

# XRT Timeline to be uploaded on 2019/01/12

Period: 2019/01/12 10:17:00 - 2019/01/22 11:00:00

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Normal mode

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## XOB #1BBA: AR - Standard Core - (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Al/poly context, with

Term	Pointing (x, y)	Comment
01/12 10:30:00 - 01/12 14:36:30	Track ( 356.0, 247.0) <sup>® 01/12 10:27:00</sup>	# OP start + 10min. AR remnant.
<b>PROG= 18 Inf.-time(s)</b>		
Subr= 1 1-time(s) 2.0sec		
Seqn= 92 1-time(s) 2.0sec		
Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 384x384 (1064, 1048)	DPCM 0 0 2.0sec
Open/G-band	Open/G-band close Safe Norm 1ms Obs 1x1 384x384 (1064, 1048)	DPCM 0 0 2.0sec
Open/Ti-poly	Open/thick-Al close Safe Dark 16.0s Obs 1x1 384x384 (1064, 1048)	Q=98 0 0 2.0sec
Subr= 2 5-time(s) 2.0sec		
Seqn= 75 1-time(s) 2.0sec		
Al-poly/Open	thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048)	Q=95 2 0 2.0sec
Al-poly/Open	thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 0 2.0sec
thin-Be/Open	med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 2 0 2.0sec
thin-Be/Open	med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 0 2.0sec
Seqn= 96 4-time(s) 120.0sec		
Al-poly/Open	thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048)	Q=95 1 0 2.0sec
thin-Be/Open	med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 1 0 2.0sec
Al-poly/Open	thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048)	Q=95 1 1 2.0sec
thin-Be/Open	med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 1 1 2.0sec
Al-poly/Open	thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048)	Q=95 1 2 2.0sec
thin-Be/Open	med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 1 2 2.0sec
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval	

## XOB #1BB8: AR Standard-A(Filter-Ratio with Al/poly and thin-Be) with PFB, 384x384 at 1064 1048, thin-Be, thick-Al, Al/Poly context, with G-band (1ms/1ms)

Term	Pointing (x, y)	Comment
01/12 14:43:00 - 01/12 16:07:30	Track ( 356.0, 247.0) <sup>® 01/12 10:27:00</sup>	# OP start + 10min. AR remnant.
01/12 22:33:00 - 01/13 01:59:54	Track ( 457.1, 244.2) <sup>® 01/12 22:30:00</sup>	# AR obs.
<b>PROG= 08 Inf.-time(s)</b>		
Subr= 1 1-time(s) 2.0sec		
Seqn= 92 1-time(s) 2.0sec		
Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 384x384 (1064, 1048)	DPCM 0 0 2.0sec
Open/G-band	Open/G-band close Safe Norm 1ms Obs 1x1 384x384 (1064, 1048)	DPCM 0 0 2.0sec
Open/Ti-poly	Open/thick-Al close Safe Dark 16.0s Obs 1x1 384x384 (1064, 1048)	Q=98 0 0 2.0sec
Seqn= 42 3-time(s) 2.0sec		
Al-poly/Open	thin-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 0 2.0sec
thin-Be/Open	med-Be/Open close Safe Norm 5.66s Obs 1x1 512x512 (1064, 1048)	Q=95 3 0 2.0sec
Open/thick-Al	Open/thick-Al close Safe Norm 16.0s Obs 1x1 384x384 (1064, 1048)	Q=95 3 0 2.0sec
Seqn= 32 30-time(s) 120.0sec		
thin-Be/Open	med-Be/Open close Safe Norm 1.00s Obs 1x1 384x384 (1064, 1048)	Q=95 3 0 2.0sec
Al-poly/Open	thin-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 0 34.0sec
thin-Be/Open	med-Be/Open close Safe Norm 1.00s Obs 1x1 384x384 (1064, 1048)	Q=95 3 1 2.0sec
Al-poly/Open	thin-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 1 34.0sec
thin-Be/Open	med-Be/Open close Safe Norm 1.00s Obs 1x1 384x384 (1064, 1048)	Q=95 3 2 2.0sec
Al-poly/Open	thin-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 2 2.0sec
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval	

## XOB #1C14: CME watch - 4x4 - AEC 2 - Al-poly - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 30s cad

Term	Pointing (x, y)	Comment
01/12 16:33:00 - 01/12 19:14:51	Track ( 371.4, 162.8) <sup>® 01/12 16:30:00</sup>	# VLA observations of AR remnant.
<b>PROG= 07 Inf.-time(s)</b>		
Subr= 1 180-time(s) 30.0sec		
Seqn= 31 1-time(s) 4.0sec		
Al-poly/Open	thin-Be/Open close Safe Norm 500ms Obs 4x4 2048x2048 (1024, 1024)	Q=98 2 0 2.0sec
Subr= 2 1-time(s) 2.0sec		
Seqn= 30 1-time(s) 2.0sec		
Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 512x512 (1024, 1024)	Q=90 0 0 2.0sec
Open/G-band	Open/G-band close Safe Norm 1ms Obs 1x1 512x512 (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 #1C13: Synoptic 7 Filter w/ Al-mesh(512/2048/4096), Al-poly(512/4096/8192), Thin-Be(3897/16384/32768) - Thick-Be(65536), Al-poly+Ti-poly(4096/23142)

Term	Pointing (x, y)	Comment
01/12 19:45:24 - 01/12 19:54:54	Fixed ( 0.0, 0.0)	# VLA observations + XRT synoptic.
01/13 05:53:24 - 01/13 06:02:50	Fixed ( 0.0, 0.0)	synoptic, shifted -7.0 min
<b>PROG= 10 1-time(s)</b>		
Subr= 1 1-time(s) 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
<b>Seqn= 12 1-time(s) 2.0sec</b>												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 82 1-time(s) 2.0sec</b>												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 52 1-time(s) 2.0sec</b>												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	16.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 23 1-time(s) 4.0sec</b>												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Subr= 2 1-time(s) 2.0sec</b>												
<b>Seqn= 46 1-time(s) 2.0sec</b>												
Open/thick-Be	Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
<b>Seqn= 17 1-time(s) 2.0sec</b>												
med-Al/Open	med-Al/Open	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
med-Al/Open	med-Al/Open	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
<b>Seqn= 97 1-time(s) 2.0sec</b>												
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (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	

<b>XOB #1C23: CME watch - 4x4 - AEC 1/2 - Al-poly - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 30s cad (G-band/Leak first)</b>												
Term		Pointing (x, y)				Comment						
01/12 19:58:00 - 01/12 22:29:54		Fixed ( 0.0, 0.0)				# VLA observations + XRT synoptic.						
<b>PROG= 17 Inf.-time(s)</b>												
<b>Subr= 1 1-time(s) 2.0sec</b>												
<b>Seqn= 30 1-time(s) 2.0sec</b>												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
<b>Subr= 2 1-time(s) 2.0sec</b>												
<b>Seqn= 7 120-time(s) 30.0sec</b>												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	1	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

<b>XOB #1C00: HOP349 - 3-filter Synoptics (Al-mesh[512/2048/4096], Al-poly[512/4096/8192], thin-Be[3897/16384/32768] with 512x512 G-band+Leak - 90 min cad)</b>												
Term		Pointing (x, y)				Comment						
01/13 02:03:00 - 01/13 05:52:54		Fixed ( 0.0, 0.0)				# HOP 349 at disk center.						
<b>PROG= 04 Inf.-time(s)</b>												
<b>Subr= 1 1-time(s) 300.0sec</b>												
<b>Seqn= 12 1-time(s) 2.0sec</b>												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 82 1-time(s) 2.0sec</b>												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 52 1-time(s) 2.0sec</b>												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	16.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 30 1-time(s) 2.0sec</b>												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
<b>Subr= 2 18-time(s) 300.0sec</b>												
<b>Seqn= 8 1-time(s) 2.0sec</b>												
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
<b>Seqn= 6 1-time(s) 2.0sec</b>												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	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>Seqn= 29 1-time(s) 2.0sec</b>												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	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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<b>XOB #1B8E: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Al/thick), AEC 3(thin-Be AEC2), 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512x512)</b>												
Term		Pointing (x, y)				Comment						

01/12 10:30:00 - 01/12 14:36:30 Track ( 356.0, 247.0) @ 01/12 10:27:00 # OP start + 10min. AR remnant.  
01/12 14:43:00 - 01/12 16:07:30 Track ( 356.0, 247.0) @ 01/12 10:27:00 # OP start + 10min. AR remnant.  
01/12 16:33:00 - 01/12 19:14:51 Track ( 371.4, 162.8) @ 01/12 16:30:00 # VLA observations of AR remnant.  
01/12 19:58:00 - 01/12 22:29:54 Fixed ( 0.0, 0.0) # VLA observations + XRT synoptic.  
01/12 22:33:00 - 01/13 01:59:54 Track ( 457.1, 244.2) @ 01/12 22:30:00 # AR obs.  
01/13 02:03:00 - 01/13 05:52:54 Fixed ( 0.0, 0.0) # HOP 349 at disk center.

