

XRT Timeline to be uploaded on 2016/12/20

Period: 2016/12/20 10:30:00 - 2016/12/24 10:41:00

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Normal mode

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XOB #1AF1: CCD Monitor During Bakeout - G-band 3ms - 1kx1k - Q90 - 1st Quadrant - Al/mesh(512ms), Al/Poly(1443ms) - w leak image-3ms

Term	Pointing (x, y)	Comment
12/21 12:03:00 - 12/21 12:09:54	Fixed (-528.4, -528.4)	4-Q XRT observation (1/4)
PROG= 11 1-time(s)		
Subr= 1 1-time(s) 2.0sec		
└─ Seqn= 86 1-time(s) 2.0sec		
Open/G-band	Open/G-band open Safe Norm 3ms	Obs 1x1 1024x1024 (1536, 1536) Q=90 0 0 2.0sec
Open/G-band	Open/G-band open Safe Norm 3ms	Obs 1x1 1024x1024 (1536, 1536) Q=90 0 0 2.0sec
Open/thick-Be	Open/thick-Be close Safe Dark 3ms	Obs 1x1 1024x1024 (1536, 1536) Q=98 0 0 2.0sec
Open/thick-Be	Open/thick-Be close Safe Dark 3ms	Obs 1x1 1024x1024 (1536, 1536) Q=98 0 0 2.0sec
Subr= 2 1-time(s) 2.0sec		
└─ Seqn= 55 2-time(s) 2.0sec		
Open/Al-mesh	Open/Ti-poly close Safe Norm 500ms	Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Al-poly/Open	med-Be/Open close Safe Norm 1.41s	Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Subr= 3 2-time(s) 2.0sec		
└─ Seqn= 54 1-time(s) 2.0sec		
Open/G-band	Open/G-band open Safe Norm 3ms	Obs 1x1 2048x2048 (1024, 1024) Q=90 0 0 2.0sec
Open/G-band	Open/G-band close Safe Norm 3ms	Obs 1x1 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 #1AF2: CCD Monitor During Bakeout - G-Band 3ms - 1kx1k - Q90 - 2nd Quadrant - Al/mesh (512ms), Al/Poly (1443ms) - w leak image-3 ms

Term	Pointing (x, y)	Comment
12/21 12:13:00 - 12/21 12:19:54	Fixed (528.4, -528.4)	4-Q XRT observation (2/4)
PROG= 19 1-time(s)		
Subr= 1 1-time(s) 2.0sec		
└─ Seqn= 15 1-time(s) 2.0sec		
Open/G-band	Open/G-band open Safe Norm 3ms	Obs 1x1 1024x1024 (512, 1536) Q=90 0 0 2.0sec
Open/G-band	Open/G-band open Safe Norm 3ms	Obs 1x1 1024x1024 (512, 1536) Q=90 0 0 2.0sec
Open/thick-Be	Open/thick-Be close Safe Dark 3ms	Obs 1x1 1024x1024 (512, 1536) Q=98 0 0 2.0sec
Open/thick-Be	Open/thick-Be close Safe Dark 3ms	Obs 1x1 1024x1024 (512, 1536) Q=98 0 0 2.0sec
Subr= 2 1-time(s) 2.0sec		
└─ Seqn= 55 2-time(s) 2.0sec		
Open/Al-mesh	Open/Ti-poly close Safe Norm 500ms	Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Al-poly/Open	med-Be/Open close Safe Norm 1.41s	Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Subr= 3 2-time(s) 2.0sec		
└─ Seqn= 54 1-time(s) 2.0sec		
Open/G-band	Open/G-band open Safe Norm 3ms	Obs 1x1 2048x2048 (1024, 1024) Q=90 0 0 2.0sec
Open/G-band	Open/G-band close Safe Norm 3ms	Obs 1x1 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 #1AF3: CCD Monitor During Bakeout - G-Band 3ms - 1kx1k - Q90 - 3rd Quadrant - Al/mesh (512ms), Al/Poly (1443ms) - w leak image-3 ms

Term	Pointing (x, y)	Comment
12/21 12:23:00 - 12/21 12:29:54	Fixed (528.4, 528.4)	4-Q XRT observation (3/4)
PROG= 15 1-time(s)		
Subr= 1 1-time(s) 2.0sec		
└─ Seqn= 35 1-time(s) 2.0sec		
Open/G-band	Open/G-band open Safe Norm 3ms	Obs 1x1 1024x1024 (512, 512) Q=90 0 0 2.0sec
Open/G-band	Open/G-band open Safe Norm 3ms	Obs 1x1 1024x1024 (512, 512) Q=90 0 0 2.0sec
Open/thick-Be	Open/thick-Be close Safe Dark 3ms	Obs 1x1 1024x1024 (512, 512) Q=98 0 0 2.0sec
Open/thick-Be	Open/thick-Be close Safe Dark 3ms	Obs 1x1 1024x1024 (512, 512) Q=98 0 0 2.0sec
Subr= 2 1-time(s) 2.0sec		
└─ Seqn= 55 2-time(s) 2.0sec		
Open/Al-mesh	Open/Ti-poly close Safe Norm 500ms	Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Al-poly/Open	med-Be/Open close Safe Norm 1.41s	Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Subr= 3 2-time(s) 2.0sec		
└─ Seqn= 54 1-time(s) 2.0sec		
Open/G-band	Open/G-band open Safe Norm 3ms	Obs 1x1 2048x2048 (1024, 1024) Q=90 0 0 2.0sec
Open/G-band	Open/G-band close Safe Norm 3ms	Obs 1x1 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 #1AF4: CCD Monitor During Bakeout - G-Band 3ms - 1kx1k - Q90 - 4th Quadrant - Al/mesh (512ms), Al/Poly (1443ms) - w leak image-3 ms

Term	Pointing (x, y)	Comment
12/21 12:33:00 - 12/21 12:38:22	Fixed (-528.4, 528.4)	4-Q XRT observation (4/4)
PROG= 05 1-time(s)		
Subr= 1 1-time(s) 2.0sec		
└─ Seqn= 3 1-time(s) 2.0sec		
Open/G-band	Open/G-band open Safe Norm 3ms	Obs 1x1 1024x1024 (1536, 512) Q=90 0 0 2.0sec
Open/G-band	Open/G-band open Safe Norm 3ms	Obs 1x1 1024x1024 (1536, 512) Q=90 0 0 2.0sec
Open/thick-Be	Open/thick-Be close Safe Dark 3ms	Obs 1x1 1024x1024 (1536, 512) Q=98 0 0 2.0sec
Open/thick-Be	Open/thick-Be close Safe Dark 3ms	Obs 1x1 1024x1024 (1536, 512) Q=98 0 0 2.0sec
Subr= 2 1-time(s) 2.0sec		

Seqn= 55	2-time(s)	2.0sec																	
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	500ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec						
Al-poly/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec						
Subr= 3	2-time(s)	2.0sec																	
Seqn= 54	1-time(s)	2.0sec																	
Open/G-band	Open/G-band	open	Safe	Norm	3ms	Obs	1x1	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec						
Open/G-band	Open/G-band	close	Safe	Norm	3ms	Obs	1x1	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 #1B25: AR - Standard Core - (Filter-Ratio with thin-Be and Med-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Med-Be context, with

