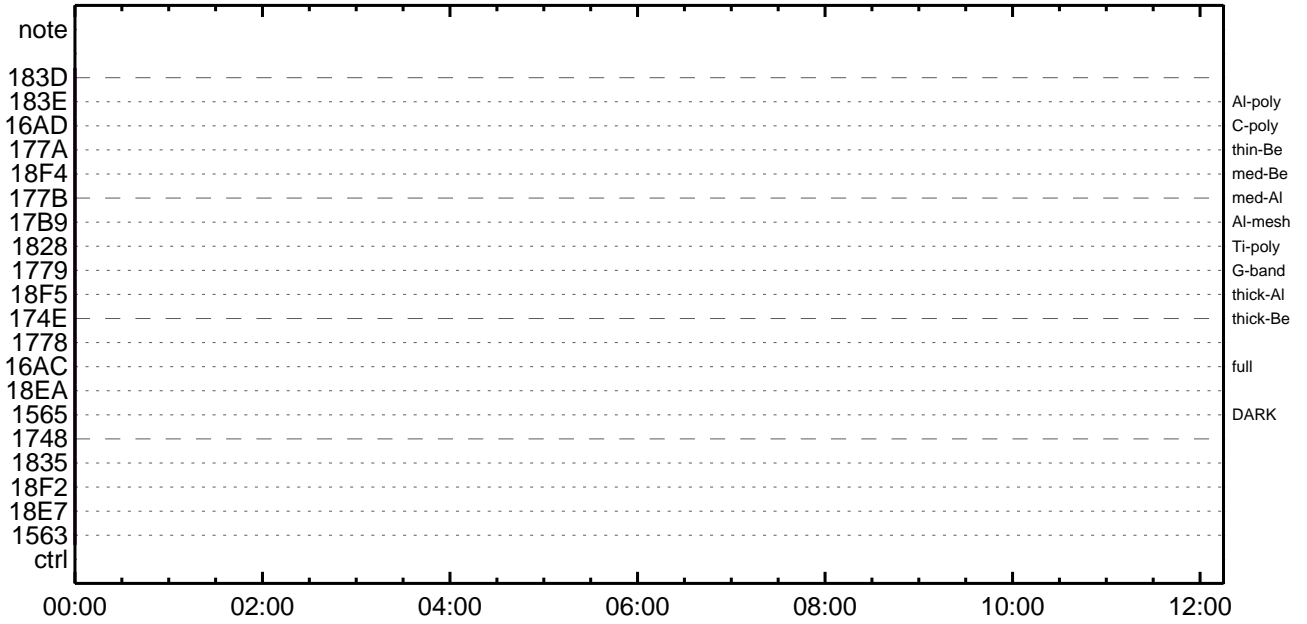
CMDI #0728 2012/07/15



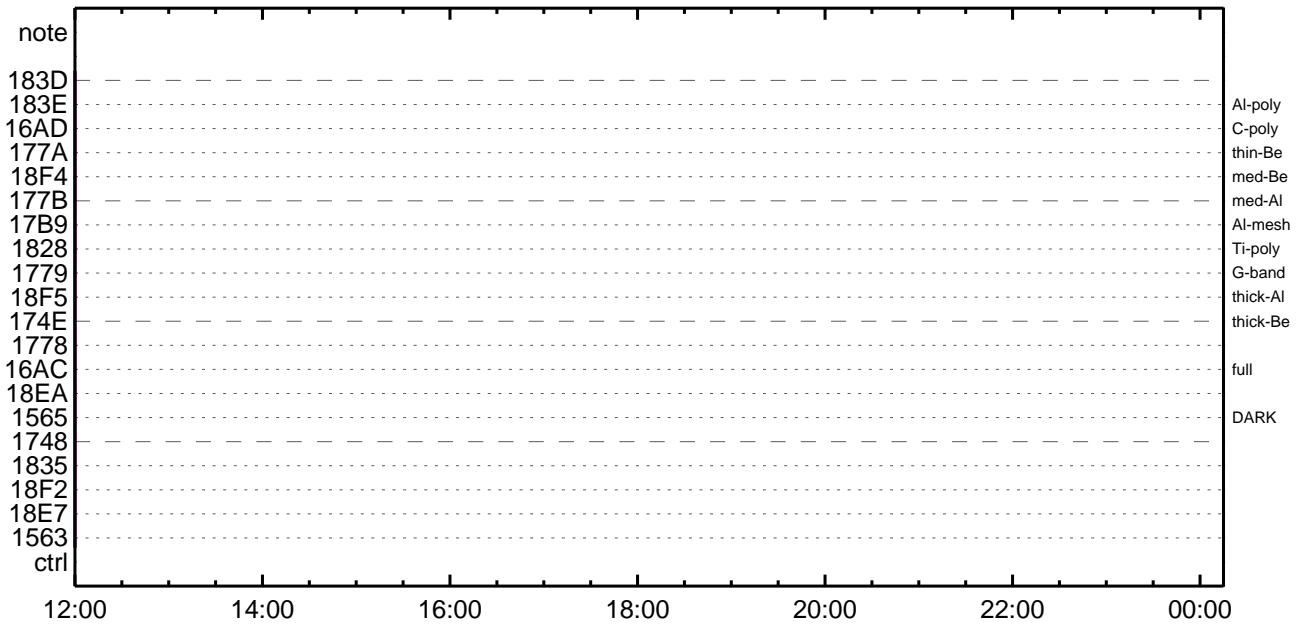
CMDI #0728 2012/07/15



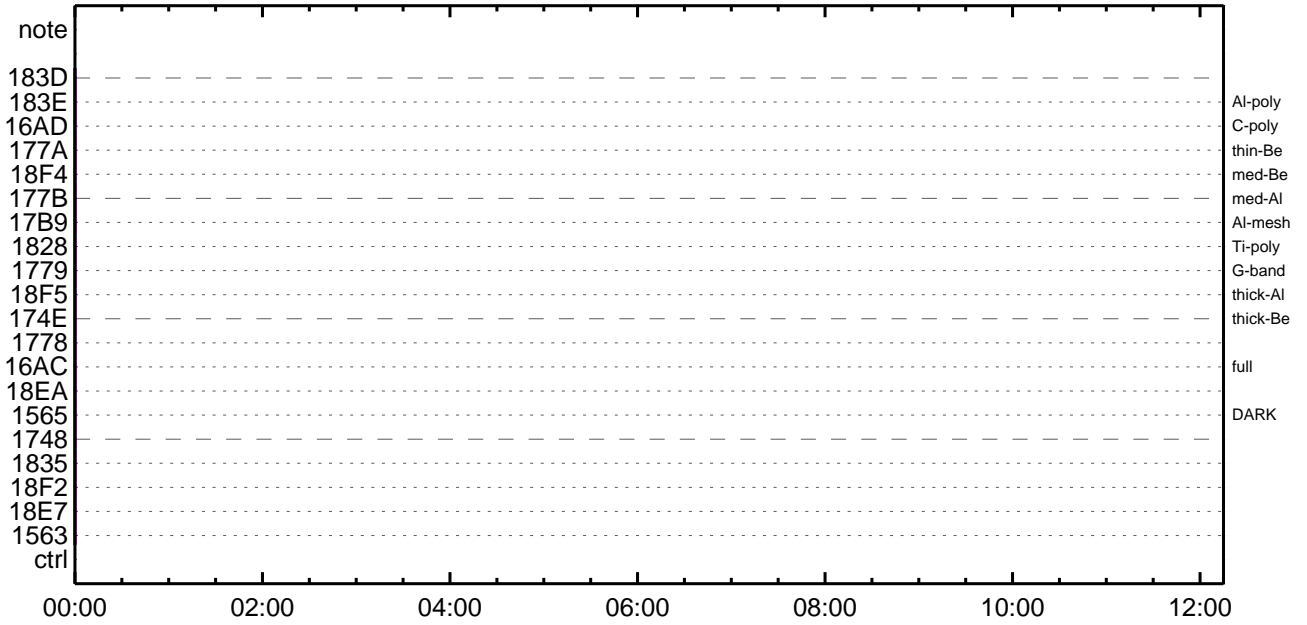
CMDI #0728 2012/07/16



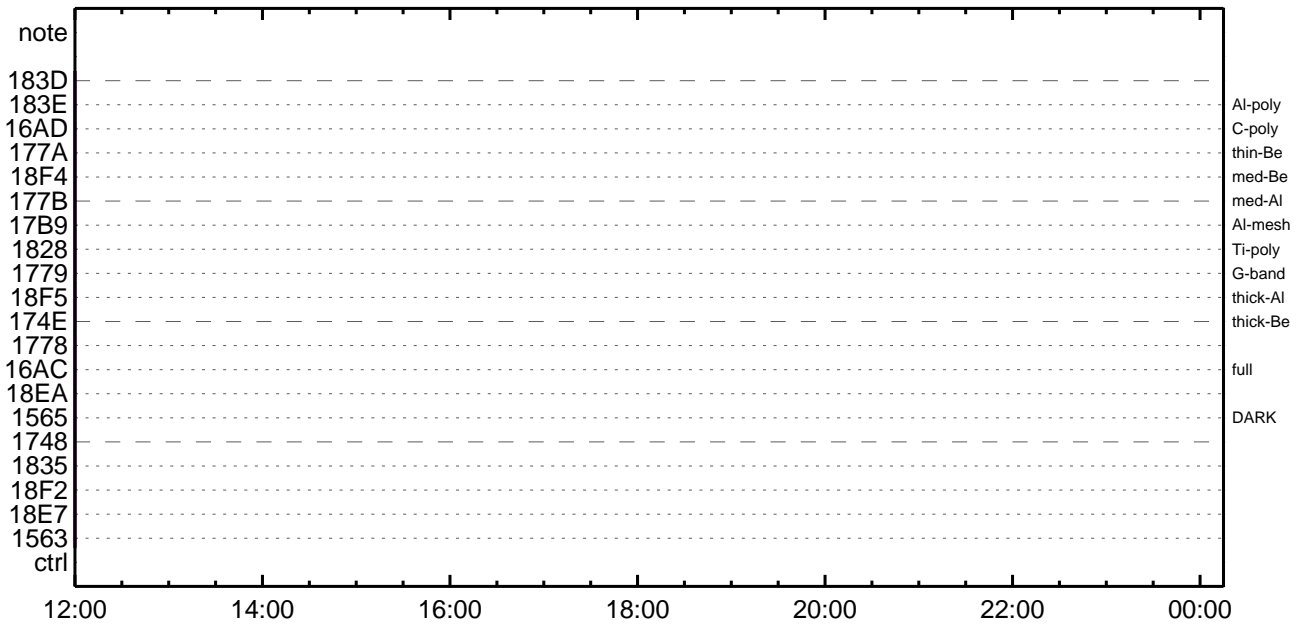
CMDI #0728 2012/07/16



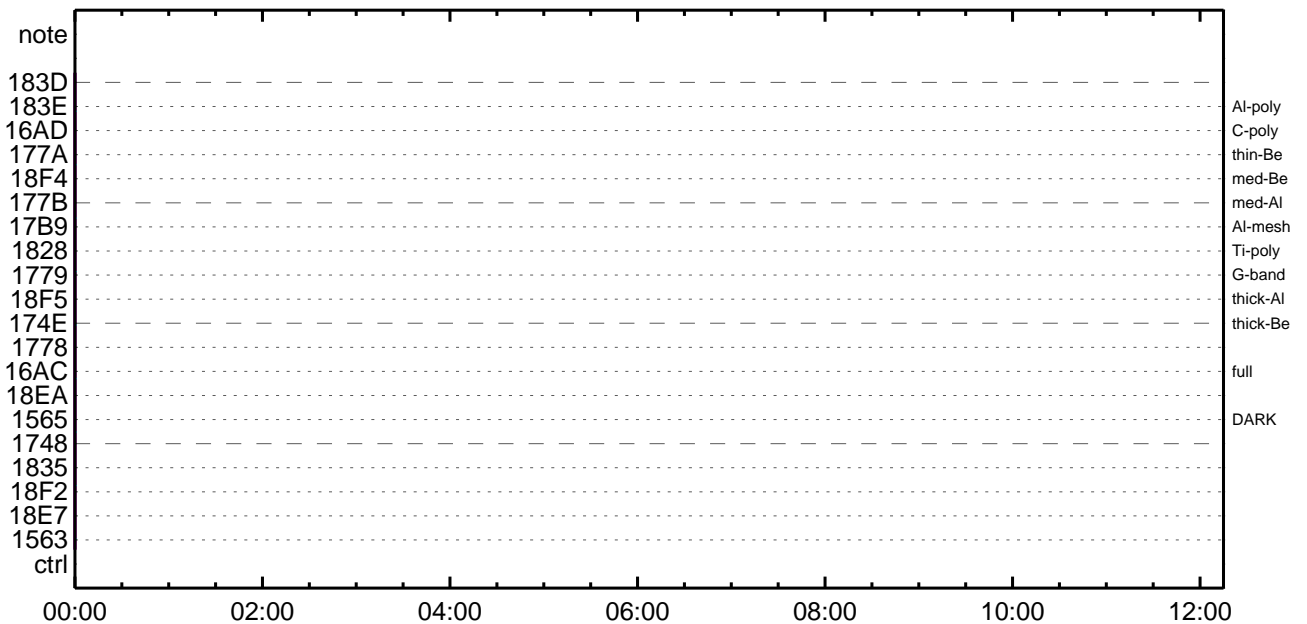
CMDI #0728 2012/07/17



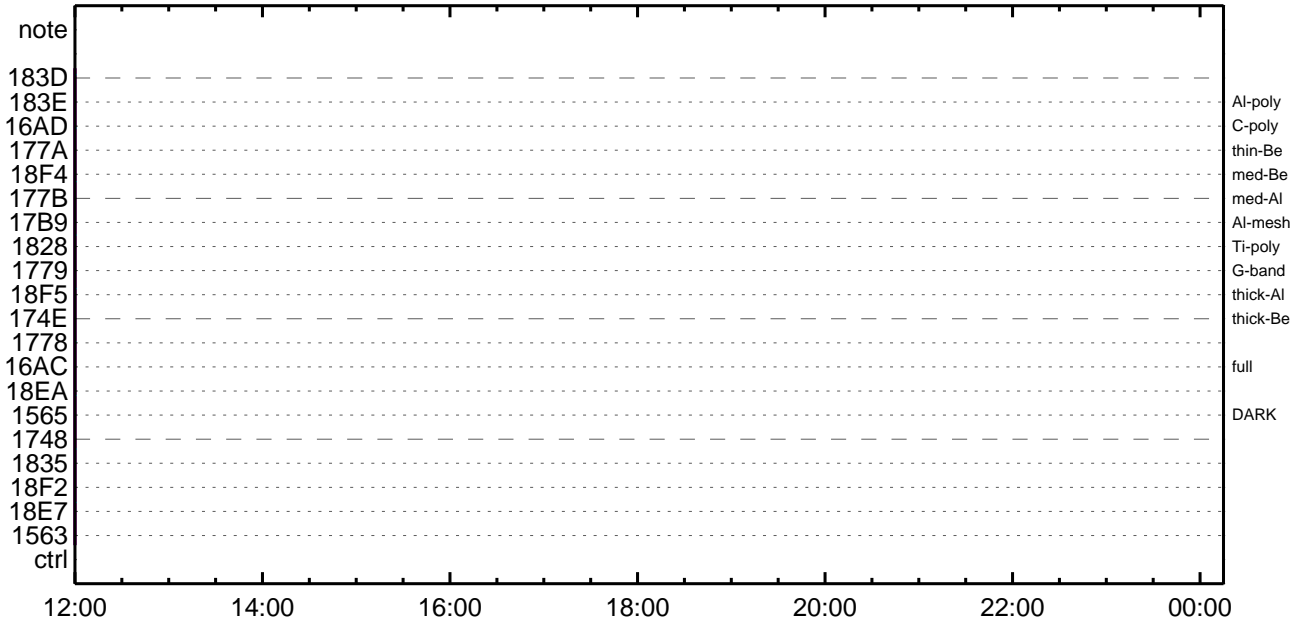
CMDI #0728 2012/07/17



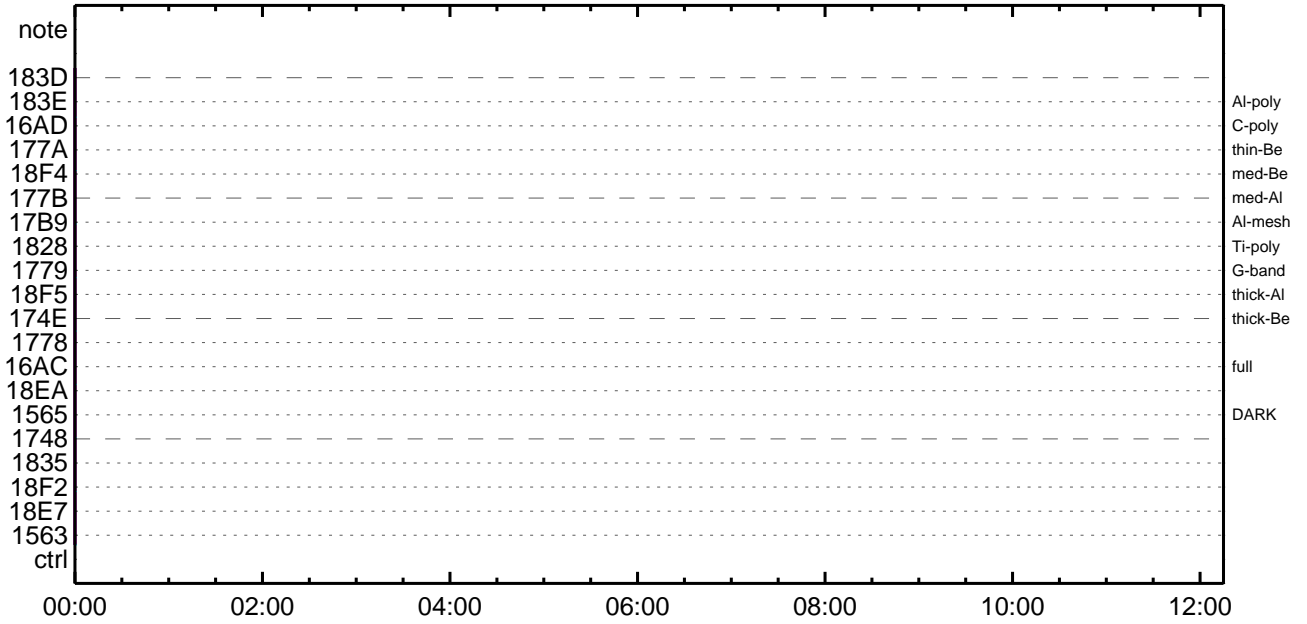
CMDI #0728 2012/07/18



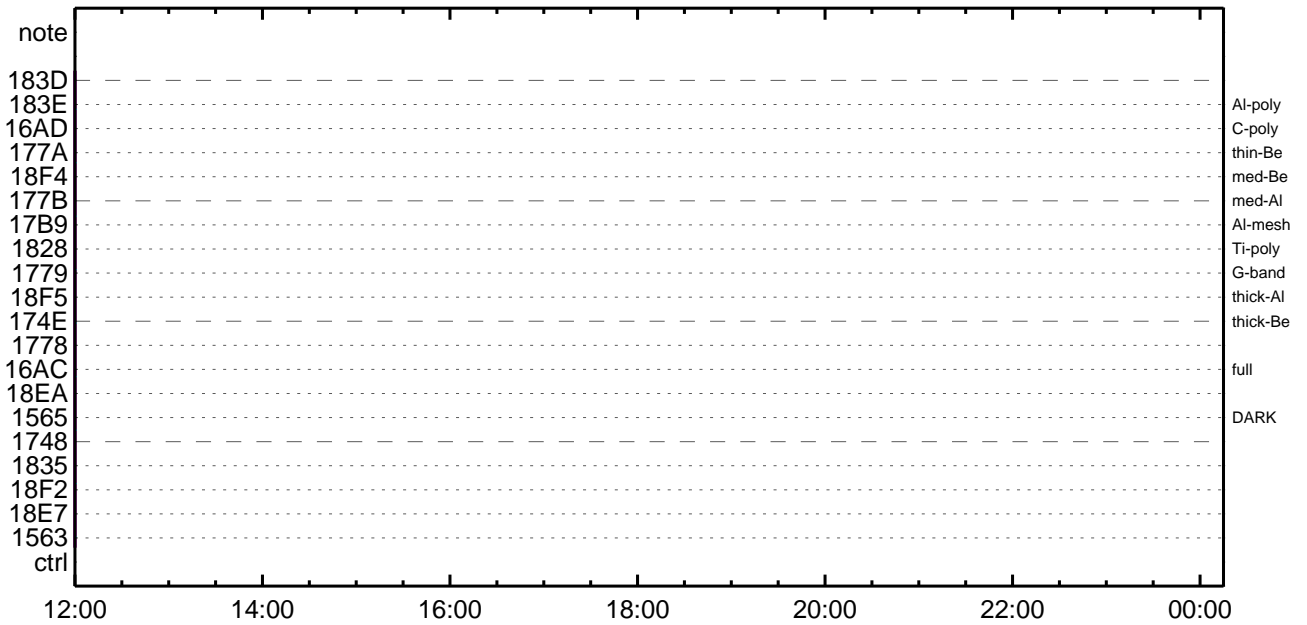
CMDI #0728 2012/07/18