**PROG= 13 30-time(s)**

Subr= 1		20-time(s)	2.0sec											
Seqn= 11		1-time(s)	2.0sec											
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec		
Seqn=100		1-time(s)	10.0sec											
thin-Be/Open	med-Be/Open	close	Safe	Norm	125ms	Obs	1x1	384x384 (1024, 1024)	Q=95	2	0	2.0sec		
med-Be/Open	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec		
Open/thick-Al	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec		
Subr= 2		1-time(s)	2.0sec											
Seqn= 10		1-time(s)	2.0sec											
med-Al/Open	med-Al/thick-Al	close	Safe	Norm	500ms	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= 11		1-time(s)	2.0sec											
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec		
Seqn= 87		1-time(s)	2.0sec											
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec		
Open/G-band	Open/G-band	close	Safe	Norm	1ms	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		
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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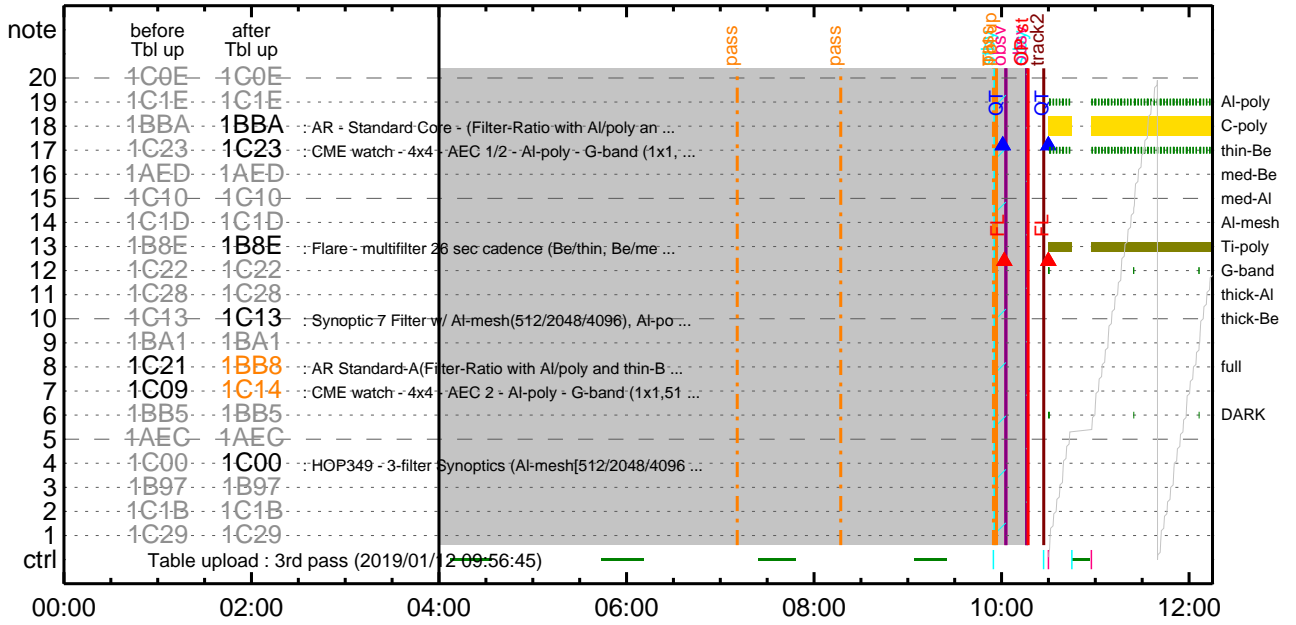
**Flare Detection**

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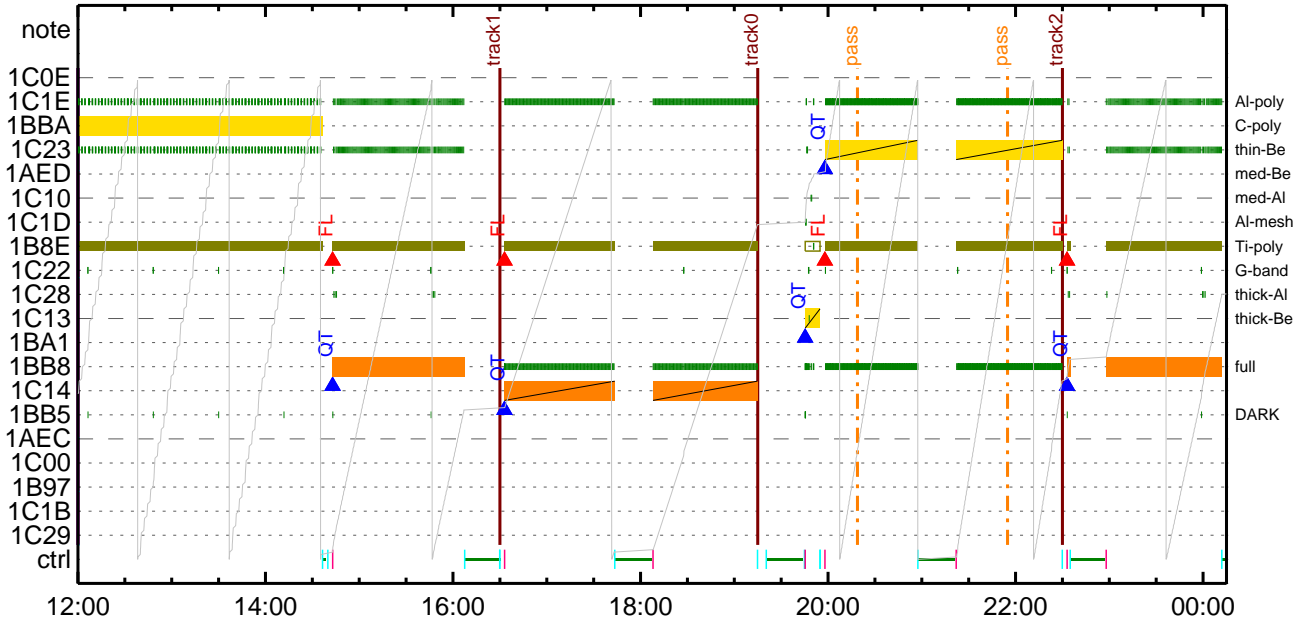
**FLD Patrol**

Term	Pointing (x, y)				Comment								
01/12 19:55:18 - 01/13 05:53:16	Fixed (	0.0,	0.0)		# VLA observations + XRT synoptic.								
Al-poly/Open	Al-poly/Open	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		

