

XRT Timeline to be uploaded on 2020/11/17

Period: 2020/11/17 11:34:00 - 2020/11/21 11:11:00

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Normal mode

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XOB #1BC7: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 1st Quadrant - Al/mesh(2048ms), Al/Poly(4096ms) - w leak image-1ms

Term	Pointing (x, y)	Comment
11/18 12:03:00 - 11/18 12:09:54	Fixed (-528.4, -528.4)	XRT post bakeout obs (1/4)
PROG= 12 1-time(s)		
└─ Subr= 1 1-time(s) 2.0sec		
└─ Seqn= 51 1-time(s) 2.0sec		
└─ Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (1536, 1536) Q=90 0 0 2.0sec	
└─ Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (1536, 1536) Q=90 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (1536, 1536) Q=98 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (1536, 1536) Q=98 0 0 2.0sec	
└─ Subr= 2 1-time(s) 2.0sec		
└─ Seqn= 3 2-time(s) 2.0sec		
└─ Open/Al-mesh	Open/Al-mesh close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
└─ Al-poly/Open	Al-poly/Open close Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
└─ Subr= 3 2-time(s) 2.0sec		
└─ Seqn= 34 1-time(s) 2.0sec		
└─ 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	
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval	

XOB #1BC8: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 2nd Quadrant - Al/mesh (2048ms), Al/Poly (4096ms) - w leak image-1 ms

Term	Pointing (x, y)	Comment
11/18 12:13:00 - 11/18 12:19:54	Fixed (528.4, -528.4)	2/4
PROG= 17 1-time(s)		
└─ Subr= 1 1-time(s) 2.0sec		
└─ Seqn= 38 1-time(s) 2.0sec		
└─ Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (512, 1536) Q=90 0 0 2.0sec	
└─ Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (512, 1536) Q=90 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (512, 1536) Q=98 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (512, 1536) Q=98 0 0 2.0sec	
└─ Subr= 2 1-time(s) 2.0sec		
└─ Seqn= 3 2-time(s) 2.0sec		
└─ Open/Al-mesh	Open/Al-mesh close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
└─ Al-poly/Open	Al-poly/Open close Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
└─ Subr= 3 2-time(s) 2.0sec		
└─ Seqn= 34 1-time(s) 2.0sec		
└─ 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	
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval	

XOB #1BC9: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 3rd Quadrant - Al/mesh (2048ms), Al/Poly (4096ms) - w leak image-1 ms

Term	Pointing (x, y)	Comment
11/18 12:23:00 - 11/18 12:29:54	Fixed (528.4, 528.4)	3/4
PROG= 11 1-time(s)		
└─ Subr= 1 1-time(s) 2.0sec		
└─ Seqn= 21 1-time(s) 2.0sec		
└─ Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (512, 512) Q=90 0 0 2.0sec	
└─ Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (512, 512) Q=90 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (512, 512) Q=98 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (512, 512) Q=98 0 0 2.0sec	
└─ Subr= 2 1-time(s) 2.0sec		
└─ Seqn= 3 2-time(s) 2.0sec		
└─ Open/Al-mesh	Open/Al-mesh close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
└─ Al-poly/Open	Al-poly/Open close Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
└─ Subr= 3 2-time(s) 2.0sec		
└─ Seqn= 34 1-time(s) 2.0sec		
└─ 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	
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval	

XOB #1BCA: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 4th Quadrant - Al/mesh (2048ms), Al/Poly (4096ms) - w leak image-1 ms

Term	Pointing (x, y)	Comment
11/18 12:33:00 - 11/18 12:39:54	Fixed (-528.4, 528.4)	4/4
PROG= 14 1-time(s)		
└─ Subr= 1 1-time(s) 2.0sec		
└─ Seqn= 14 1-time(s) 2.0sec		
└─ Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (1536, 512) Q=90 0 0 2.0sec	
└─ Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (1536, 512) Q=90 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (1536, 512) Q=98 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (1536, 512) Q=98 0 0 2.0sec	
└─ Subr= 2 1-time(s) 2.0sec		

Seqn= 3	2-time(s)	2.0sec																		
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
Al-poly/Open	Al-poly/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
Subr= 3	2-time(s)	2.0sec																		
Seqn= 34	1-time(s)	2.0sec																		
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							
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)			Comp.	AEC Buffer	Interval							

XOB #1B8D: Synoptic 7 Filter w/ Al-mesh(24/256/2897), Al-poly(45/512/4096), Thin-Be(512/8192/23142) - Thick-Be(65536), Al-poly+Ti-poly(256/5795), Med-Al

Term	Pointing (x, y)	Comment												
11/18 12:43:00 - 11/18 12:49:54	Fixed (0.0, 0.0)	synoptic after post bakeout												
PROG= 20	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= 54	1-time(s)	2.0sec												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec	
thin-Be/Open	thin-Be/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec	
thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec	
Seqn= 23	1-time(s)	4.0sec												
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	
Subr= 2	1-time(s)	2.0sec												
Seqn= 46	1-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= 2	1-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	64.0s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec	
Seqn= 13	1-time(s)	2.0sec												
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	250ms	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec	
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	5.66s	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	

XOB #1C97: AR - Filter-Ratio with thin-Be (long/short pairs) and Med-Be (short) with PFB, 384x384 at 1064 1048, with G-band (1ms/1ms VLS=CLS), 60 cad

Term	Pointing (x, y)	Comment												
11/18 12:53:00 - 11/18 17:47:54	Track (265.7, -584.5) @ 11/18 12:50:00	HOP396 on AR12782												
PROG= 15	Inf.-time(s)													
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	120-time(s)	60.0sec												
Seqn= 37	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	3	0	2.0sec	
Seqn= 59	1-time(s)	2.0sec												
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3	1	2.0sec	
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384	(1064, 1048)	Q=95	3	1	2.0sec	
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3	2	2.0sec	
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	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 #1C52: Synoptic Q95 2x2 - Al/mesh(16/181/2048) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(24/362/4096) + Ti-poly

Term	Pointing (x, y)	Comment											
11/18 17:51:00 - 11/18 17:57:54	Fixed (0.0, 0.0)	synoptic, shifted -12.0 min											
11/19 06:03:02 - 11/19 06:09:54	Fixed (0.0, 0.0)	HOP349 and synoptic											
PROG= 07	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= 75	1-time(s)		2.0sec										
	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	177ms	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
Seqn= 9	1-time(s)		2.0sec										
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	24ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	354ms	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= 84	1-time(s)		2.0sec										
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	354ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	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
Seqn= 23	1-time(s)		2.0sec										
	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
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1BC3: AR-(filter ratio Al/poly thin-Be), 512x512 at 1064 1048, with G-band 1ms, PFB, 45s cad