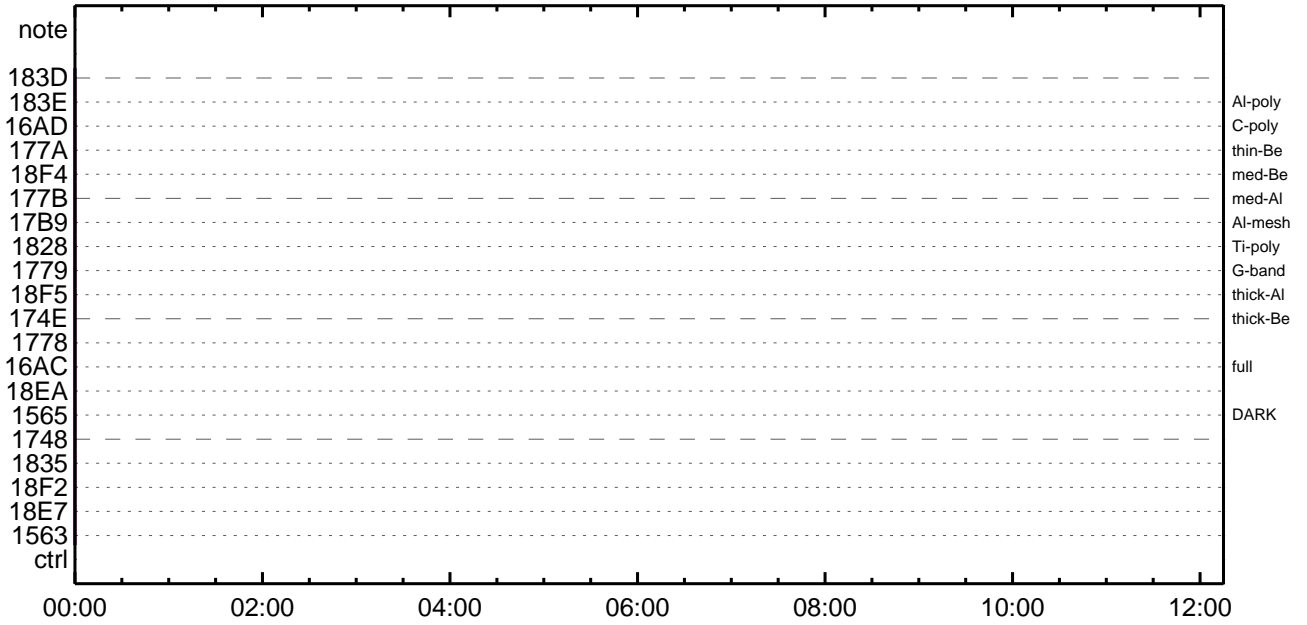
CMDI #0728 2012/07/19



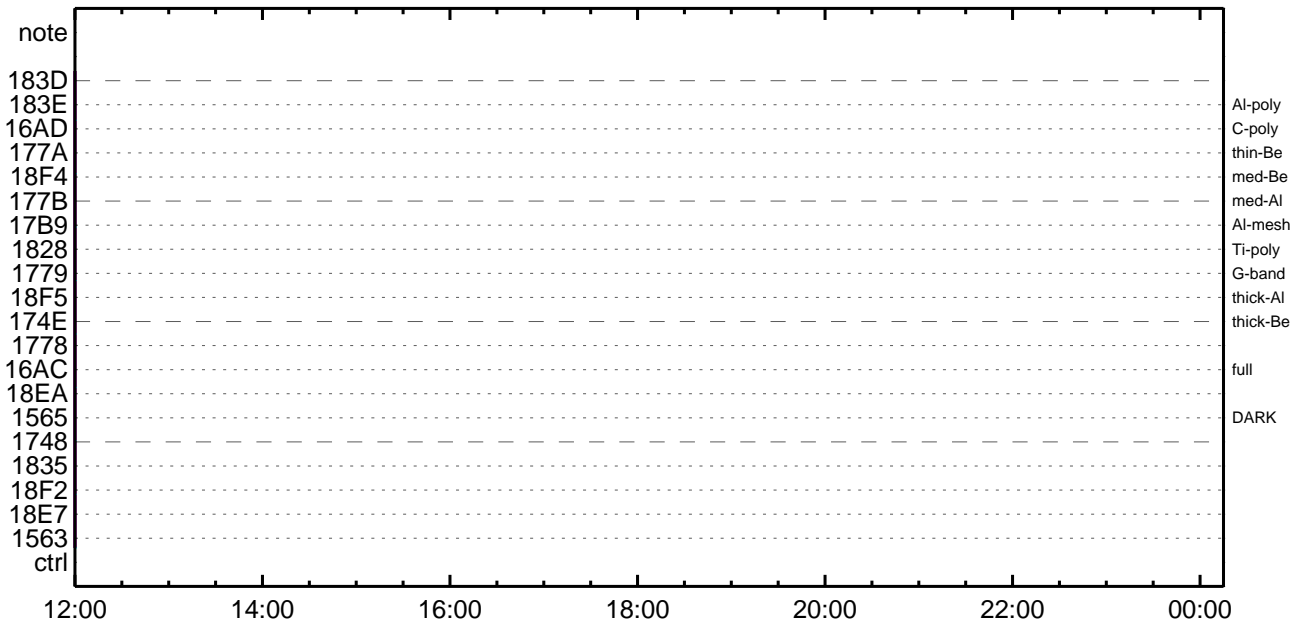
CMDI #0728 2012/07/19



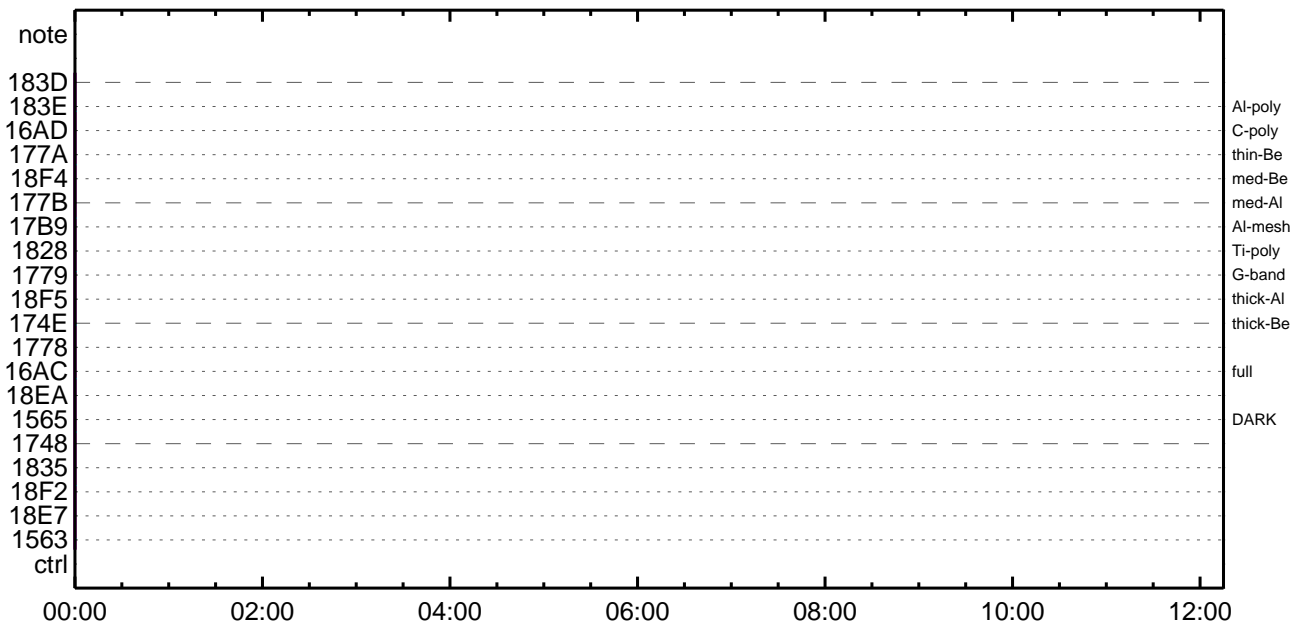
CMDI #0728 2012/07/20



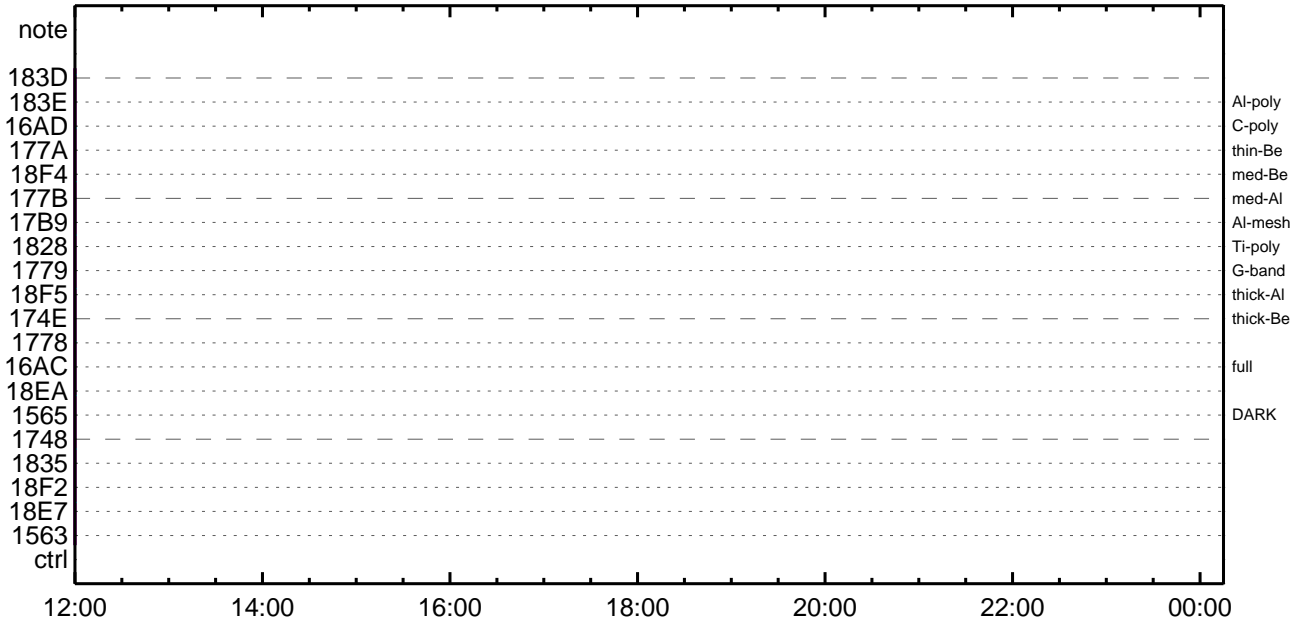
CMDI #0728 2012/07/20



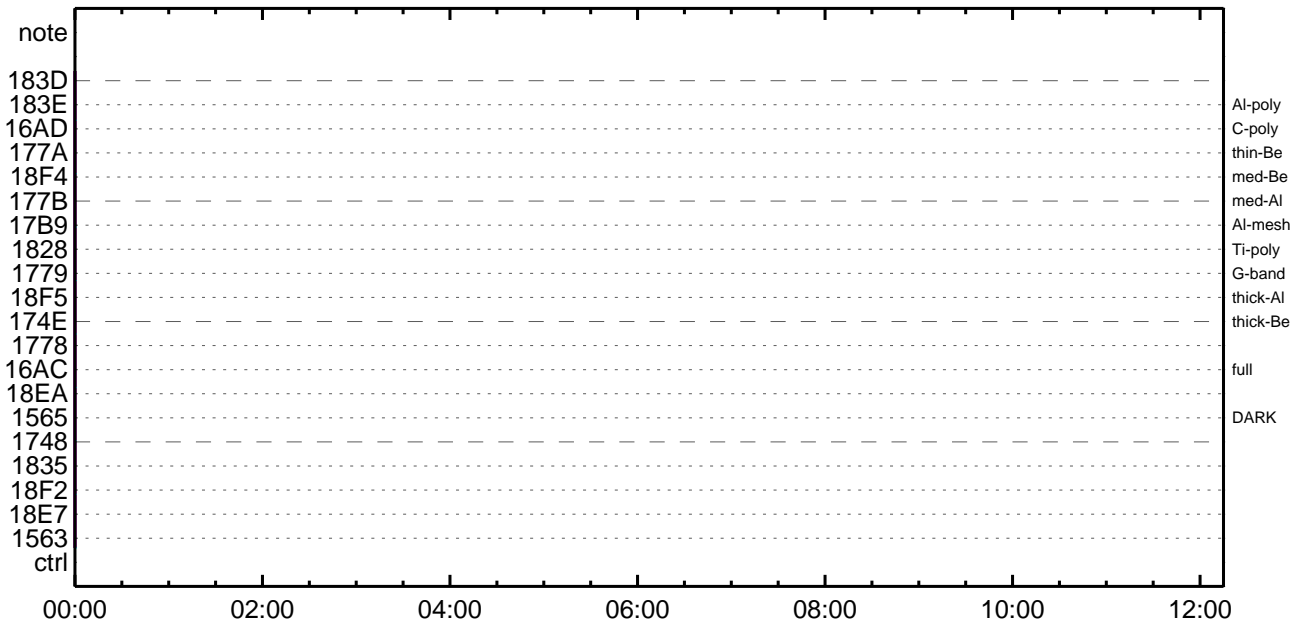
CMDI #0728 2012/07/21



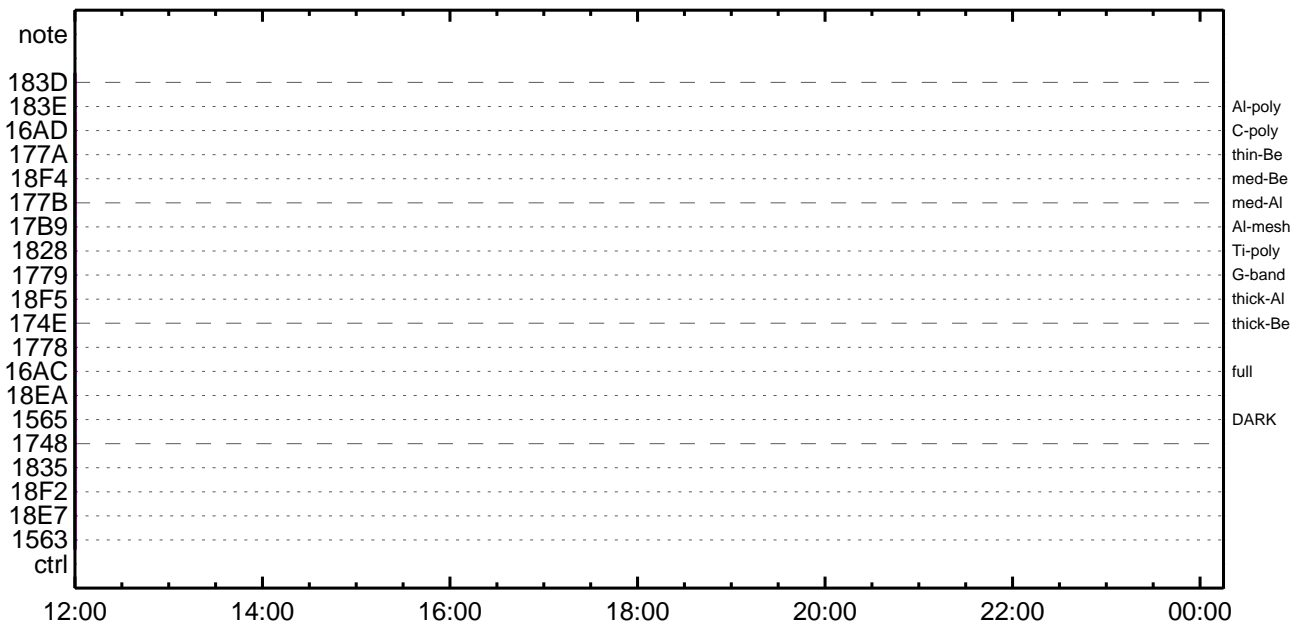
CMDI #0728 2012/07/21



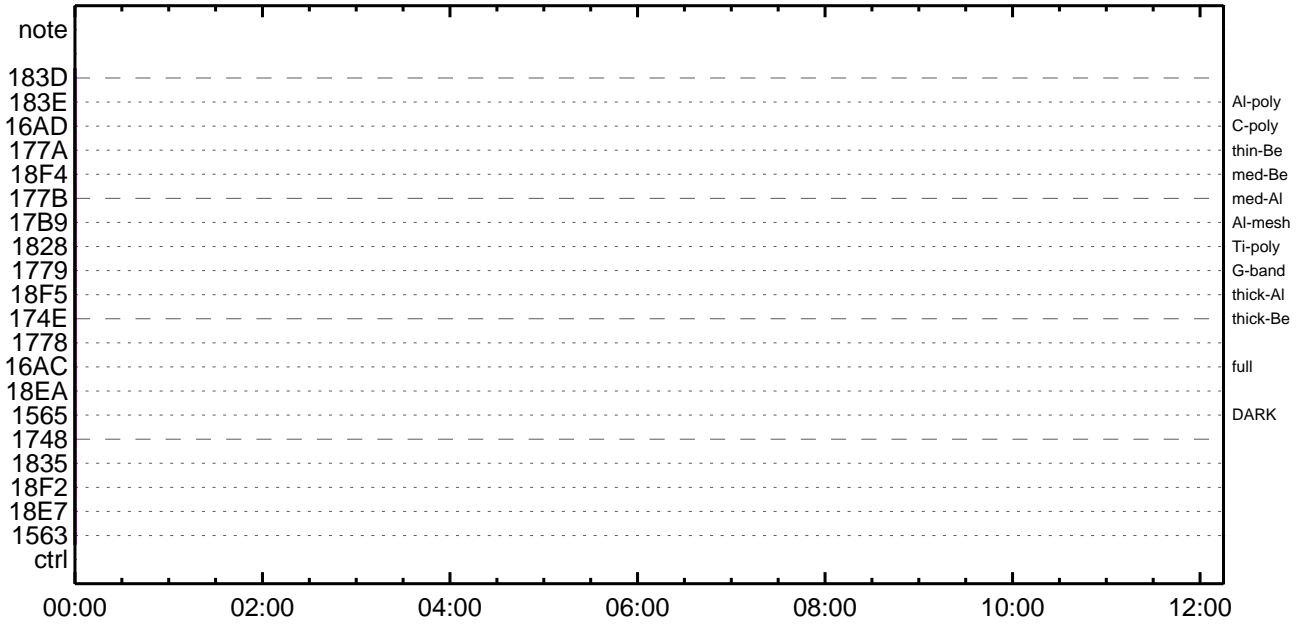
CMDI #0728 2012/07/22



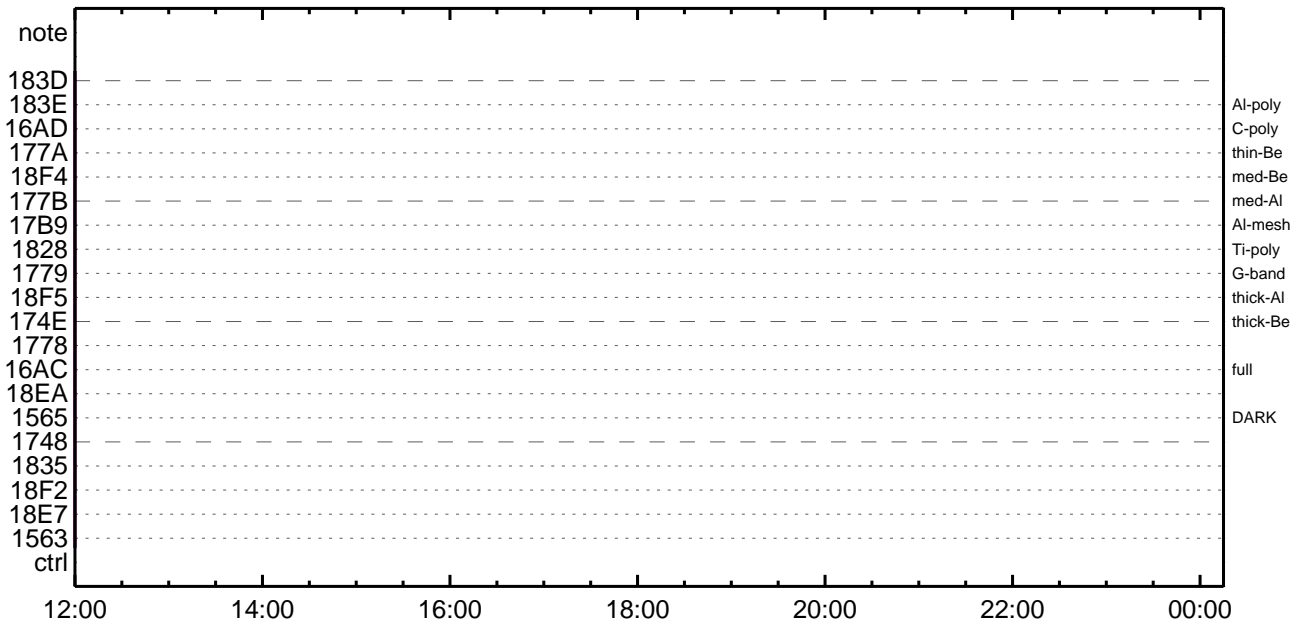
CMDI #0728 2012/07/22



