

XRT Timeline to be uploaded on 2018/09/11

Period: 2018/09/11 10:29:00 - 2018/09/15 09:55:00

* * * * *

Normal mode

* * * * *

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
09/12 13:03:00 - 09/12 13:09:54	Fixed (-528.4, -528.4)	# XRT Quadrant Obs (1/4)
PROG= 07 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
09/12 13:13:00 - 09/12 13:19:54	Fixed (528.4, -528.4)	# XRT Quadrant Obs (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
09/12 13:23:00 - 09/12 13:29:54	Fixed (528.4, 528.4)	# XRT Quadrant Obs (3/4)
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
09/12 13:33:00 - 09/12 13:44:54	Fixed (-528.4, 528.4)	# XRT Quadrant Obs (4/4)
PROG= 10 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 #1BD8: Synoptic 7 Filter w/ Al-mesh(64/512/2897), Al-poly(45/512/4096), Thin-Be(1024/11571/23142) - Thick-Be(65536), Al-poly+Ti-poly(512/8192), Med

Term	Pointing (x, y)	Comment																
09/12 13:48:00 - 09/12 13:54:54	Fixed (0.0, 0.0)	# Synoptic																
PROG= 18	1-time(s)																	
Subr= 1	1-time(s)	2.0sec																
Seqn= 5	1-time(s)	2.0sec																
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec						
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec						
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec						
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0	0	2.0sec						
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	0	0	2.0sec						
Seqn= 36	1-time(s)	2.0sec																
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	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	2.83s	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= 33	1-time(s)	2.0sec																
thin-Be/Open	thin-Be/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec						
thin-Be/Open	thin-Be/Open	close	Safe	Norm	11.3s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec						
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= 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= 25	1-time(s)	2.0sec																
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec						
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	8.00s	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 #1BE9: HOP81/206 2-filter - Al/poly 16s, Al/mesh 12s 30s cadence, G-band - 384x384 1ms

Term	Pointing (x, y)	Comment															
09/12 13:58:00 - 09/12 17:36:54	Track (76.8, 775.8) @ 09/12 13:55:00	coronal hole cont.															
09/12 17:50:00 - 09/13 02:59:54	Track (90.2, 776.2) @ 09/12 17:47:00	coronal hole cont.															
PROG= 11	Inf.-time(s)																
Subr= 1	1-time(s)	2.0sec															
Seqn= 16	2-time(s)	2.0sec															
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec					
Subr= 2	1-time(s)	2.0sec															
Seqn= 90	1-time(s)	30.0sec															
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec					
Subr= 3	60-time(s)	2.0sec															
Seqn= 39	1-time(s)	30.0sec															
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	11.3s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec					
Al-poly/Open	Al-poly/Open	close	Safe	Norm	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec					
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval					

XOB #1BD9: Synoptic Q95 2x2 - Al/mesh(64/512/2897) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(45/512/4096) + T

Term	Pointing (x, y)	Comment										
09/12 17:40:00 - 09/12 17:46:54	Fixed (0.0, 0.0)	synoptic, shifted -23.0 min										
09/13 05:57:30 - 09/13 06:04:24	Fixed (0.0, 0.0)	HOP349 Synoptic										
PROG= 03	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= 36	1-time(s)	2.0sec										
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	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	2.83s	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= 33 1-time(s) 2.0sec												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	11.3s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
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) 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 #1C0B: HOP349 - 3-filter Synoptics (Al-mesh[64/512/2897], Al-poly[45/512/4096], thin-Be[1024/11571/23142] with 512x512 G-band 1ms+Leak - 90min c

Term	Pointing (x, y)	Comment
09/13 03:03:05 - 09/13 05:54:24	Fixed (0.0, 0.0)	HOP349 Synoptic
PROG= 01 Inf.-time(s)		
Subr= 1 1-time(s) 300.0sec		
Seqn= 36 1-time(s) 2.0sec		
Open/Al-mesh	Open/Al-mesh close	Safe Norm 63ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 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 2.83s 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= 33 1-time(s) 2.0sec		
thin-Be/Open	thin-Be/Open close	Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
thin-Be/Open	thin-Be/Open close	Safe Norm 11.3s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
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 1024x1024 (1536, 1536) Q=90 0 0 2.0sec
Open/G-band	Open/G-band close	Safe Norm 1ms Obs 1x1 1024x1024 (1536, 1536) Q=95 0 0 2.0sec
Subr= 2 30-time(s) 120.0sec		
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 #1BB9: 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
09/13 06:07:30 - 09/13 09:50:00	Track (-41.6, -232.3) ^{09/13 06:04:30}	newly emerging region
PROG= 20 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 4-time(s) 90.0sec		
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

* * * * * **Flare mode** * * * * *

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 512

Term	Pointing (x, y)	Comment
09/12 13:58:00 - 09/12 17:36:54	Track (76.8, 775.8) ^{09/12 13:55:00}	coronal hole cont.
09/12 17:50:00 - 09/13 02:59:54	Track (90.2, 776.2) ^{09/12 17:47:00}	coronal hole cont.