Term	Pointing (x, y)	Comment											
12/21 12:43:00 - 12/21 15:59:54	Track (264.2, 54.4) @ 12/21 12:40:00	HOP 328 with ALMA											
PROG= 13	Inf.-time(s)												
Subr= 1	1-time(s)	2.0sec											
Seqn= 56	1-time(s)	2.0sec											
Open/G-band	Open/G-band	open	Safe	Norm	3ms	Obs	1x1	384x384	(1064, 1048)	DPCM	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	3ms	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= 48	1-time(s)	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
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384	(1064, 1048)	Q=95	2	0	2.0sec
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384	(1064, 1048)	Q=95	3	0	2.0sec
Seqn= 97	4-time(s)	30.0sec											
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	1	0	2.0sec
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	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	1	2.0sec
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	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	2	2.0sec
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	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 #1B5F: AR (Filter-Ratio with Al/poly and thin-Be) with PFB, 512x512 at 1064 1048, thick-Al context, with G-band (3ms/3ms leak), 40s cad

Term	Pointing (x, y)	Comment											
12/21 16:03:00 - 12/21 17:49:54	Track (323.7, 62.3) @ 12/21 16:00:00	AR 12619 tracking											
PROG= 04	Inf.-time(s)												
Subr= 1	1-time(s)	2.0sec											
Seqn= 56	1-time(s)	2.0sec											
Open/G-band	Open/G-band	open	Safe	Norm	3ms	Obs	1x1	384x384	(1064, 1048)	DPCM	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	3ms	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= 51	3-time(s)	2.0sec											
Open/thick-Al	Open/thick-Be	close	Safe	Norm	16.0s	Obs	1x1	512x512	(1064, 1048)	Q=98	3	0	2.0sec
Seqn= 16	120-time(s)	40.0sec											
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	512x512	(1064, 1048)	Q=98	3	0	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	512x512	(1064, 1048)	Q=98	3	0	14.0sec
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	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval		

XOB #1B14: Synoptic Q95 2x2 - Al/mesh(24/256/2897) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(45/512/4096) + T

Term	Pointing (x, y)	Comment											
12/21 17:53:00 - 12/21 17:59:54	Fixed (0.0, 0.0)	synoptic, shifted -10.0 min											
PROG= 14	1-time(s)												
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
Seqn= 1	1-time(s)	2.0sec											
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	24ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Seqn= 99	1-time(s)	2.0sec											
Al-poly/Open	Al-poly/Open	close	Safe	Norm	44ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
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
Seqn= 67	1-time(s)	2.0sec											
thin-Be/Open	thin-Be/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	11.3s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Seqn= 54	1-time(s)	2.0sec											
Open/G-band	Open/G-band	open	Safe	Norm	3ms	Obs	1x1	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	3ms	Obs	1x1	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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XOB #1B44: AR-(filter ratio Al/poly thin-Be), 512x512 at 1064 1048, with G-band 3ms, PFB, 60s cad

Term	Pointing (x, y)	Comment
12/21 18:03:00 - 12/22 05:59:54	Track (341.6, 62.3) @ 12/21 18:00:00	# AR 12619 tracking
12/22 06:13:00 - 12/22 10:12:30	Track (447.1, 61.7) @ 12/22 06:10:00	# AR 12619 tracking
PROG= 10 1-time(s)		
Subr= 1 1-time(s) 2.0sec		
Seqn= 78 1-time(s) 2.0sec		
Open/G-band	Open/G-band open	Safe Norm 3ms Obs 1x1 512x512 (1064, 1048) DPCM 0 0 2.0sec
Open/G-band	Open/G-band close	Safe Norm 3ms Obs 1x1 512x512 (1064, 1048) DPCM 0 0 2.0sec
Open/Ti-poly	Open/thick-Al close	Safe Dark 16.0s Obs 1x1 512x512 (1064, 1048) Q=98 0 0 2.0sec
Subr= 2 1-time(s) 2.0sec		
Seqn= 66 60-time(s) 60.0sec		
thin-Be/Open	med-Be/Open close	Safe Norm 1.00s Obs 1x1 512x512 (1064, 1048) Q=95 3 0 2.0sec
Al-poly/Open	thin-Be/Open close	Safe Norm 500ms Obs 1x1 512x512 (1064, 1048) Q=95 3 0 2.0sec
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 2.0sec
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

XOB #1B15: Synoptic 7 Filter w/ Al-mesh(24/256/2897), Al-poly(45/512/4096), Thin-Be(181/2048/11571) - Thick-Be(65536), Al-poly+Ti-poly(512/4096), Med-Al

Term	Pointing (x, y)	Comment
12/22 06:03:00 - 12/22 06:09:54	Fixed (0.0, 0.0)	synoptic
PROG= 18 1-time(s)		
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
Seqn= 1 1-time(s) 2.0sec		
Open/Al-mesh	Open/Al-mesh close	Safe Norm 24ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Al-mesh	Open/Al-mesh close	Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Al-mesh	Open/Al-mesh close	Safe Norm 2.83s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Seqn= 99 1-time(s) 2.0sec		
Al-poly/Open	Al-poly/Open close	Safe Norm 44ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
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
Seqn= 67 1-time(s) 2.0sec		
thin-Be/Open	thin-Be/Open close	Safe Norm 177ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
thin-Be/Open	thin-Be/Open close	Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
thin-Be/Open	thin-Be/Open close	Safe Norm 11.3s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Seqn= 54 1-time(s) 4.0sec		
Open/G-band	Open/G-band open	Safe Norm 3ms Obs 1x1 2048x2048 (1024, 1024) Q=90 0 0 2.0sec
Open/G-band	Open/G-band close	Safe Norm 3ms Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Subr= 2 1-time(s) 2.0sec		
Seqn= 46 2-time(s) 2.0sec		
Open/thick-Be	Open/thick-Be close	Safe Norm 64.0s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Seqn= 58 2-time(s) 2.0sec		
Al-poly/Ti-poly	Al-poly/thick-Al close	Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al close	Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Seqn= 71 2-time(s) 2.0sec		
med-Al/Open	med-Al/Open close	Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
med-Al/Open	med-Al/Open close	Safe Norm 32.0s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec

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Flare mode

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XOB #1AE7: 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)

Term	Pointing (x, y)	Comment
12/21 12:43:00 - 12/21 15:59:54	Track (264.2, 54.4) @ 12/21 12:40:00	HOP 328 with ALMA
12/21 16:03:00 - 12/21 17:49:54	Track (323.7, 62.3) @ 12/21 16:00:00	AR 12619 tracking
12/21 18:03:00 - 12/22 05:59:54	Track (341.6, 62.3) @ 12/21 18:00:00	# AR 12619 tracking
12/22 06:13:00 - 12/22 10:12:30	Track (447.1, 61.7) @ 12/22 06:10:00	# AR 12619 tracking
PROG= 07 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= 84			1-time(s)		2.0sec							
Open/G-band	Open/G-band	open	Safe	Norm	3ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	3ms	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