Term	Pointing (x, y)		Comment												
11/18 18:01:05 - 11/18 21:59:54	Track (301.9, -583.6) @ 11/18 17:58:00		AR12782												
PROG= 19	Inf.-time(s)														
	Subr= 1	1-time(s)	2.0sec												
		Seqn= 4	1-time(s)		2.0sec										
			Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 1536)	DPCM	0	0	2.0sec
			Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 1536)	DPCM	0	0	2.0sec
			Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	1024x1024 (1536, 1536)	Q=98	0	0	2.0sec
		Subr= 2	1-time(s)		2.0sec										
			Seqn= 39	40-time(s)		45.0sec									
			thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	1024x1024 (1536, 1536)	Q=95	3	0	2.0sec
			Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	1024x1024 (1536, 1536)	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
			Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1C8D: Alignment with North Pole Al/poly 1443ms Q95 2x2 (G-band and VLS=CLS) - 5min cad

Term	Pointing (x, y)		Comment												
11/18 22:15:00 - 11/18 23:59:54	Fixed (0.0, 930.0)		Co-alignment run at N-pole												
PROG= 06	1-time(s)														
		Subr= 1	1-time(s)		2.0sec										
			Seqn= 23	1-time(s)		2.0sec									
			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
			Subr= 2	24-time(s)		300.0sec									
			Seqn= 69	1-time(s)		2.0sec									
			Al-poly/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	2x2	1024x1024 (512, 1536)	Q=95	0	0	2.0sec
			Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1C8E: Alignment with East limb Al/poly 1443ms Q95 2x2 (G-band and VLS=CLS) - 8 min cad

Term	Pointing (x, y)		Comment												
11/19 00:15:00 - 11/19 01:59:54	Fixed (-970.0, 0.0)		Co-alignment run at E-limb												
PROG= 18	1-time(s)														
		Subr= 1	1-time(s)		2.0sec										
			Seqn= 23	1-time(s)		2.0sec									
			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
			Subr= 2	15-time(s)		480.0sec									
			Seqn= 70	1-time(s)		2.0sec									
			Al-poly/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	2x2	1024x1024 (512, 512)	Q=95	0	0	2.0sec
			Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1C98: HOP349 - 3-filter Synoptics (Al-mesh[24/256/2897], Al-poly[45/512/4096], thin-Be[512/8192/23142] with 512x512 G-band+Leak - 45min cad) + CLS

Term	Pointing (x, y)		Comment												
11/19 02:03:00 - 11/19 06:02:30	Fixed (0.0, 0.0)		HOP349 and synoptic												
PROG= 16	Inf.-time(s)														
		Subr= 1	1-time(s)		600.0sec										
			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
			Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 54 1-time(s) 2.0sec												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	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
Subr= 2 4-time(s) 600.0sec												
Seqn= 8 1-time(s) 2.0sec												
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
Seqn= 6 1-time(s) 2.0sec												
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
Seqn= 29 1-time(s) 2.0sec												
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	

XOB #1C99: AR-(filter ratio Al/poly thin-Be), 512x512 at 1064 1048, with G-band 1ms, PFB, 30s cad												
Term	Pointing (x, y)							Comment				
11/19 06:13:00 - 11/19 10:08:30	Track (384.9, -581.1) @ 11/19 06:10:00							AR12782				
PROG= 09 Inf.-time(s)												
Subr= 1 1-time(s) 2.0sec												
Seqn= 4 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 1536)	DPCM	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 1536)	DPCM	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	1024x1024 (1536, 1536)	Q=98	0	0	2.0sec
Subr= 2 120-time(s) 30.0sec												
Seqn= 64 1-time(s) 15.0sec												
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	1024x1024 (1536, 1536)	Q=95	3	0	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	1024x1024 (1536, 1536)	Q=95	3	0	2.0sec
Seqn= 58 1-time(s) 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	1	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 #1C96: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Be/thick), AEC 3, 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512x512 2x2) + G												
Term	Pointing (x, y)							Comment				
11/18 12:53:00 - 11/18 17:47:54	Track (265.7, -584.5) @ 11/18 12:50:00							HOP396 on AR12782				
11/18 18:01:05 - 11/18 21:59:54	Track (301.9, -583.6) @ 11/18 17:58:00							AR12782				
11/19 02:03:00 - 11/19 06:02:30	Fixed (0.0, 0.0)							HOP349 and synoptic				
11/19 06:13:00 - 11/19 10:08:30	Track (384.9, -581.1) @ 11/19 06:10:00							AR12782				
PROG= 04 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= 73 1-time(s) 10.0sec												
thin-Be/Open	med-Be/Open	close	Safe	Norm	125ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	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-Be	Open/thick-Be	close	Safe	Norm	2.00s	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	

* * * * *

Active Region Search

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NOT USED

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Flare Detection

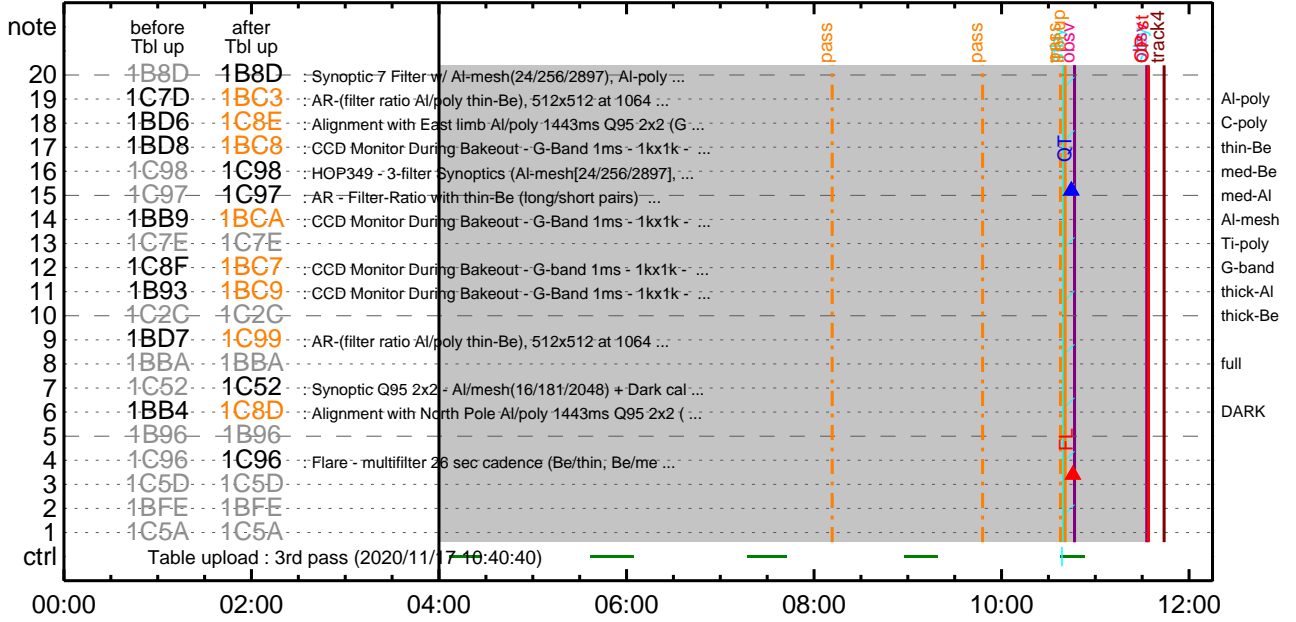
* * * * *

FLD Patrol												
Term	Pointing (x, y)							Comment				
11/18 12:50:18 - 11/18 17:48:18	Track (265.7, -584.5) @ 11/18 12:50:00							HOP396 on AR12782				
11/18 17:58:23 - 11/18 22:00:18	Track (301.9, -583.6) @ 11/18 17:58:00							AR12782				