09/13 03:03:05 - 09/13 05:54:24 Fixed (0.0, 0.0) HOP349 Synoptic
 09/13 06:07:30 - 09/13 09:50:00 Track (-41.6, -232.3) @ 09/13 06:04:30 newly emerging region

PROG= 13 30-time(s)												
Subr= 1 20-time(s) 2.0sec												
Seqn= 11 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Seqn=100 1-time(s) 10.0sec												
thin-Be/Open	med-Be/Open	close	Safe	Norm	125ms	Obs	1x1	384x384 (1024, 1024)	Q=95	2	0	2.0sec
med-Be/Open	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Open/thick-Al	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Subr= 2 1-time(s) 2.0sec												
Seqn= 10 1-time(s) 2.0sec												
med-Al/Open	med-Al/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Seqn= 11 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Seqn= 87 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

* * * * *

Active Region Search

* * * * *

NOT USED

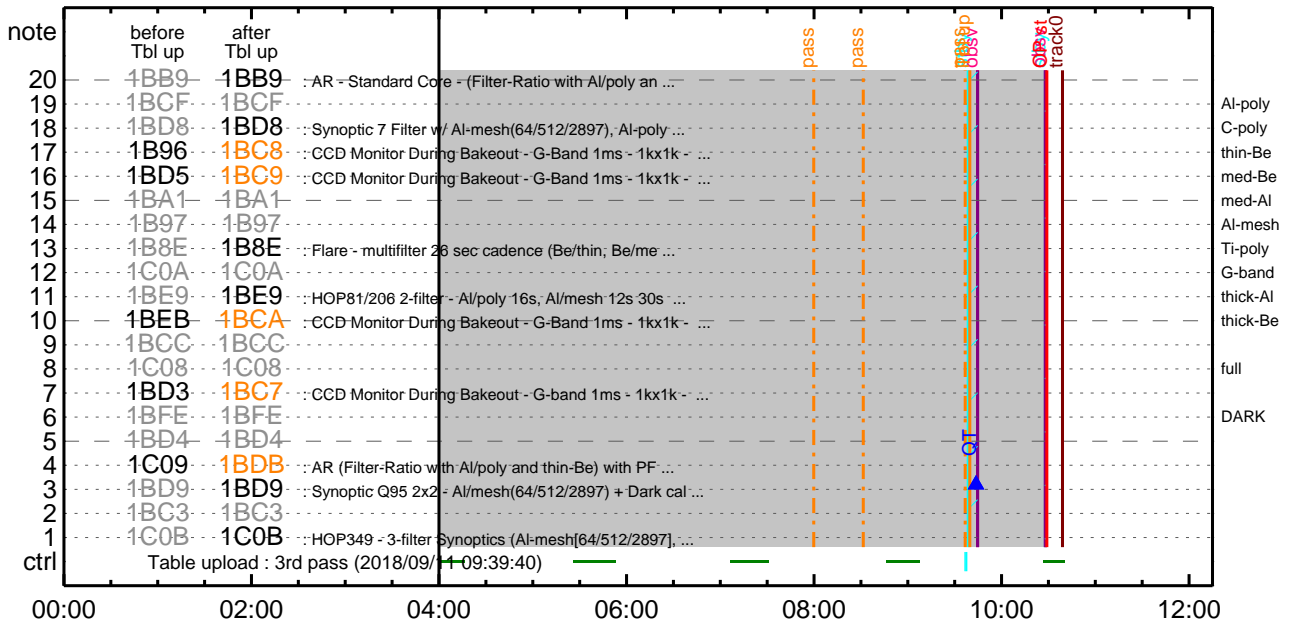
* * * * *

Flare Detection

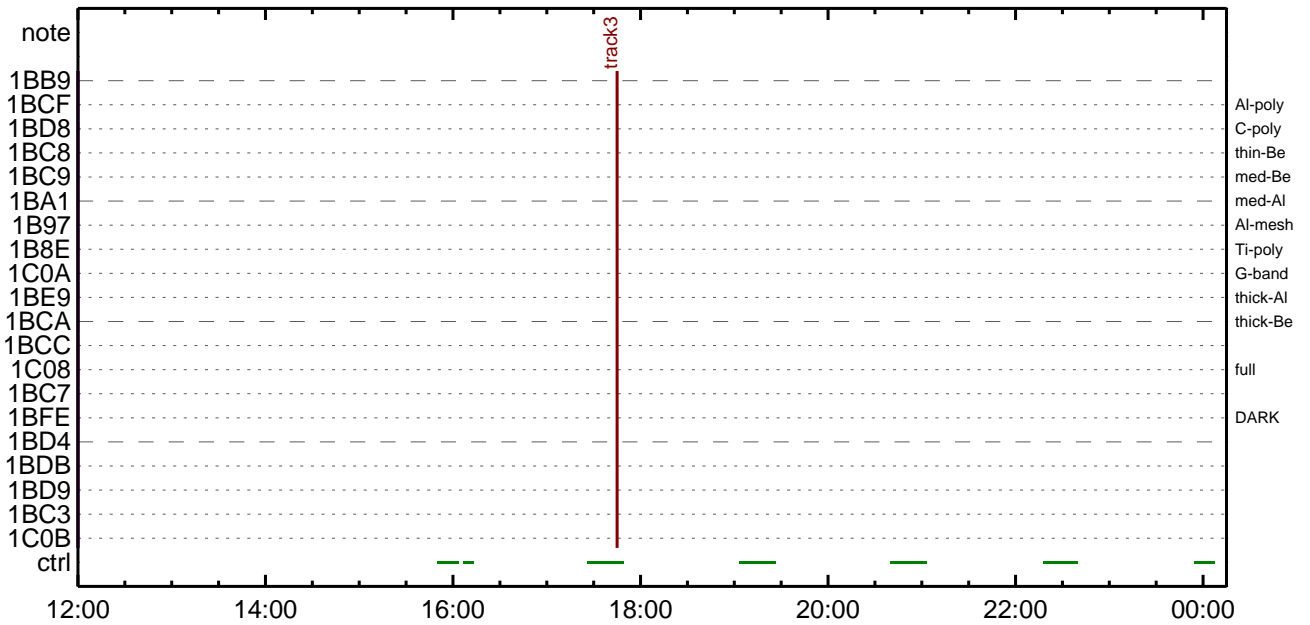
* * * * *

FLD Patrol												
Term		Pointing (x, y)						Comment				
09/12 13:55:18 - 09/12 17:37:18		Track (76.8, 775.8) @ 09/12 13:55:00						coronal hole cont.				
09/12 17:47:18 - 09/13 05:54:48		Track (90.2, 776.2) @ 09/12 17:47:00						coronal hole cont.				
09/13 06:04:48 - 09/15 09:55:00		Track (-41.6, -232.3) @ 09/13 06:04:30						newly emerging region				
Al-poly/Open	Al-poly/Open	close	Safe	Norm	8ms	Obs	8x8		Q=50		30sec	
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

