

XRT Timeline to be uploaded on 2019/06/11

Period: 2019/06/11 10:20:00 - 2019/06/15 11:15:00

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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
06/12 12:03:00 - 06/12 12:09:54	Fixed (-528.4, -528.4)	XRT Post-Bakeout Q1
PROG= 20 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
06/12 12:13:00 - 06/12 12:19:54	Fixed (528.4, -528.4)	XRT Post-Bakeout Q2
PROG= 12 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
06/12 12:23:00 - 06/12 12:29:54	Fixed (528.4, 528.4)	XRT Post-Bakeout Q3
PROG= 16 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
06/12 12:33:00 - 06/12 12:39:54	Fixed (-528.4, 528.4)	XRT Post-Bakeout Q4
PROG= 08 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 #1C1B: Synoptic Q95 2x2 - Al/mesh(512/2048/5796) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(512/4096/8192)

Term	Pointing (x, y)	Comment											
06/12 12:43:00 - 06/12 12:49:54	Fixed (0.0, 0.0)	Synoptic											
PROG= 06	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= 78	1-time(s)	2.0sec											
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	5.66s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Seqn= 82	1-time(s)	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
Al-poly/Open	Al-poly/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Seqn= 52	1-time(s)	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
thin-Be/Open	thin-Be/Open	close	Safe	Norm	32.0s	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 #1BA9: 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											
06/12 13:22:00 - 06/12 17:46:00	Track (681.0, 49.9) @ 06/12 12:50:00	AR tracking											
06/12 18:39:30 - 06/13 01:56:30	Track (716.5, 50.0) @ 06/12 18:36:30	AR tracking											
06/13 06:09:30 - 06/13 10:01:54	Track (780.4, 50.5) @ 06/13 06:06:30	AR tracking											
PROG= 01	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	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	8-time(s)	30.0sec											
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 #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											
06/12 18:29:30 - 06/12 18:36:24	Fixed (0.0, 0.0)	synoptic, shifted 26.5 min											
06/13 05:59:30 - 06/13 06:06:24	Fixed (0.0, 0.0)	synoptic, shifted -3.5 min											
PROG= 19	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= 12	1-time(s)	2.0sec											
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
Seqn= 82		1-time(s)	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
Al-poly/Open	Al-poly/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 52		1-time(s)	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
thin-Be/Open	thin-Be/Open	close	Safe	Norm	32.0s	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= 17		1-time(s)	2.0sec									
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
Seqn= 97		1-time(s)	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
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	

XOB #1C51: HOP349 - 3-filter Synoptics (Al-mesh[128/1024/5795], Al-poly[256/4096/8192], thin-Be[2048/16384/32768] with 512x512 G-band+Leak(1064,1048)

Term	Pointing (x, y)	Comment
06/13 02:28:30 - 06/13 05:56:24	Fixed (0.0, 0.0)	HOP 349 for XRT Synoptics

PROG= 18 Inf.-time(s)

Subr= 1		1-time(s)	300.0sec									
Seqn= 88		1-time(s)	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	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 50		1-time(s)	2.0sec									
Al-poly/Open	Al-poly/Open	close	Safe	Norm	250ms	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
Seqn= 56		1-time(s)	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	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
Seqn= 81		1-time(s)	2.0sec									
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1064, 1048)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1064, 1048)	Q=95	0	0	2.0sec
Subr= 2		5-time(s)	420.0sec									
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	

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Flare mode

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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)

Term	Pointing (x, y)	Comment
06/12 13:22:00 - 06/12 17:46:00	Track (681.0, 49.9) @ 06/12 12:50:00	AR tracking
06/12 18:39:30 - 06/13 01:56:30	Track (716.5, 50.0) @ 06/12 18:36:30	AR tracking
06/13 02:28:30 - 06/13 05:56:24	Fixed (0.0, 0.0)	HOP 349 for XRT Synoptics
06/13 06:09:30 - 06/13 10:01:54	Track (780.4, 50.5) @ 06/13 06:06:30	AR tracking

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-AI	Open/thick-AI	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-AI	Open/thick-AI	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