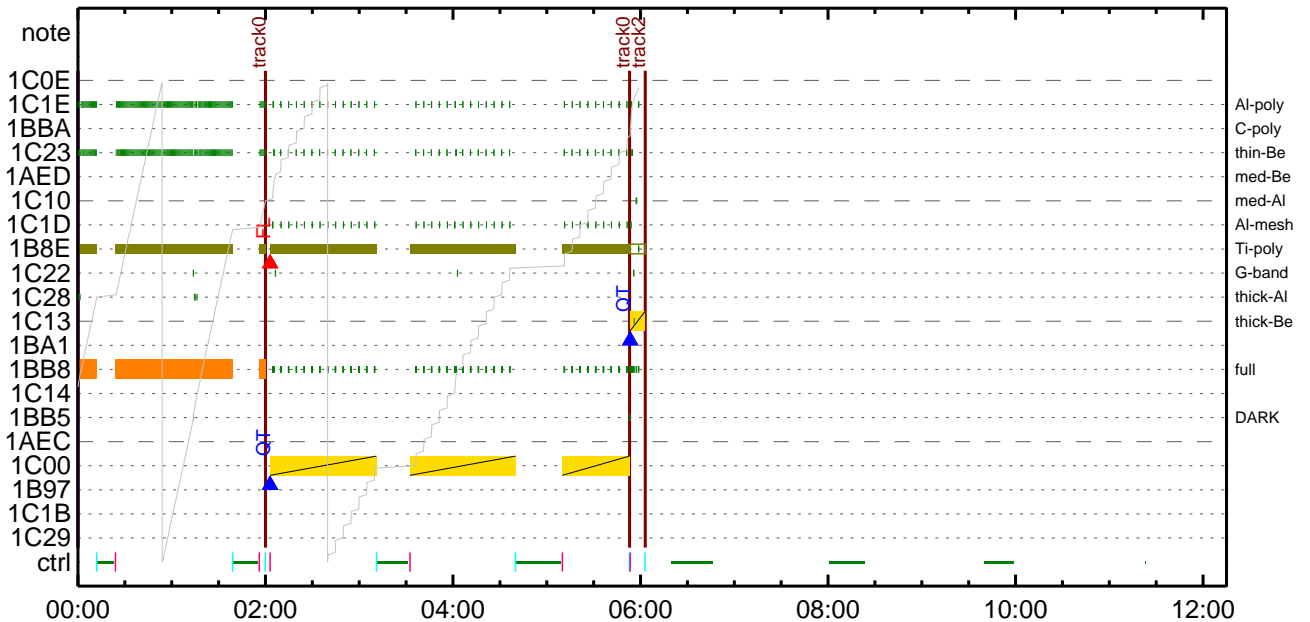
### CMDI #0003 2019/01/12



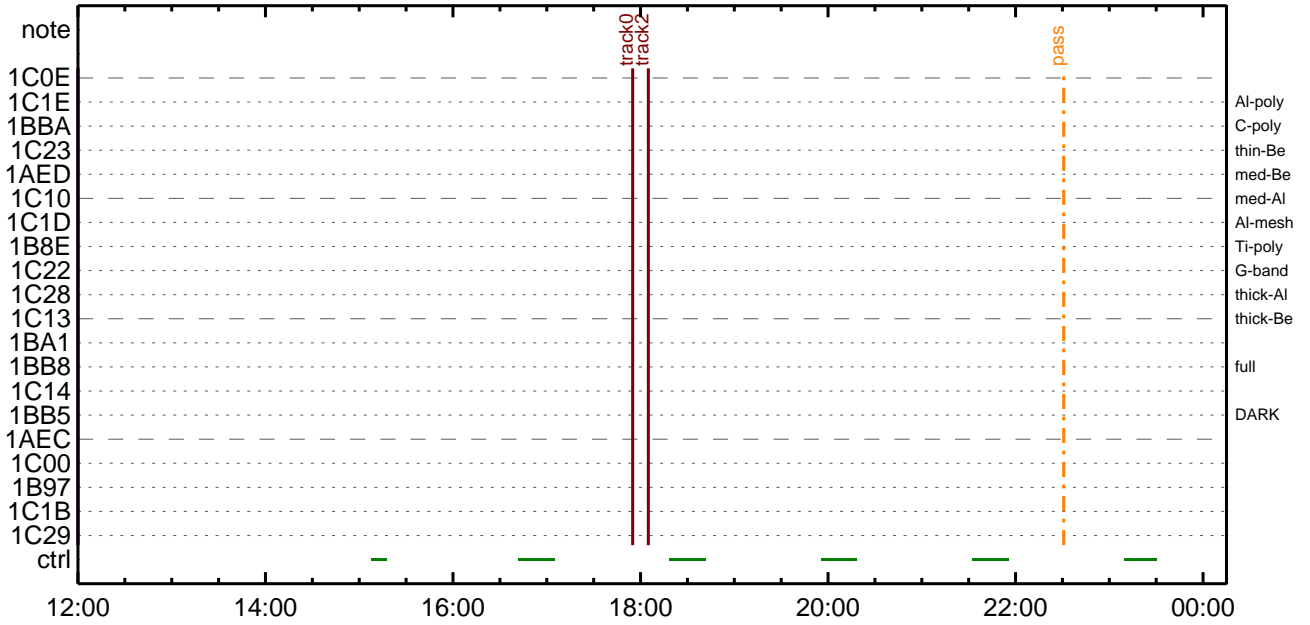
### CMDI #0003 2019/01/12



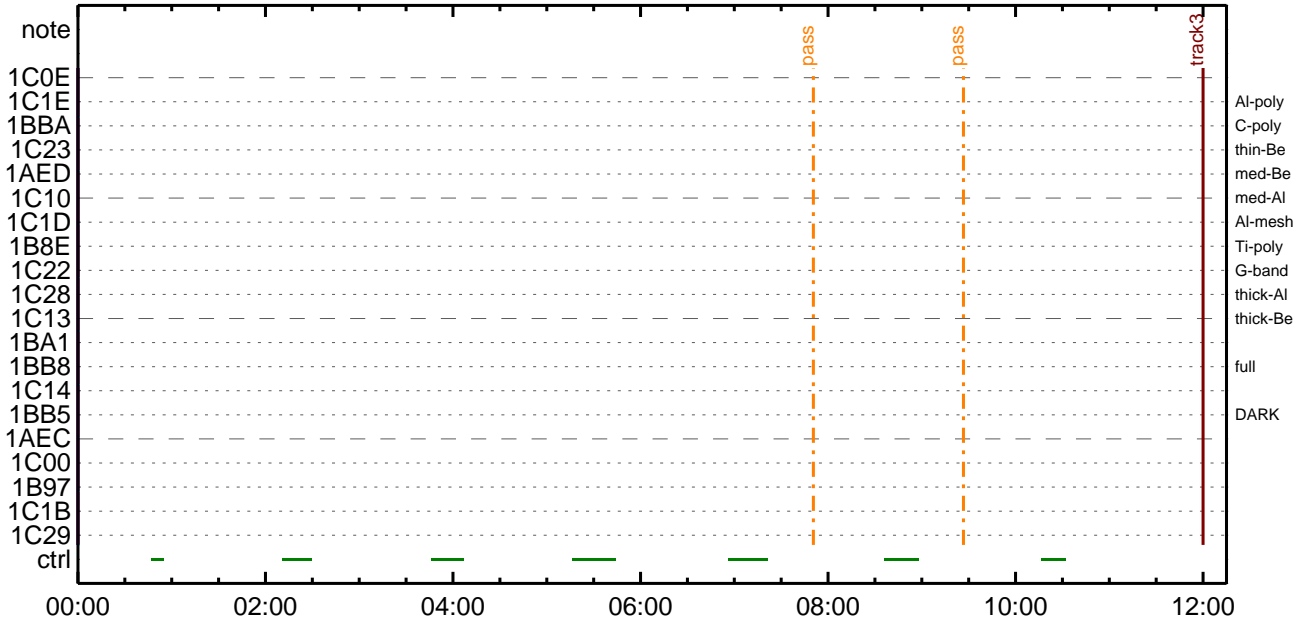
### CMDI #0003 2019/01/13



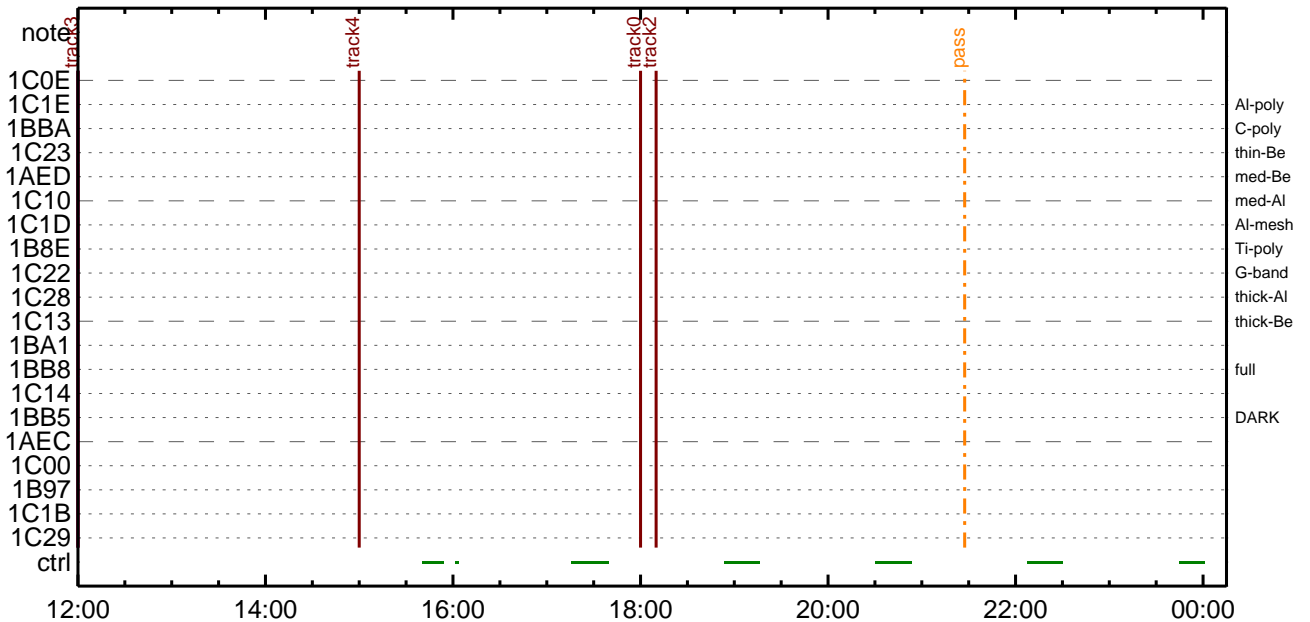
CMDI #0003 2019/01/13



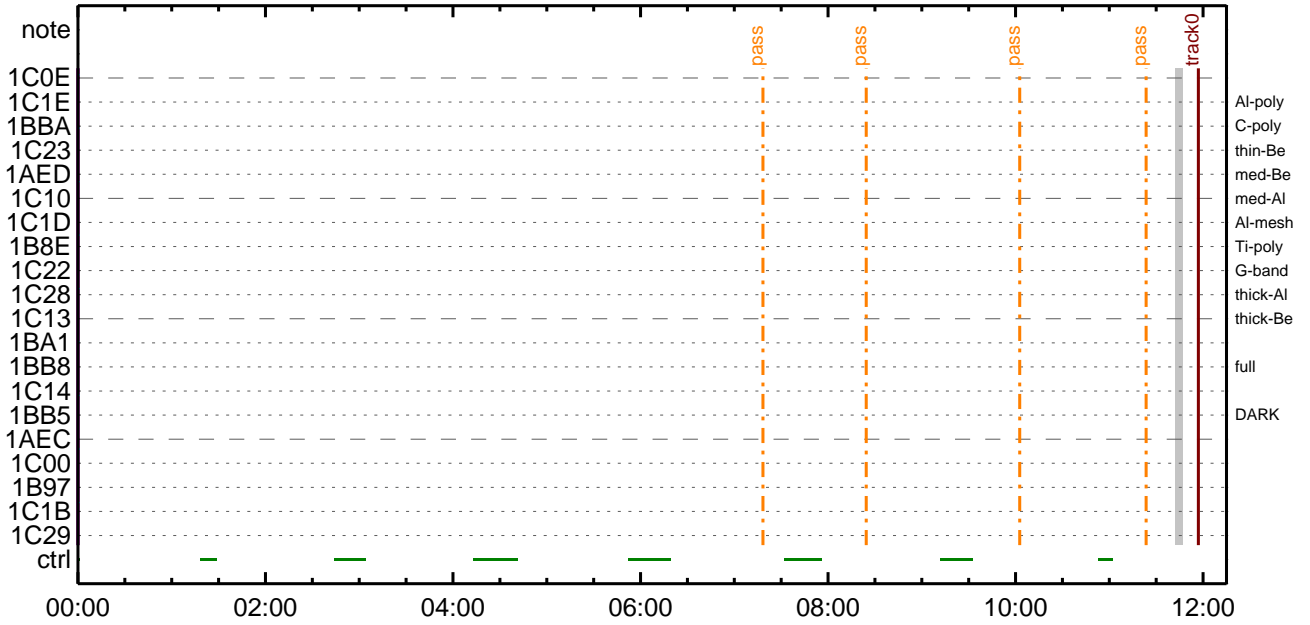
CMDI #0003 2019/01/14