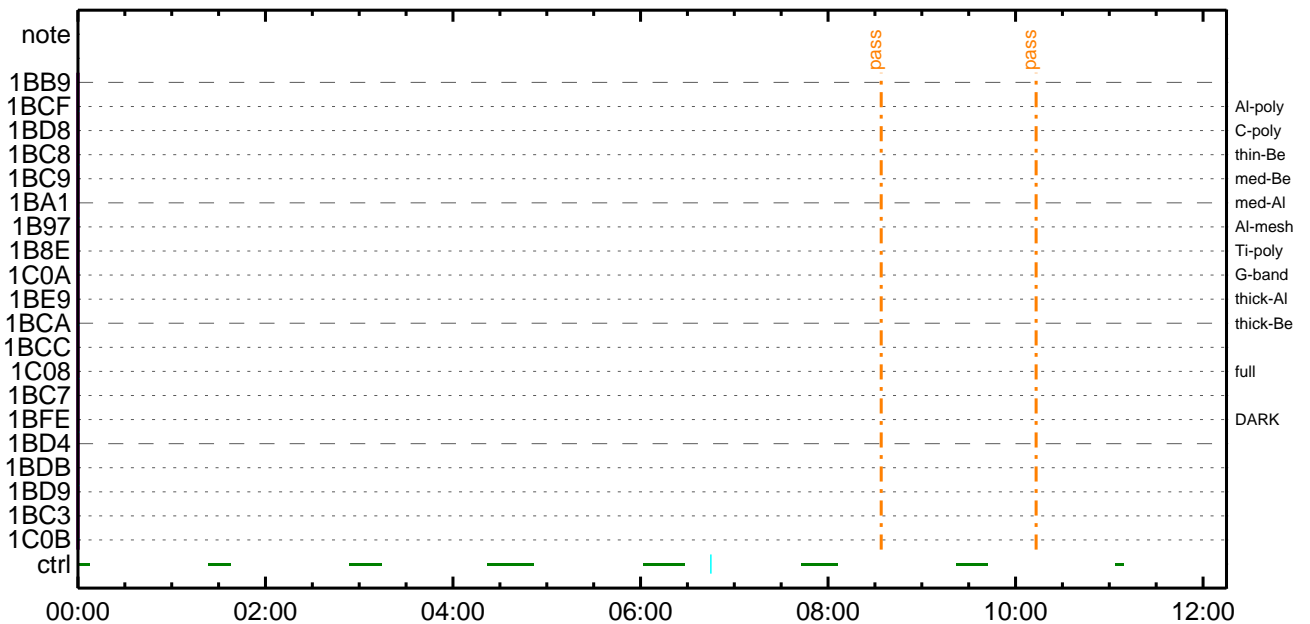
CMDI #0758 2018/09/11



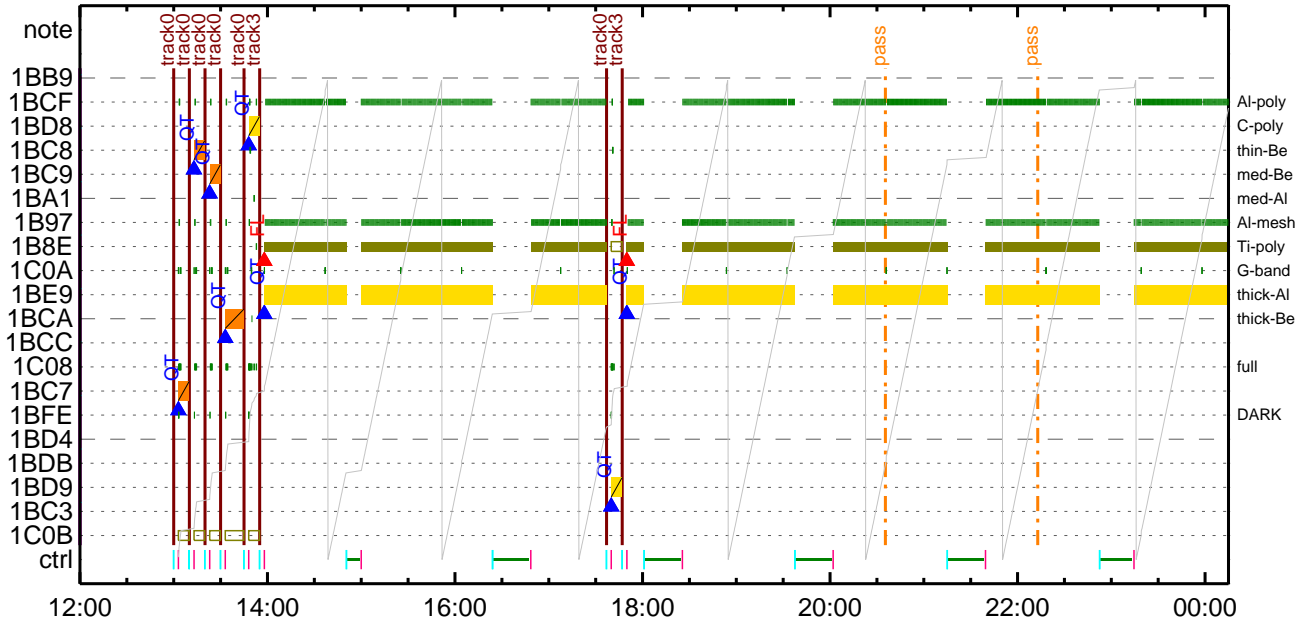
CMDI #0758 2018/09/11



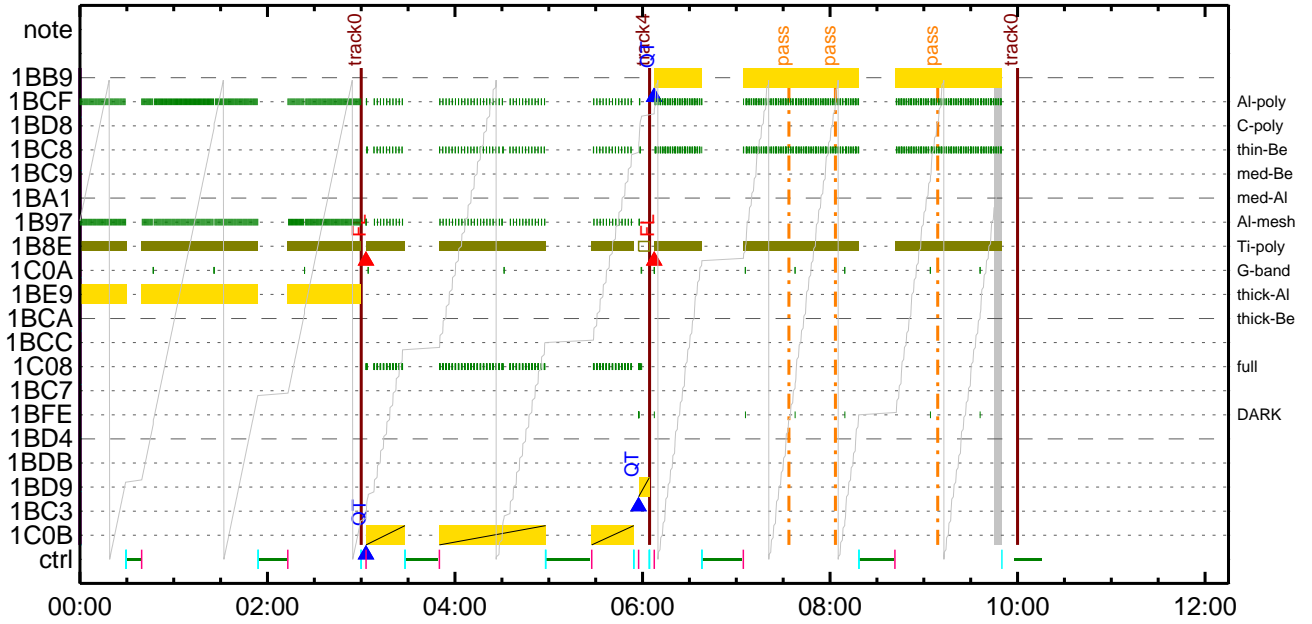
CMDI #0758 2018/09/12



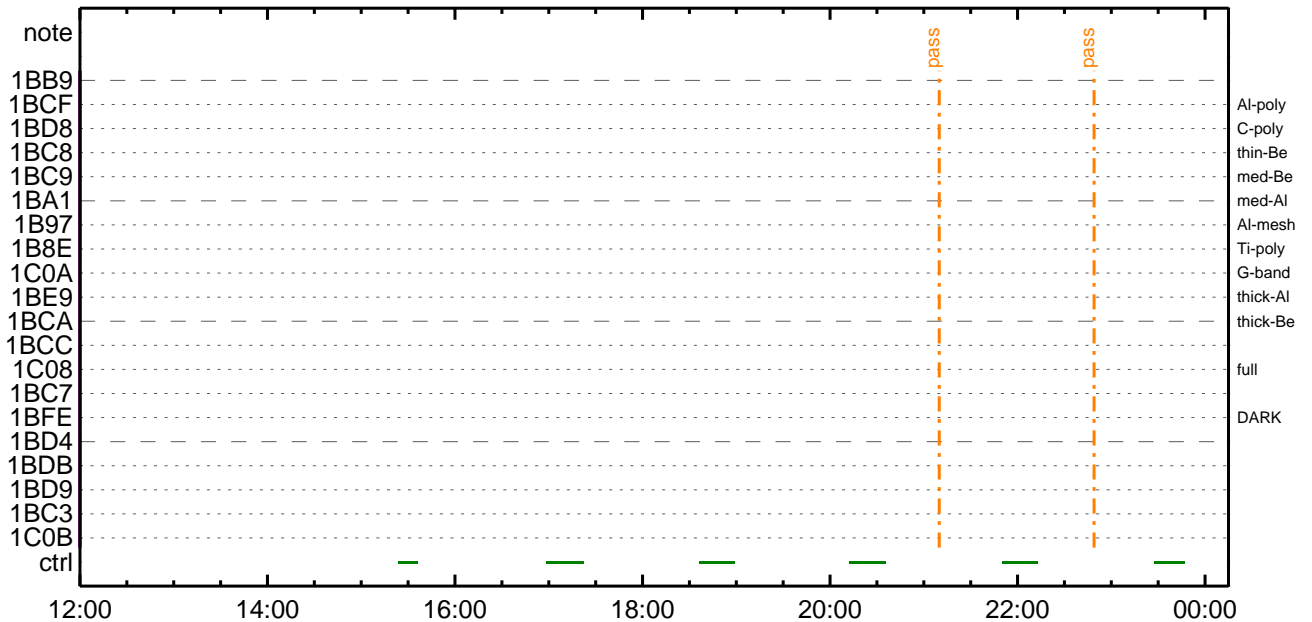
CMDI #0758 2018/09/12



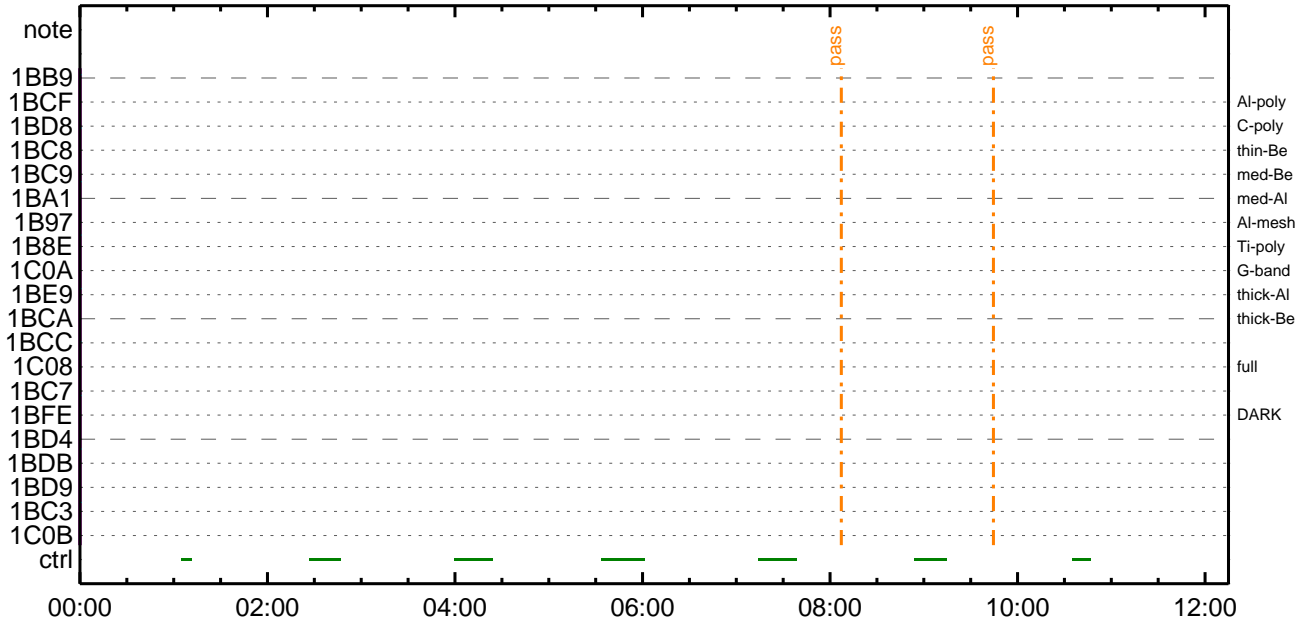
CMDI #0758 2018/09/13



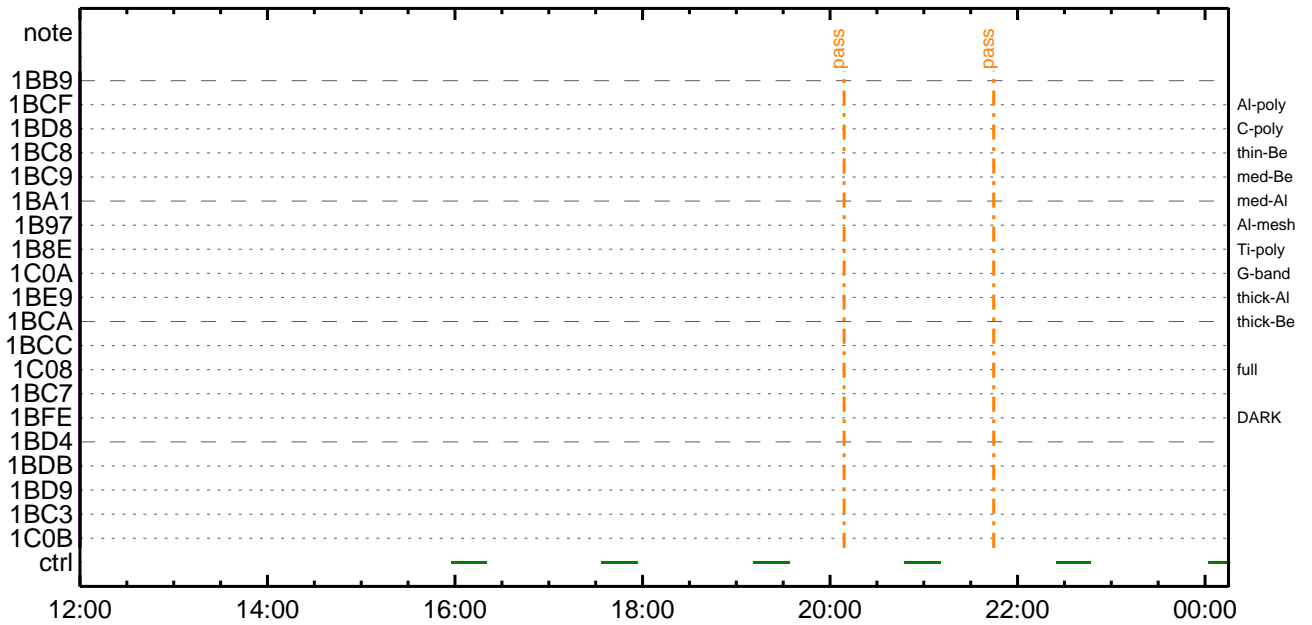
CMDI #0758 2018/09/13



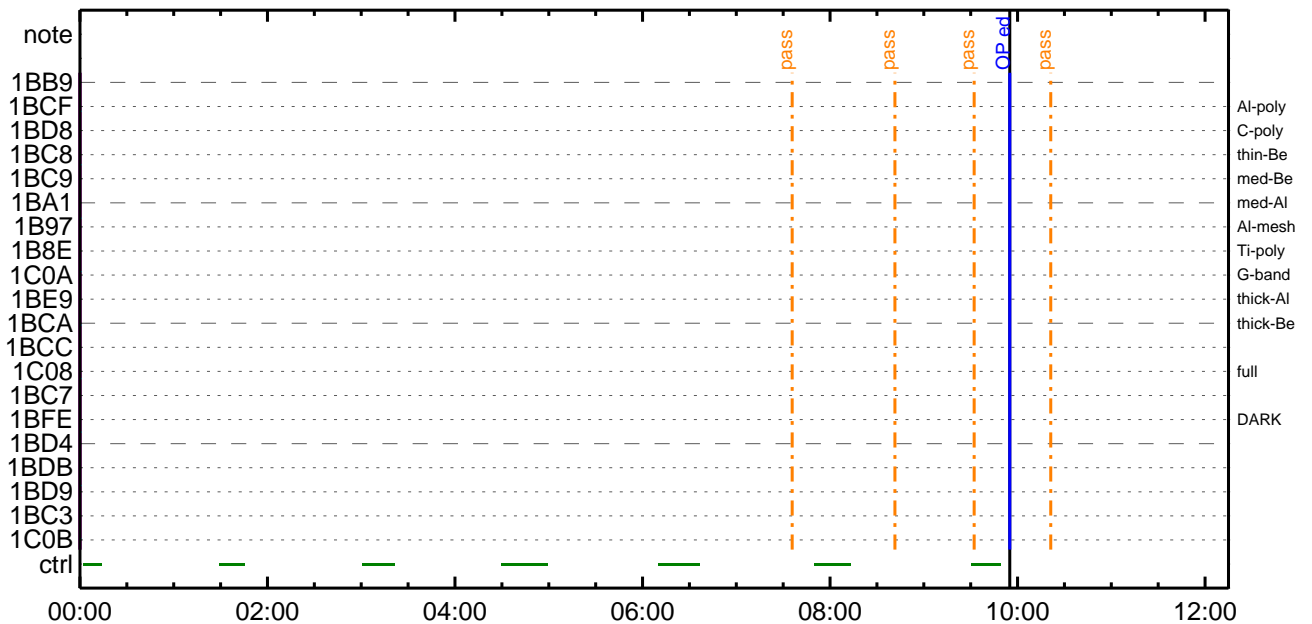
CMDI #0758 2018/09/14

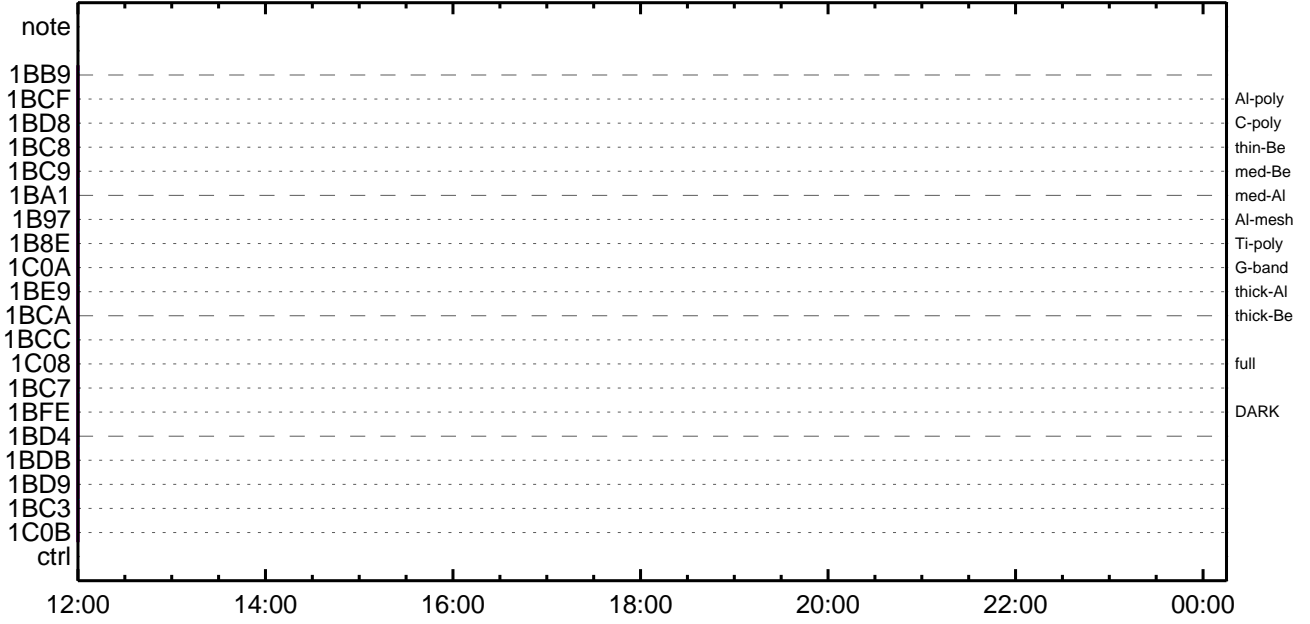


CMDI #0758 2018/09/14



CMDI #0758 2018/09/15






```

0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;|YAYOX
0100 C. *****
0101 C.