* * * * *

NOT USED

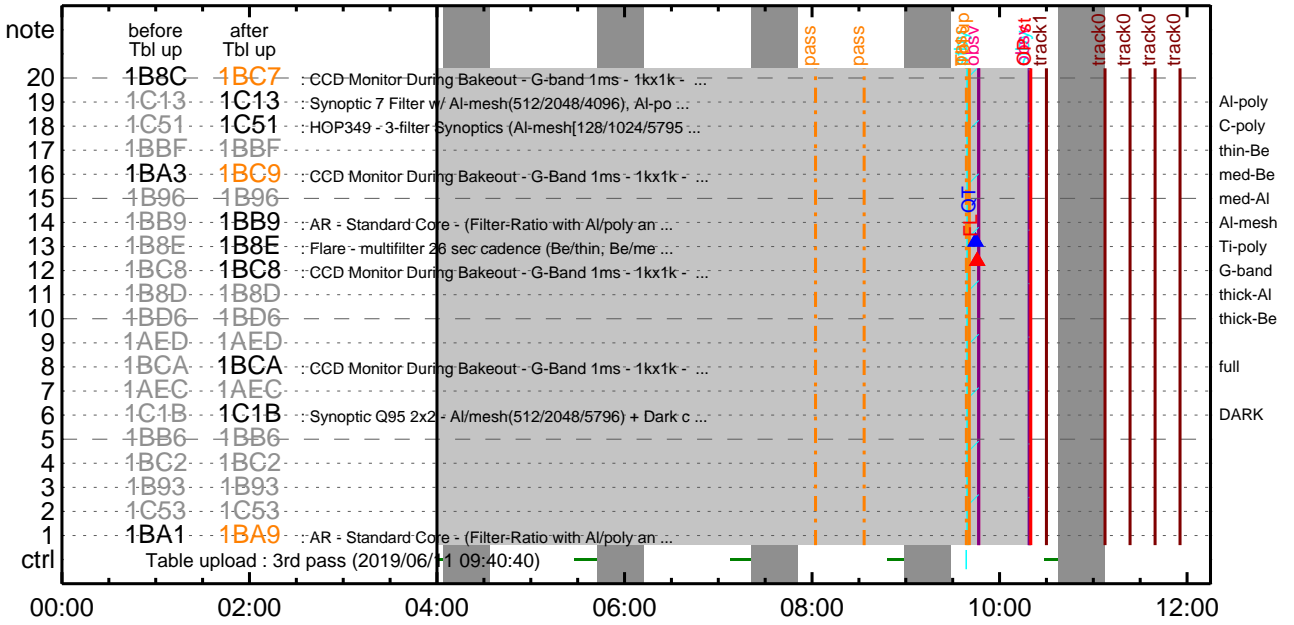
* * * * *

Flare Detection

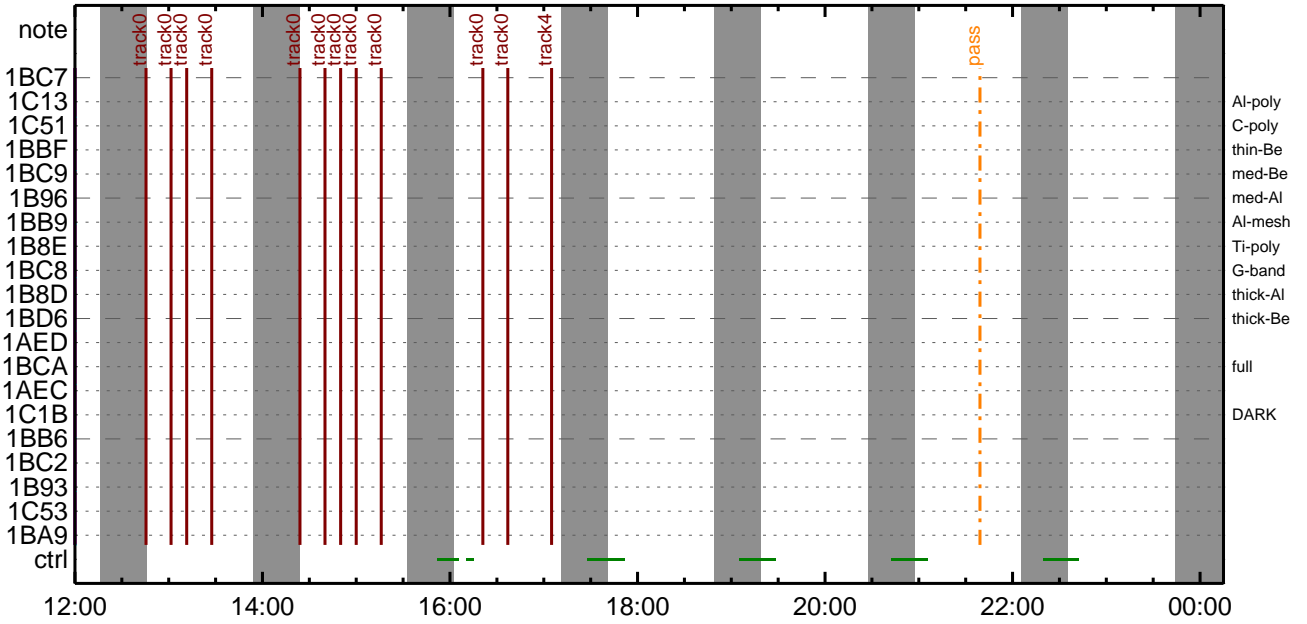
* * * * *

FLD Patrol												
Term	Pointing (x, y)					Comment						
06/12 12:50:18 - 06/12 18:26:48	Track (	681.0,	49.9)	@ 06/12 12:50:00	AR tracking							
06/12 18:36:48 - 06/13 05:56:48	Track (	716.5,	50.0)	@ 06/12 18:36:30	AR tracking							
06/13 06:06:48 - 06/15 11:15:00	Track (	780.4,	50.5)	@ 06/13 06:06:30	AR tracking							
AI-poly/Open	AI-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	