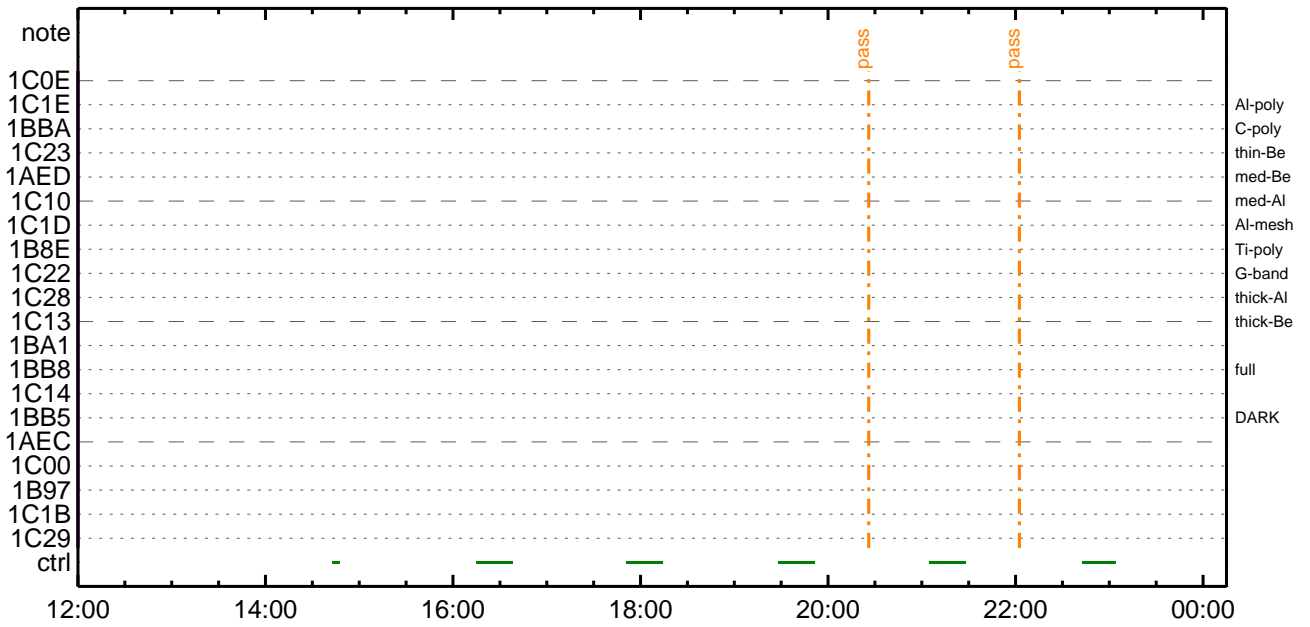
CMDI #0003 2019/01/14



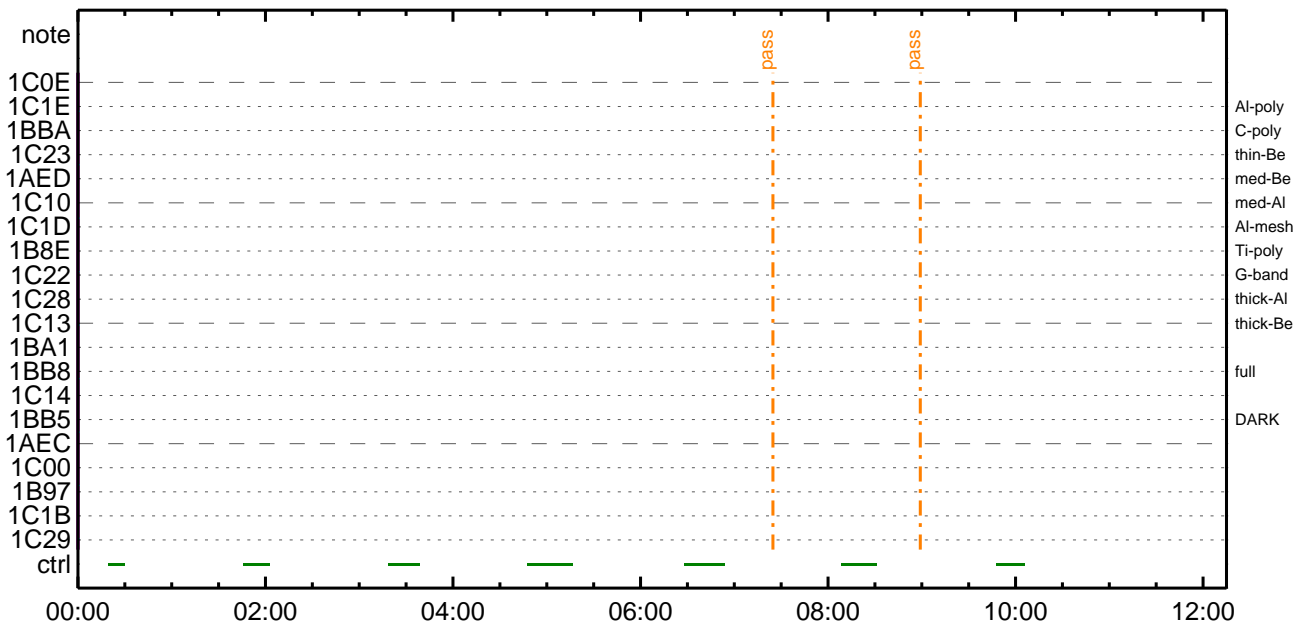
CMDI #0003 2019/01/15



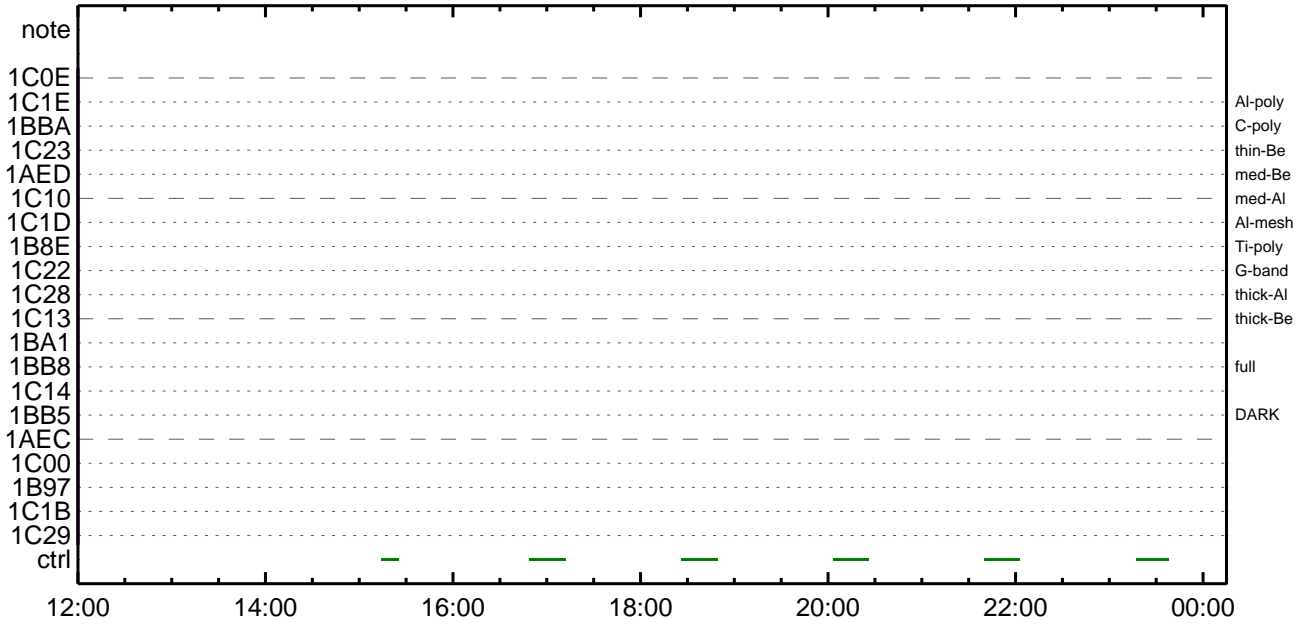
CMDI #0003 2019/01/15



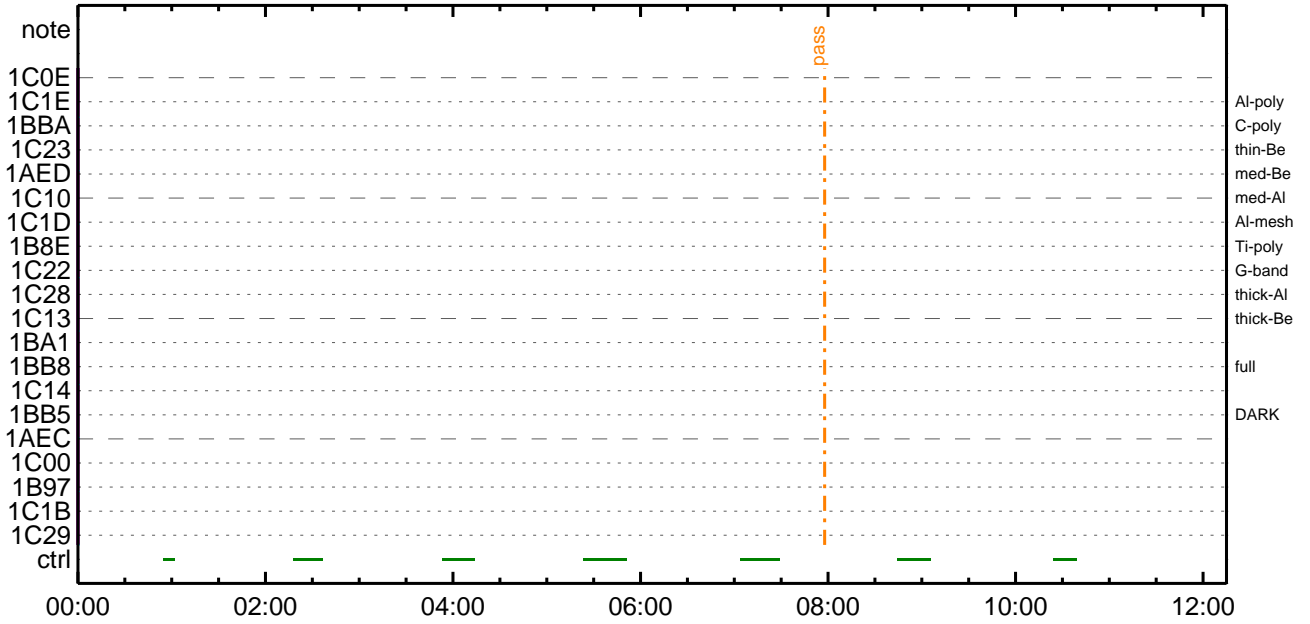
CMDI #0003 2019/01/16



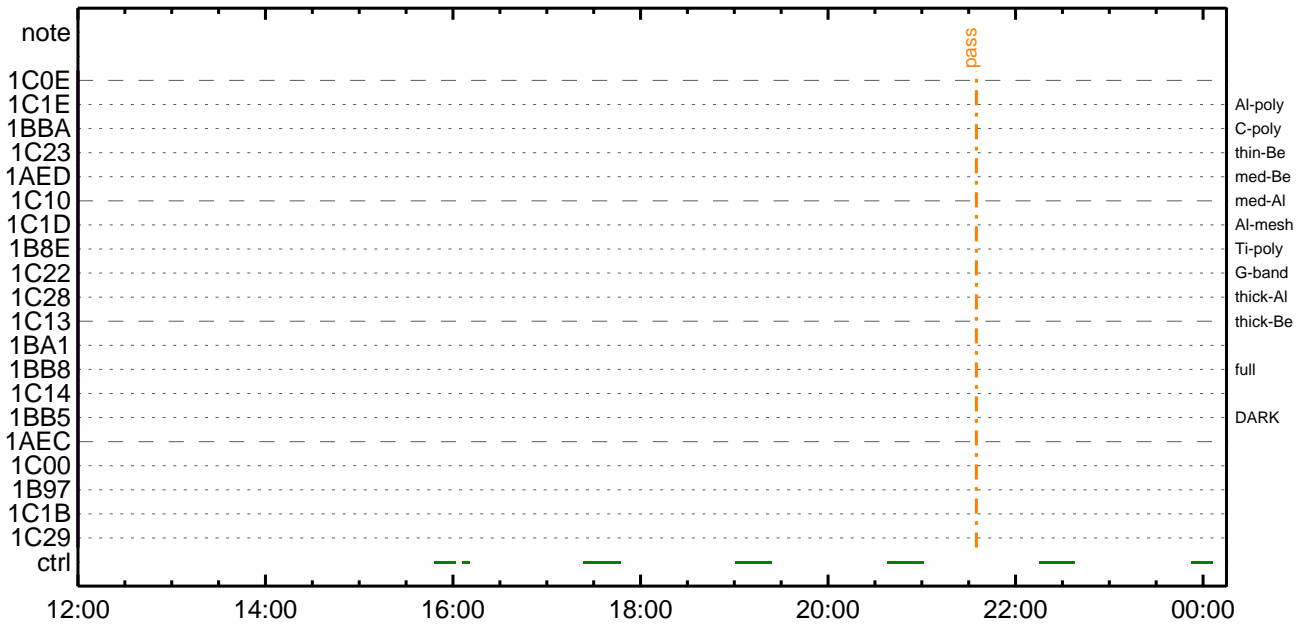
CMDI #0003 2019/01/16