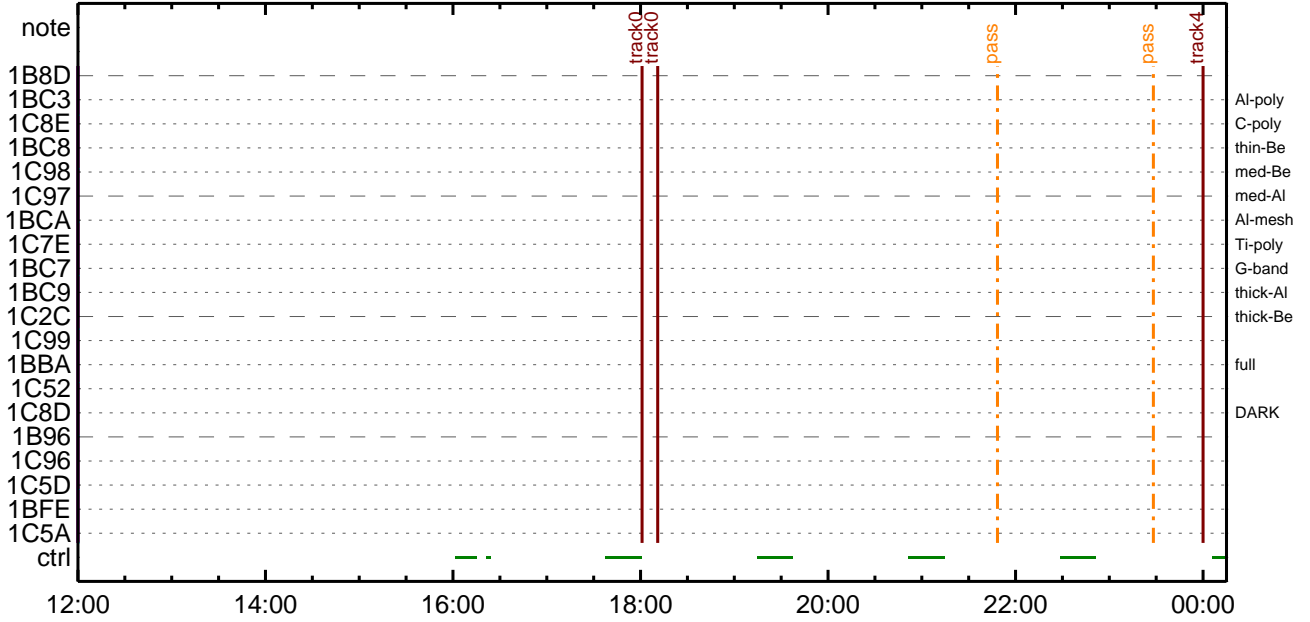
11/19 02:00:18 - 11/19 06:02:54 Fixed (0.0, 0.0) HOP349 and synoptic
11/19 06:10:18 - 11/21 11:11:00 Track (384.9, -581.1) @ 11/19 06:10:00 AR12782