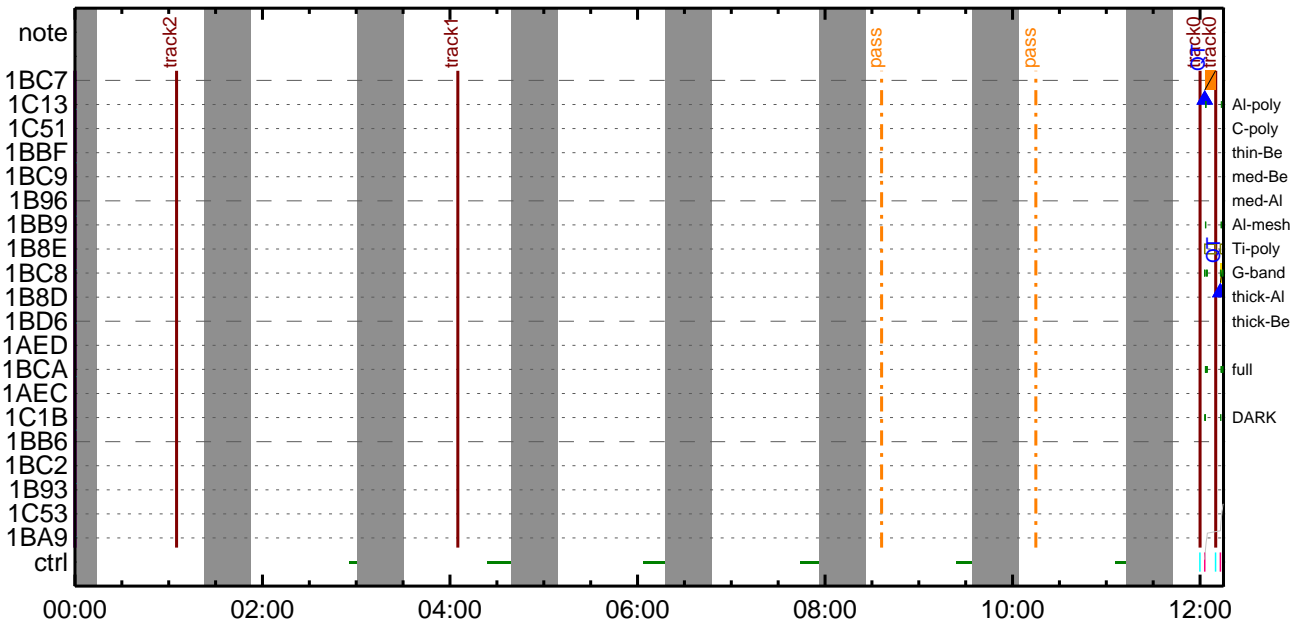
CMDI #0285 2019/06/11



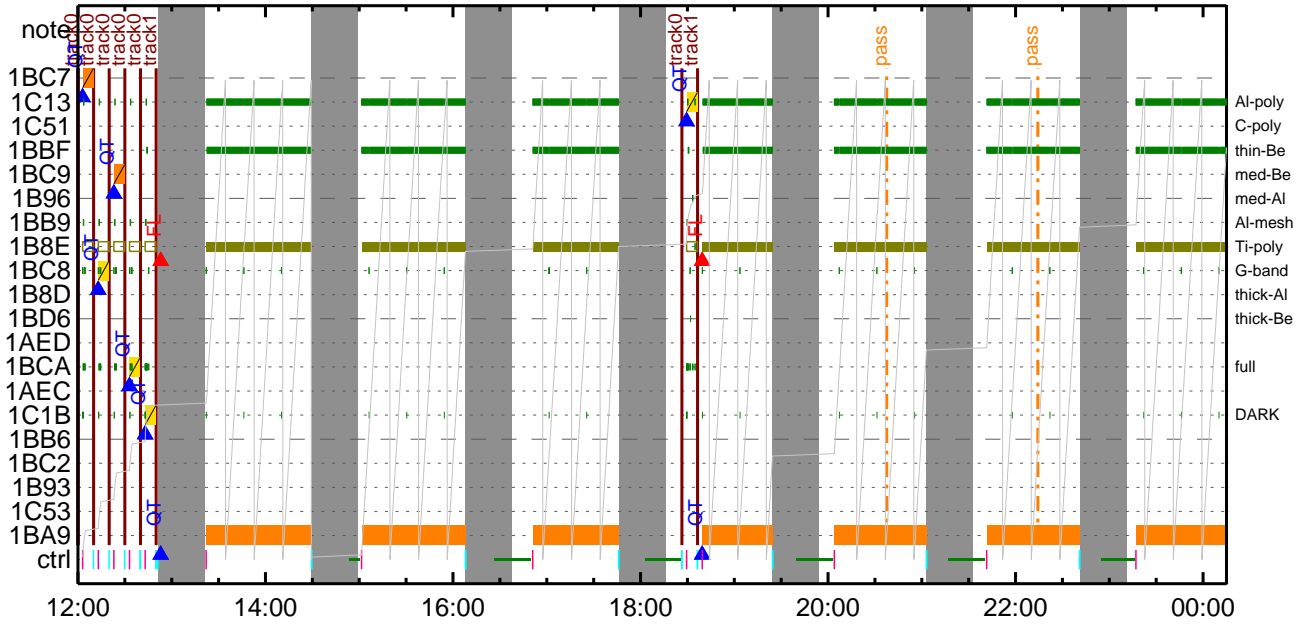
CMDI #0285 2019/06/11



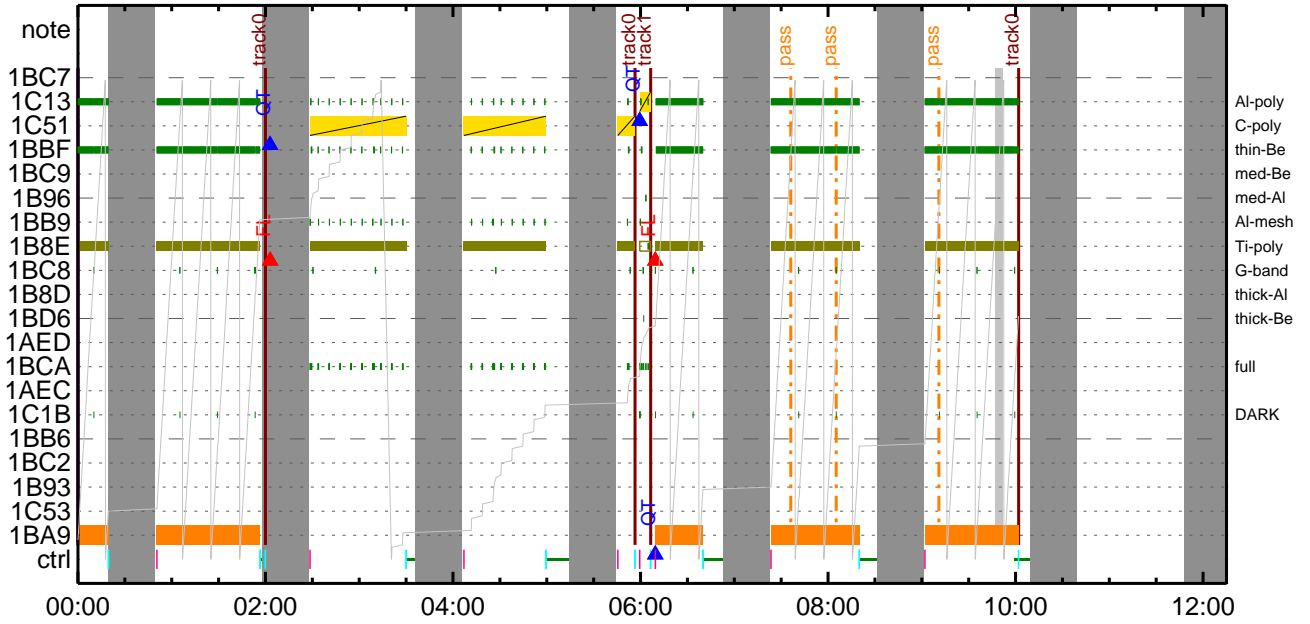
CMDI #0285 2019/06/12



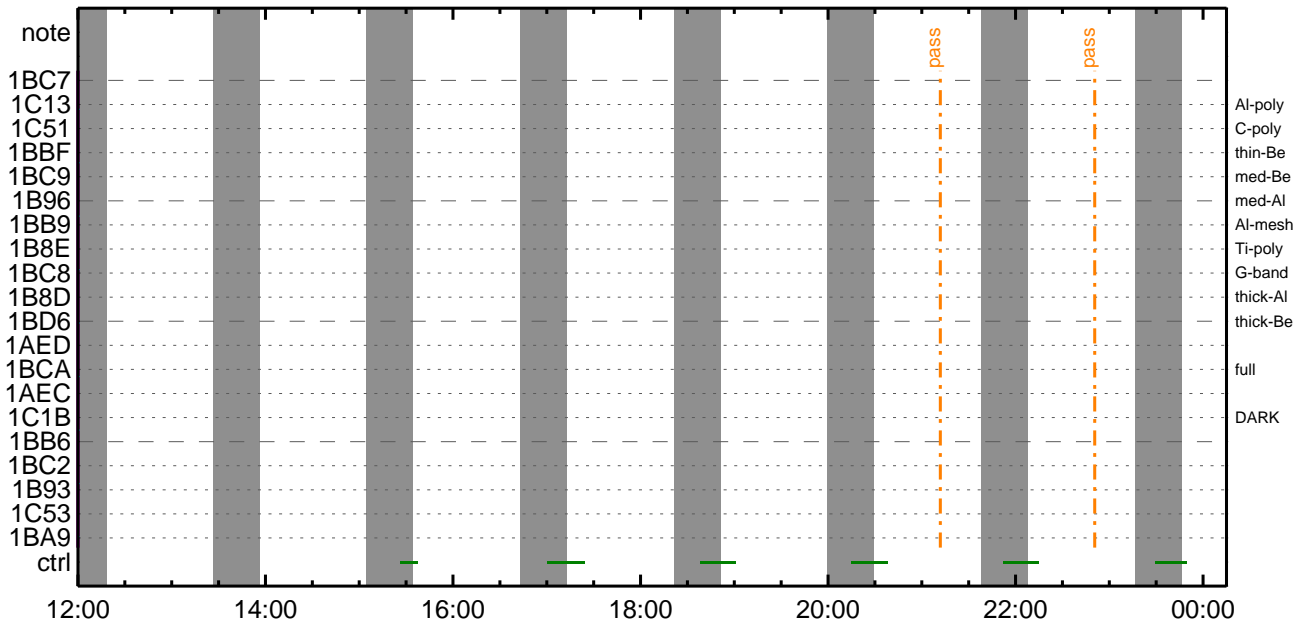
CMDI #0285 2019/06/12



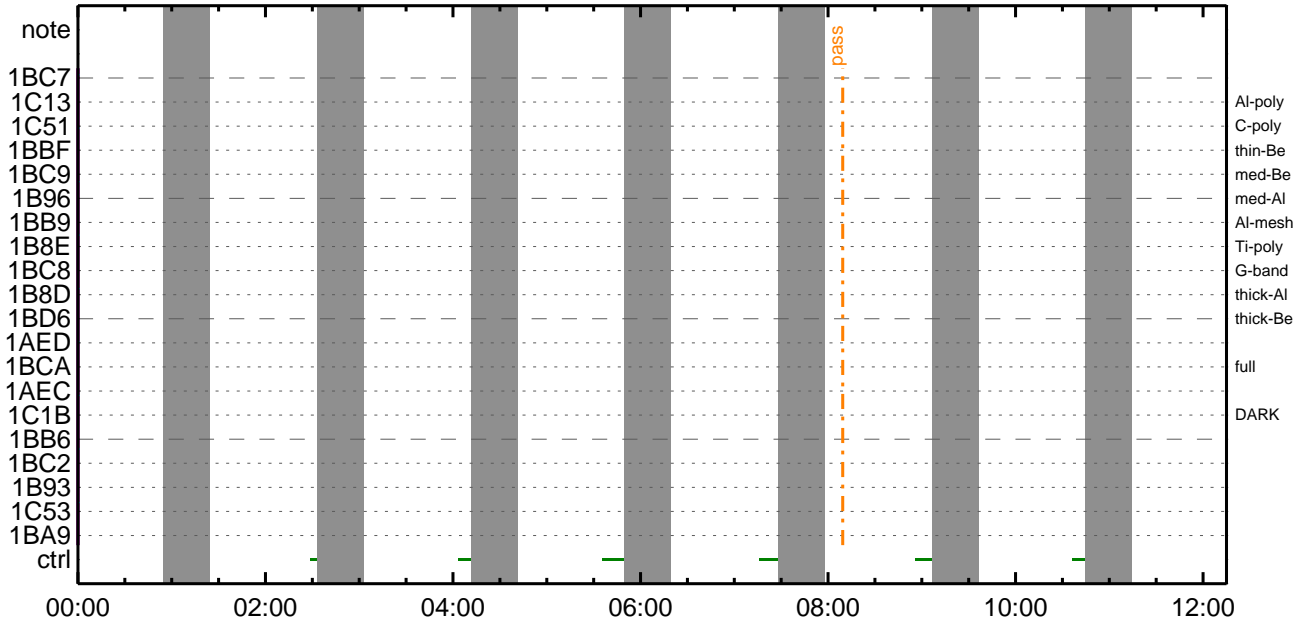
CMDI #0285 2019/06/13



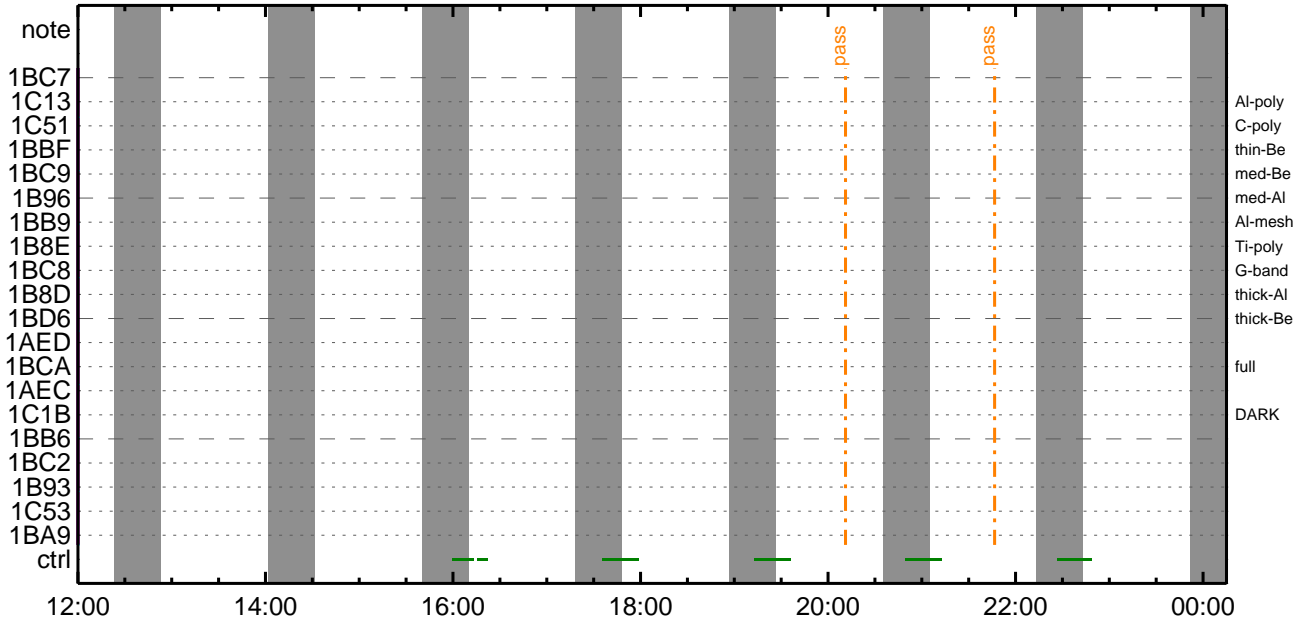
CMDI #0285 2019/06/13



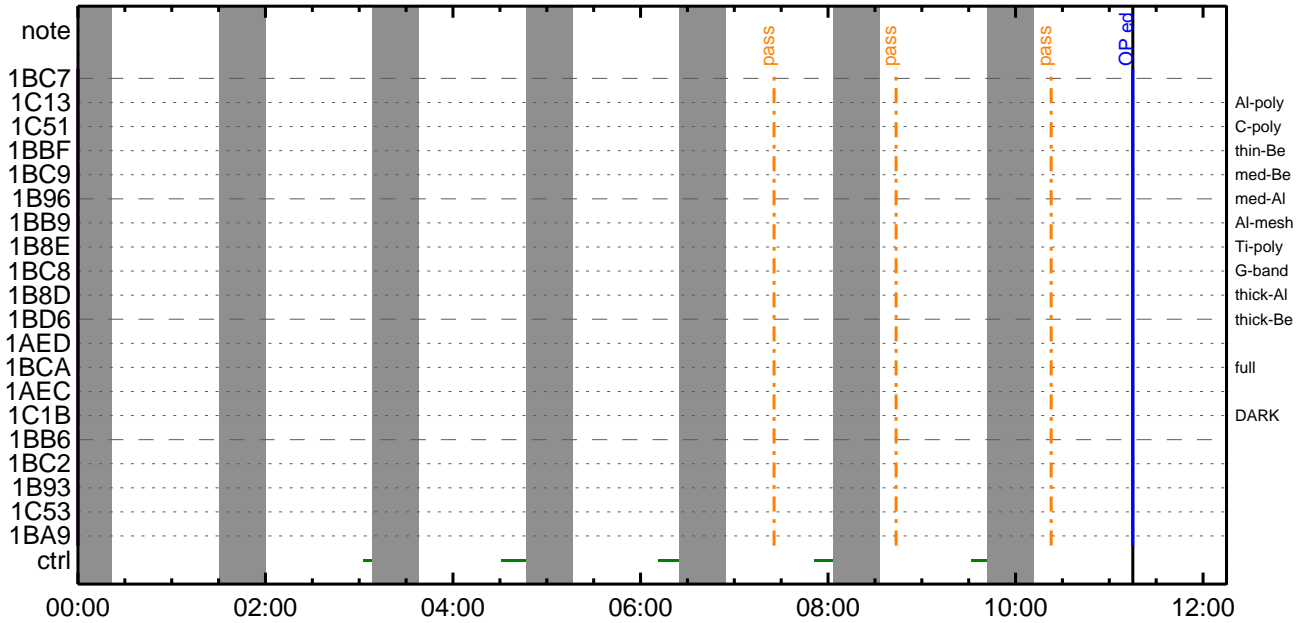
CMDI #0285 2019/06/14



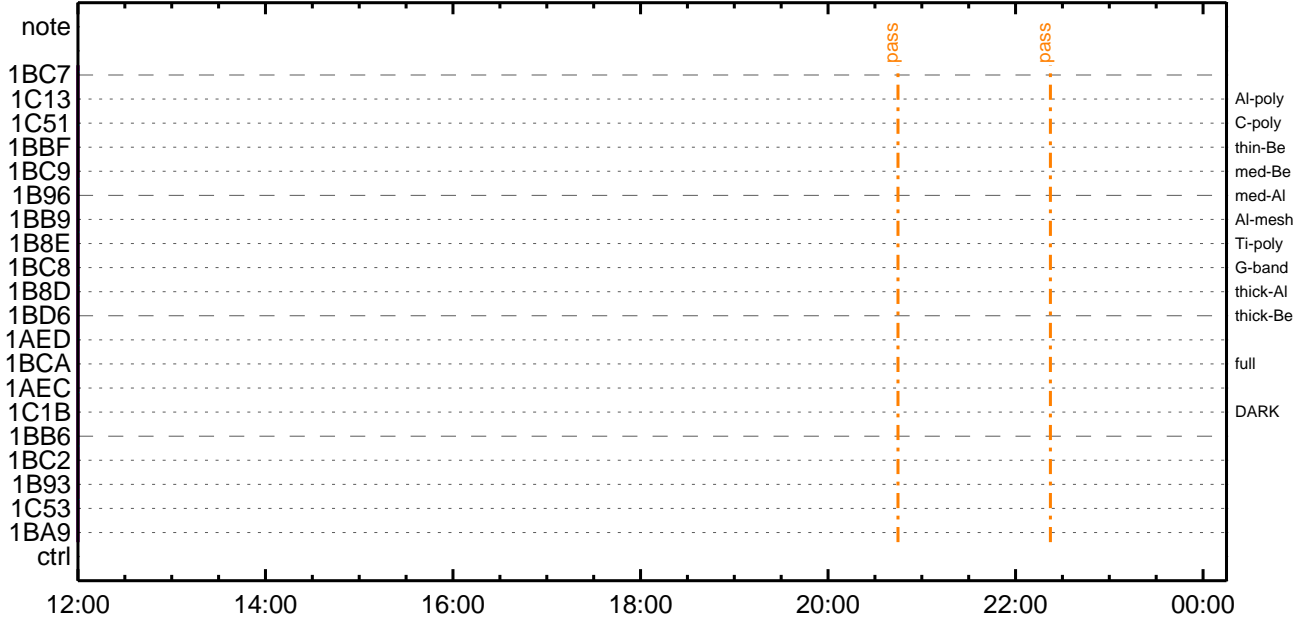
CMDI #0285 2019/06/14



CMDI #0285 2019/06/15



CMDI #0285 2019/06/15




```

0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;ä
0100 C. *****
0101 C.
0102 C. ;äOP/OGY1;4YE;ä
0103 S. OP op-154:OP
0104 ( )
0105 S. OG og-154:OG
0106 ( )
0107 C.
0108 C. ;änMOG&OPfî°èYÄYóYx;ä
0109 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç[HK1_PKT_FORM_NO] EQ 7
0120 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 C. YÄYóYx½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOGñî¼E¹ç•è²îOKò³îÇ§
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. çç[HK1_PKT_FORM_NO] EQ 7
0139 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 C. YÄYóYx½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOGñî¼E¹ç•è²îOKò³îÇ§
0146 C.
0147 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. çç[HK1_PKT_FORM_NO] EQ 7
0158 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 C. YÄYóYx½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OPñî¼E¹ç•è²îOKò³îÇ§
0165 C.
0166 C. ***** òE²¼òî¼Ä´¶Á°òEÉ¬ò°Á÷¿@ (¼âµ-YÄYóYx½ªî»ò³îÇ§òÄÖÄæòÇ¼ª°¬òE¼î¹çòÇòâ) *****
0167 C. DHUYâ;4YE;E¼Y½;Yî;4YE;Eòðîã¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç[HK1_PKT_FORM_NO] EQ 2
0171 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 C. NOTICE ;§ OPOG UPLOAD¬-Á÷¿@NGñî¼E¹ç;ç°E²¼òî¼TI-CMDÁ÷¿@ñî¼Ä¹òª°¬òEòò³òE;f
0180 C. òEò¿;çSETòEDUMPAîE±òîYÑY¹ç¹òñ|ò³òE;f
0181 C.
0182 C. TIY³YþYóYÉòðÄDî¿(UT)