* * * * *

NOT USED

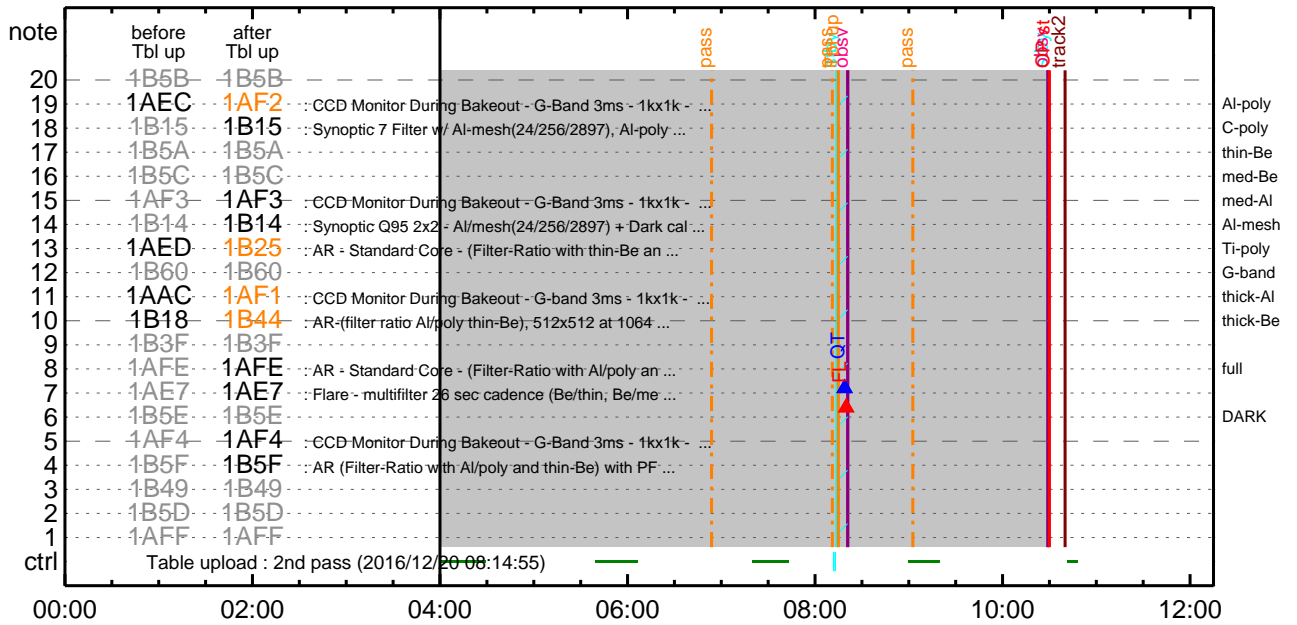
* * * * *

Flare Detection

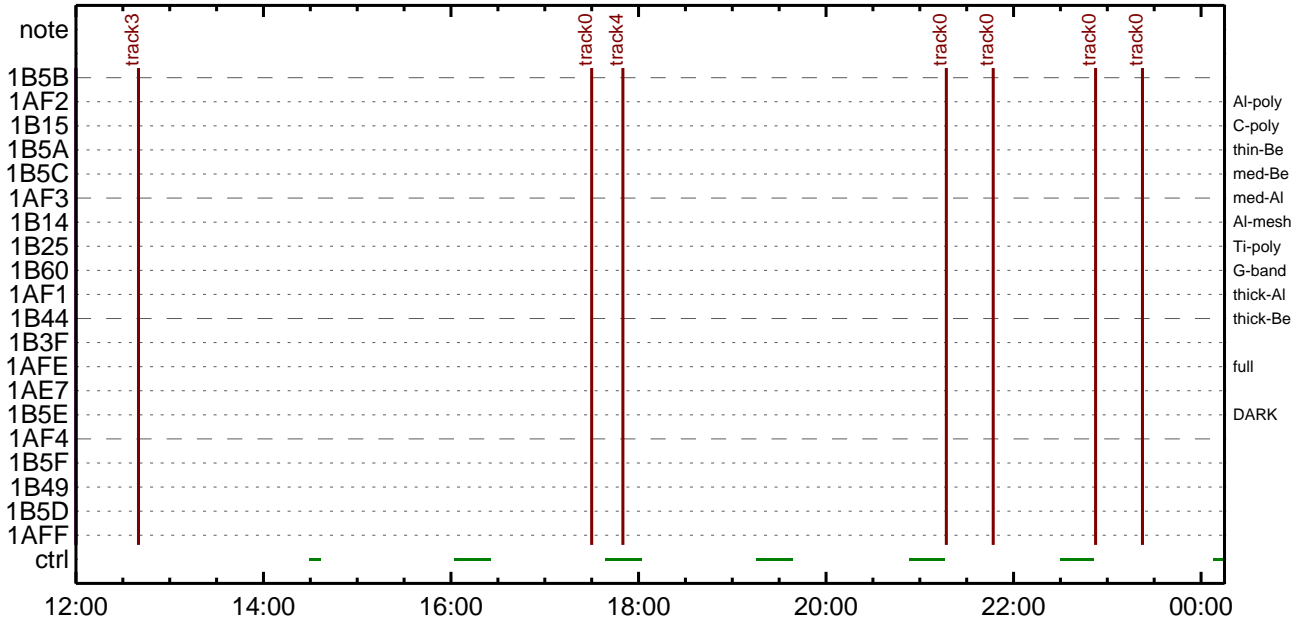
* * * * *

FLD Patrol												
Term	Pointing (x, y)						Comment					
12/21 12:42:46 - 12/21 17:50:18	Track (	264.2,	54.4)	@ 12/21 12:40:00	HOP 328 with ALMA							
12/21 18:00:18 - 12/22 06:00:18	Track (	341.6,	62.3)	@ 12/21 18:00:00	# AR 12619 tracking							
12/22 06:10:18 - 12/24 10:41:00	Track (	447.1,	61.7)	@ 12/22 06:10:00	# AR 12619 tracking							
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	