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

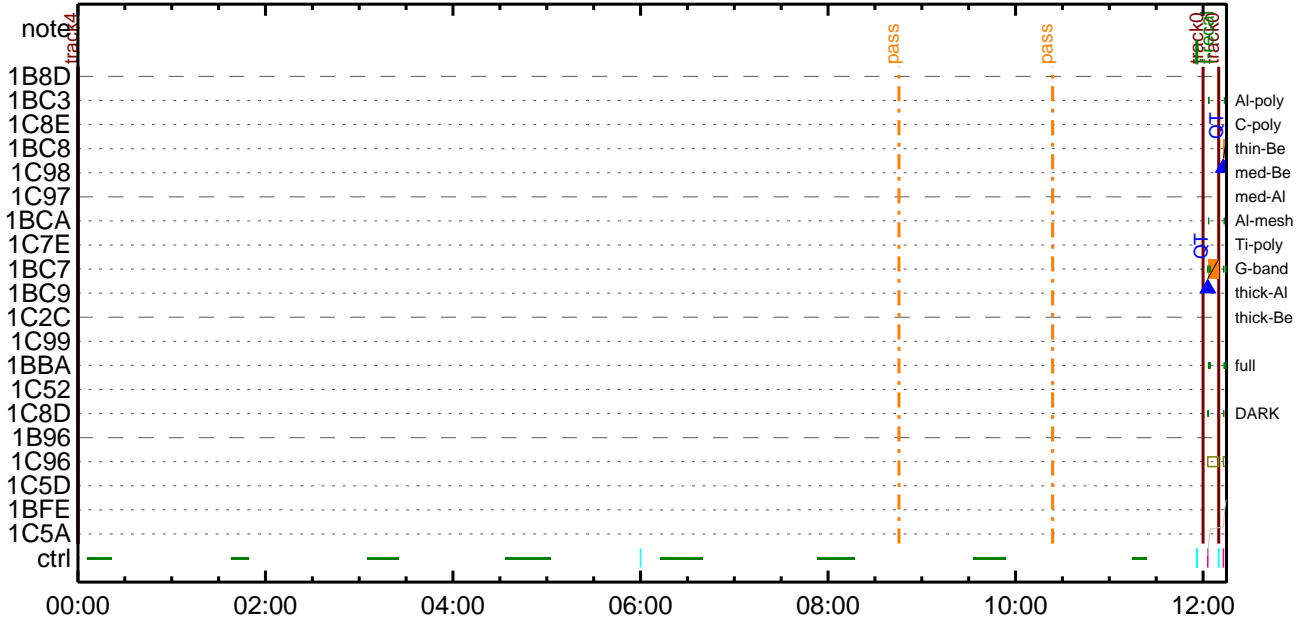
exported #20201117002 2020/11/17



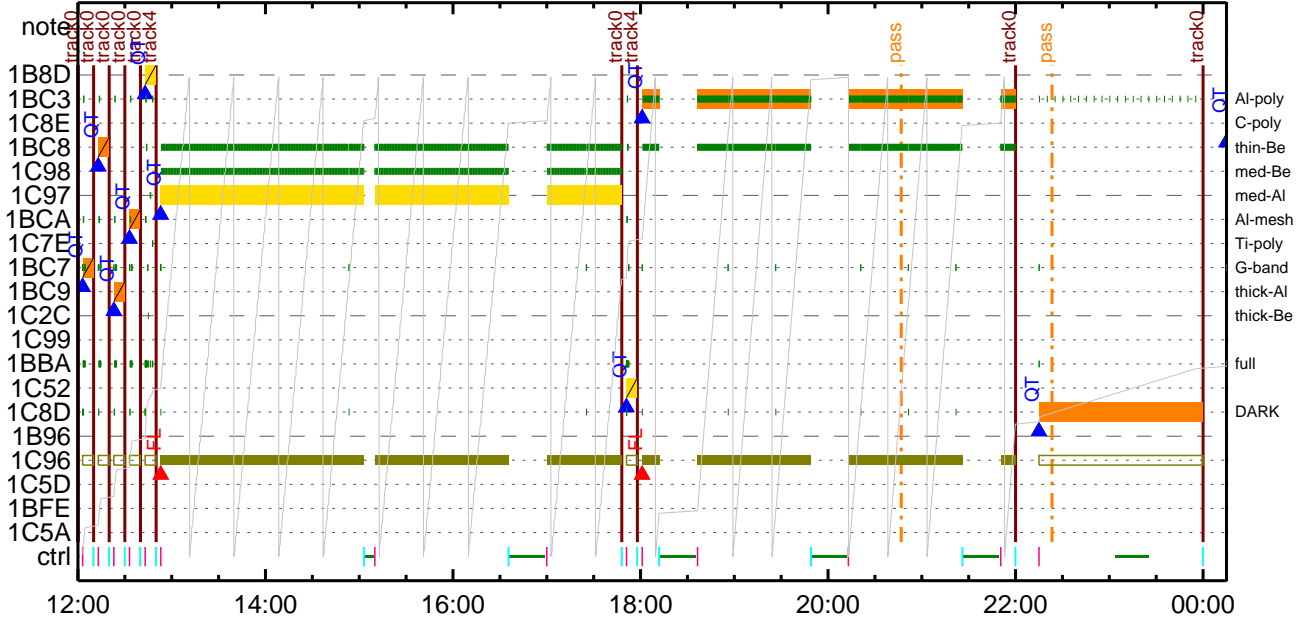
exported #20201117002 2020/11/17



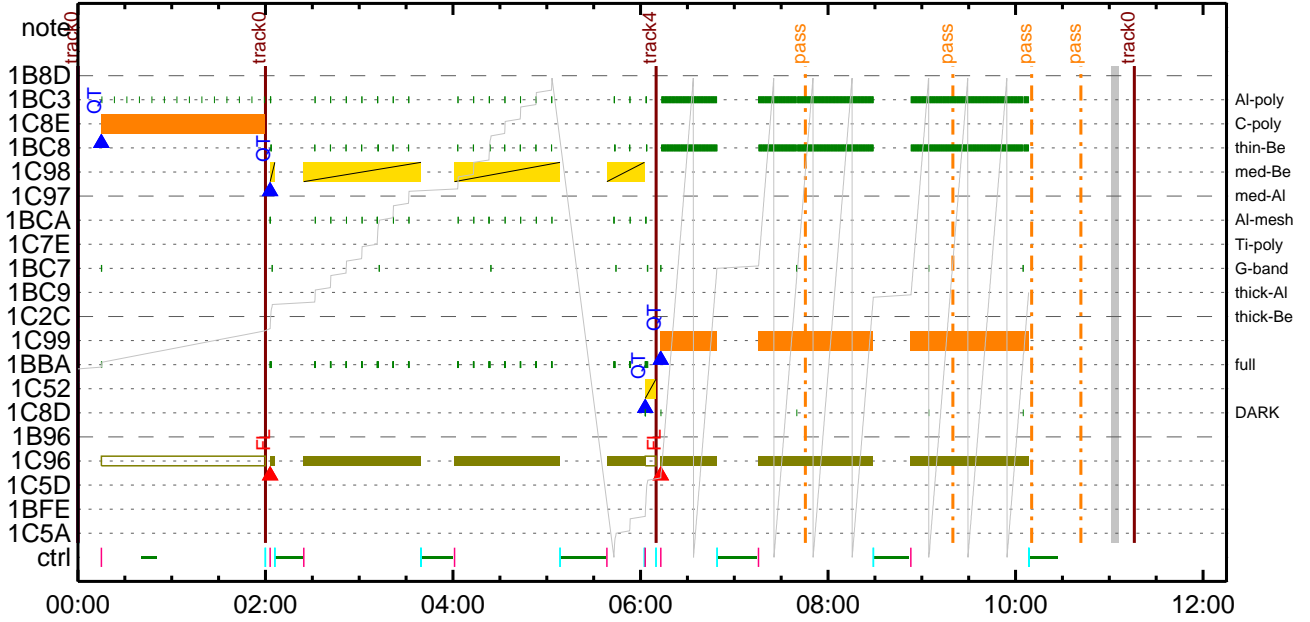
exported #20201117002 2020/11/18



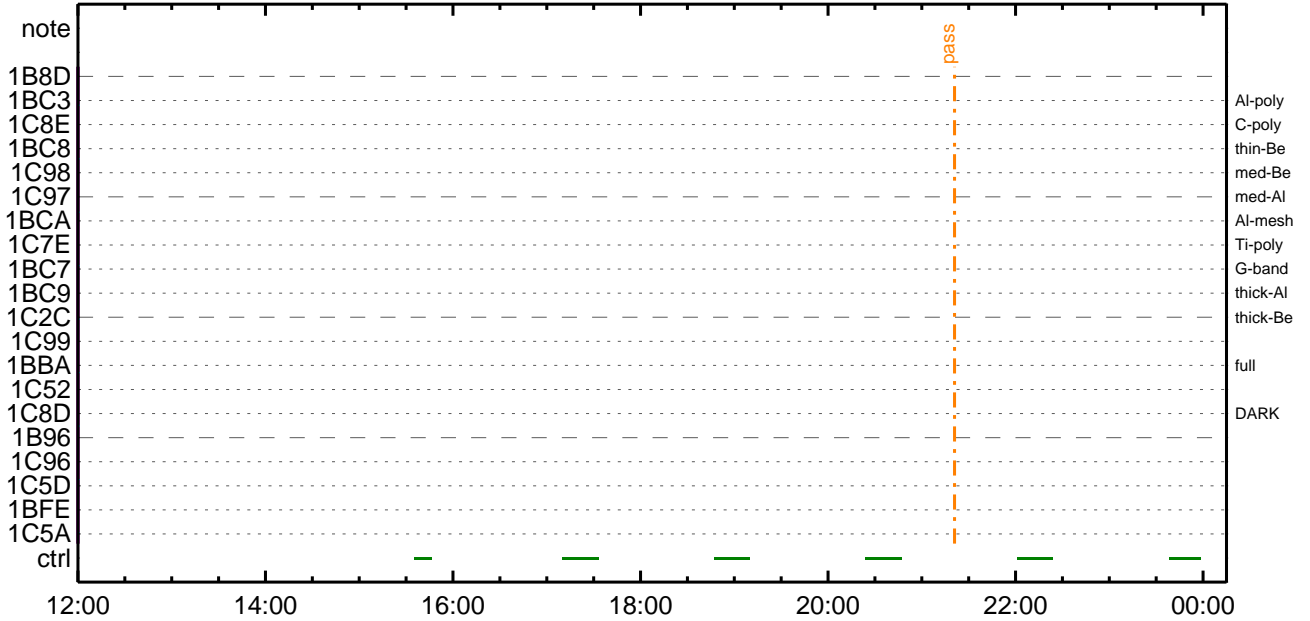
exported #20201117002 2020/11/18



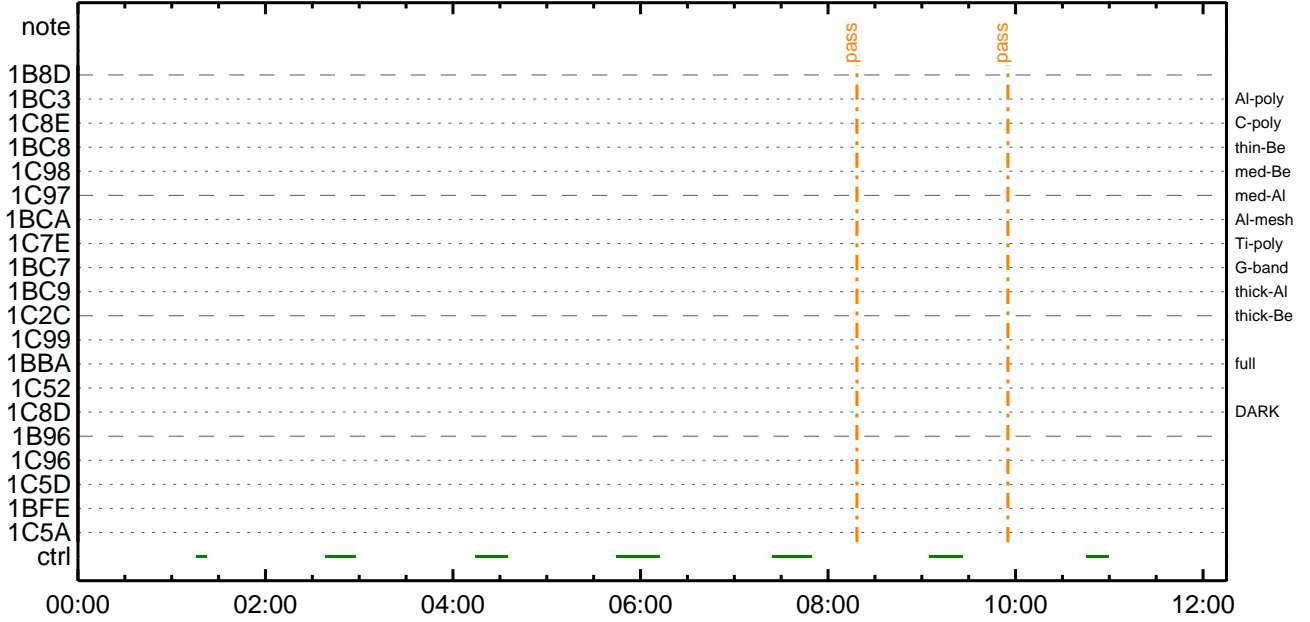
exported #20201117002 2020/11/19



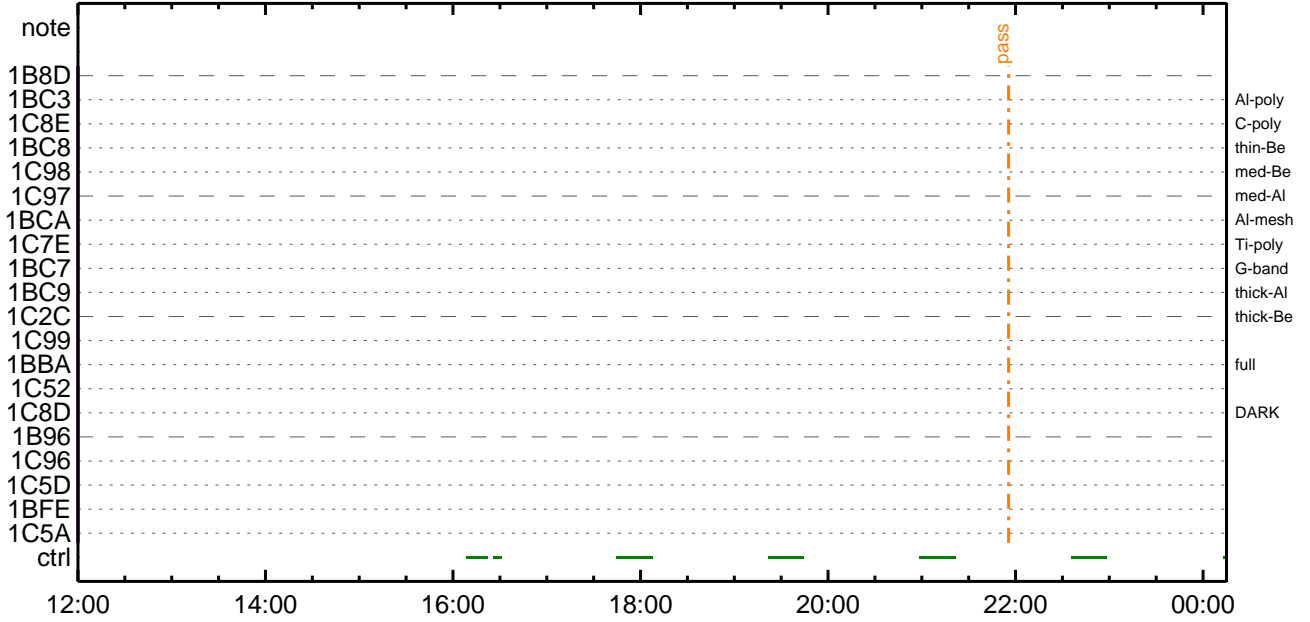
exported #20201117002 2020/11/19



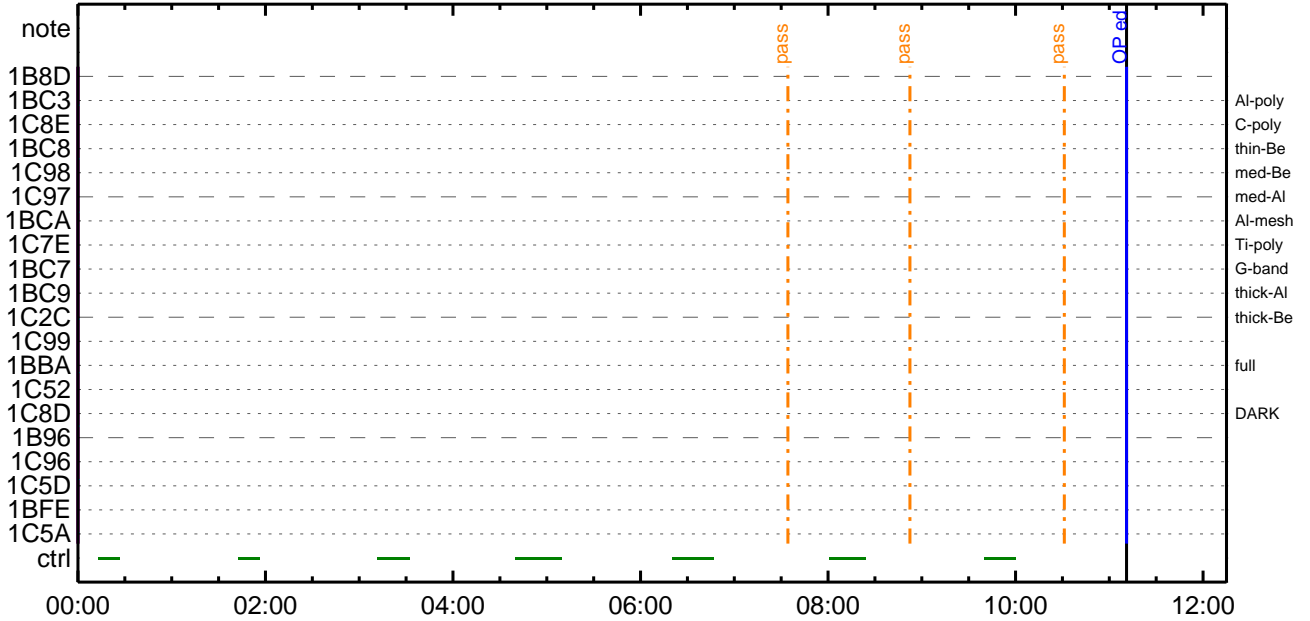