0183 +. TI 2019-06-11 10:15:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2019-06-11 10:15:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2019-06-11 10:15:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

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```
0194 C.
0195 +. TI 2019-06-11 10:19:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          çç[HK1_TI_CMD_NUM]                EQ      1COUNTUP
0198 C.
0199 C. °Ê²¼ºíÄë%íîñºîŷÁŷ$ŷÁŷ¹àîŮ
0200 C.          çç[HK1_TI_CMD_ENA/DIS]            EQ      ENA
0201 C.          çç[HK1_TI_CMD_NUM]                EQ      4
0202 C.          çç[HK1_NEXT_EXEC_PIM]            EQ      DHU
0203 C.          çç[HK1_NEXT_EXEC_DC]            EQ      0xB3
0204 C.
0205 C. *****
0206 C. TIîŮ°èŷÁŷÓŷ×
0207 C. *****
0208 C.
0209 C. TI_TBL(0x03AB00-0x03AEFF;$ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC      (03 ab 03 01 02)
0212 C.          çç[HK1_DMP_TOP_ADRS_1]          EQ      07
0213 C.          çç[HK1_DMP_TOP_ADRS_0]          EQ      2B
0214 C.          çç[HK1_DMP_BLOCK_NUM]           EQ      3
0215 C.          çç[HK1_DMP_REPEAT_NUM]         EQ      0
0216 C.          çç[HK1_DMA_DMP_PIM]            EQ      DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC      (07 0b f8)
0219 C.          çç[HK1_PKT_FORM_NO]             EQ      7
0220 C.          çç[HK1_PKT_GEN_TIME]            EQ      0.25 s
0221 C.          çç[HK1_S_TLM_BIT_RATE]         EQ      32k
0222 C.          çç[HK1_X_TLM_BIT_RATE]         EQ      4M
0223 C.          çç[HK1_DMP_CHK_FLG]            EQ      EXEC
0224 C.
0225 C. ŷÁŷÓŷ×½ªî»º³îÇ$
0226 C.          çç[HK1_DMP_CHK_FLG]            EQ      NON
0227 C.
0228 C. RAM ID=TI_TBLºîŷ¹çºè²îOKºº³îÇ$
0229 C.
0230 C. DHUŷâ;¼ŷÉ;Ê¼ŷ¼.ŷî;¼ŷÊ;Ëºðîãº¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC      (02 0a f8)
0233 C.          çç[HK1_PKT_FORM_NO]             EQ      2
0234 C.          çç[HK1_PKT_GEN_TIME]            EQ      0.5S
0235 C.          çç[HK1_S_TLM_BIT_RATE]         EQ      32K
0236 C.          çç[HK1_X_TLM_BIT_RATE]         EQ      4M