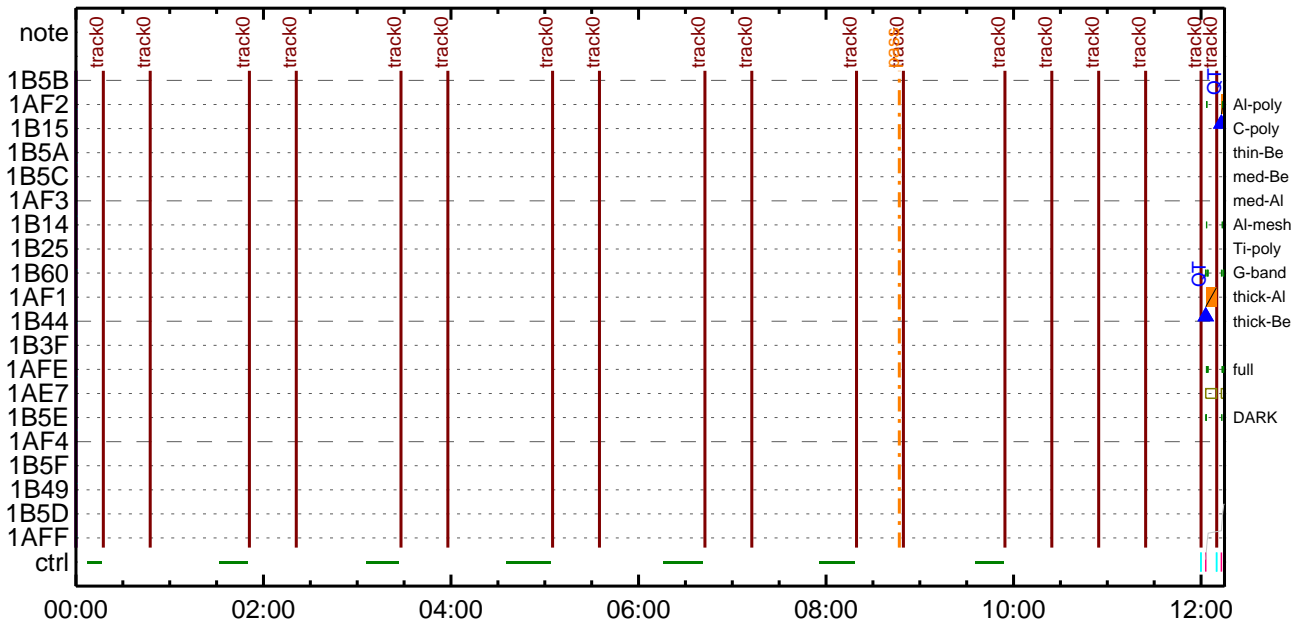
CMDI #0403 2016/12/20



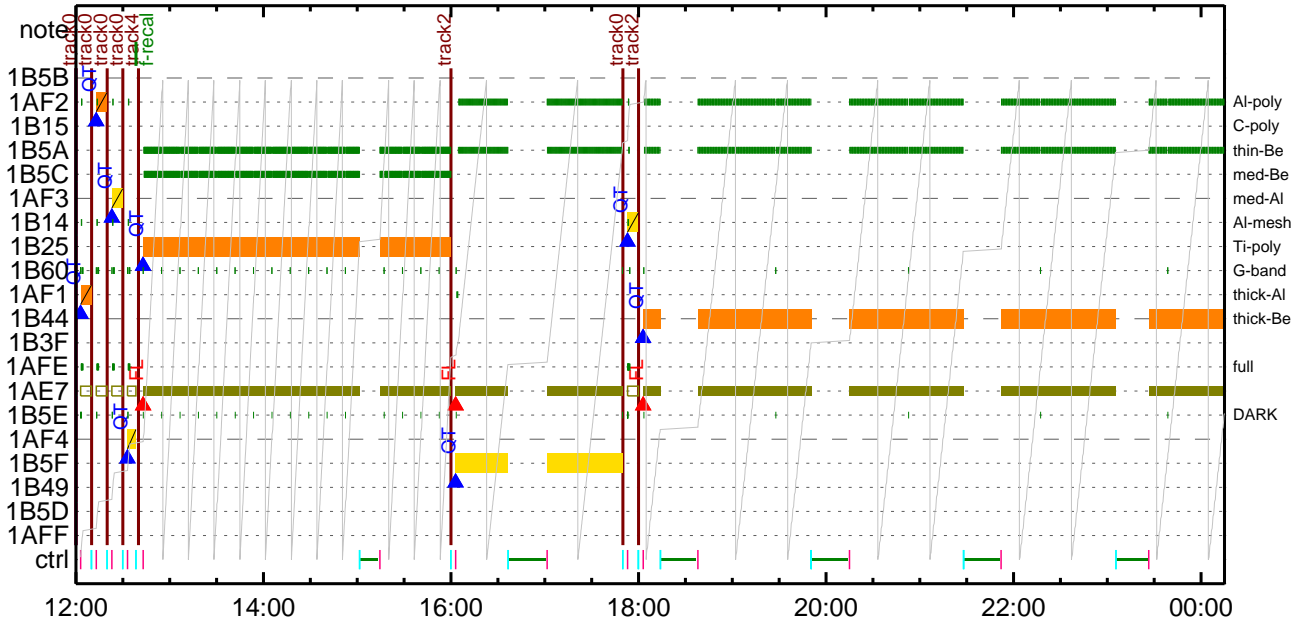
CMDI #0403 2016/12/20



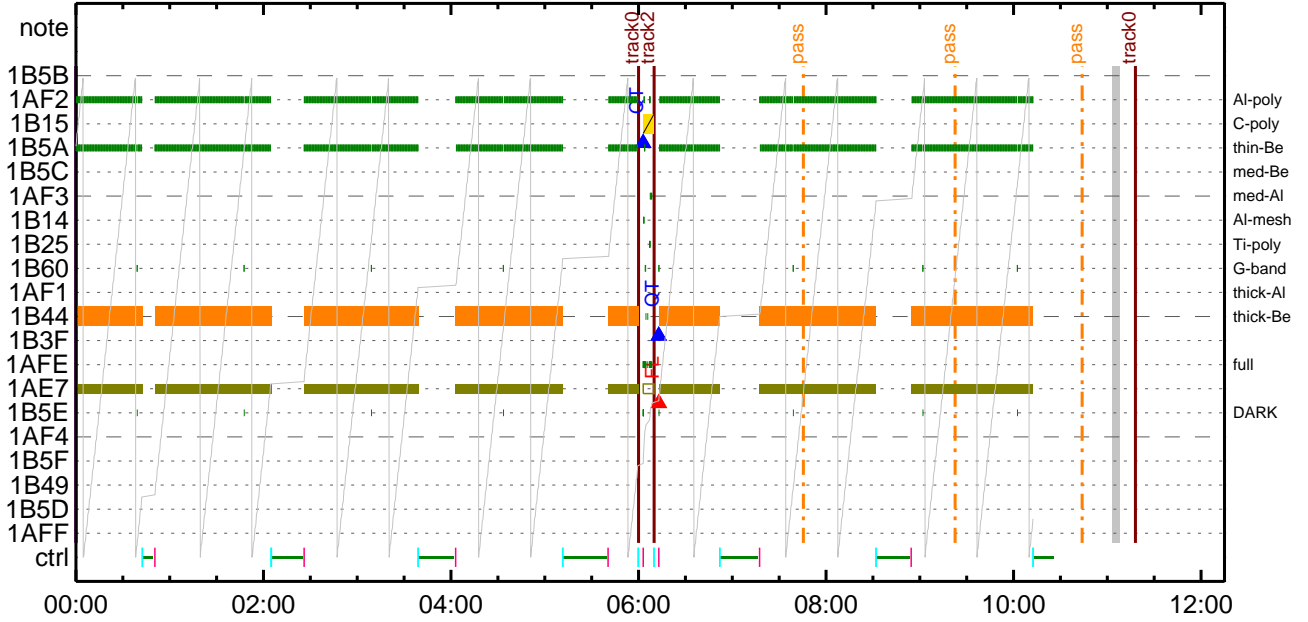
CMDI #0403 2016/12/21



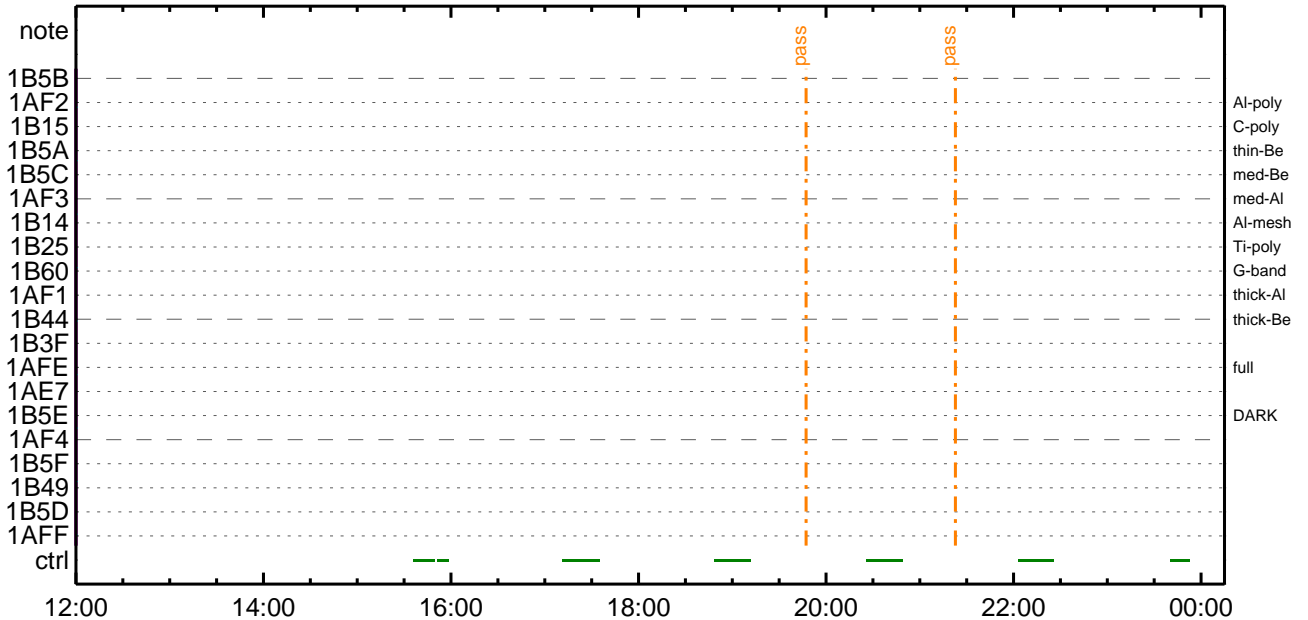
CMDI #0403 2016/12/21



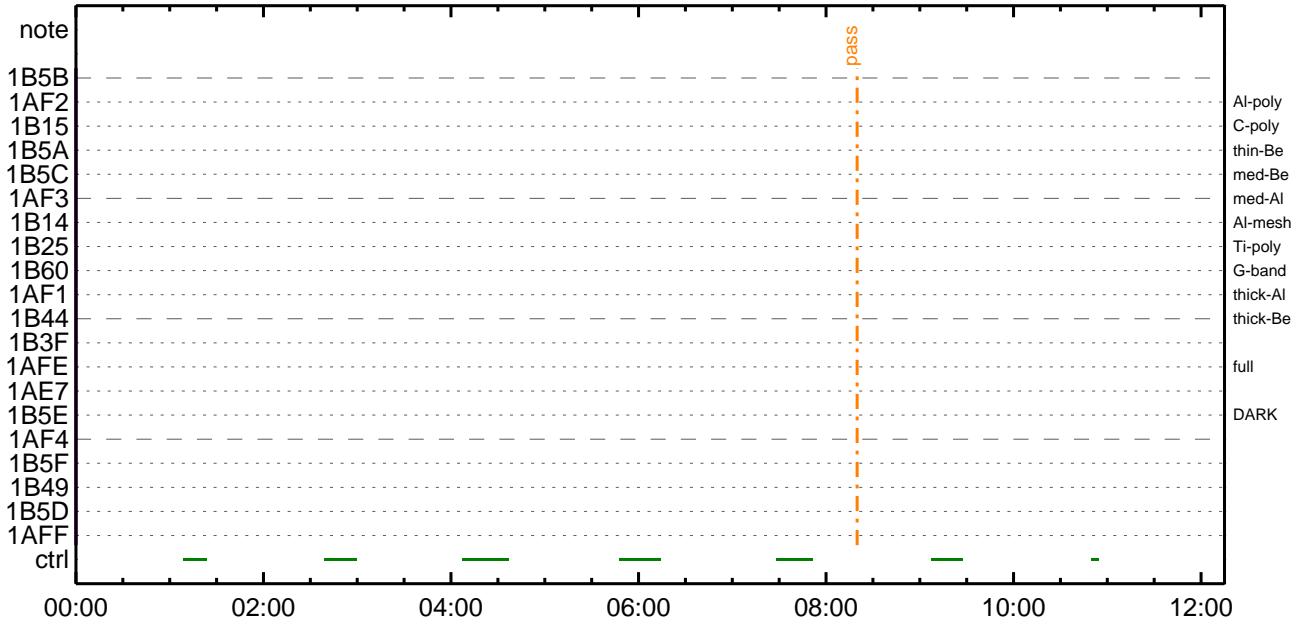
CMDI #0403 2016/12/22



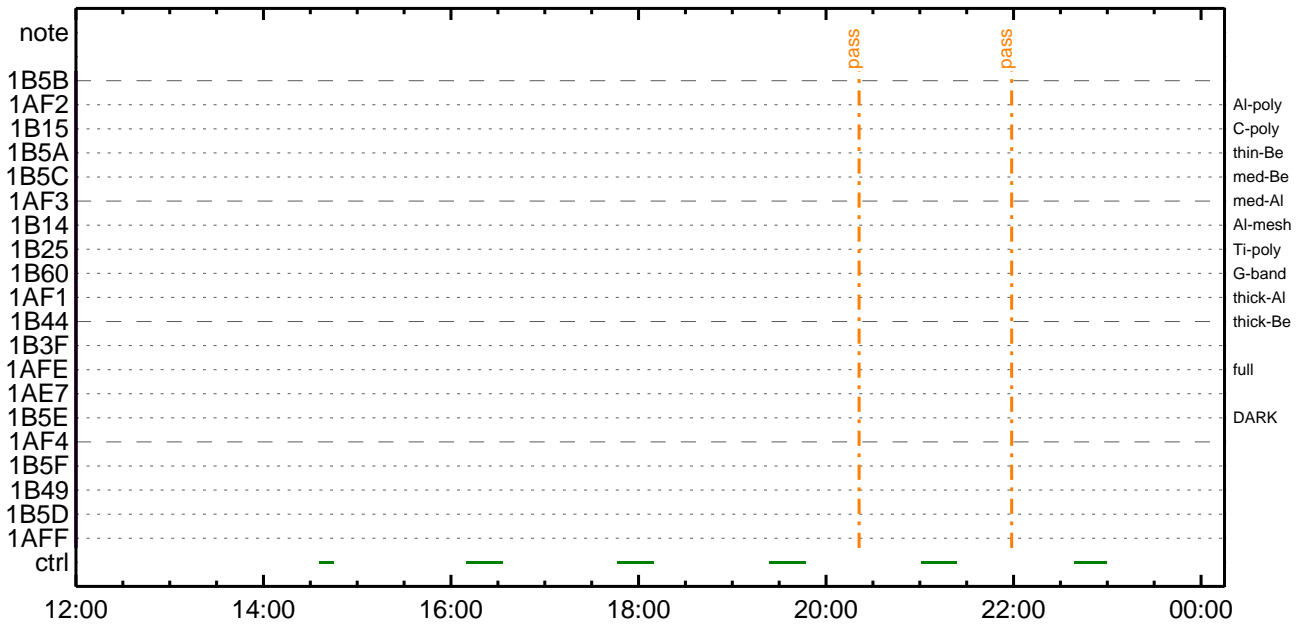
CMDI #0403 2016/12/22



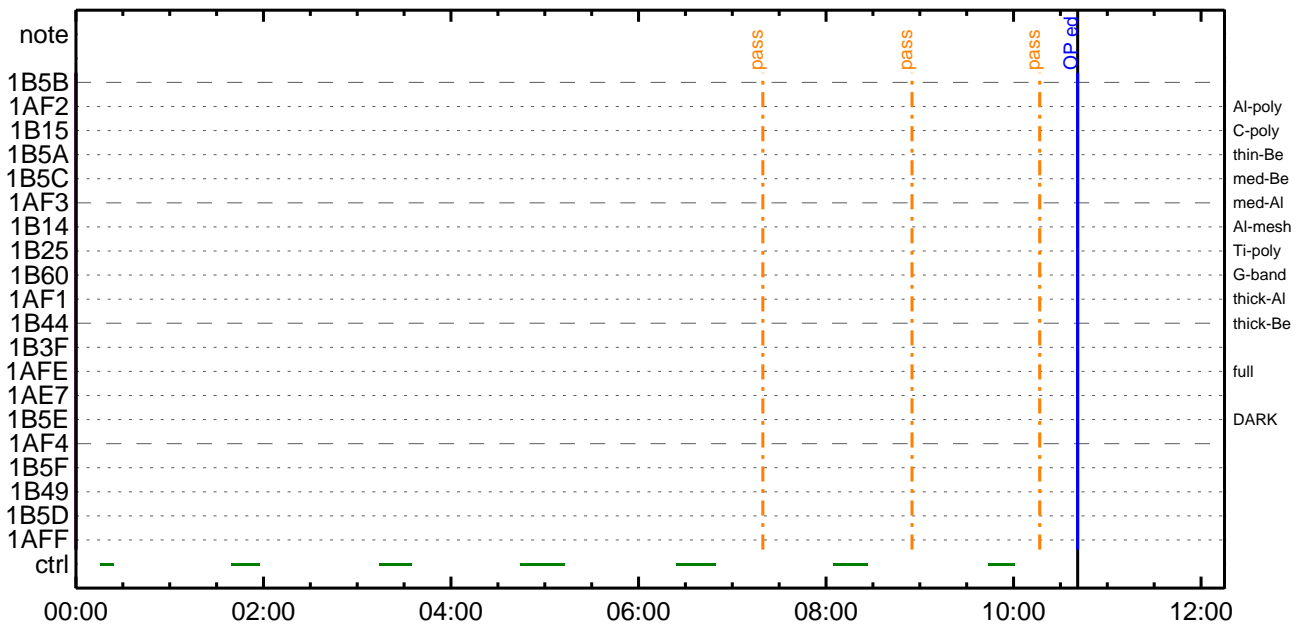
CMDI #0403 2016/12/23



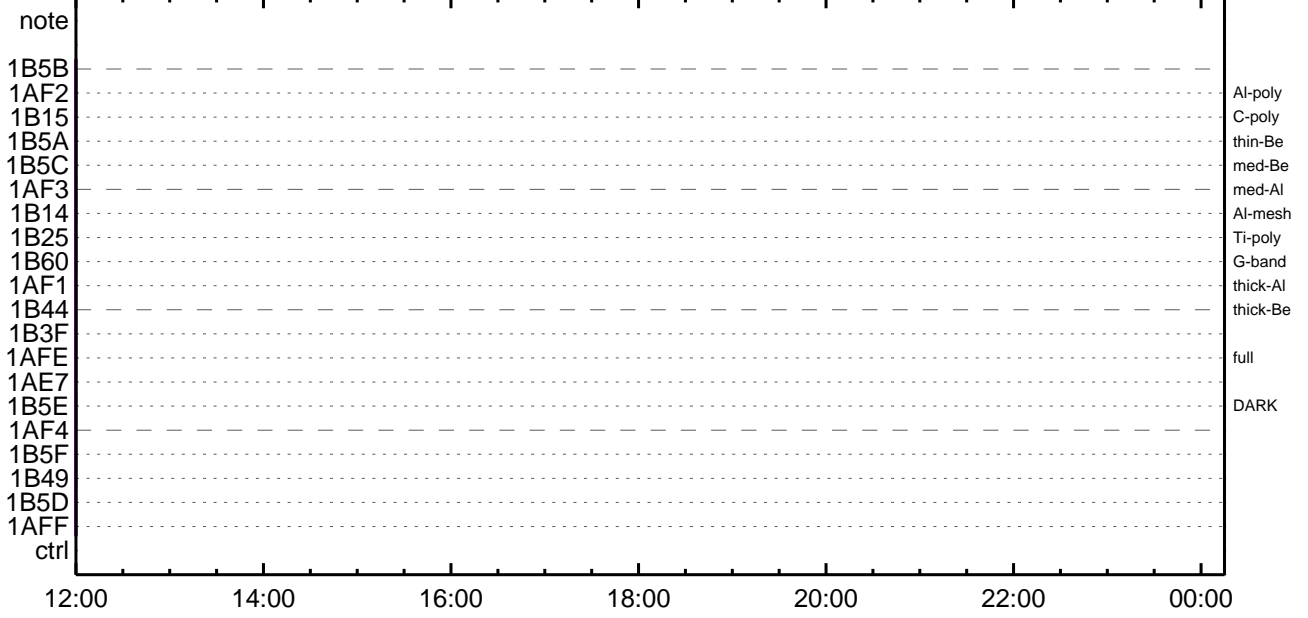
CMDI #0403 2016/12/23



CMDI #0403 2016/12/24



CMDI #0403 2016/12/24




```
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.
```



```
0096 + DC 07-F0 MDP_XRT_ROI_SET