exported #20201117002 2020/11/20

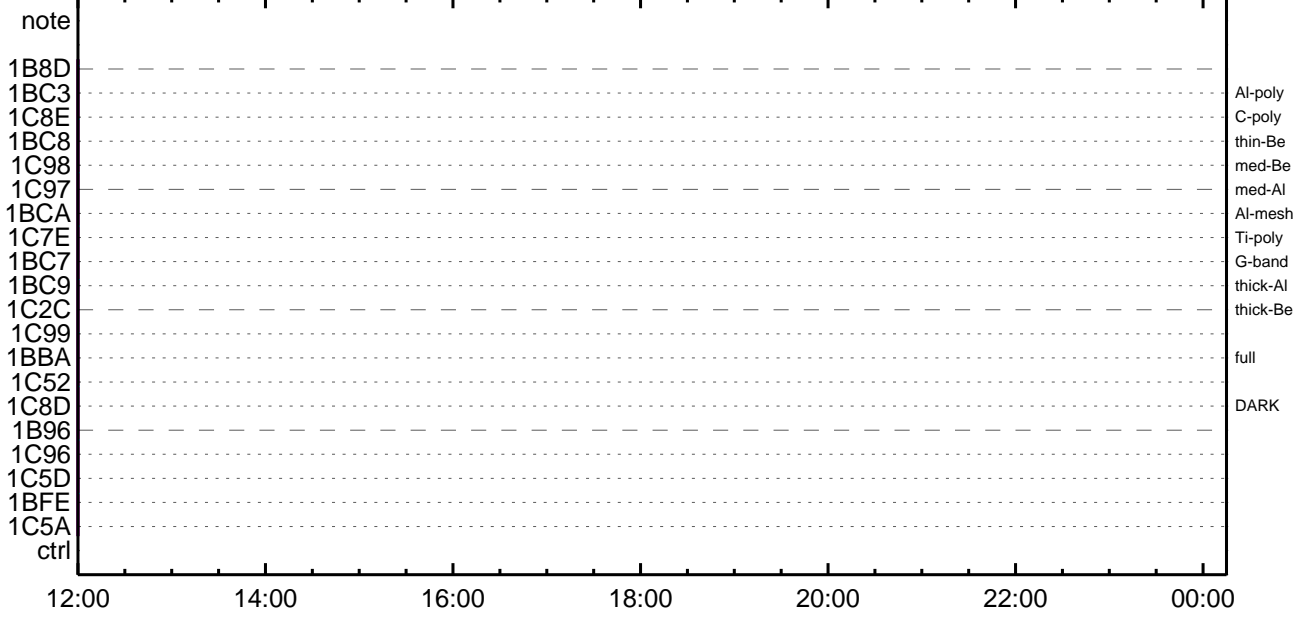


exported #20201117002 2020/11/20



exported #20201117002 2020/11/21





(a) Spacecraft Operation Procedure (real-commands)

```
main-648 2020-11-16 14:47:16 22 33 SOLAR-B MAIN //
0001 . C. This is the dummy sequence to avoid some errors in CO-PLAN check.
0002 . S. OP      op-648:OP
0003 . ( )
0004 . S. OG      og-648:OG
0005 . ( )
0006 +. TI 2020-11-17 11:29:00.0
0007   DC 01-B3 DHU_OP_STOP
0008 +. TI 2020-11-17 11:29:01.0
0009   DC 01-B4 DHU_OP_COPY
0010 +. TI 2020-11-17 11:29:01.0
0011   DC 01-B5 DHU_OPOG_COPY
0012 +. TI 2020-11-17 11:33:59.5
0013   DC 01-B2 DHU_OP_START
0014   C.
0015   C. ***** XRT START *****
0016   C. Execute, after the success of OP upload.
0017 +. TI 2020-11-17 11:33:00.0
0018   DC 07-F0 MDP_XRT_MODE_STBY
0019   BC      (c3)
0020 . C.                [   ] [HK1_TI_CMD_NUM]    EQ    1COUNTUP
0021   C.
0022   C. ***** XRT END *****
```

(a) Spacecraft Operation Procedure (real-commands)

main-649 2020-11-16 14:47:16 1 33 SOLAR-B MAIN //

0001 . C. This is the dummy sequence to avoid some errors in CO-PLAN check.