0237 C.
0238 C. Stop EIS observation and temporarily disable EIS mode changes
0239 C.
0240 C.
0241 C. ***** Start EIS operation (TI set) *****
0242 C. Execute, after the success of OP upload.
0243 C. Set EIS TI-commands
0244 +. TI 2019-06-11 10:19:30.0
0245 DC 07-FC EIS_MODE_MANU
0246 BC      (21 02)
0247 +. TI 2019-06-11 10:19:40.0
0248 DC 07-FC EIS_MODE_CHG_DIS
0249 BC      (22)
0250 C.          [ ] [HK1_TI_CMD_NUM]            EQ      2 COUNTUP
0251 C. ***** End EIS operation (TI set) *****
0252 C.
0253 C.
0254 C.
0255 C. ***** XRT START *****
0256 C. Execute, after the success of OP upload.
0257 +. TI 2019-06-11 10:19:00.0
0258 DC 07-F0 MDP_XRT_MODE_STBY
0259 BC      (c3)
0260 C.          [ ] [HK1_TI_CMD_NUM]            EQ      1COUNTUP
0261 C.
0262 C. ***** XRT END *****
0263 C.
0264 C. ***** MDP `ûÃîîŮ°ó¼ŷºÈÄº¹ºèDCBC•×²è *****
0265 C. (¼ªºîŷÓŷÁŷËŷŮŷËŷáŷçŷèºº¼ª»Ůº¹ºè)
0266 S. DC-BC dcbc-402:DCBC
0267 (MDP_known_event)
0268 C.
0269 C.
0270 C. ***** ŷÐŷ¹.İ Daily±;îñºè´º¹ºèDCBC•×²è *****
0271 S. DC-BC dcbc-153:DCBC
0272 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0273 C.
0274 C.
0275 C. ¡ãLOSŷÁŷ$ŷÁŷ¹¼ª»Ů;ã
0276 C.
0277 C. ***** LOS *****
0278 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```

main-155 2019-06-11 11:46:28 94 33 SOLAR-B MAIN //
0001 . C.
0002 . C. ***** AOS *****
0003 . C.
0004 . C. ;ãAOSYÄY$YÄY~¼Ä»Û;ã
0005 . C.
0006 . C. YÄYß;¼Y³YF¥ÖYÉÄ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 . C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 . C. ÄÍ;Ëò¿òÀó•µ°È»Í×ÁÇóÍYçYÄY×YÍ;¼YÉ;ËÈè%µ•íÉ;ËóÈ¼°ÇÖó•ò¿¼í¹¿óÍ;çÄ®, ùò¹òèòòòóÇÄ+¿®ó•òÈóóó³òÈ;É
0011 +. DC 02-8E AOCU_ORB_UPD
0012 . C.
0013 . C.
0014 . C. ***** AOCs Commands (Tracking Curve Upload) *****
0015 . C. Upload the Orbit Element and the Target Attitude
0016 . C. RAM-ID:TARGET_ATT
0017 . S. RAM ram-150:TARGET_ATT
0018 . C.
0019 . C.
0020 . C.
0021 . C. Set the dump memory area of TARGET_ATT
0022 +. DC 02-48 AOCU_DUMP_SET