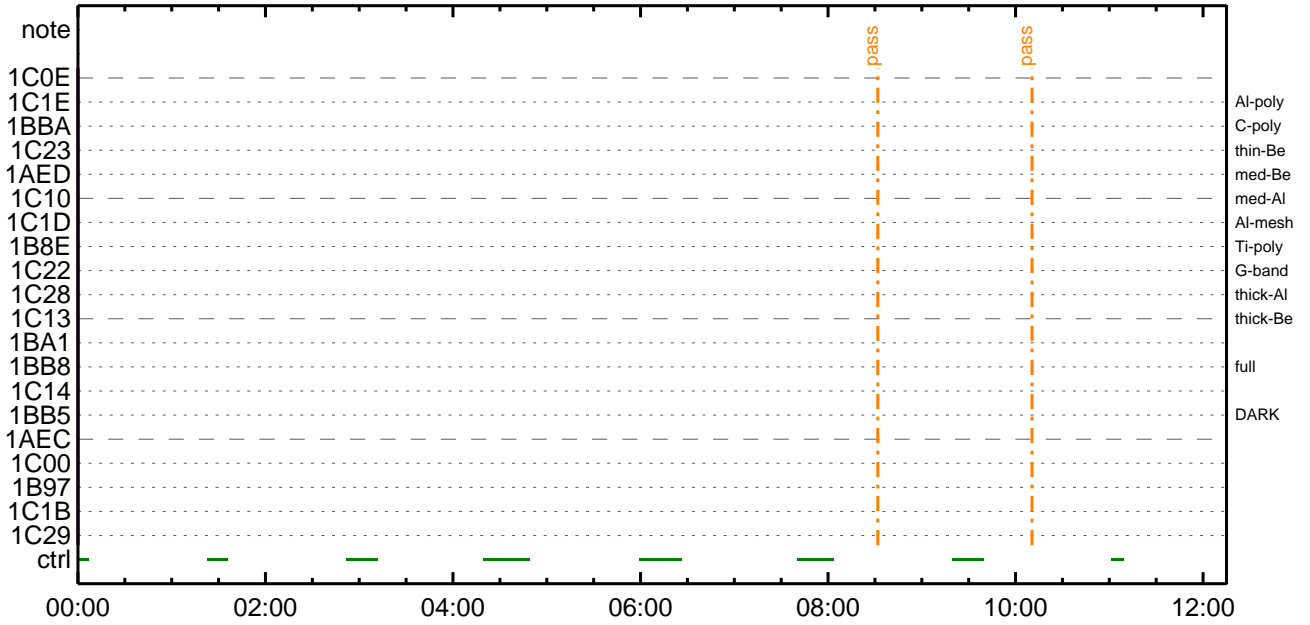
CMDI #0003 2019/01/17



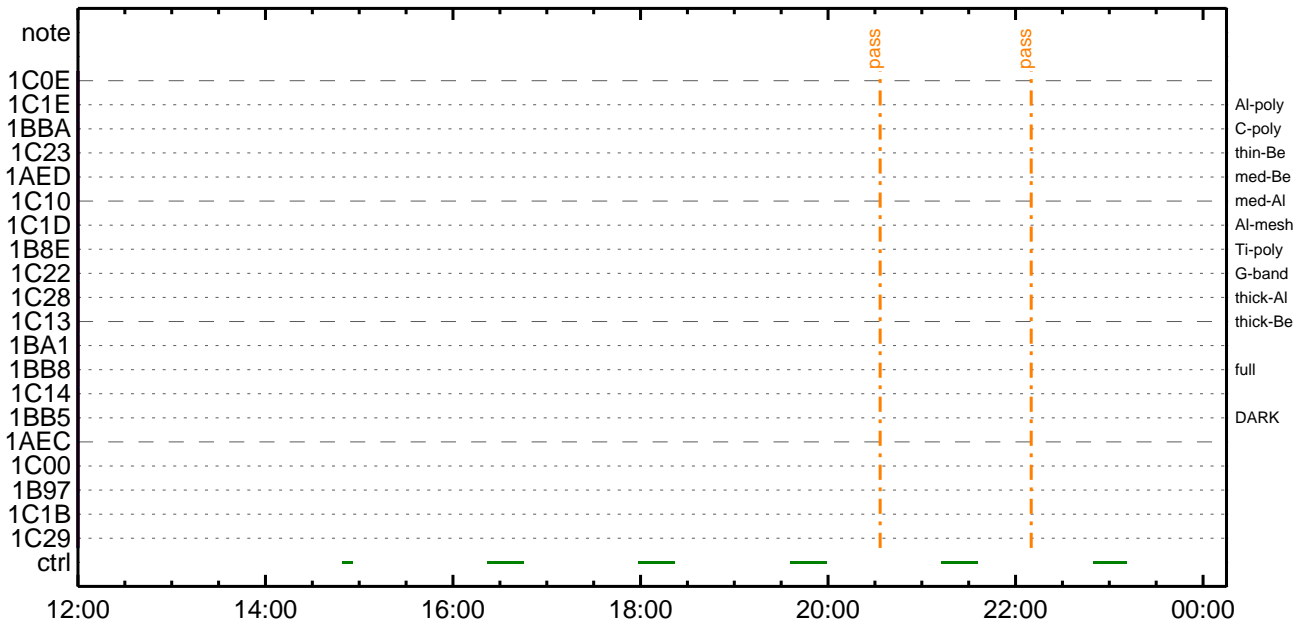
CMDI #0003 2019/01/17



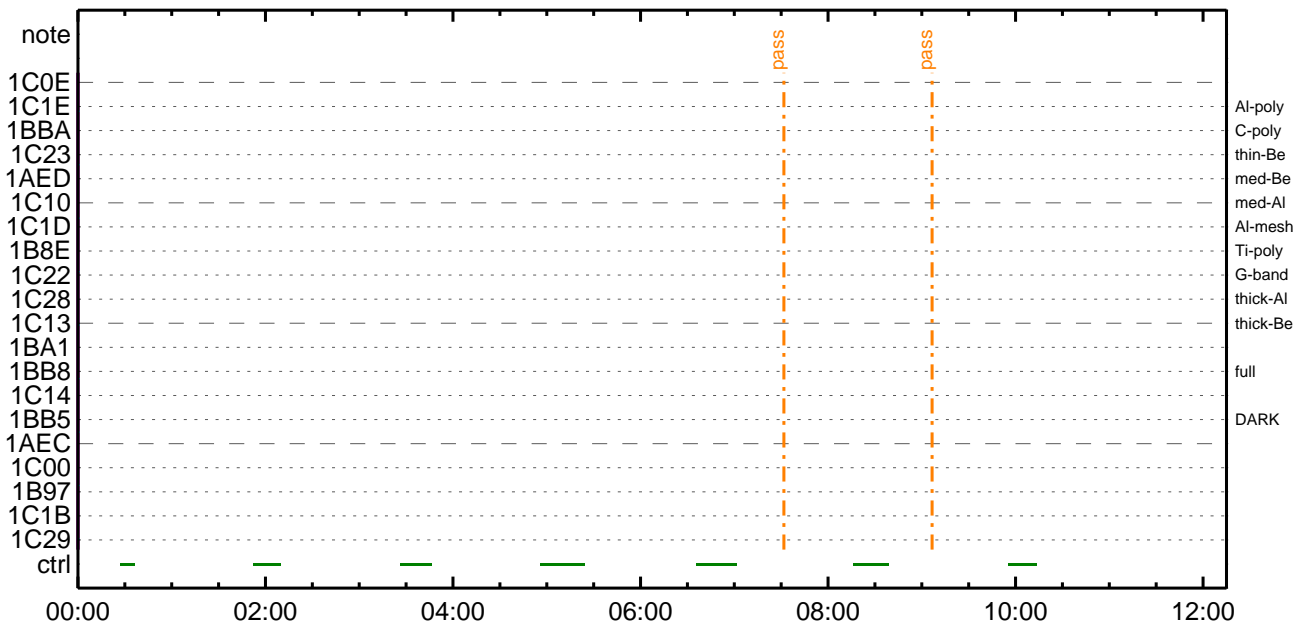
CMDI #0003 2019/01/18



CMDI #0003 2019/01/18

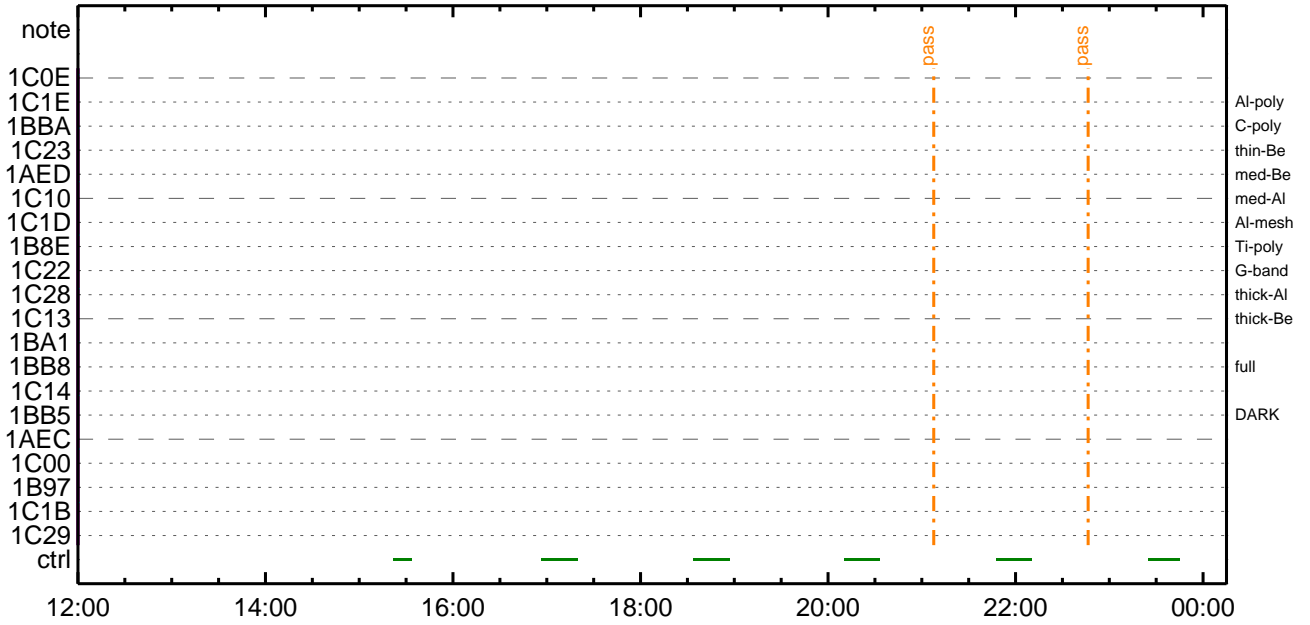


CMDI #0003 2019/01/19

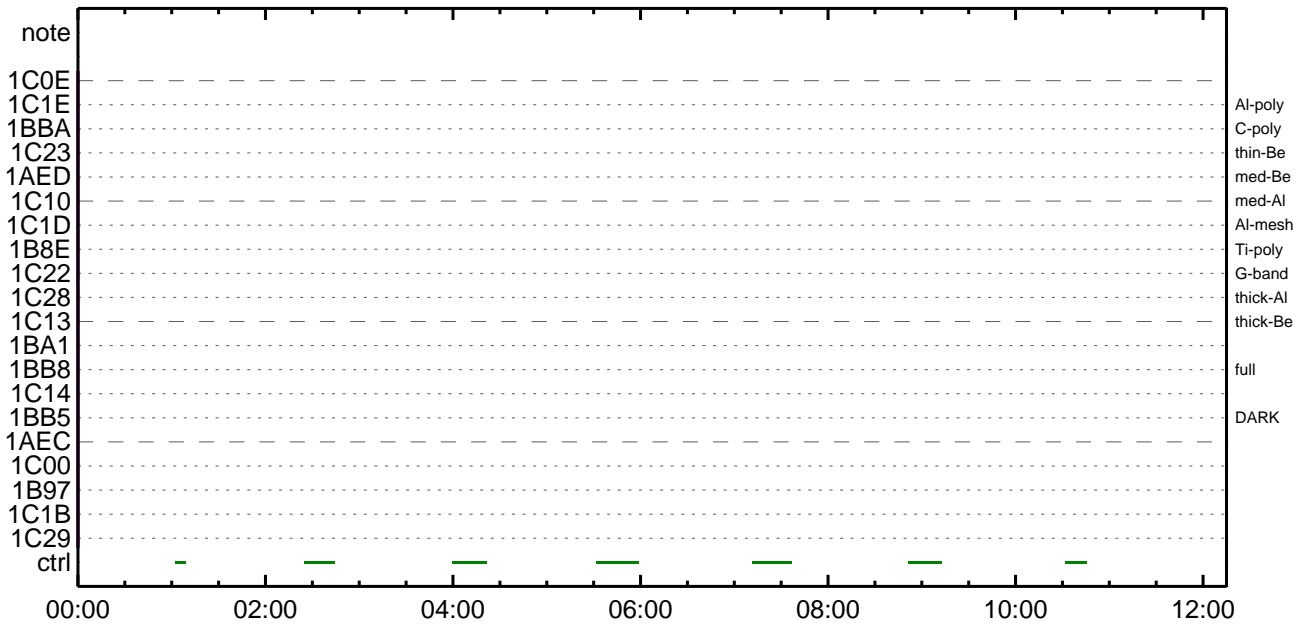