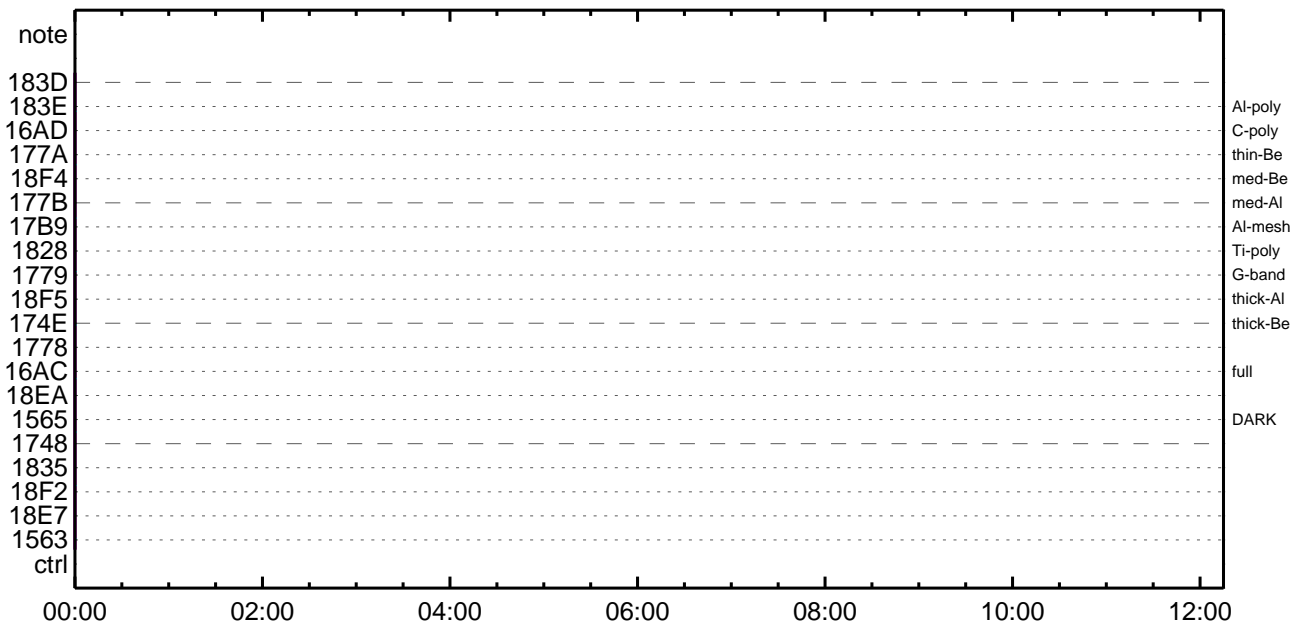
CMDI #0728 2012/07/23



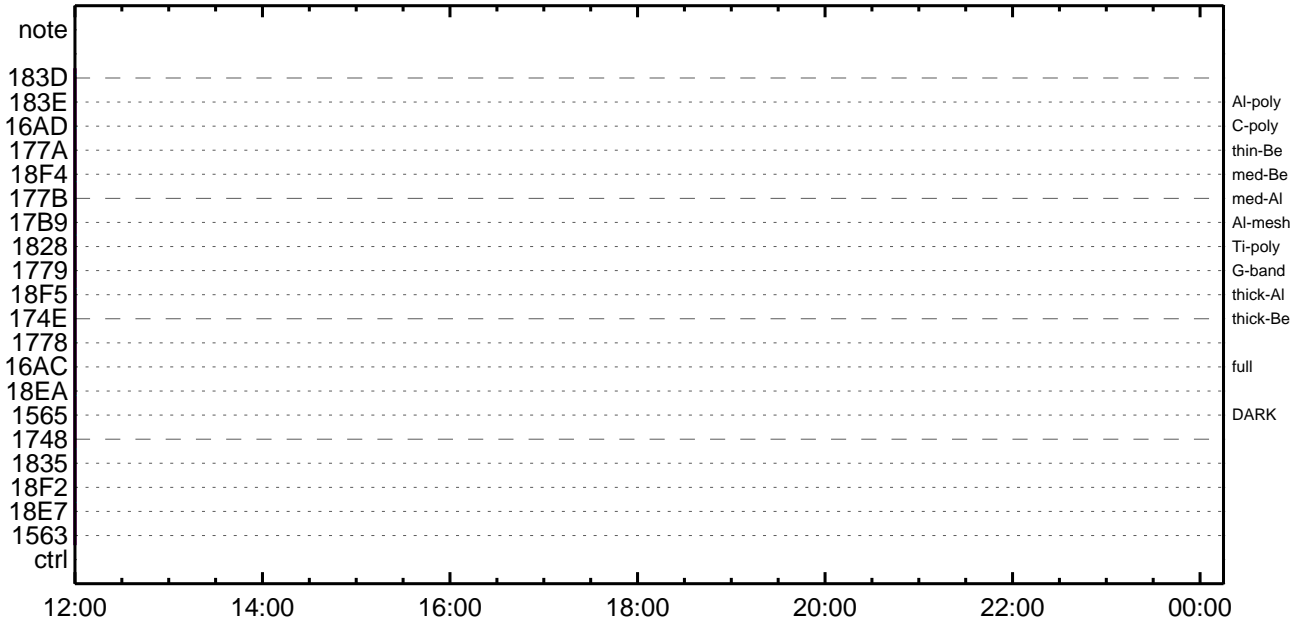
CMDI #0728 2012/07/23



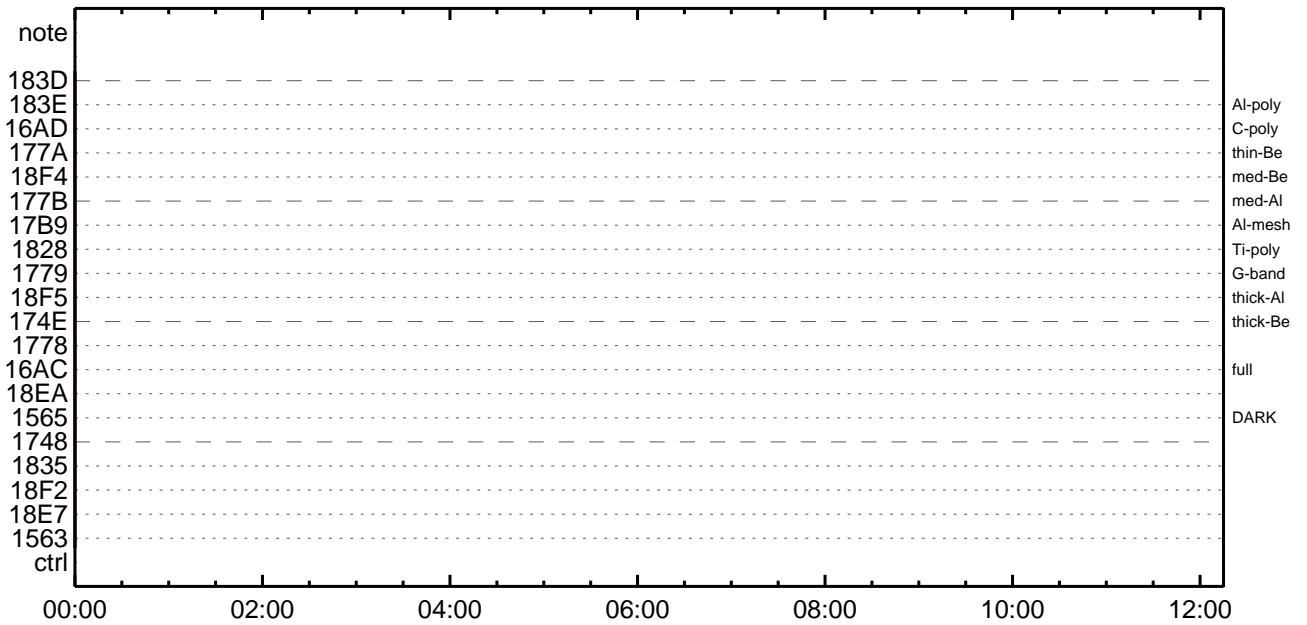
CMDI #0728 2012/07/24



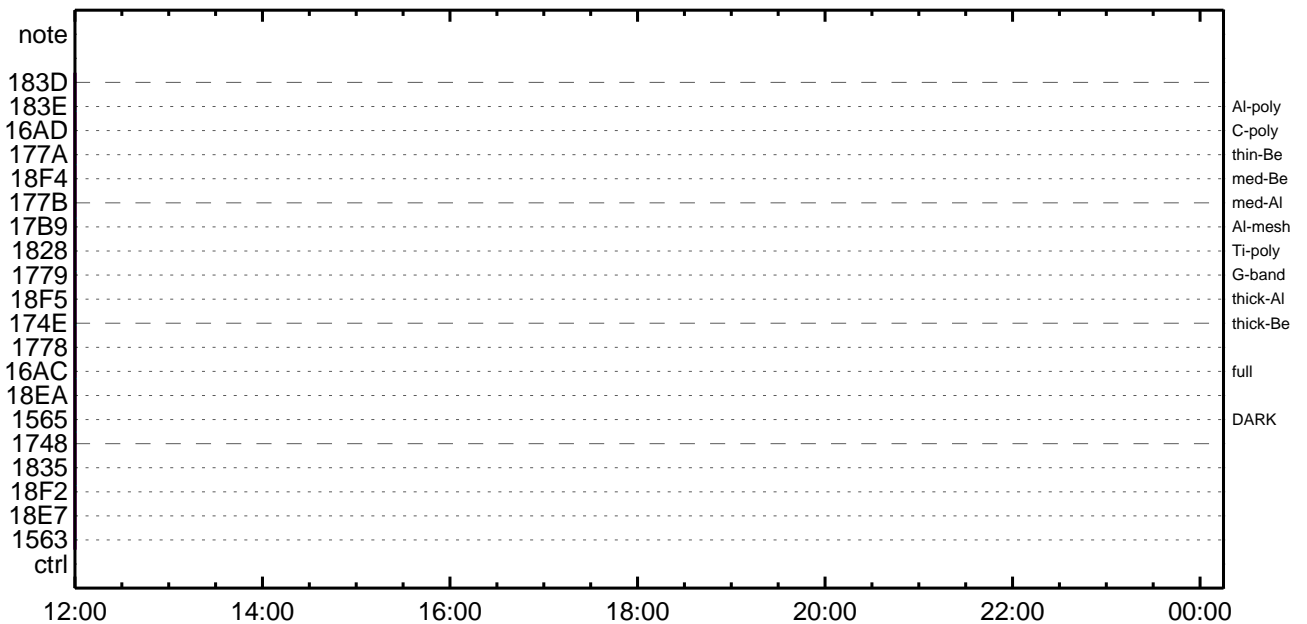
CMDI #0728 2012/07/24



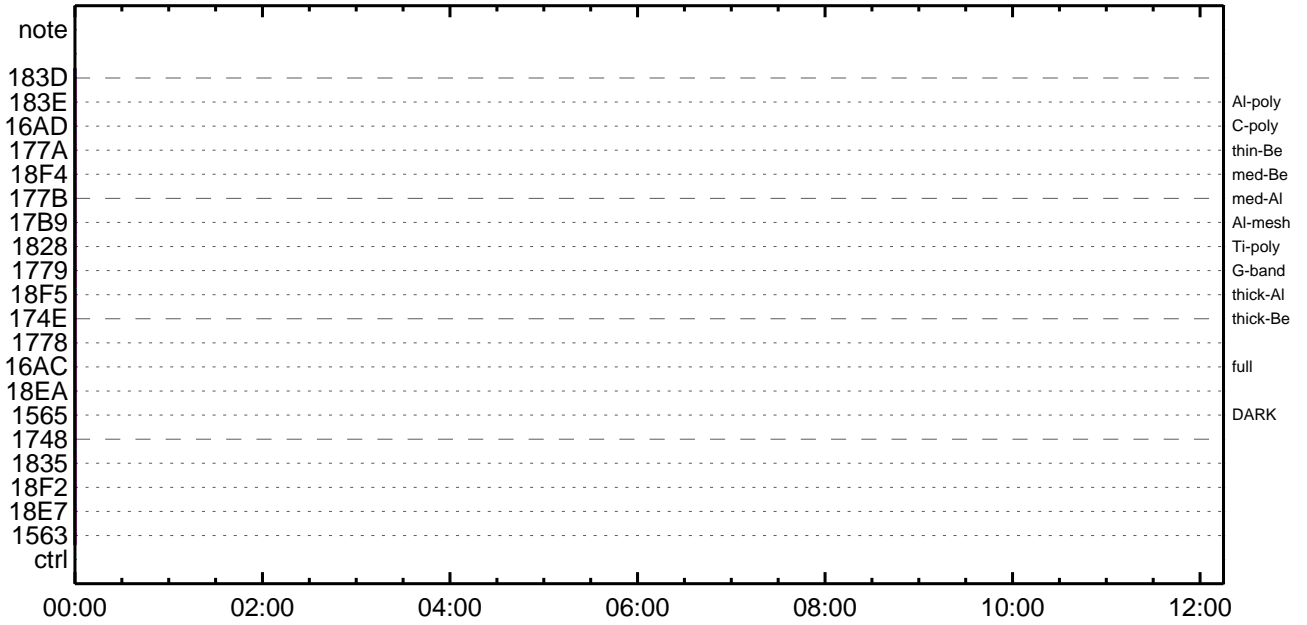
CMDI #0728 2012/07/25



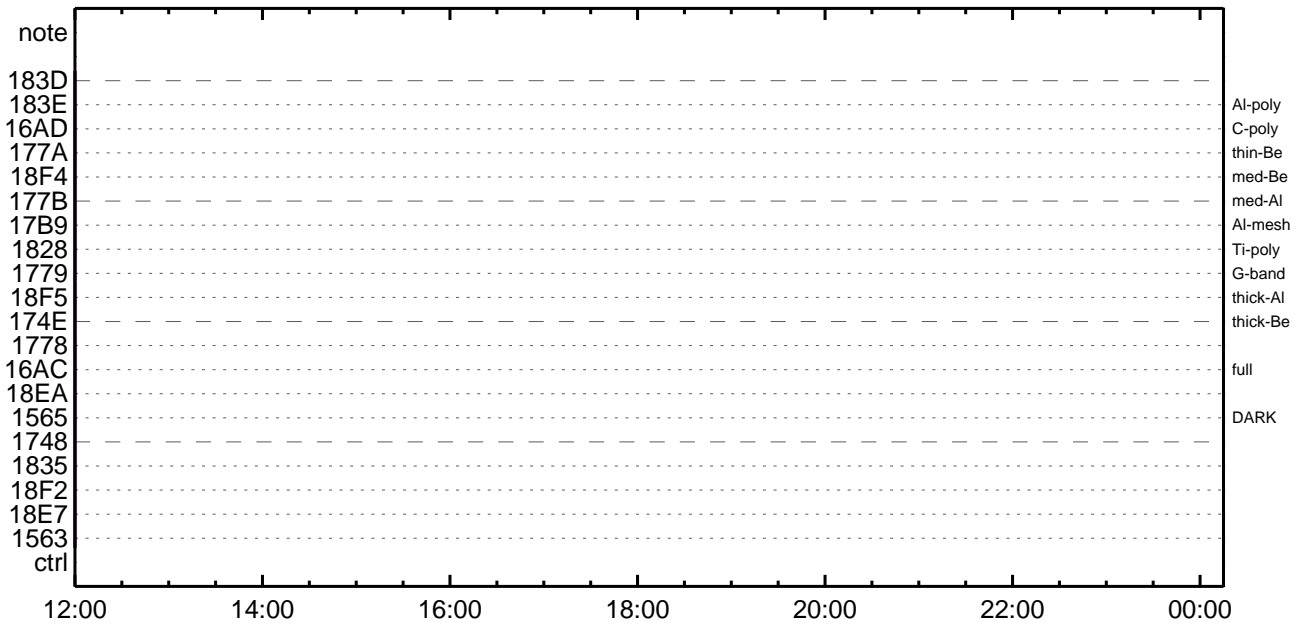
CMDI #0728 2012/07/25



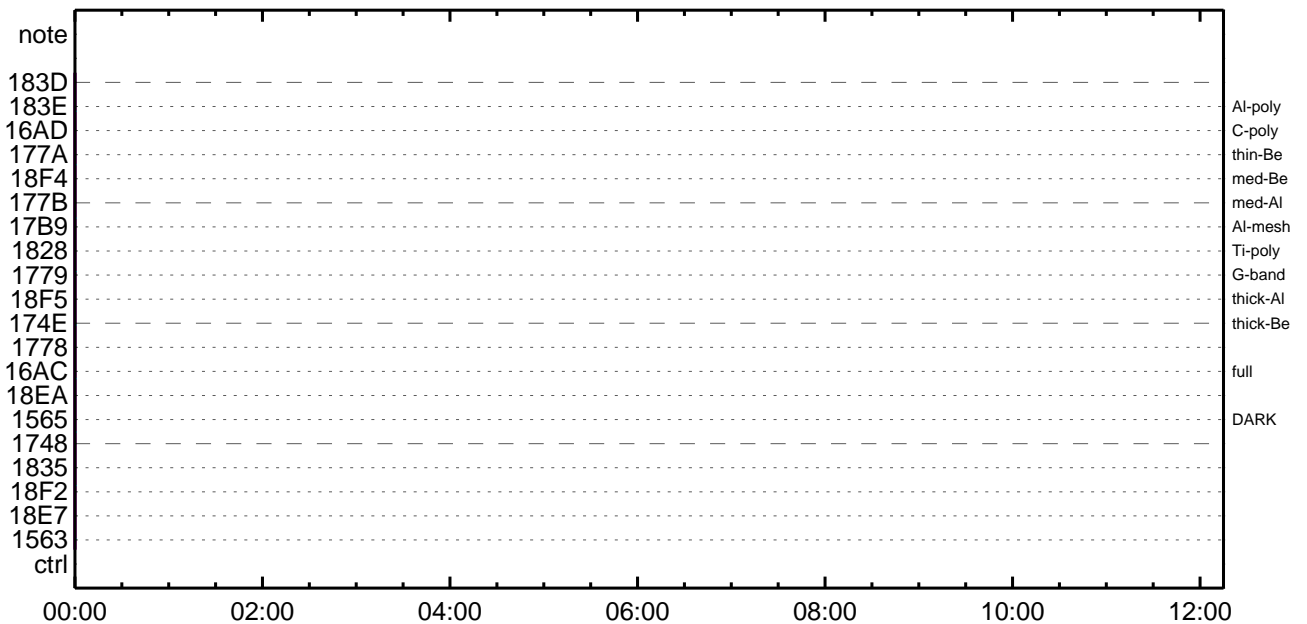
CMDI #0728 2012/07/26



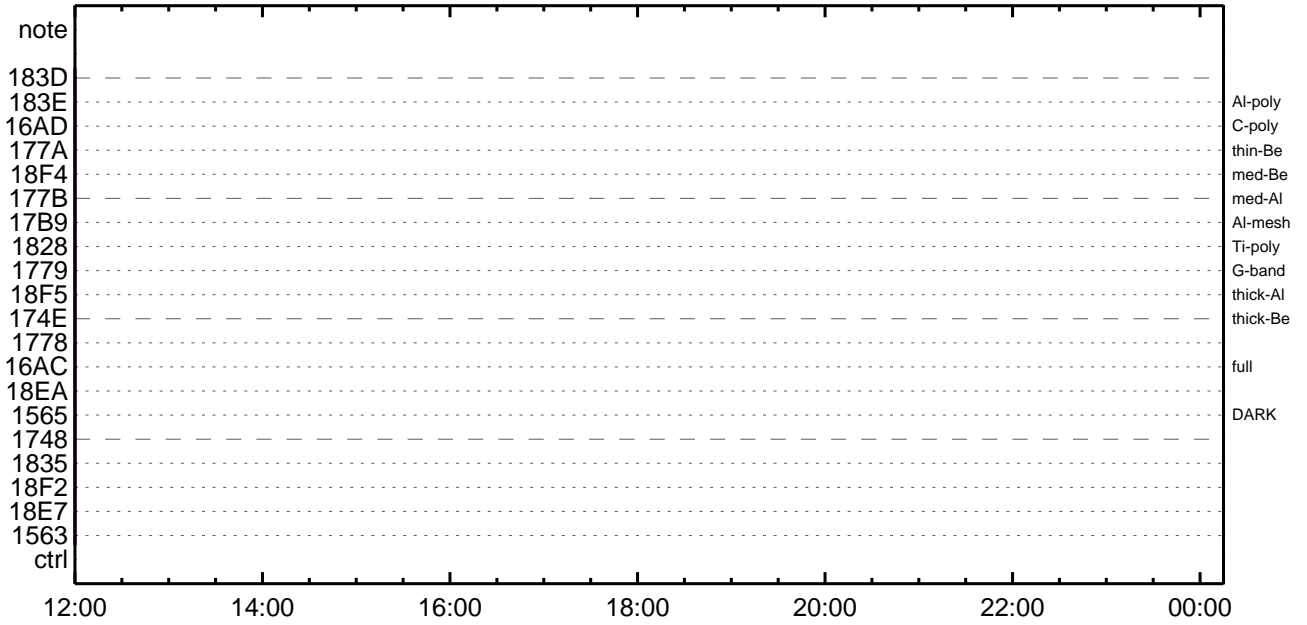
CMDI #0728 2012/07/26