0023 . BC (07 00 00 00 18 00)
0024 . C.
0025 . C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0026 . C.
0027 . C.
0028 . C. Change the TLMFormatNo for the AOCs Dump Format
0029 +. DC 01-22 DHU_MODE_CHNG
0030 . BC (04 0b f8)
0031 . C.
0032 . C. Wait for AOCSDUMP to end
0033 . C.
0034 . C. Check the dump memory
0035 . C.
0036 . C. Result = OK [ ]
0037 . C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039 . BC (02 0a f8)
0040 . C.
0041 . C. <A_***>[TLM STS] FMT = 2 [ ]
0042 . C.
0043 +. DC 02-8E AOCU_ORB_UPD
0044 . C.
0045 . C. ***** AOCs Commands (Orbital Element Update) *****
0046 . C. Update the orbital element
0047 +. DC 02-50 AOCU_ORB_PRPGT_START
0048 . BC (16)
0049 +. DC 02-8E AOCU_ORB_UPD
0050 . C.
0051 . C. <A_ORB>[ORBIT] EPC = 6566575.7 +- 1.0 (s) [ ]
0052 . C.
0053 . C.
0054 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0055 +. DC 07-FC EIS_MODE_CHG_ENA
0056 . BC (20)
0057 . C. Verify EIS_MODE_CHG_FLG is ENA
0058 +. DC 07-FC EIS_MODE_MANU
0059 . BC (21 02)
0060 . C. Verify EIS in MANUAL mode
0061 . C. Estimated OBSTBL upload time is 1m19s
0062 . C. *****
0063 . C. EIS START OBSTBL LOAD
0064 . C. *****
0065 . S. RAM ram-820:EIS_OBSTBL
0066 . C.
0067 +. DC 07-FC EIS_DUMP_OBSTBL
0068 . BC (07 07 07 00 00 70 00)
0069 . C.
0070 . C. Execute, after the success of OBSTBL upload.
0071 . C. Set EIS TI-commands
0072 +. TI 2019-06-11 10:19:50.0
0073 . DC 07-FC EIS_MODE_CHG_ENA
0074 . BC (20)
0075 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0076 . C. *****
0077 . C. EIS END OBSTBL LOAD
0078 . C. *****
0079 . C.
0080 . C. ***** MDP `ûÄÍòÍ»ò¼YóÈÄò¹òèDCBC•×²è *****
0081 . C. (¼å°íYóYÄYÉYÉYÉYäYçYèòÈ¼¼ó¼Ä»Û¹òè)
0082 . S. DC-BC dcbc-402:DCBC
0083 . (MDP_known_event)
0084 . C.
0085 . C.
0086 . C. ***** YD¥¹•Í Daily±¿ÍÑóÈ´Øò¹òèDCBC•×²è *****
0087 . S. DC-BC dcbc-153:DCBC
0088 . (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0089 . C.
0090 . C.
0091 . C. ;ãLOSÄY$YÄY~¼Ä»Û;ã
0092 . C.
0093 . C. ***** LOS *****
0094 . C.