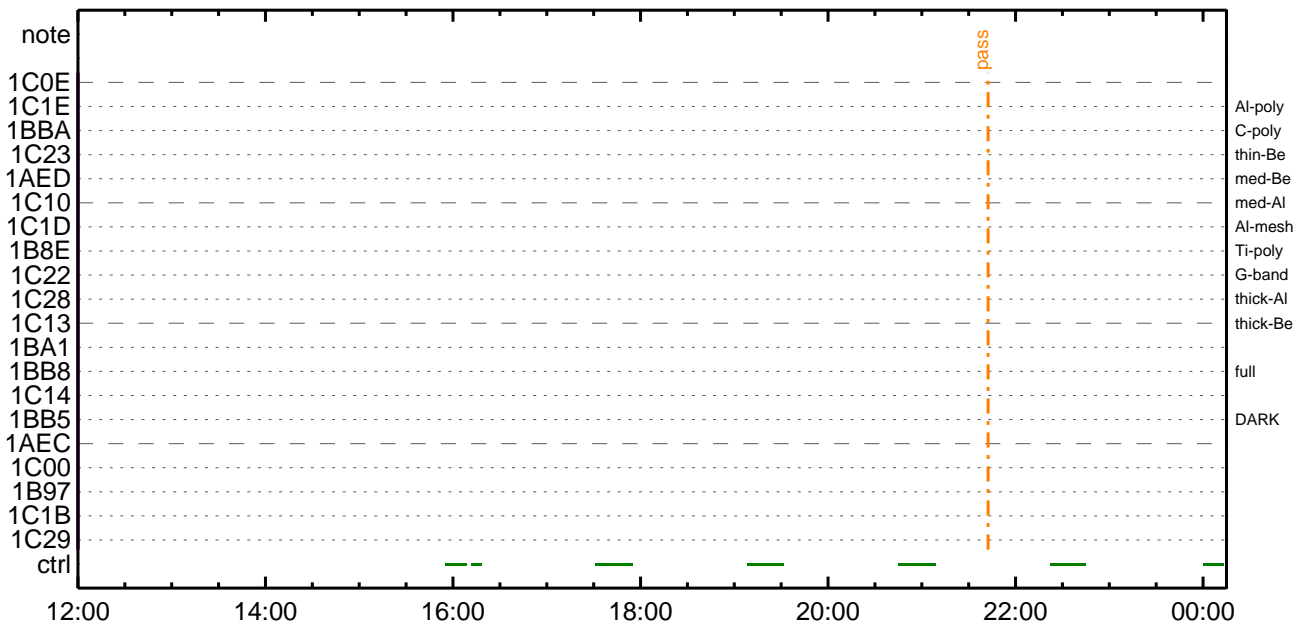
CMDI #0003 2019/01/19



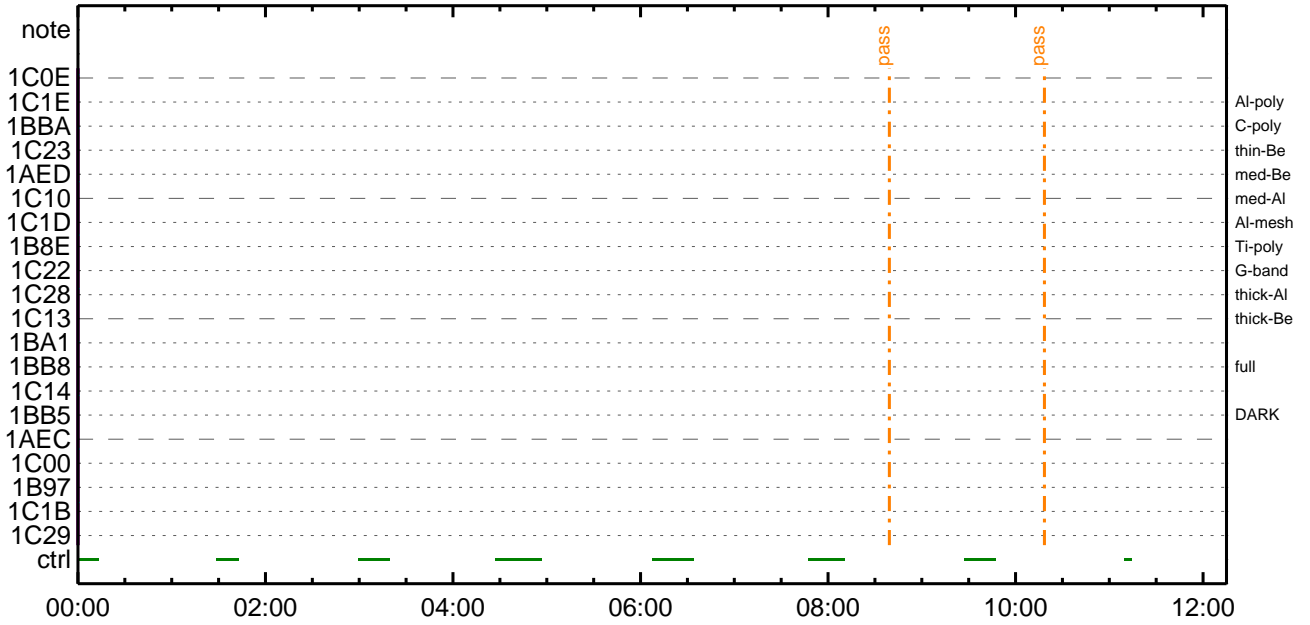
CMDI #0003 2019/01/20



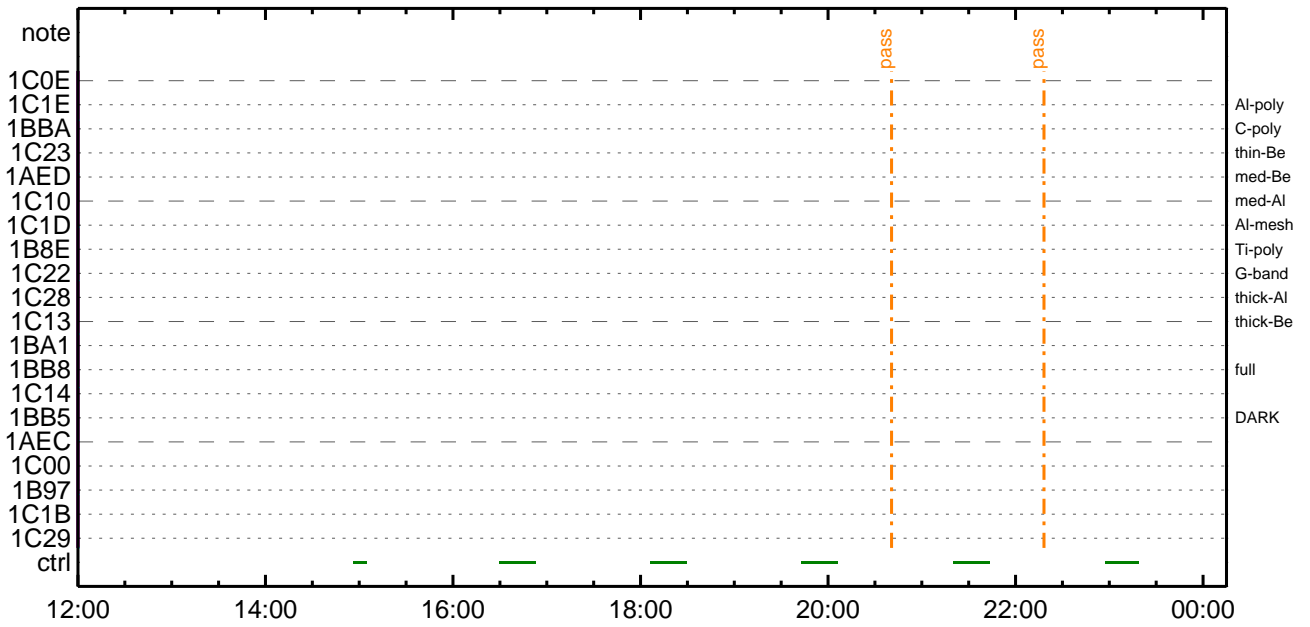
CMDI #0003 2019/01/20



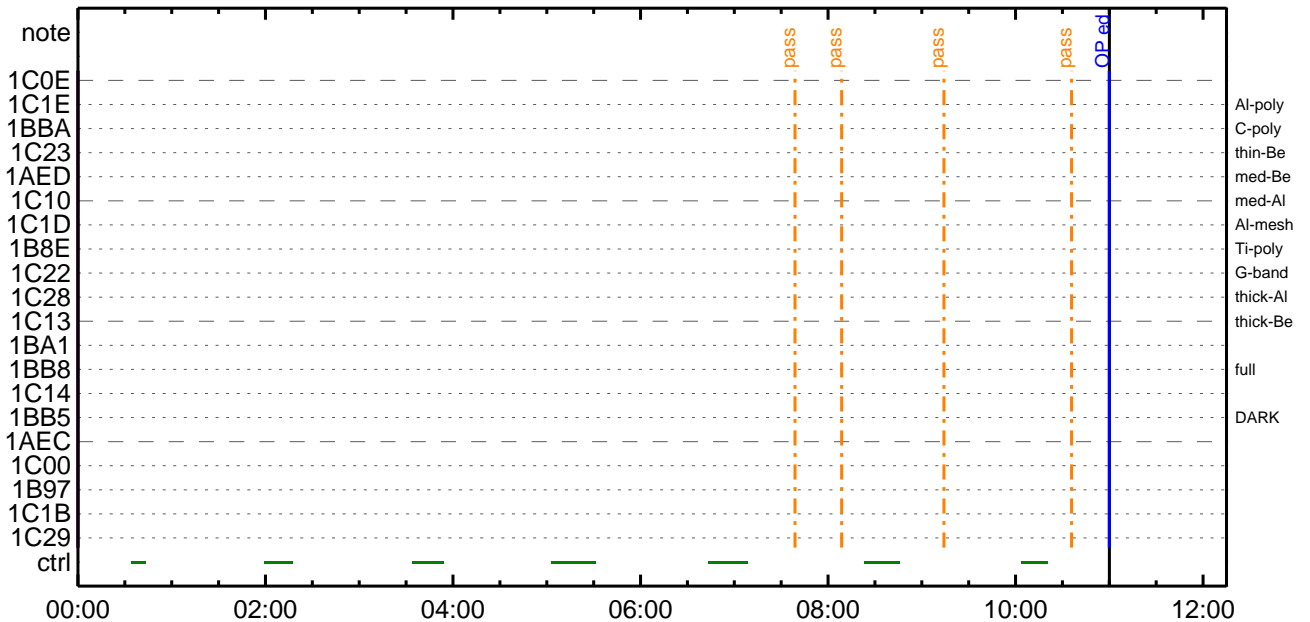
CMDI #0003 2019/01/21



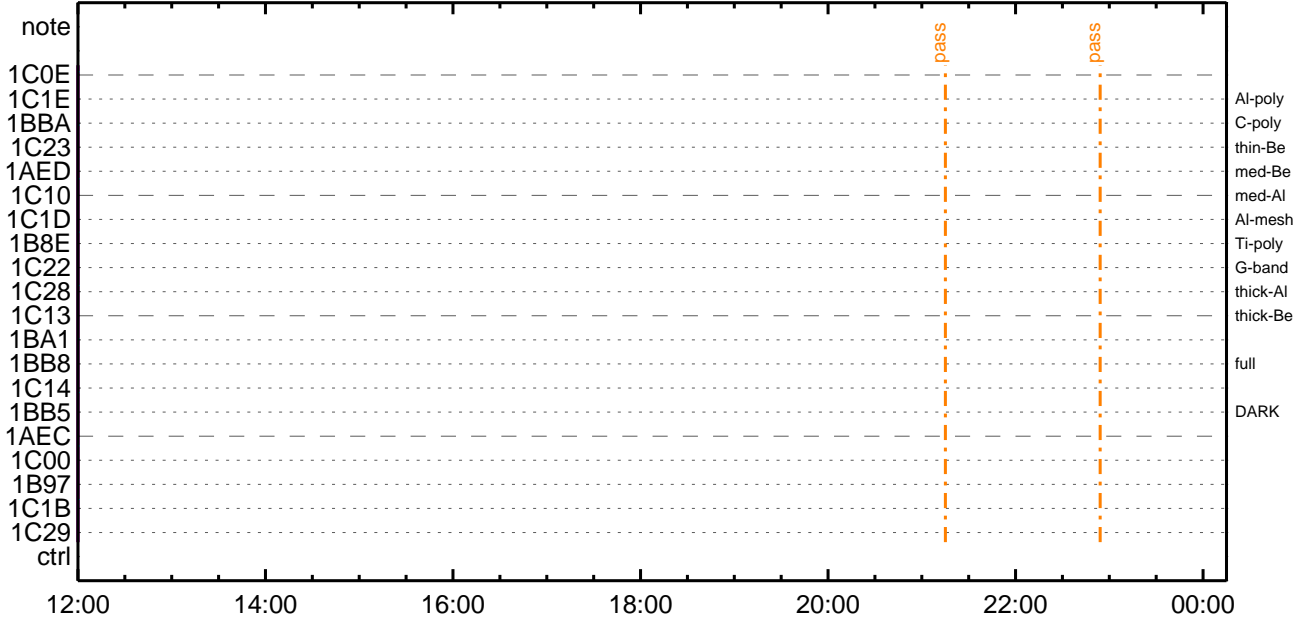
CMDI #0003 2019/01/21



CMDI #0003 2019/01/22



CMDI #0003 2019/01/22







```
0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥ÐŸ!•İ Daily±;İÑøĒ'Øσ¹αēDCBC•x²è *****
0198 . S. DC-BC dcbc-153:DCBC
0199 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0200 C.
0201 C.
0202 . C. ;ãLOS¥Á¥S¥Ã¥~¼Â»Ü;ã
0203 C.
0204 . C. ***** LOS *****
0205 C.
```