(a) Spacecraft Operation Procedure (real-commands)

```
main-650 2020-11-16 14:47:16 78 33 SOLAR-B MAIN //
0001 . C. This is the dummy sequence to avoid some errors in CO-PLAN check.
0002 C.
0003 C. ***** XRT START *****
0004 C.
0005 +. DC 07-F0 MDP_XRT_CTRL_MANU
0006 BC (c1)
0007 + DC 07-F0 MDP_XRT_MODE_STBY
0008 BC (c3)
0009 . C. ----- Success Verify ? OK / NG ____
0010 C.
0011 C. XRT Obs. Table Upload
0012 . S. RAM ram-291:MDP_OBS_X
0013 ( )
0014 C.
0015 +. DC 07-F0 MDP_DUMP_XRTTBL
0016 BC (84 07 00 00 00 3a d4)
0017 . C. ----- Comparison Check ? OK / ERR ____
0018 C.
0019 C.
0020 +. DC 07-F0 MDP_XRT_ROI_SET
0021 BC (cd 01 b1 b1 04 04)
0022 + DC 07-F0 MDP_XRT_ROI_SET
0023 BC (cd 02 b1 b1 08 08)
0024 + DC 07-F0 MDP_XRT_ROI_SET
0025 BC (cd 03 b1 b1 08 08)
0026 + DC 07-F0 MDP_XRT_ROI_SET
0027 BC (cd 04 b1 b1 06 06)
0028 + DC 07-F0 MDP_XRT_ROI_SET
0029 BC (cd 05 85 83 06 06)
0030 + DC 07-F0 MDP_XRT_ROI_SET
0031 BC (cd 06 80 80 20 20)
0032 + DC 07-F0 MDP_XRT_ROI_SET
0033 BC (cd 07 80 80 08 08)
0034 + DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 08 c0 c0 10 10)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 09 40 c0 10 10)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 0a 40 40 10 10)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 0b c0 40 10 10)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 0c 80 80 20 08)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 0d 80 80 08 20)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 0e 85 83 06 06)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 0f 80 80 06 06)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 10 80 80 08 08)
0052 + DC 07-F0 MDP_XRT_FLD_ENA
0053 BC (d8)
0054 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0055 BC (c8)
0056 + DC 07-F0 MDP_XRT_ARS_DIS
0057 BC (d5)
0058 + DC 07-F0 MDP_XRT_AEC_RESET
0059 BC (d0)
0060 + DC 07-F0 MDP_XRT_FLD_RESET
0061 BC (da)
0062 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0063 BC (c4 10)
0064 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0065 BC (c5 04)
0066 . C. ----- Success Verify ? OK / NG ____
0067 C.
0068 C.
0069 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0070 C.
0071 +. DC 07-F0 MDP_XRT_MODE_OBSV
0072 BC (c2)
0073 +. TI 2020-11-17 11:33:02.0
0074 DC 07-F0 MDP_XRT_MODE_OBSV
0075 BC (c2)
0076 . C. ----- Success Verify ? OK / NG ____
0077 C.
0078 C. ***** XRT END *****
```

*** OP Sequence for XRT ***

```

2020/11/18 06:00:00.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/11/18 06:00:02.0 XRT_TCIB_XRT_S_HTR_A_DIS_429_OG [0x1ad]
                        TCIB_XRT_S_HTR_A_DIS 0 04-C0
2020/11/18 11:55:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/11/18 11:55:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/11/18 11:55:58.0 XRT_FOCUS_RECALIBRATE_427_OG [0x1ab]
                        XRT_FOCUS_RECAL 2 07-F8 78 00
2020/11/18 11:59:58.0 XRT_FOCUS_POSITION_425_OG [0x1a9]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2020/11/18 12:02:52.0 XRT_ARS_DIS_444_OG [0x1bc]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2020/11/18 12:02:54.0 XRT_FLRCTRL_DIS_428_OG [0x1ac]
                        MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2020/11/18 12:02:56.0 XRT_FLD_DIS_435_OG [0x1b3]
                        MDP_XRT_FLD_DIS 1 07-F0 d9
2020/11/18 12:02:58.0 XRT_QT_PROG_SET_431_OG [0x1af]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 0c
2020/11/18 12:03:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2020/11/18 12:09:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/11/18 12:09:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/11/18 12:09:58.0 XRT_FOCUS_POSITION_425_OG [0x1a9]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2020/11/18 12:12:52.0 XRT_ARS_DIS_444_OG [0x1bc]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2020/11/18 12:12:54.0 XRT_FLRCTRL_DIS_428_OG [0x1ac]
                        MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2020/11/18 12:12:56.0 XRT_FLD_DIS_435_OG [0x1b3]
                        MDP_XRT_FLD_DIS 1 07-F0 d9
2020/11/18 12:12:58.0 XRT_QT_PROG_SET_442_OG [0x1ba]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 11
2020/11/18 12:13:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2020/11/18 12:19:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/11/18 12:19:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/11/18 12:19:58.0 XRT_FOCUS_POSITION_425_OG [0x1a9]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2020/11/18 12:22:52.0 XRT_ARS_DIS_444_OG [0x1bc]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2020/11/18 12:22:54.0 XRT_FLRCTRL_DIS_428_OG [0x1ac]
                        MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2020/11/18 12:22:56.0 XRT_FLD_DIS_435_OG [0x1b3]
                        MDP_XRT_FLD_DIS 1 07-F0 d9
2020/11/18 12:22:58.0 XRT_QT_PROG_SET_447_OG [0x1bf]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 0b
2020/11/18 12:23:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2020/11/18 12:29:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/11/18 12:29:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/11/18 12:29:58.0 XRT_FOCUS_POSITION_425_OG [0x1a9]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2020/11/18 12:32:52.0 XRT_ARS_DIS_444_OG [0x1bc]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2020/11/18 12:32:54.0 XRT_FLRCTRL_DIS_428_OG [0x1ac]
                        MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2020/11/18 12:32:56.0 XRT_FLD_DIS_435_OG [0x1b3]
                        MDP_XRT_FLD_DIS 1 07-F0 d9
2020/11/18 12:32:58.0 XRT_QT_PROG_SET_436_OG [0x1b4]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 0e
2020/11/18 12:33:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2020/11/18 12:39:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/11/18 12:39:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/11/18 12:39:58.0 XRT_FOCUS_POSITION_406_OG [0x196]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2020/11/18 12:40:18.0 XRT_FLD_DIS_409_OG [0x199]
                        MDP_XRT_FLD_DIS 1 07-F0 d9
2020/11/18 12:40:20.0 XRT_FLRCTRL_DIS_413_OG [0x19d]
                        MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2020/11/18 12:40:22.0 XRT_ARS_DIS_443_OG [0x1bb]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2020/11/18 12:42:58.0 XRT_QT_PROG_SET_420_OG [0x1a4]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 14
2020/11/18 12:43:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2020/11/18 12:49:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/11/18 12:49:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/11/18 12:49:58.0 XRT_FOCUS_POSITION_410_OG [0x19a]