```



```
0096 C.
0097 C.
0098 C.
0099 C. ***** XRT START *****
0100 C.
0101 +. DC 07-F0 MDP_XRT_CTRL_MANU
0102 BC (c1)
0103 + DC 07-F0 MDP_XRT_MODE_STBY
0104 BC (c3)
0105 . C. ----- Success Verify ? OK / NG ____
0106 C.
0107 C. XRT Obs. Table Upload
0108 . S. RAM ram-291:MDP_OBS_X
0109 ( )
0110 C.
0111 +. DC 07-F0 MDP_DUMP_XRTTBL
0112 BC (84 07 00 00 00 3a d4)
0113 . C. ----- Comparison Check ? OK / ERR ____
0114 C.
0115 C.
0116 +. DC 07-F0 MDP_XRT_ROI_SET
0117 BC (cd 01 b1 b1 04 04)
0118 + DC 07-F0 MDP_XRT_ROI_SET
0119 BC (cd 02 b1 b1 08 08)
0120 + DC 07-F0 MDP_XRT_ROI_SET
0121 BC (cd 03 b1 b1 08 08)
0122 + DC 07-F0 MDP_XRT_ROI_SET
0123 BC (cd 04 b1 b1 06 06)
0124 + DC 07-F0 MDP_XRT_ROI_SET
0125 BC (cd 05 85 83 06 06)
0126 + DC 07-F0 MDP_XRT_ROI_SET
0127 BC (cd 06 85 83 06 06)
0128 + DC 07-F0 MDP_XRT_ROI_SET
0129 BC (cd 07 c0 c0 10 10)
0130 + DC 07-F0 MDP_XRT_ROI_SET
0131 BC (cd 08 80 80 20 20)
0132 + DC 07-F0 MDP_XRT_ROI_SET
0133 BC (cd 09 40 c0 10 10)
0134 + DC 07-F0 MDP_XRT_ROI_SET
0135 BC (cd 0a 40 40 10 10)
0136 + DC 07-F0 MDP_XRT_ROI_SET
0137 BC (cd 0b c0 40 10 10)
0138 + DC 07-F0 MDP_XRT_ROI_SET
0139 BC (cd 0c 80 80 20 08)
0140 + DC 07-F0 MDP_XRT_ROI_SET
0141 BC (cd 0d 80 80 08 20)
0142 + DC 07-F0 MDP_XRT_ROI_SET
0143 BC (cd 0e 85 83 08 08)
0144 + DC 07-F0 MDP_XRT_ROI_SET
0145 BC (cd 0f 80 80 06 06)
0146 + DC 07-F0 MDP_XRT_ROI_SET
0147 BC (cd 10 80 80 08 08)
0148 + DC 07-F0 MDP_XRT_FLD_DIS
0149 BC (d9)
0150 + DC 07-F0 MDP_XRT_FLRCTRL_DIS
0151 BC (c9)
0152 + DC 07-F0 MDP_XRT_ARS_DIS
0153 BC (d5)
0154 + DC 07-F0 MDP_XRT_AEC_RESET
0155 BC (d0)
0156 + DC 07-F0 MDP_XRT_FLD_RESET
0157 BC (da)
0158 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0159 BC (c4 0e)
0160 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0161 BC (c5 0d)
0162 . C. ----- Success Verify ? OK / NG ____
0163 C.
0164 C.
0165 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0166 C.
0167 +. DC 07-F0 MDP_XRT_MODE_OBSV
0168 BC (c2)
0169 +. TI 2019-06-11 10:19:02.0
0170 DC 07-F0 MDP_XRT_MODE_OBSV
0171 BC (c2)
0172 . C. ----- Success Verify ? OK / NG ____
0173 C.
0174 C. ***** XRT END *****
0175 C.
0176 . C. ***** MDP 'ûÃîñî»ö¼ÝðÊÃð¹ñèDCBC•x²è *****
0177 C. (¼ã°î¼ÝðÊÃð¹ñèDCBC•x²è)
0178 . S. DC-BC dcbc-402:DCBC
0179 (MDP_known_event)
0180 C.
0181 C.
0182 . C. ***** ¼ÝðÊÃð¹ñè Daily±¼îññÊ'ð¹ñèDCBC•x²è *****
0183 . S. DC-BC dcbc-153:DCBC
0184 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0185 C.
0186 C.
0187 . C. ;ãLOS¼ÝðÊÃð¹ñè¼Ã»Ü;ã
0188 C.
0189 . C. ***** LOS *****
0190 C.
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*** OP Sequence for XRT ***

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2019/06/11 10:30:00.0 AOCs_OrE-point_Start_1_OG [0x097]
                        AOCU_NM                    5 02-76 01 00 00 00 00
2019/06/11 11:07:30.0 AOCs_OrE-point_Start_2_OG [0x098]
                        AOCU_NM                    5 02-76 00 00 00 ac cd
2019/06/11 11:23:30.0 AOCs_OrE-point_Start_3_OG [0x099]
                        AOCU_NM                    5 02-76 00 00 00 d6 67
2019/06/11 11:39:30.0 AOCs_OrE-point_Start_4_OG [0x09a]
                        AOCU_NM                    5 02-76 00 00 00 00 00
2019/06/11 11:55:30.0 AOCs_OrE-point_Start_5_OG [0x09b]
                        AOCU_NM                    5 02-76 00 00 00 29 99
2019/06/11 12:45:30.0 AOCs_OrE-point_Start_6_OG [0x09c]
                        AOCU_NM                    5 02-76 00 00 00 53 33
2019/06/11 13:01:30.0 AOCs_OrE-point_Start_7_OG [0x09d]
                        AOCU_NM                    5 02-76 00 d6 36 b7 8e
2019/06/11 13:11:30.0 AOCs_OrE-point_Start_8_OG [0x09e]
                        AOCU_NM                    5 02-76 00 b4 b5 db 75
2019/06/11 13:27:30.0 AOCs_OrE-point_Start_9_OG [0x09f]
                        AOCU_NM                    5 02-76 00 ac 5b 00 00
2019/06/11 14:24:00.0 AOCs_OrE-point_Start_10_OG [0x0a0]
                        AOCU_NM                    5 02-76 00 b4 b5 24 8b
2019/06/11 14:40:00.0 AOCs_OrE-point_Start_11_OG [0x0a1]
                        AOCU_NM                    5 02-76 00 d6 36 48 72
2019/06/11 14:50:00.0 AOCs_OrE-point_Start_12_OG [0x0a2]
                        AOCU_NM                    5 02-76 00 29 ca b7 8e
2019/06/11 15:00:00.0 AOCs_OrE-point_Start_13_OG [0x0a3]
                        AOCU_NM                    5 02-76 00 4b 4b db 75
2019/06/11 15:16:00.0 AOCs_OrE-point_Start_14_OG [0x0a4]
                        AOCU_NM                    5 02-76 00 53 a5 00 00
2019/06/11 16:21:00.0 AOCs_OrE-point_Start_15_OG [0x0a5]
                        AOCU_NM                    5 02-76 00 4b 4b 24 8b
2019/06/11 16:37:00.0 AOCs_OrE-point_Start_16_OG [0x0a6]
                        AOCU_NM                    5 02-76 00 29 db 48 72
2019/06/11 17:05:00.0 AOCs_OrE-point_Start_17_OG [0x0a7]
                        AOCU_NM                    5 02-76 04 00 00 00 00
2019/06/12 01:05:00.0 AOCs_OrE-point_Start_18_OG [0x0a8]
                        AOCU_NM                    5 02-76 02 00 00 00 00
2019/06/12 04:05:00.0 AOCs_OrE-point_Start_1_OG [0x097]
                        AOCU_NM                    5 02-76 01 00 00 00 00
2019/06/12 06:00:00.0 XRT_TCIB_XRT_S_HTR_A_DIS_422_OG [0x1a6]
                        TCIB_XRT_S_HTR_A_DIS 0 04-C0
2019/06/12 11:59:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU        1 07-F0 c1
2019/06/12 11:59:56.0 XRT_FOCUS_POSITION_425_OG [0x1a9]
                        XRT_FOCUS_POSITION        4 07-F8 22 ff aa 00
2019/06/12 12:00:00.0 AOCs_OrE-point_Start_19_OG [0x0a9]
                        AOCU_NM                    5 02-76 00 2e f9 2e f9
2019/06/12 12:02:52.0 XRT_ARS_DIS_429_OG [0x1ad]
                        MDP_XRT_ARS_DIS          1 07-F0 d5
2019/06/12 12:02:54.0 XRT_FLRCTRL_DIS_438_OG [0x1b6]
                        MDP_XRT_FLRCTRL_DIS      1 07-F0 c9
2019/06/12 12:02:56.0 XRT_FLD_DIS_441_OG [0x1b9]
                        MDP_XRT_FLD_DIS          1 07-F0 d9
2019/06/12 12:02:58.0 XRT_QT_PROG_SET_431_OG [0x1af]
                        MDP_XRT_QT_PROG_SET      2 07-F0 c4 14
2019/06/12 12:03:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO        1 07-F0 c0
2019/06/12 12:09:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU        1 07-F0 c1
2019/06/12 12:09:56.0 XRT_FOCUS_POSITION_425_OG [0x1a9]
                        XRT_FOCUS_POSITION        4 07-F8 22 ff aa 00
2019/06/12 12:10:00.0 AOCs_OrE-point_Start_20_OG [0x0aa]
                        AOCU_NM                    5 02-76 00 2e f9 d1 07
2019/06/12 12:12:52.0 XRT_ARS_DIS_429_OG [0x1ad]
                        MDP_XRT_ARS_DIS          1 07-F0 d5
2019/06/12 12:12:54.0 XRT_FLRCTRL_DIS_438_OG [0x1b6]
                        MDP_XRT_FLRCTRL_DIS      1 07-F0 c9
2019/06/12 12:12:56.0 XRT_FLD_DIS_441_OG [0x1b9]
                        MDP_XRT_FLD_DIS          1 07-F0 d9
2019/06/12 12:12:58.0 XRT_QT_PROG_SET_442_OG [0x1ba]
                        MDP_XRT_QT_PROG_SET      2 07-F0 c4 0c
2019/06/12 12:13:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO        1 07-F0 c0
2019/06/12 12:19:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU        1 07-F0 c1
2019/06/12 12:19:56.0 XRT_FOCUS_POSITION_425_OG [0x1a9]
                        XRT_FOCUS_POSITION        4 07-F8 22 ff aa 00
2019/06/12 12:20:00.0 AOCs_OrE-point_Start_21_OG [0x0ab]
                        AOCU_NM                    5 02-76 00 d1 07 d1 07
2019/06/12 12:22:52.0 XRT_ARS_DIS_429_OG [0x1ad]
                        MDP_XRT_ARS_DIS          1 07-F0 d5
2019/06/12 12:22:54.0 XRT_FLRCTRL_DIS_438_OG [0x1b6]
                        MDP_XRT_FLRCTRL_DIS      1 07-F0 c9
2019/06/12 12:22:56.0 XRT_FLD_DIS_441_OG [0x1b9]
                        MDP_XRT_FLD_DIS          1 07-F0 d9
2019/06/12 12:22:58.0 XRT_QT_PROG_SET_432_OG [0x1b0]
                        MDP_XRT_QT_PROG_SET      2 07-F0 c4 10
2019/06/12 12:23:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO        1 07-F0 c0
2019/06/12 12:29:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU        1 07-F0 c1
2019/06/12 12:29:56.0 XRT_FOCUS_POSITION_425_OG [0x1a9]

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2019/06/12	12:30:00.0	AOCS_OrE-point_Start_22_OG [0x0ac]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
		AOCU_NM		5	02-76	00	d1	07	2e f9
2019/06/12	12:32:52.0	XRT_ARS_DIS_429_OG [0x1ad]	MDP_XRT_ARS_DIS	1	07-F0		d5		
2019/06/12	12:32:54.0	XRT_FLRCTRL_DIS_438_OG [0x1b6]	MDP_XRT_FLRCTRL_DIS	1	07-F0		c9		
2019/06/12	12:32:56.0	XRT_FLD_DIS_441_OG [0x1b9]	MDP_XRT_FLD_DIS	1	07-F0		d9		
2019/06/12	12:32:58.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0		c4	08	
2019/06/12	12:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2019/06/12	12:39:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0		c1		
2019/06/12	12:39:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0		c1		
2019/06/12	12:39:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2019/06/12	12:40:00.0	AOCS_OrE-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00	00	00	00 00
2019/06/12	12:40:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0		d9		
2019/06/12	12:40:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0		c9		
2019/06/12	12:40:22.0	XRT_ARS_DIS_443_OG [0x1bb]	MDP_XRT_ARS_DIS	1	07-F0		d5		
2019/06/12	12:42:58.0	XRT_QT_PROG_SET_427_OG [0x1ab]	MDP_XRT_QT_PROG_SET	2	07-F0		c4	06	
2019/06/12	12:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2019/06/12	12:49:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0		c1		
2019/06/12	12:49:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0		c1		
2019/06/12	12:49:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2019/06/12	12:50:00.0	AOCS_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01	00	00	00 00
2019/06/12	12:50:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0		d8		
2019/06/12	12:50:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0		c8		
2019/06/12	12:50:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0		d0		
2019/06/12	12:50:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0		d5		
2019/06/12	12:50:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0		da		
2019/06/12	12:51:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0		c1		
2019/06/12	12:51:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0		c1		
2019/06/12	12:51:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0		da		