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0096 C.
0097 C.
0098 . C. *****
0099 C. SOT table upload
0100 C. *****
0101 . C. < Stop SP table >
0102 +. DC 07-F0 MDP_SP_CTRL_MANU
0103 BC (61)
0104 C. -----
0105 C. MDP_SP_CTRL_MODE = MANU [ ]
0106 C. -----
0107 C.
0108 . C. <Upload SP Observation Table>
0109 . S. RAM ram-282:MDP_OBS_S
0110 ( )
0111 C.
0112 . C. < Dump RAMID=MDP_OBS_S >
0113 +. DC 07-F0 MDP_DUMP_SPTBL
0114 BC (83 07 00 00 00 38 b8)
0115 C. -----
0116 C. MDP_OBS_S verify = OK/NG [ ]
0117 C. -----
0118 C.
0119 C. *****
0120 C. SOT TI command set
0121 C. *****
0122 C. Execute, after the success of TBL upload.
0123 +. TI 2019-01-12 10:16:18.0
0124 DC 07-F0 MDP_SOT_MODE_OBSV
0125 BC (40)
0126 . C. -----
0127 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0128 C. -----
0129 C.
0130 C.
0131 C. ***** XRT START *****
0132 C.
0133 +. DC 07-F0 MDP_XRT_CTRL_MANU
0134 BC (c1)
0135 + DC 07-F0 MDP_XRT_MODE_STBY
0136 BC (c3)
0137 . C. ----- Success Verify ? OK / NG____
0138 C.
0139 C. XRT Obs. Table Upload
0140 . S. RAM ram-291:MDP_OBS_X
0141 ( )
0142 C.
0143 +. DC 07-F0 MDP_DUMP_XRTTBL
0144 BC (84 07 00 00 00 3a d4)
0145 . C. ----- Comparison Check ? OK / ERR ____
0146 C.
0147 C.
0148 +. DC 07-F0 MDP_XRT_ROI_SET
0149 BC (cd 01 b1 b1 04 04)
0150 + DC 07-F0 MDP_XRT_ROI_SET
0151 BC (cd 02 b1 b1 08 08)
0152 + DC 07-F0 MDP_XRT_ROI_SET
0153 BC (cd 03 b1 b1 08 08)
0154 + DC 07-F0 MDP_XRT_ROI_SET
0155 BC (cd 04 b1 b1 06 06)
0156 + DC 07-F0 MDP_XRT_ROI_SET
0157 BC (cd 05 85 83 06 06)
0158 + DC 07-F0 MDP_XRT_ROI_SET
0159 BC (cd 06 85 83 06 06)
0160 + DC 07-F0 MDP_XRT_ROI_SET
0161 BC (cd 07 85 83 08 08)
0162 + DC 07-F0 MDP_XRT_ROI_SET
0163 BC (cd 08 80 80 20 20)
0164 + DC 07-F0 MDP_XRT_ROI_SET
0165 BC (cd 09 80 80 08 08)
0166 + DC 07-F0 MDP_XRT_ROI_SET
0167 BC (cd 0a 80 80 20 08)
0168 + DC 07-F0 MDP_XRT_ROI_SET
0169 BC (cd 0b 80 80 08 20)
0170 + DC 07-F0 MDP_XRT_ROI_SET
0171 BC (cd 0f 80 80 06 06)
0172 + DC 07-F0 MDP_XRT_ROI_SET
0173 BC (cd 10 80 80 08 08)
0174 + DC 07-F0 MDP_XRT_FLD_ENA
0175 BC (d8)
0176 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0177 BC (c8)
0178 + DC 07-F0 MDP_XRT_ARS_DIS
0179 BC (d5)
0180 + DC 07-F0 MDP_XRT_AEC_RESET
0181 BC (d0)
0182 + DC 07-F0 MDP_XRT_FLD_RESET
0183 BC (da)
0184 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0185 BC (c4 12)
0186 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0187 BC (c5 0d)
0188 . C. ----- Success Verify ? OK / NG ____
0189 C.
0190 C.
0191 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0192 C.
0193 +. DC 07-F0 MDP_XRT_MODE_OBSV

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0194 BC (c2)  
0195 +. TI 2019-01-12 10:16:02.0  
0196 DC 07-F0 MDP\_XRT\_MODE\_OBSV  
0197 BC (c2)  
0198 . C. ----- Success Verify ? OK / NG \_\_\_\_  
0199 C.  
0200 C. \*\*\*\*\* XRT END \*\*\*\*\*  
0201 C.  
0202 . C. \*\*\*\*\* MDP 'úÃîâî»ô¼ÝðËÂð¹æDCBC•x²è \*\*\*\*\*  
0203 C. (¼ã°îÿÔÿÃÿËÿbÿËÿáÿçÿèæ¼¼¼¼¼»Û¹æè)  
0204 . S. DC-BC dcbc-402:DCBC  
0205 (MDP\_known\_event)  
0206 C.  
0207 C.  
0208 . C. \*\*\*\*\* ÿDÿ¹•ï Daily+¿îÑæÉ'Ø¹æDCBC•x²è \*\*\*\*\*  
0209 . S. DC-BC dcbc-153:DCBC  
0210 (SPECIAL-CMD\_DAILY\_OPERATIN\_DCB)  
0211 C.  
0212 C.  
0213 . C. ;ãLOSÿÁÿ§ÿËÿ-¼Â»Û;ã  
0214 C.  
0215 . C. \*\*\*\*\* LOS \*\*\*\*\*  
0216 C.

\*\*\* OP Sequence for XRT \*\*\*

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2019/01/12 10:26:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/01/12 10:26:56.0 XRT_FOCUS_POSITION_410_OG [0x19a]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2019/01/12 10:27:00.0 AOCs_OrE-point_Start_1_OG [0x097]
                        AOCU_NM 5 02-76 02 00 00 00 00
2019/01/12 10:27:16.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2019/01/12 10:27:18.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2019/01/12 10:27:20.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2019/01/12 10:27:22.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2019/01/12 10:27:24.0 XRT_FLD_RESET_421_OG [0x1a5]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2019/01/12 10:29:56.0 XRT_QT_PROG_SET_441_OG [0x1b9]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 12
2019/01/12 10:29:58.0 XRT_FL_PROG_SET_440_OG [0x1b8]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 0d
2019/01/12 10:30:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2019/01/12 10:45:00.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/01/12 10:45:02.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2019/01/12 10:45:04.0 XRT_PREFLR_STRT_439_OG [0x1b7]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2019/01/12 10:48:14.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2019/01/12 10:56:30.0 XRT_Custom_430_OG [0x1ae]
2019/01/12 10:57:30.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2019/01/12 14:36:30.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/01/12 14:36:32.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2019/01/12 14:36:34.0 XRT_PREFLR_STRT_439_OG [0x1b7]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2019/01/12 14:39:44.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2019/01/12 14:39:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/01/12 14:39:56.0 XRT_FOCUS_POSITION_410_OG [0x19a]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2019/01/12 14:40:16.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2019/01/12 14:40:18.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2019/01/12 14:40:20.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2019/01/12 14:40:22.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2019/01/12 14:40:24.0 XRT_FLD_RESET_421_OG [0x1a5]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2019/01/12 14:42:56.0 XRT_QT_PROG_SET_446_OG [0x1be]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 08
2019/01/12 14:42:58.0 XRT_FL_PROG_SET_440_OG [0x1b8]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 0d
2019/01/12 14:43:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2019/01/12 16:07:30.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/01/12 16:07:32.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2019/01/12 16:07:34.0 XRT_PREFLR_STRT_439_OG [0x1b7]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2019/01/12 16:10:44.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2019/01/12 16:29:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/01/12 16:29:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/01/12 16:29:58.0 XRT_FOCUS_POSITION_406_OG [0x196]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2019/01/12 16:30:00.0 AOCs_OrE-point_Start_2_OG [0x098]
                        AOCU_NM 5 02-76 01 03 02 01 ca
2019/01/12 16:30:18.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2019/01/12 16:30:20.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2019/01/12 16:30:22.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2019/01/12 16:30:24.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2019/01/12 16:30:26.0 XRT_FLD_RESET_432_OG [0x1b0]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2019/01/12 16:32:56.0 XRT_QT_PROG_SET_416_OG [0x1a0]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 07
2019/01/12 16:32:58.0 XRT_FL_PROG_SET_440_OG [0x1b8]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 0d

```



Jan 12, 19 11:49

## XRT\_OGLIST\_0003.chk

2019/01/12	22:35:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/12	22:35:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/12	22:35:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/12	22:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/12	22:57:00.0	XRT_Custom_430_OG [0x1ae]								
2019/01/12	22:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/13	00:12:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/13	00:12:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/13	00:12:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/13	00:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/13	00:23:00.0	XRT_Custom_430_OG [0x1ae]								
2019/01/13	00:24:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/13	01:39:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/13	01:39:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/13	01:39:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/13	01:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/13	01:55:00.0	XRT_Custom_430_OG [0x1ae]								
2019/01/13	01:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/13	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/13	01:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2019/01/13	02:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00				
2019/01/13	02:00:16.0	XRT_FLD_ENA_427_OG [0x1ab]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/01/13	02:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/01/13	02:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/01/13	02:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/01/13	02:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/13	02:02:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04				
2019/01/13	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2019/01/13	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/13	03:11:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/13	03:11:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/13	03:11:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/13	03:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/13	03:31:30.0	XRT_Custom_430_OG [0x1ae]								
2019/01/13	03:32:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/13	04:40:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/13	04:40:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/13	04:40:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/13	04:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/13	05:09:00.0	XRT_Custom_430_OG [0x1ae]								
2019/01/13	05:10:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/13	05:52:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/13	05:52:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2019/01/13	05:53:00.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00				
2019/01/13	05:53:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2019/01/13	05:53:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2019/01/13	05:53:20.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/01/13	05:53:22.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2019/01/13	05:53:24.0	XRT_CTRL_AUTO_408_OG [0x198]								

2019/01/13	06:02:50.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/13	06:03:00.0	AOCS_ORe-point_Start_1_OG [0x097]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/13	06:05:00.0	XRT_TCIB_XRT_S_HTR_A_ENA_444_OG [0x1bc]	AOCU_NM	5	02-76	02	00	00	00	00
2019/01/13	17:55:00.0	AOCS_ORe-point_Start_3_OG [0x099]	TCIB_XRT_S_HTR_A_ENA	0	04-BC					
2019/01/13	18:05:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00	00	00	00	00
2019/01/14	12:00:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	03	00	00	00	00
2019/01/14	15:00:00.0	AOCS_ORe-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	04	00	00	00	00
2019/01/14	18:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	00	00	00	00
2019/01/14	18:10:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	02	00	00	00	00
2019/01/15	11:57:00.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	00	00	00	00