0097 BC (cd 0c 85 83 08 08)
0098 + DC 07-F0 MDP_XRT_ROI_SET
0099 BC (cd 0d 80 80 20 08)
0100 + DC 07-F0 MDP_XRT_ROI_SET
0101 BC (cd 0e 80 80 08 20)
0102 + DC 07-F0 MDP_XRT_ROI_SET
0103 BC (cd 0f 80 80 06 06)
0104 + DC 07-F0 MDP_XRT_ROI_SET
0105 BC (cd 10 80 80 08 08)
0106 + DC 07-F0 MDP_XRT_FLD_ENA
0107 BC (d8)
0108 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0109 BC (c8)
0110 + DC 07-F0 MDP_XRT_ARS_DIS
0111 BC (d5)
0112 + DC 07-F0 MDP_XRT_AEC_RESET
0113 BC (d0)
0114 + DC 07-F0 MDP_XRT_FLD_RESET
0115 BC (da)
0116 + DC 07-F0 MDP_XRT_QT_PROG_SET
0117 BC (c4 08)
0118 + DC 07-F0 MDP_XRT_FL_PROG_SET
0119 BC (c5 07)
0120 . C. ----- Success Verify ? OK / NG ____
0121 C.
0122 C.
0123 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0124 C.
0125 +. DC 07-F0 MDP_XRT_MODE_OBSV
0126 BC (c2)
0127 +. TI 2016-12-20 10:29:02.0
0128 DC 07-F0 MDP_XRT_MODE_OBSV
0129 BC (c2)
0130 . C. ----- Success Verify ? OK / NG ____
0131 C.
0132 C. ***** XRT END *****
0133 C.
0134 . C. ***** MDP 'ũÃîñî»ö¼ÝñÊÃÐñ¹ñèDCBC•x²è *****
0135 C. (%ã°îÿÓÿÄÿÈÿÞÿËÿàÿçÿèñ¼ññ¼Ã»Ûñ¹ñè)
0136 . S. DC-BC dcbc-402:DCBC
0137 (MDP_known_event)
0138 C.
0139 C.
0140 . C. ***** ÿÐÿ¹•Ï Daily±¿ÎñÈ´Øñ¹ñèDCBC•x²è *****
0141 . S. DC-BC dcbc-153:DCBC
0142 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0143 C.
0144 C.
0145 . C. ;ãLOSÿÃÿ§ÿÄÿÿ¼Ã»Û;ã
0146 C.
0147 . C. ***** LOS *****
0148 C.
```