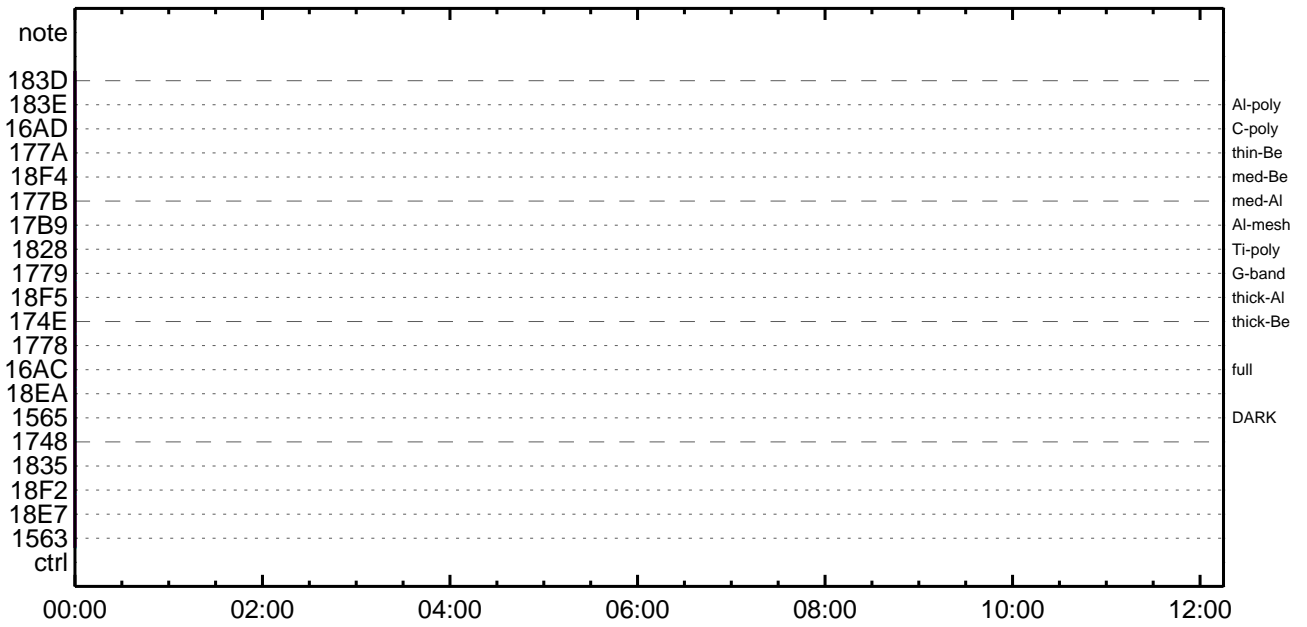
CMDI #0728 2012/07/27



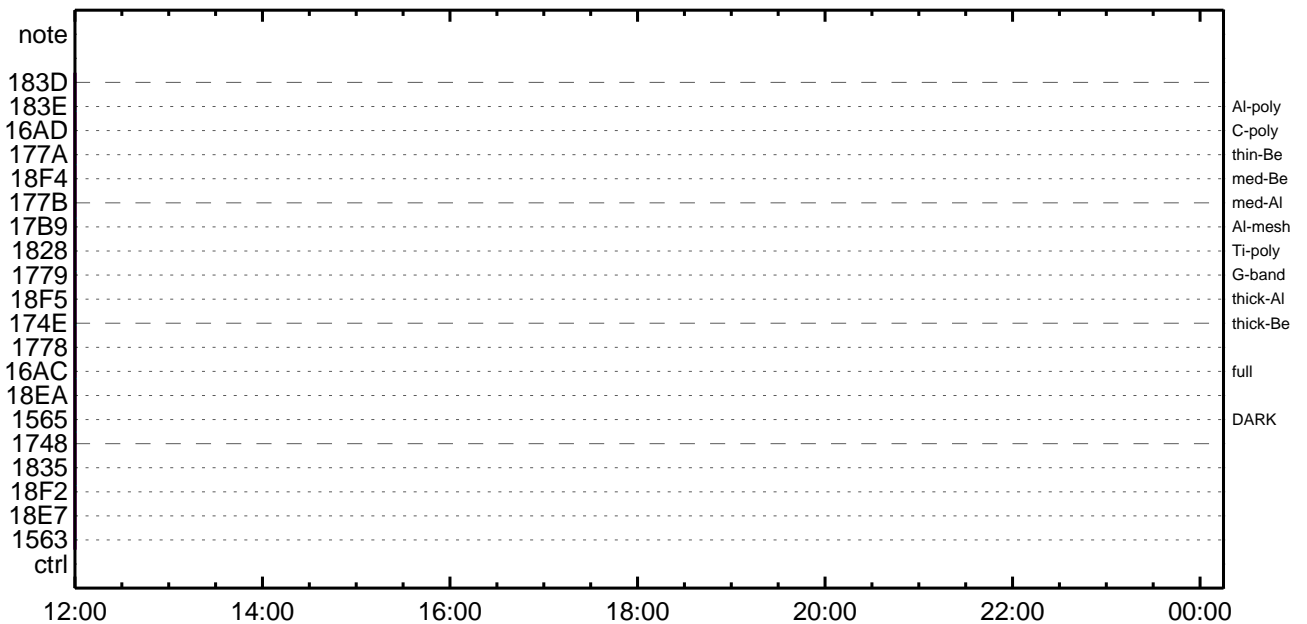
CMDI #0728 2012/07/27



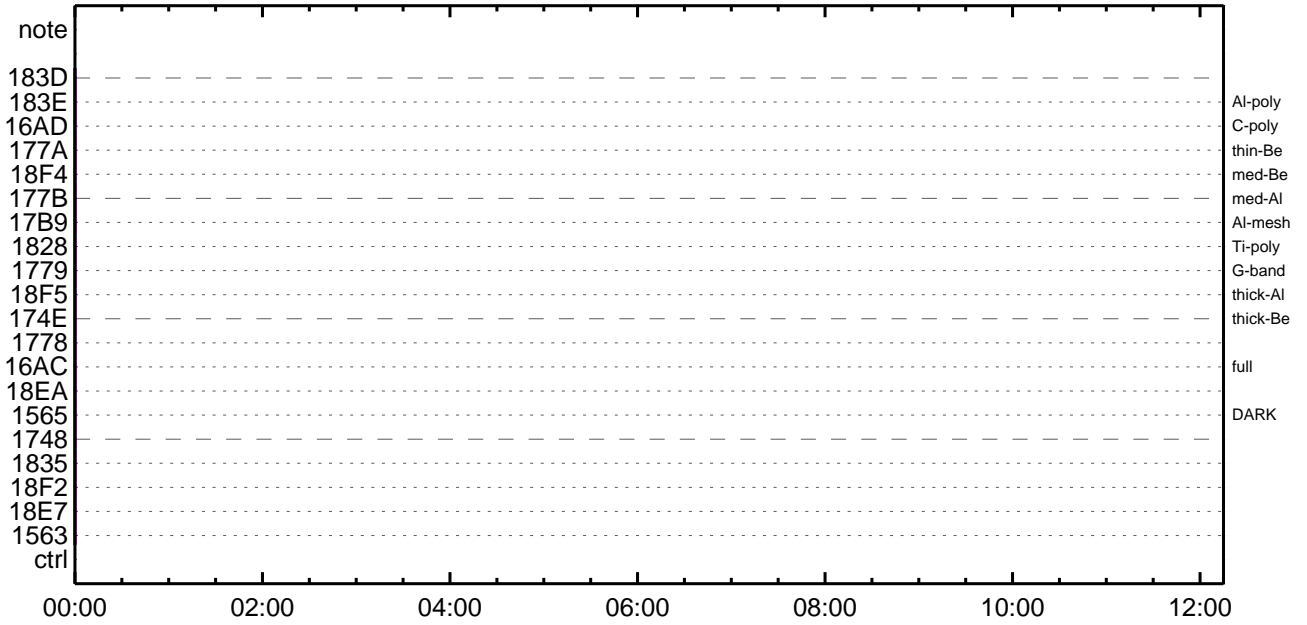
CMDI #0728 2012/07/28



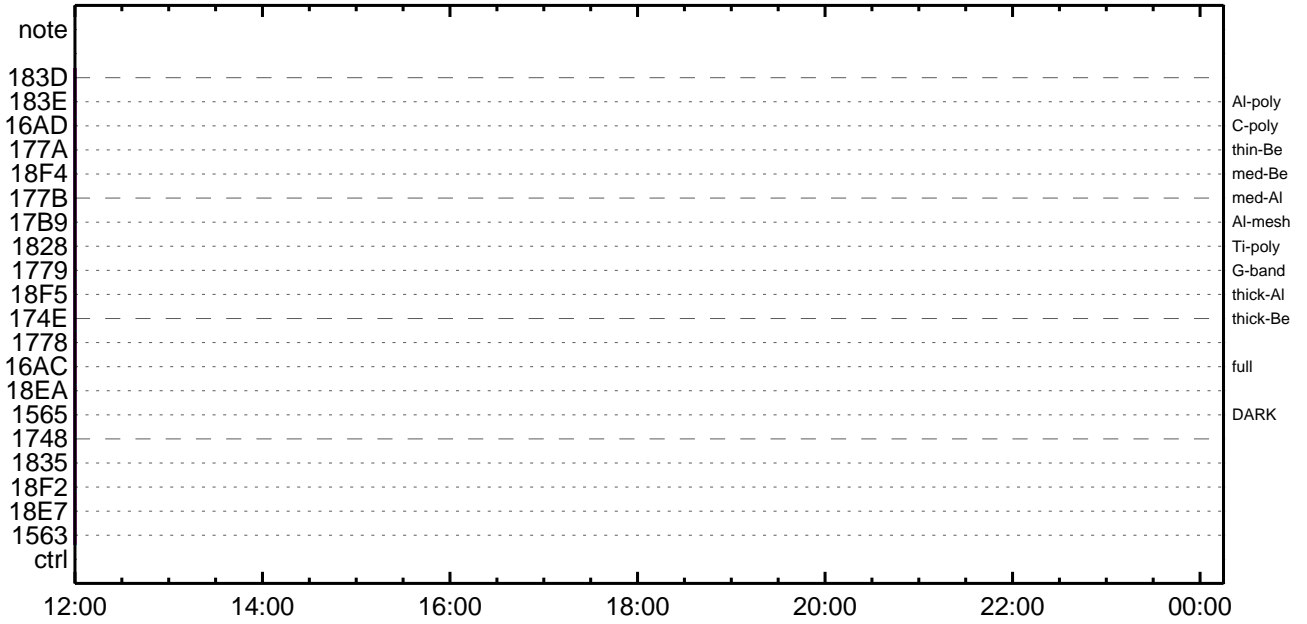
CMDI #0728 2012/07/28



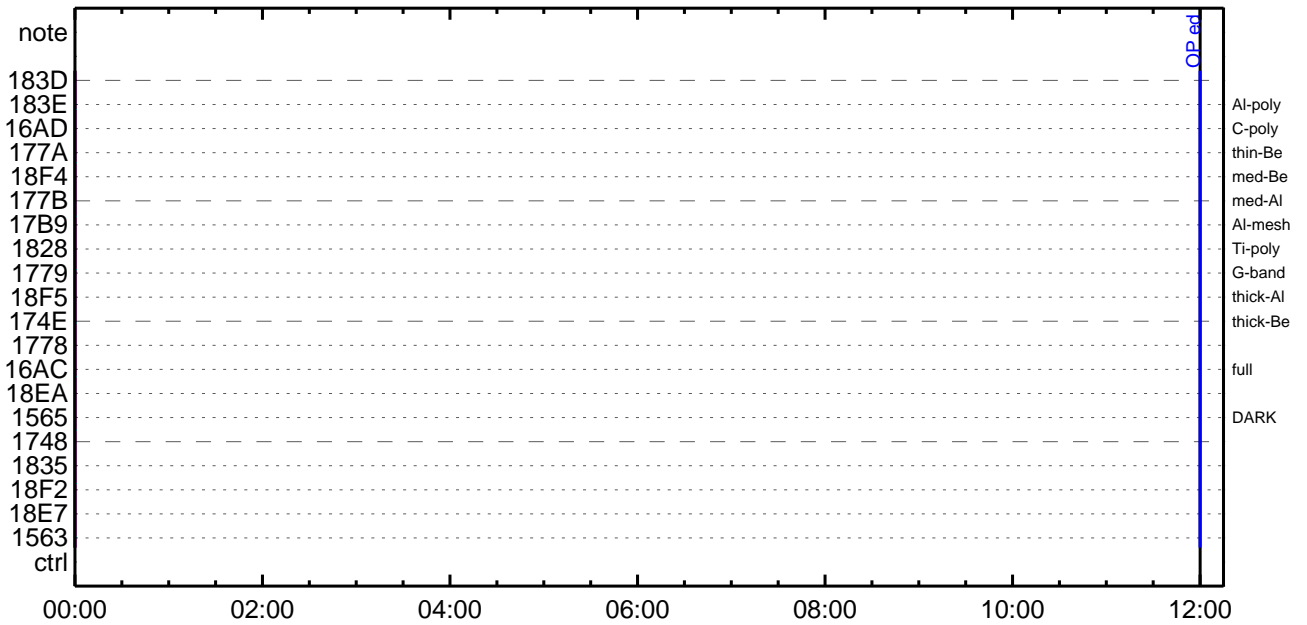
CMDI #0728 2012/07/29

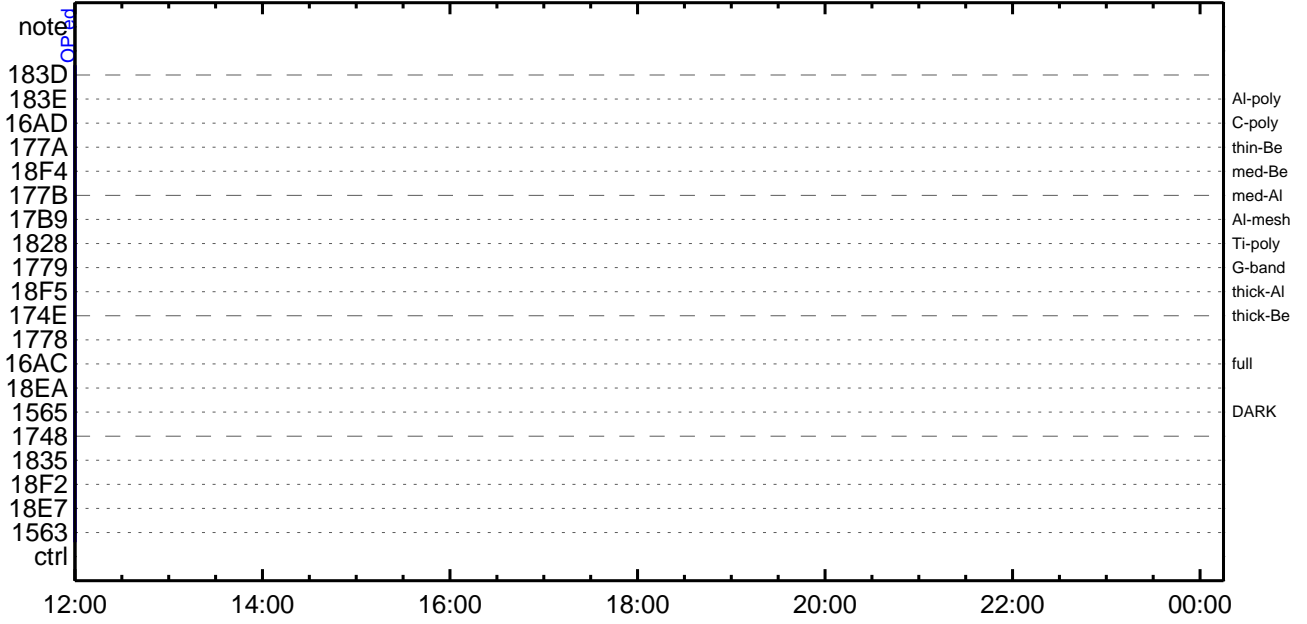


CMDI #0728 2012/07/29



CMDI #0728 2012/07/30






```

0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;|YAYOX
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-968:OP
0104 ( )
0105 S. OG og-968:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPfî°èYAYOX;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. YAYOXx½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG²î½E¹ç•è²îOKò³îÇ§
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. YAYOXx½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG²î½E¹ç•è²îOKò³îÇ§
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. YAYOXx½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OP²î½E¹ç•è²îOKò³îÇ§
0165 C.
0166 C. ***** °E²¼òî½Ã´¶Á°òEÉ-ò°Á÷¿@ (¼âµ-YAYOXx½ê½çòðÁÓÆòÇ¼ª°²òE¼î¹çòÇòâ) *****
0167 C. DHUYâ;4YE;E½Y½;Yî;4YE;Eòðîã¹
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÷¿@NG²î½î¹ç;ç°E²¼òîTI-CMDÁ÷¿@²î½Á¹Ô²°²E²ò²³òE;f
0180 C. ²²ò¿;çSET²EEDUMP²îE±²îYÑ¹²ç¹Ô²|²³òE;f
0181 C.
0182 C. TIY³Y²YóYEòðÁDî¿(UT)
0183 +. TI 2012-06-26 10:43:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2012-06-26 10:43:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2012-06-26 10:43:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