```

2020/11/18	12:50:18.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00		
		MDP_XRT_FLD_ENA		1	07-F0	d8					
2020/11/18	12:50:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8					
2020/11/18	12:50:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0					
2020/11/18	12:50:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5					
2020/11/18	12:50:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da					
2020/11/18	12:52:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f				
2020/11/18	12:52:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04				
2020/11/18	12:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2020/11/18	15:03:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1					
2020/11/18	15:03:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1					
2020/11/18	15:03:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da					
2020/11/18	15:03:06.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2020/11/18	15:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2020/11/18	15:09:00.0	XRT_Custom_430_OG [0x1ae]									
2020/11/18	15:10:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2020/11/18	16:35:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1					
2020/11/18	16:35:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1					
2020/11/18	16:35:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da					
2020/11/18	16:35:36.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2020/11/18	16:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2020/11/18	16:59:00.0	XRT_Custom_430_OG [0x1ae]									
2020/11/18	17:00:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2020/11/18	17:47:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1					
2020/11/18	17:47:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1					
2020/11/18	17:47:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00		
2020/11/18	17:48:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9					
2020/11/18	17:48:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9					
2020/11/18	17:48:22.0	XRT_ARS_DIS_443_OG [0x1bb]	MDP_XRT_ARS_DIS	1	07-F0	d5					
2020/11/18	17:50:58.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07				
2020/11/18	17:51:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2020/11/18	17:57:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1					
2020/11/18	17:57:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1					
2020/11/18	17:57:58.0	XRT_ROI_A_439_OG [0x1b7]	MDP_XRT_ROI_SET	6	07-F0	cd	05	85	83	06	06
			MDP_XRT_ROI_SET	6	07-F0	cd	06	80	80	20	20
			MDP_XRT_ROI_SET	6	07-F0	cd	07	80	80	08	08
			MDP_XRT_ROI_SET	6	07-F0	cd	08	85	83	08	08
			MDP_XRT_ROI_SET	6	07-F0	cd	09	80	60	20	18
			MDP_XRT_ROI_SET	6	07-F0	cd	0a	a0	80	18	20
			MDP_XRT_ROI_SET	6	07-F0	cd	0c	80	80	20	08
			MDP_XRT_ROI_SET	6	07-F0	cd	0d	80	80	08	20
2020/11/18	17:57:58.5	XRT_ROI_B_405_OG [0x195]	MDP_XRT_ROI_SET	6	07-F0	cd	0d	80	80	08	20
			MDP_XRT_ROI_SET	6	07-F0	cd	0f	80	80	06	06
			MDP_XRT_ROI_SET	6	07-F0	cd	10	80	80	08	08
2020/11/18	17:58:03.5	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00		
2020/11/18	17:58:23.5	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8					
2020/11/18	17:58:25.5	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8					
2020/11/18	17:58:27.5	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0					
2020/11/18	17:58:29.5	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5					
2020/11/18	17:58:31.5	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da					
2020/11/18	18:01:01.5	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13				
2020/11/18	18:01:03.5	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04				
2020/11/18	18:01:05.5	XRT_CTRL_AUTO_408_OG [0x198]									

2020/11/18	18:12:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/11/18	18:12:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/11/18	18:12:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/11/18	18:12:06.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/11/18	18:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/11/18	18:35:30.0	XRT_Custom_430_OG [0x1ae]					
2020/11/18	18:36:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/11/18	19:49:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/11/18	19:49:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/11/18	19:49:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/11/18	19:49:06.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/11/18	19:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/11/18	20:12:00.0	XRT_Custom_430_OG [0x1ae]					
2020/11/18	20:13:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/11/18	21:26:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/11/18	21:26:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/11/18	21:26:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/11/18	21:26:06.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/11/18	21:29:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/11/18	21:49:30.0	XRT_Custom_430_OG [0x1ae]					
2020/11/18	21:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/11/18	21:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/11/18	21:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/11/18	21:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2020/11/18	22:00:18.0	XRT_FLD_DIS_414_OG [0x19e]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2020/11/18	22:14:54.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2020/11/18	22:14:56.0	XRT_ARS_DIS_444_OG [0x1bc]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2020/11/18	22:14:58.0	XRT_QT_PROG_SET_437_OG [0x1b5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06	
2020/11/18	22:15:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/11/18	23:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/11/18	23:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/11/18	23:59:58.0	XRT_FOCUS_POSITION_417_OG [0x1a1]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2020/11/19	00:00:18.0	XRT_FLD_DIS_414_OG [0x19e]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2020/11/19	00:14:54.0	XRT_ARS_DIS_444_OG [0x1bc]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2020/11/19	00:14:56.0	XRT_FLRCTRL_DIS_428_OG [0x1ac]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2020/11/19	00:14:58.0	XRT_QT_PROG_SET_426_OG [0x1aa]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12	
2020/11/19	00:15:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/11/19	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/11/19	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/11/19	01:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2020/11/19	02:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2020/11/19	02:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2020/11/19	02:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2020/11/19	02:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2020/11/19	02:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/11/19	02:02:56.0	XRT_QT_PROG_SET_441_OG [0x1b9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10	
2020/11/19	02:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2020/11/19	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]					

2020/11/19	02:06:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/11/19	02:06:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/11/19	02:06:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/11/19	02:06:06.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/11/19	02:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/11/19	02:23:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/11/19	02:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/11/19	03:39:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/11/19	03:39:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/11/19	03:39:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/11/19	03:39:36.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/11/19	03:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/11/19	04:00:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/11/19	04:01:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/11/19	05:08:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/11/19	05:08:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/11/19	05:08:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/11/19	05:08:36.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/11/19	05:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/11/19	05:37:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/11/19	05:38:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/11/19	06:02:30.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/11/19	06:02:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/11/19	06:02:34.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2020/11/19	06:02:54.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2020/11/19	06:02:56.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2020/11/19	06:02:58.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2020/11/19	06:03:00.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2020/11/19	06:03:02.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/11/19	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/11/19	06:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/11/19	06:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2020/11/19	06:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2020/11/19	06:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2020/11/19	06:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2020/11/19	06:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2020/11/19	06:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/11/19	06:12:56.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2020/11/19	06:12:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2020/11/19	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/11/19	06:49:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/11/19	06:49:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/11/19	06:49:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/11/19	06:49:06.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/11/19	06:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/11/19	07:14:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/11/19	07:15:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/11/19	08:29:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1

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2020/11/19	08:29:02.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2020/11/19	08:29:04.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2020/11/19	08:29:06.0	XRT_PREFLR_STRT_407_OG [0x197]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2020/11/19	08:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2020/11/19	08:52:00.0	XRT_Custom_430_OG [0x1ae]		
2020/11/19	08:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2020/11/19	10:08:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2020/11/19	10:08:32.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2020/11/19	10:08:34.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2020/11/19	10:08:36.0	XRT_PREFLR_STRT_407_OG [0x197]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2020/11/19	10:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9