*** OP Sequence for XRT ***

2016/12/20	10:40:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	02	00	00	00	00
2016/12/20	12:40:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	03	00	00	00	00
2016/12/20	17:30:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	00	00	00	00
2016/12/20	17:50:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	04	00	00	00	00
2016/12/20	21:17:00.0	AOCS_ORe-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00	56	f1	01	f3
2016/12/20	21:47:00.0	AOCS_ORe-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00	4e	0c	01	f3
2016/12/20	22:52:30.0	AOCS_ORe-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00	45	26	01	f3
2016/12/20	23:22:30.0	AOCS_ORe-point_Start_8_OG [0x09e]							
		AOCU_NM	5	02-76	00	3c	41	01	f3
2016/12/21	00:17:30.0	AOCS_ORe-point_Start_9_OG [0x09f]							
		AOCU_NM	5	02-76	00	33	64	01	f3
2016/12/21	00:47:30.5	AOCS_ORe-point_Start_10_OG [0x0a0]							
		AOCU_NM	5	02-76	00	2a	7e	01	f3
2016/12/21	01:51:00.0	AOCS_ORe-point_Start_11_OG [0x0a1]							
		AOCU_NM	5	02-76	00	21	99	01	f3
2016/12/21	02:21:00.0	AOCS_ORe-point_Start_12_OG [0x0a2]							
		AOCU_NM	5	02-76	00	18	b4	01	f3
2016/12/21	03:28:00.0	AOCS_ORe-point_Start_13_OG [0x0a3]							
		AOCU_NM	5	02-76	00	0f	ce	01	f3
2016/12/21	03:58:00.0	AOCS_ORe-point_Start_14_OG [0x0a4]							
		AOCU_NM	5	02-76	00	06	f1	01	f3
2016/12/21	05:05:00.0	AOCS_ORe-point_Start_15_OG [0x0a5]							
		AOCU_NM	5	02-76	00	fe	f2	01	f3
2016/12/21	05:35:00.0	AOCS_ORe-point_Start_16_OG [0x0a6]							
		AOCU_NM	5	02-76	00	f6	0d	01	f3
2016/12/21	06:00:00.0	XRT_TCIB_XRT_S_HTR_A_DIS_404_OG [0x194]							
		TCIB_XRT_S_HTR_A_DIS	0	04-C0					
2016/12/21	06:42:30.0	AOCS_ORe-point_Start_17_OG [0x0a7]							
		AOCU_NM	5	02-76	00	ed	27	01	f3
2016/12/21	07:12:30.0	AOCS_ORe-point_Start_18_OG [0x0a8]							
		AOCU_NM	5	02-76	00	e4	42	01	f3
2016/12/21	08:19:30.0	AOCS_ORe-point_Start_19_OG [0x0a9]							
		AOCU_NM	5	02-76	00	db	65	01	f3
2016/12/21	08:49:30.0	AOCS_ORe-point_Start_20_OG [0x0aa]							
		AOCU_NM	5	02-76	00	d2	7f	01	f3
2016/12/21	09:54:30.0	AOCS_ORe-point_Start_21_OG [0x0ab]							
		AOCU_NM	5	02-76	00	c9	9a	01	f3
2016/12/21	10:24:30.0	AOCS_ORe-point_Start_22_OG [0x0ac]							
		AOCU_NM	5	02-76	00	c0	b5	01	f3
2016/12/21	10:54:30.0	AOCS_ORe-point_Start_23_OG [0x0ad]							
		AOCU_NM	5	02-76	00	b7	cf	01	f3
2016/12/21	11:24:30.0	AOCS_ORe-point_Start_24_OG [0x0ae]							
		AOCU_NM	5	02-76	00	ae	f2	01	f3
2016/12/21	11:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/21	11:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/21	11:59:58.0	XRT_FOCUS_POSITION_439_OG [0x1b7]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2016/12/21	12:00:00.0	AOCS_ORe-point_Start_25_OG [0x0af]							
		AOCU_NM	5	02-76	00	2e	f9	2e	f9
2016/12/21	12:00:18.0	XRT_FLD_DIS_428_OG [0x1ac]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2016/12/21	12:00:20.0	XRT_FLRCTRL_DIS_443_OG [0x1bb]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2016/12/21	12:02:56.0	XRT_ARS_DIS_445_OG [0x1bd]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/12/21	12:02:58.0	XRT_QT_PROG_SET_449_OG [0x1c1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b			
2016/12/21	12:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/12/21	12:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/21	12:09:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/21	12:09:58.0	XRT_FOCUS_POSITION_439_OG [0x1b7]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2016/12/21	12:10:00.0	AOCS_ORe-point_Start_26_OG [0x0b0]							
		AOCU_NM	5	02-76	00	2e	f9	d1	07
2016/12/21	12:10:18.0	XRT_FLD_DIS_428_OG [0x1ac]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2016/12/21	12:10:20.0	XRT_FLRCTRL_DIS_443_OG [0x1bb]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2016/12/21	12:12:56.0	XRT_ARS_DIS_445_OG [0x1bd]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/12/21	12:12:58.0	XRT_QT_PROG_SET_444_OG [0x1bc]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	13			
2016/12/21	12:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/12/21	12:19:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/21	12:19:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/21	12:19:58.0	XRT_FOCUS_POSITION_439_OG [0x1b7]							