```


(a) Spacecraft Operation Procedure (real-commands)

```
main-969 2012-06-26 13:00:35 168 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Ü;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;Èα¿αAα•μ°E»Í×ÁÇαíYçYÁY×Yí;¼YÉ;ÈÈ%μ•ííÉ;ÈBÈ¼°ÇÔα•α¿¼í¹çαí;çÀ®, ùα¹αÈαBαÇÁ+¿®α•αÈααα³αÈ;f
0011 +. DC 02-8E AOCU_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 AOCU_DUMP_SET
0023 BC (07 00 00 00 18 00)
0024 C.
0025 C. <A_ST$1>[MEMORY OPERATE SATUS] 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 AOCSDUMP 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 AOCU_ORB_UPD
0044 . C.
0045 . C. ***** AOCS Commands (Orbital Element Update) *****
0046 C. Update the orbital element
0047 +. DC 02-50 AOCU_ORB_PRPGT_START
0048 BC (16)
0049 +. DC 02-8E AOCU_ORB_UPD
0050 C.
0051 C. <A_ORB>[ORBIT] EPC = 5209187.2 +- 1.0 (s) [ ]
0052 C.
0053 . C.
0054 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0055 +. DC 07-FC EIS_MODE_MANU
0056 BC (21 02)
0057 . C. Verify EIS in MANUAL mode
0058 . C. Estimated OBSTBL upload time is 1m4s
0059 C. *****
0060 C. EIS START OBSTBL LOAD
0061 C. *****
0062 . S. RAM ram-820:EIS_OBSTBL
0063 ( )
0064 +. DC 07-FC EIS_DUMP_OBSTBL
0065 BC (07 07 07 00 00 70 00)
0066 C.
0067 C. Execute, after the success of OBSTBL upload.
0068 C. Set EIS TI-commands
0069 +. TI 2012-06-26 10:47:50.0
0070 DC 07-FC EIS_MODE_CHG_ENA
0071 BC (20)
0072 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0073 C. *****
0074 C. EIS END OBSTBL LOAD
0075 C. *****
0076 C.
0077 C. ***** XRT START *****
0078 C.
0079 +. DC 07-F0 MDP_XRT_CTRL_MANU
0080 BC (c1)
0081 +. DC 07-F0 MDP_XRT_MODE_STBY
0082 BC (c3)
0083 . C. ----- Success Verify ? OK / NG____
0084 C.
0085 C. XRT Obs. Table Upload
0086 . S. RAM ram-291:MDP_OBS_X
0087 ( )
0088 C.
0089 +. DC 07-F0 MDP_DUMP_XRTTBL
0090 BC (84 07 00 00 00 3a d4)
0091 . C. ----- Comparison Check ? OK / ERR ____
0092 C.
0093 C.
0094 +. DC 07-F0 MDP_XRT_ROI_SET
0095 BC (cd 01 b1 b1 04 04)
```

```

0096 + DC 07-F0 MDP_XRT_ROI_SET
0097 BC (cd 02 b1 b1 08 08)
0098 + DC 07-F0 MDP_XRT_ROI_SET
0099 BC (cd 03 b1 b1 08 08)
0100 + DC 07-F0 MDP_XRT_ROI_SET
0101 BC (cd 04 b1 b1 06 06)
0102 + DC 07-F0 MDP_XRT_ROI_SET
0103 BC (cd 05 85 83 08 08)
0104 + DC 07-F0 MDP_XRT_ROI_SET
0105 BC (cd 06 80 80 20 20)
0106 + DC 07-F0 MDP_XRT_ROI_SET
0107 BC (cd 07 80 80 20 08)
0108 + DC 07-F0 MDP_XRT_ROI_SET
0109 BC (cd 08 80 80 08 20)
0110 + DC 07-F0 MDP_XRT_ROI_SET
0111 BC (cd 09 85 83 08 08)
0112 + DC 07-F0 MDP_XRT_ROI_SET
0113 BC (cd 0a 80 80 06 06)
0114 + DC 07-F0 MDP_XRT_ROI_SET
0115 BC (cd 0b c0 c0 10 10)
0116 + DC 07-F0 MDP_XRT_ROI_SET
0117 BC (cd 0c 40 c0 10 10)
0118 + DC 07-F0 MDP_XRT_ROI_SET
0119 BC (cd 0d 40 40 10 10)
0120 + DC 07-F0 MDP_XRT_ROI_SET
0121 BC (cd 0e c0 40 10 10)
0122 + DC 07-F0 MDP_XRT_ROI_SET
0123 BC (cd 0f 80 80 06 06)
0124 + DC 07-F0 MDP_XRT_ROI_SET
0125 BC (cd 10 80 80 08 08)
0126 + DC 07-F0 MDP_XRT_FLD_DIS
0127 BC (d9)
0128 + DC 07-F0 MDP_XRT_FLRCTRL_DIS
0129 BC (c9)
0130 + DC 07-F0 MDP_XRT_AEC_RESET
0131 BC (d0)
0132 + DC 07-F0 MDP_XRT_ARS_DIS
0133 BC (d5)
0134 + DC 07-F0 MDP_XRT_FLD_RESET
0135 BC (da)
0136 + DC 07-F0 MDP_XRT_QT_PROG_SET
0137 BC (c4 07)
0138 + DC 07-F0 MDP_XRT_FL_PROG_SET
0139 BC (c5 0d)
0140 . C. ----- Success Verify ? OK / NG ____
0141 C.
0142 C.
0143 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0144 C.
0145 +. DC 07-F0 MDP_XRT_MODE_OBSV
0146 BC (c2)
0147 +. TI 2012-06-26 10:47:02.0
0148 DC 07-F0 MDP_XRT_MODE_OBSV
0149 BC (c2)
0150 . C. ----- Success Verify ? OK / NG ____
0151 C.
0152 C. ***** XRT END *****
0153 C.
0154 . C. ***** MDP `uAÎaÎ»ô%YâEÂÐa¹aèDCBC•x²è *****
0155 C. (%â°îYÓYÁYÈYËYÏYáYçYèaE½¼aa¼A»Ûa¹aè)
0156 . S. DC-BC dcbc-402:DCBC
0157 (MDP_known_event)
0158 C.
0159 C.
0160 . C. ***** YDÿ!•Ï Daily±;îÑaÈ´Øa¹aèDCBC•x²è *****
0161 . S. DC-BC dcbc-153:DCBC
0162 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0163 C.
0164 C.
0165 . C. ;ãLOSŸÁYŠYÃY¬¼A»Û;ã
0166 C.
0167 . C. ***** LOS *****
0168 C.

```


(a) Spacecraft Operation Procedure (real-commands)

```
main-970 2012-06-26 13:00:35 187 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÁY^-¼Ä»Û;ã
0005 C.
0006 C. YÀYß;¼Y³YFÝÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èµ¿µÄµ•µ°È»Í×ÁÇµÍYÇYÁY×YÍ;¼YÉ;ÈÈÈµ•ÍÍÈ;ÈµÈ¼°ÇÓµ•µ¿¼l¹ÇµÍ;ÇÄ®, ùµ¹µÈµµÇÄ+¿®µ•µÈµµµµµÈ; f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÁ+¿µ;ON
0016 C. *****
0017 C. Ç” °ÆÀ, Í×ÈYµÄLOSµµÇµÍ»p´Öµµ¹ÍÍ, µ•; ÇÉÔÍ×µÈXÁÓONµÍ¹ÔµÈµµµµµÈ; 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. XYDÝÓYÉYÍYÁY^-¾ÖÄÖµ-°ÄÄÈµ•µ¿µÉ; Ç°È²¼µÍ°ÆÀ, ¼È¼Çµµµ¼Ä¹ÔµµµÈ; f
0030 C.
0031 . C. *****
0032 C. DR PT1 ÁÍ¼i°ÆÀ,
0033 C. *****
0034 C. Ç” RESTART; ÈPT1; Èµ•µ¿µµ¼l¹ÇµÍ; Ç°È²¼µÍ°ÆÀ¹ÔµµµÈ; ÇDCBC-150µµ¿¿Èµµà; f
0035 C.
0036 . C. ;ãPT1°ÆÀ, ³«»Í;ã
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 (¼Ä¹Ô, ;¼Ú)
0043 C. ÇÇ[HK1_REP_STA/STP] EQ START (¼Ä¹Ô, ;¼Ú)
0044 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ô, ;¼Ú)
0045 C.
0046 . C. ;ãYÇYÓYÉYÉÄÜÁØ; ÈÁ•Ä°²óÈð; È, áµÍ°ÆÀ, °Æ³«;ã
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 (¼Ä¹Ô, ;¼Ú)
0050 C. ÇÇ[HK1_REP_STA/STP] EQ START (¼Ä¹Ô, ;¼Ú)
0051 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ô, ;¼Ú)
0052 C.
0053 C.
0054 . C. PT1°ÆÀ, µ-¼«Æ°Äá»ßµ•µ¿, á; Ç°È²¼µµ¼Ä¹ÔµµµÈ; f
0055 C. YÇYÓYÉYÉÄÜÁØµÄÁ•Ä°²óÈðµ-¶áµµ¼l¹ÇµÍ´°Í»µ¹µÈµµµµÇÄÓµÄ; f
0056 C.
0057 . C. *****
0058 C. DR PT2 ÁÍ¼i°ÆÀ,
0059 C. *****
0060 C. Ç” RESTART; ÈPT2; Èµ•µ¿µµ¼l¹ÇµÍ; Ç°È²¼µÍ°ÆÀ¹ÔµµµÈ; ÇDCBC-151µµ¿¿Èµµà; f
0061 C.
0062 . C. ;ãPT2°ÆÀ, ³«»Í;ã
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 (¼Ä¹Ô, ;¼Ú)
0069 C. ÇÇ[HK1_REP_STA/STP] EQ START (¼Ä¹Ô, ;¼Ú)
0070 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ô, ;¼Ú)
0071 C.
0072 . C. ;ãYÇYÓYÉYÉÄÜÁØ; ÈÁ•Ä°²óÈð; È, áµÍ°ÆÀ, °Æ³«;ã
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 (¼Ä¹Ô, ;¼Ú)
0076 C. ÇÇ[HK1_REP_STA/STP] EQ START (¼Ä¹Ô, ;¼Ú)
0077 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ô, ;¼Ú)
0078 C.
0079 . C. *****
0080 C. DR°ÆÀ, Äá»ß; ÇXÁ+¿µ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°ÆÀ, Äá»ß;ã
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;ã
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
```


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*** OP Sequence for XRT ***

2012/06/26	10:57:54.0	XRT_CTRL_MANU_439_OG [0x1b7]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/06/26	10:58:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2012/06/26	11:00:26.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2012/06/26	11:00:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2012/06/26	11:00:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2012/06/26	11:00:50.0	XRT_AEC_RESET_443_OG [0x1bb]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2012/06/26	11:00:52.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/06/26	11:00:54.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/06/26	11:00:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b				
2012/06/26	11:00:58.0	XRT_FL_PROG_SET_449_OG [0x1c1]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2012/06/26	11:01:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/06/26	12:07:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/06/26	12:07:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/06/26	12:07:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/06/26	12:10:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/06/26	12:38:24.0	XRT_CTRL_MANU_403_OG [0x193]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/06/26	12:38:30.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 54 00 00 72				
2012/06/26	12:40:58.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2012/06/26	12:41:18.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/06/26	12:41:20.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/06/26	12:41:22.0	XRT_AEC_RESET_443_OG [0x1bb]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2012/06/26	12:41:24.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/06/26	12:41:26.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/06/26	12:41:28.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2012/06/26	12:41:30.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/06/26	13:03:24.0	XRT_CTRL_MANU_403_OG [0x193]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/06/26	13:03:30.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 4e f1 00 72				
2012/06/26	13:05:58.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2012/06/26	13:06:18.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/06/26	13:06:20.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/06/26	13:06:22.0	XRT_AEC_RESET_443_OG [0x1bb]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2012/06/26	13:06:24.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/06/26	13:06:26.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/06/26	13:06:28.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2012/06/26	13:06:30.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/06/26	13:45:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/06/26	13:45:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/06/26	13:45:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/06/26	13:48:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/06/26	14:22:54.0	XRT_CTRL_MANU_403_OG [0x193]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/06/26	14:23:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 46 0c 00 72				
2012/06/26	14:25:28.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2012/06/26	14:25:48.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/06/26	14:25:50.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/06/26	14:25:52.0	XRT_AEC_RESET_443_OG [0x1bb]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2012/06/26	14:25:54.0	XRT_ARS_DIS_431_OG [0x1af]							