2019/06/12	12:51:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0		e8		
2019/06/12	12:52:56.0	XRT_QT_PROG_SET_428_OG [0x1ac]	MDP_XRT_QT_PROG_SET	2	07-F0		c4	01	
2019/06/12	12:52:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0		c5	0d	
2019/06/12	12:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0		e9		
2019/06/12	13:21:00.0	XRT_Custom_430_OG [0x1ae]	XRT_Custom_430_OG [0x1ae]						
2019/06/12	13:22:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2019/06/12	14:29:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0		c1		
2019/06/12	14:29:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0		c1		
2019/06/12	14:29:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0		da		
2019/06/12	14:29:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0		e8		
2019/06/12	14:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0		e9		
2019/06/12	15:00:30.0	XRT_Custom_430_OG [0x1ae]	XRT_Custom_430_OG [0x1ae]						
2019/06/12	15:01:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2019/06/12	16:08:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0		c1		
2019/06/12	16:08:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0		c1		
2019/06/12	16:08:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0		da		
2019/06/12	16:08:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0		e8		
2019/06/12	16:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0		e9		
2019/06/12	16:50:00.5	XRT_Custom_430_OG [0x1ae]	XRT_Custom_430_OG [0x1ae]						
2019/06/12	16:51:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2019/06/12	17:46:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_MANU_400_OG [0x190]						

2019/06/12	17:46:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/06/12	17:46:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/06/12	17:46:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/06/12	17:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/06/12	18:26:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/06/12	18:26:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/06/12	18:26:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/06/12	18:26:30.0	AOCS_Ore-point_Start_4_OG [0x09a]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2019/06/12	18:26:48.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00	
2019/06/12	18:26:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2019/06/12	18:26:52.0	XRT_ARS_DIS_443_OG [0x1bb]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2019/06/12	18:29:28.0	XRT_QT_PROG_SET_437_OG [0x1b5]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/06/12	18:29:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13	
2019/06/12	18:36:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/06/12	18:36:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/06/12	18:36:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/06/12	18:36:30.0	AOCS_Ore-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2019/06/12	18:36:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	01 00 00 00 00	
2019/06/12	18:36:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2019/06/12	18:36:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2019/06/12	18:36:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/06/12	18:36:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/06/12	18:39:26.0	XRT_QT_PROG_SET_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/06/12	18:39:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01	
2019/06/12	18:39:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2019/06/12	19:24:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/06/12	19:24:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/06/12	19:24:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/06/12	19:24:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/06/12	19:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/06/12	20:03:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/06/12	20:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2019/06/12	21:03:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/06/12	21:03:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/06/12	21:03:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/06/12	21:03:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/06/12	21:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/06/12	21:40:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/06/12	21:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2019/06/12	22:41:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/06/12	22:41:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/06/12	22:41:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/06/12	22:41:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/06/12	22:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/06/12	23:16:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/06/12	23:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2019/06/13	00:19:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/06/13	00:19:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	

2019/06/13	00:19:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/06/13	00:19:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/06/13	00:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/06/13	00:49:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/06/13	00:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/06/13	01:56:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/06/13	01:56:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/06/13	01:56:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/06/13	01:56:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/06/13	01:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/06/13	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/06/13	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/06/13	01:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/06/13	02:00:00.0	AOCS_Ore-point_Start_4_OG [0x09a]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2019/06/13	02:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 00 00 00 00		
2019/06/13	02:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2019/06/13	02:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2019/06/13	02:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2019/06/13	02:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2019/06/13	02:02:56.0	XRT_QT_PROG_SET_405_OG [0x195]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/06/13	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12		
2019/06/13	02:27:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2019/06/13	02:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/06/13	03:30:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/06/13	03:30:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/06/13	03:30:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/06/13	03:30:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/06/13	03:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/06/13	04:06:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/06/13	04:07:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/06/13	04:59:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/06/13	04:59:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/06/13	04:59:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/06/13	04:59:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/06/13	05:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/06/13	05:44:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/06/13	05:45:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/06/13	05:56:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/06/13	05:56:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/06/13	05:56:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/06/13	05:56:30.0	AOCS_Ore-point_Start_4_OG [0x09a]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2019/06/13	05:56:48.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00		
2019/06/13	05:56:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2019/06/13	05:56:52.0	XRT_ARS_DIS_443_OG [0x1bb]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2019/06/13	05:59:28.0	XRT_QT_PROG_SET_437_OG [0x1b5]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2019/06/13	05:59:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13		
2019/06/13	06:06:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/06/13	06:06:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/06/13	06:06:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		

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2019/06/13	06:06:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2019/06/13	06:06:30.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01	00	00	00	00
2019/06/13	06:06:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/06/13	06:06:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/06/13	06:06:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/06/13	06:06:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/06/13	06:06:56.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/06/13	06:09:26.0	XRT_QT_PROG_SET_428_OG [0x1ac]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	01			
2019/06/13	06:09:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2019/06/13	06:09:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/06/13	06:40:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/06/13	06:40:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/06/13	06:40:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/06/13	06:40:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/06/13	06:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/06/13	07:22:30.0	XRT_Custom_430_OG [0x1ae]							
2019/06/13	07:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/06/13	08:20:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/06/13	08:20:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/06/13	08:20:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/06/13	08:20:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/06/13	08:23:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/06/13	09:01:00.0	XRT_Custom_430_OG [0x1ae]							
2019/06/13	09:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/06/13	10:01:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/06/13	10:02:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00	00	00	00	00