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2016/12/21	12:20:00.0	AOCS_OrE-point_Start_27_OG [0x0b1]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
		AOCU_NM		5	02-76	00	d1	07	d1 07
2016/12/21	12:20:18.0	XRT_FLD_DIS_428_OG [0x1ac]	MDP_XRT_FLD_DIS	1	07-F0		d9		
2016/12/21	12:20:20.0	XRT_FLRCTRL_DIS_443_OG [0x1bb]	MDP_XRT_FLRCTRL_DIS	1	07-F0		c9		
2016/12/21	12:22:56.0	XRT_ARS_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0		d5		
2016/12/21	12:22:58.0	XRT_QT_PROG_SET_426_OG [0x1aa]	MDP_XRT_QT_PROG_SET	2	07-F0		c4		0f
2016/12/21	12:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2016/12/21	12:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0		c1		
2016/12/21	12:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0		c1		
2016/12/21	12:29:58.0	XRT_FOCUS_POSITION_439_OG [0x1b7]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2016/12/21	12:30:00.0	AOCS_OrE-point_Start_28_OG [0x0b2]	AOCU_NM	5	02-76	00	d1	07	2e f9
2016/12/21	12:30:18.0	XRT_FLD_DIS_428_OG [0x1ac]	MDP_XRT_FLD_DIS	1	07-F0		d9		
2016/12/21	12:30:20.0	XRT_FLRCTRL_DIS_443_OG [0x1bb]	MDP_XRT_FLRCTRL_DIS	1	07-F0		c9		
2016/12/21	12:32:56.0	XRT_ARS_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0		d5		
2016/12/21	12:32:58.0	XRT_QT_PROG_SET_413_OG [0x19d]	MDP_XRT_QT_PROG_SET	2	07-F0		c4		05
2016/12/21	12:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2016/12/21	12:38:22.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0		c1		
2016/12/21	12:38:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0		c1		
2016/12/21	12:38:26.0	XRT_FOCUS_RECALIBRATE_416_OG [0x1a0]	XRT_FOCUS_RECAL	2	07-F8	78	00		
2016/12/21	12:40:00.0	AOCS_OrE-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	04	00	00	00 00
2016/12/21	12:42:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2016/12/21	12:42:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0		d8		
2016/12/21	12:42:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0		c8		
2016/12/21	12:42:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0		d0		
2016/12/21	12:42:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0		d5		
2016/12/21	12:42:54.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0		da		
2016/12/21	12:42:56.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0		c4		0d
2016/12/21	12:42:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0		c5		07
2016/12/21	12:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2016/12/21	15:01:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0		c1		
2016/12/21	15:01:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0		c1		
2016/12/21	15:01:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0		da		
2016/12/21	15:01:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0		e8		
2016/12/21	15:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0		e9		
2016/12/21	15:13:30.0	XRT_Custom_430_OG [0x1ae]							
2016/12/21	15:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2016/12/21	15:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0		c1		
2016/12/21	15:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0		c1		
2016/12/21	15:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2016/12/21	16:00:00.0	AOCS_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	02	00	00	00 00
2016/12/21	16:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0		d8		
2016/12/21	16:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0		c8		
2016/12/21	16:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0		d0		
2016/12/21	16:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0		d5		
2016/12/21	16:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0		da		
2016/12/21	16:02:56.0	XRT_QT_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0		c4		04
2016/12/21	16:02:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0		c5		07
2016/12/21	16:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							

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2016/12/21	16:36:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/21	16:36:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/21	16:36:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2016/12/21	16:36:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/12/21	16:39:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/12/21	17:00:30.0	XRT_Custom_430_OG [0x1ae]								
2016/12/21	17:01:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/12/21	17:49:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/21	17:49:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/21	17:49:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2016/12/21	17:50:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00				
2016/12/21	17:50:18.0	XRT_FLD_DIS_406_OG [0x196]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2016/12/21	17:52:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2016/12/21	17:52:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/12/21	17:52:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2016/12/21	17:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/12/21	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/21	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/21	17:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2016/12/21	18:00:00.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	02 00 00 00 00				
2016/12/21	18:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2016/12/21	18:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2016/12/21	18:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2016/12/21	18:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/12/21	18:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da				
2016/12/21	18:02:56.0	XRT_QT_PROG_SET_427_OG [0x1ab]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2016/12/21	18:02:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2016/12/21	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/12/21	18:14:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/21	18:14:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/21	18:14:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2016/12/21	18:14:06.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/12/21	18:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/12/21	18:37:00.0	XRT_Custom_430_OG [0x1ae]								
2016/12/21	18:38:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/12/21	19:50:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/21	19:50:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/21	19:50:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2016/12/21	19:50:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/12/21	19:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/12/21	20:14:00.5	XRT_Custom_430_OG [0x1ae]								
2016/12/21	20:15:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/12/21	21:28:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/21	21:28:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/21	21:28:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2016/12/21	21:28:06.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/12/21	21:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/12/21	21:51:00.0	XRT_Custom_430_OG [0x1ae]								

2016/12/21	21:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/12/21	23:05:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/12/21	23:05:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/12/21	23:05:34.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2016/12/21	23:05:36.0	XRT_PREFLR_STRT_414_OG [0x19e]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2016/12/21	23:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2016/12/21	23:25:30.0	XRT_Custom_430_OG [0x1ae]						
2016/12/21	23:26:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/12/22	00:42:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/12/22	00:42:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/12/22	00:42:34.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2016/12/22	00:42:36.0	XRT_PREFLR_STRT_414_OG [0x19e]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2016/12/22	00:45:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2016/12/22	00:49:30.0	XRT_Custom_430_OG [0x1ae]						
2016/12/22	00:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/12/22	02:05:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/12/22	02:05:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/12/22	02:05:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2016/12/22	02:05:06.0	XRT_PREFLR_STRT_414_OG [0x19e]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2016/12/22	02:08:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2016/12/22	02:25:00.0	XRT_Custom_430_OG [0x1ae]						
2016/12/22	02:26:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/12/22	03:39:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/12/22	03:39:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/12/22	03:39:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2016/12/22	03:39:06.0	XRT_PREFLR_STRT_414_OG [0x19e]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2016/12/22	03:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2016/12/22	04:02:00.0	XRT_Custom_430_OG [0x1ae]						
2016/12/22	04:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/12/22	05:11:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/12/22	05:11:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/12/22	05:11:34.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2016/12/22	05:11:36.0	XRT_PREFLR_STRT_414_OG [0x19e]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2016/12/22	05:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2016/12/22	05:39:30.0	XRT_Custom_430_OG [0x1ae]						
2016/12/22	05:40:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/12/22	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/12/22	05:59:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/12/22	05:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]						
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2016/12/22	06:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]						
		AOCU_NM	5	02-76	00 00 00 00 00			
2016/12/22	06:00:18.0	XRT_FLD_DIS_406_OG [0x196]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2016/12/22	06:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2016/12/22	06:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2016/12/22	06:02:58.0	XRT_QT_PROG_SET_442_OG [0x1ba]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12			
2016/12/22	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/12/22	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/12/22	06:09:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/12/22	06:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2016/12/22	06:10:00.0	AOCS_ORe-point_Start_1_OG [0x097]						
		AOCU_NM	5	02-76	02 00 00 00 00			

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2016/12/22	06:10:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2016/12/22	06:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/12/22	06:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2016/12/22	06:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/12/22	06:10:26.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/22	06:12:56.0	XRT_QT_PROG_SET_427_OG [0x1ab]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2016/12/22	06:12:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/12/22	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/22	06:52:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/22	06:52:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/22	06:52:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/22	06:52:06.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/22	06:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/22	07:16:30.0	XRT_Custom_430_OG [0x1ae]			
2016/12/22	07:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/22	08:32:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/22	08:32:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/22	08:32:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/22	08:32:06.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/22	08:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/22	08:53:30.0	XRT_Custom_430_OG [0x1ae]			
2016/12/22	08:54:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/22	10:12:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/22	10:12:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/22	10:12:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/22	10:12:36.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/22	10:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/22	11:18:00.0	AOCS_OrE-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	00 00 00 00 00