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2012/06/26	14:25:56.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_ARS_DIS	1	07-F0	d5
			MDP_XRT_FLD_RESET	1	07-F0	da
2012/06/26	14:25:58.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2012/06/26	14:26:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2012/06/26	14:47:54.0	XRT_CTRL_MANU_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2012/06/26	14:48:00.0	AOCS_OrE-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00 3d 26 00 72
2012/06/26	14:50:28.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2012/06/26	14:50:48.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9
2012/06/26	14:50:50.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2012/06/26	14:50:52.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0
2012/06/26	14:50:54.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5
2012/06/26	14:50:56.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2012/06/26	14:50:58.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2012/06/26	14:51:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2012/06/26	15:24:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2012/06/26	15:24:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2012/06/26	15:24:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2012/06/26	15:27:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2012/06/26	16:12:24.0	XRT_CTRL_MANU_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2012/06/26	16:12:30.0	AOCS_OrE-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00 34 41 00 72
2012/06/26	16:14:58.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2012/06/26	16:15:18.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9
2012/06/26	16:15:20.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2012/06/26	16:15:22.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0
2012/06/26	16:15:24.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5
2012/06/26	16:15:26.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2012/06/26	16:15:28.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2012/06/26	16:15:30.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2012/06/26	17:02:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2012/06/26	17:02:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2012/06/26	17:02:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2012/06/26	17:05:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2012/06/26	17:49:24.0	XRT_CTRL_MANU_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2012/06/26	17:49:30.0	AOCS_OrE-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00 2b 64 00 72
2012/06/26	17:51:58.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2012/06/26	17:52:18.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9
2012/06/26	17:52:20.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2012/06/26	17:52:22.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0
2012/06/26	17:52:24.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5
2012/06/26	17:52:26.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2012/06/26	17:52:28.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2012/06/26	17:52:30.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2012/06/26	18:14:24.0	XRT_CTRL_MANU_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2012/06/26	18:14:30.0	AOCS_OrE-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	00 22 7e 00 72
2012/06/26	18:16:58.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2012/06/26	18:17:18.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9
2012/06/26	18:17:20.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9

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2012/06/26	18:17:22.0	XRT_AEC_RESET_443_OG [0x1bb]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2012/06/26	18:17:24.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/06/26	18:17:26.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/06/26	18:17:28.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2012/06/26	18:17:30.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/06/26	18:41:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/06/26	18:41:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/06/26	18:41:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/06/26	18:44:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/06/26	19:25:54.0	XRT_CTRL_MANU_403_OG [0x193]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/06/26	19:26:00.0	AOCS_Orе-point_Start_9_OG [0x09f]							
		AOCU_NM	5	02-76	00 19 99 00 72				
2012/06/26	19:28:28.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2012/06/26	19:28:48.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/06/26	19:28:50.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/06/26	19:28:52.0	XRT_AEC_RESET_443_OG [0x1bb]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2012/06/26	19:28:54.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/06/26	19:28:56.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/06/26	19:28:58.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2012/06/26	19:29:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/06/26	19:50:54.0	XRT_CTRL_MANU_403_OG [0x193]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/06/26	19:51:00.0	AOCS_Orе-point_Start_10_OG [0x0a0]							
		AOCU_NM	5	02-76	00 10 b4 00 72				
2012/06/26	19:53:28.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2012/06/26	19:53:48.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/06/26	19:53:50.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/06/26	19:53:52.0	XRT_AEC_RESET_443_OG [0x1bb]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2012/06/26	19:53:54.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/06/26	19:53:56.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/06/26	19:53:58.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2012/06/26	19:54:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/06/26	20:19:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/06/26	20:19:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/06/26	20:19:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/06/26	20:22:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/06/26	21:03:24.0	XRT_CTRL_MANU_403_OG [0x193]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/06/26	21:03:30.0	AOCS_Orе-point_Start_11_OG [0x0a1]							
		AOCU_NM	5	02-76	00 07 ce 00 72				
2012/06/26	21:05:58.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2012/06/26	21:06:18.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/06/26	21:06:20.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/06/26	21:06:22.0	XRT_AEC_RESET_443_OG [0x1bb]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2012/06/26	21:06:24.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/06/26	21:06:26.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/06/26	21:06:28.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2012/06/26	21:06:30.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/06/26	21:28:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/06/26	21:28:26.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2012/06/26	21:28:30.0	AOCS_Orе-point_Start_12_OG [0x0a2]							
		AOCU_NM	5	02-76	00 ff cf 00 72				
2012/06/26	21:28:46.0	XRT_FLD_DIS_402_OG [0x192]							

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2012/06/26	21:28:48.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLD_DIS	1	07-F0	d9				
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/06/26	21:28:50.0	XRT_ARS_DIS_438_OG [0x1b6]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/06/26	21:31:28.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e			
2012/06/26	21:31:30.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/06/26	21:58:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/06/26	21:58:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da				
2012/06/26	21:58:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/06/26	22:01:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/06/26	22:38:54.0	XRT_CTRL_MANU_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/06/26	22:39:00.5	AOCS_ORe-point_Start_13_OG [0x0a3]	AOCU_NM	5	02-76	00	f6	f2	00	72
2012/06/26	22:41:28.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2012/06/26	22:41:48.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/06/26	22:41:50.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/06/26	22:41:52.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2012/06/26	22:41:54.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/06/26	22:41:56.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da				
2012/06/26	22:41:58.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05			
2012/06/26	22:42:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/06/26	23:03:54.0	XRT_CTRL_MANU_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/06/26	23:04:00.0	AOCS_ORe-point_Start_14_OG [0x0a4]	AOCU_NM	5	02-76	00	ee	0d	00	72
2012/06/26	23:06:28.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2012/06/26	23:06:48.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/06/26	23:06:50.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/06/26	23:06:52.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2012/06/26	23:06:54.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/06/26	23:06:56.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da				
2012/06/26	23:06:58.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05			
2012/06/26	23:07:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/06/26	23:36:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/06/26	23:36:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da				
2012/06/26	23:36:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/06/26	23:39:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/06/27	00:00:01.0	XRT_TCIB_XRT_S_HTR_A_ENA_436_OG [0x1b4]	TCIB_XRT_S_HTR_A_ENA	0	04-BC					
2012/06/27	00:07:30.0	AOCS_ORe-point_Start_15_OG [0x0a5]	AOCU_NM	5	02-76	00	e5	27	00	72
2012/06/27	00:32:30.0	AOCS_ORe-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	00	dc	42	00	72
2012/06/27	01:46:00.0	AOCS_ORe-point_Start_17_OG [0x0a7]	AOCU_NM	5	02-76	00	d3	65	00	72
2012/06/27	02:11:00.0	AOCS_ORe-point_Start_18_OG [0x0a8]	AOCU_NM	5	02-76	00	ca	7f	00	72
2012/06/27	03:24:30.0	AOCS_ORe-point_Start_19_OG [0x0a9]	AOCU_NM	5	02-76	00	c1	9a	00	72
2012/06/27	03:49:30.5	AOCS_ORe-point_Start_20_OG [0x0aa]	AOCU_NM	5	02-76	00	b8	b5	00	72
2012/06/27	05:03:00.0	AOCS_ORe-point_Start_21_OG [0x0ab]	AOCU_NM	5	02-76	00	af	cf	00	72
2012/06/27	05:30:00.0	AOCS_ORe-point_Start_22_OG [0x0ac]	AOCU_NM	5	02-76	01	fe	36	05	b2
2012/06/27	06:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	03	00	00	00	00
2012/06/27	08:00:00.0	AOCS_ORe-point_Start_23_OG [0x0ad]	AOCU_NM	5	02-76	04	00	00	00	00
2012/06/27	11:00:00.0	AOCS_ORe-point_Start_24_OG [0x0ae]	AOCU_NM	5	02-76	00	00	00	00	00
2012/06/27	13:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	03	00	00	00	00
2012/06/28	00:00:01.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1				

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2012/06/28	00:00:03.0	XRT_TCIB_XRT_S_HTR_A_DIS_437_OG [0x1b5]							
		TCIB_XRT_S_HTR_A_DIS	0	04-C0					
2012/06/28	05:56:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0 c1					
2012/06/28	05:56:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00					
2012/06/28	05:57:00.0	AOCS_Ore-point_Start_24_OG [0x0ae]							
		AOCU_NM	5	02-76 00 00 00 00 00					
2012/06/28	05:57:16.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0 d9					
2012/06/28	05:57:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0 c9					
2012/06/28	05:57:20.0	XRT_ARS_DIS_438_OG [0x1b6]							
		MDP_XRT_ARS_DIS	1	07-F0 d5					
2012/06/28	05:59:58.0	XRT_QT_PROG_SET_435_OG [0x1b3]							
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 0e					
2012/06/28	06:00:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0 c0					
2012/06/28	06:06:54.0	XRT_CTRL_MANU_407_OG [0x197]							
		MDP_XRT_CTRL_MANU	1	07-F0 c1					
2012/06/28	06:07:00.0	AOCS_Ore-point_Start_25_OG [0x0af]							
		AOCU_NM	5	02-76 00 2e f9 2e f9					
2012/06/28	06:09:32.0	XRT_FOCUS_POSITION_447_OG [0x1bf]							
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00					
2012/06/28	06:09:52.0	XRT_QT_PROG_SET_448_OG [0x1c0]							
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 09					
2012/06/28	06:09:54.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0 d9					
2012/06/28	06:09:56.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0 c9					
2012/06/28	06:09:58.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0 d5					
2012/06/28	06:10:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0 c0					
2012/06/28	06:16:54.0	XRT_CTRL_MANU_407_OG [0x197]							
		MDP_XRT_CTRL_MANU	1	07-F0 c1					
2012/06/28	06:17:00.0	AOCS_Ore-point_Start_26_OG [0x0b0]							
		AOCU_NM	5	02-76 00 2e f9 d1 07					
2012/06/28	06:19:32.0	XRT_FOCUS_POSITION_447_OG [0x1bf]							
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00					
2012/06/28	06:19:52.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 0c					
2012/06/28	06:19:54.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0 d9					
2012/06/28	06:19:56.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0 c9					
2012/06/28	06:19:58.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0 d5					
2012/06/28	06:20:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0 c0					
2012/06/28	06:26:54.0	XRT_CTRL_MANU_407_OG [0x197]							
		MDP_XRT_CTRL_MANU	1	07-F0 c1					
2012/06/28	06:27:00.0	AOCS_Ore-point_Start_27_OG [0x0b1]							
		AOCU_NM	5	02-76 00 d1 07 d1 07					
2012/06/28	06:29:32.0	XRT_FOCUS_POSITION_447_OG [0x1bf]							
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00					
2012/06/28	06:29:52.0	XRT_QT_PROG_SET_432_OG [0x1b0]							
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 11					
2012/06/28	06:29:54.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0 d9					
2012/06/28	06:29:56.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0 c9					
2012/06/28	06:29:58.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0 d5					
2012/06/28	06:30:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0 c0					
2012/06/28	06:34:54.0	XRT_CTRL_MANU_407_OG [0x197]							
		MDP_XRT_CTRL_MANU	1	07-F0 c1					
2012/06/28	06:35:00.0	AOCS_Ore-point_Start_28_OG [0x0b2]							
		AOCU_NM	5	02-76 00 d1 07 2e f9					
2012/06/28	06:37:32.0	XRT_FOCUS_POSITION_447_OG [0x1bf]							
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00					
2012/06/28	06:37:52.0	XRT_QT_PROG_SET_426_OG [0x1aa]							
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 0f					
2012/06/28	06:37:54.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0 d9					
2012/06/28	06:37:56.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0 c9					
2012/06/28	06:37:58.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0 d5					
2012/06/28	06:38:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0 c0					
2012/06/28	06:41:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0 c1					
2012/06/28	06:41:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0 da					
2012/06/28	06:41:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0 e8					
2012/06/28	06:44:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0 e9					
2012/06/28	06:46:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0 c1					
2012/06/28	06:46:56.0	XRT_FOCUS_RECALIBRATE_429_OG [0x1ad]							

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2012/06/28	06:47:00.0	AOCS_ORe-point_Start_1_OG [0x097]	XRT_FOCUS_RECAL	2	07-F8	78	00
			AOCU_NM	5	02-76	03	00 00 00 00
2012/06/28	06:50:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2012/06/28	06:51:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2012/06/28	06:51:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2012/06/28	06:51:20.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2012/06/28	06:51:22.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2012/06/28	06:51:24.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/06/28	06:51:26.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b
2012/06/28	06:51:28.0	XRT_FL_PROG_SET_449_OG [0x1c1]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2012/06/28	07:18:00.0	XRT_Custom_418_OG [0x1a2]					
2012/06/28	07:19:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/06/28	07:59:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/06/28	08:00:00.0	AOCS_ORe-point_Start_29_OG [0x0b3]	AOCU_NM	5	02-76	02	00 00 00 00
2012/06/28	08:21:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/06/28	08:21:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/06/28	08:21:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/06/28	08:24:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/06/28	10:35:00.0	AOCS_ORe-point_Start_24_OG [0x0ae]	AOCU_NM	5	02-76	00	00 00 00 00