0102 . C. ;äOP/OGY1;4YE;ä
0103 . S. OP op-626:OP
0104 ( )
0105 . S. OG og-626:OG
0106 ( )
0107 C.
0108 . C. ;äNMOG&OPîî°èYAYOX;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. ¢¢[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. ¢¢[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. ¢¢[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. ¢¢[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. ¢¢[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. ¢¢[HK1_PKT_FORM_NO] EQ 7
0120 C. ¢¢[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. ¢¢[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. ¢¢[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. ¢¢[HK1_DMP_CHK_FLG] EQ EXEC
0124 . C. YAYOXx½ª î»ò³ îÇ§
0125 C. ¢¢[HK1_DMP_CHK_FLG] EQ NON
0126 . C. RAM ID=NMOGîî°è¹Ç•è² îOKò³ îÇ§
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. ¢¢[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. ¢¢[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. ¢¢[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. ¢¢[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. ¢¢[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. ¢¢[HK1_PKT_FORM_NO] EQ 7
0139 C. ¢¢[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. ¢¢[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. ¢¢[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. ¢¢[HK1_DMP_CHK_FLG] EQ EXEC
0143 . C. YAYOXx½ª î»ò³ îÇ§
0144 C. ¢¢[HK1_DMP_CHK_FLG] EQ NON
0145 . C. RAM ID=NMOGîî°è¹Ç•è² îOKò³ îÇ§
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. ¢¢[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. ¢¢[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. ¢¢[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. ¢¢[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. ¢¢[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. ¢¢[HK1_PKT_FORM_NO] EQ 7
0158 C. ¢¢[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. ¢¢[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. ¢¢[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. ¢¢[HK1_DMP_CHK_FLG] EQ EXEC
0162 . C. YAYOXx½ª î»ò³ îÇ§
0163 C. ¢¢[HK1_DMP_CHK_FLG] EQ NON
0164 . C. RAM ID=NMOG,RAM ID=OPîî°è¹Ç•è² îOKò³ îÇ§
0165 C.
0166 . C. ***** °ê²¼ò îî°è¹Ç•è² îOKò³ îÇ§ *****
0167 C. DHUYâ;4YE;Ê½Y½;Yî;4YE;Êòîî°è¹Ç•è² îOKò³ îÇ§ *****
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. ¢¢[HK1_PKT_FORM_NO] EQ 2
0171 C. ¢¢[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. ¢¢[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. ¢¢[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 UPLOADò-Á÷çîNGîî°è¹Ç•è² îOKò³ îÇ§ *****
0180 C. °ê²¼ò îî°è¹Ç•è² îOKò³ îÇ§ *****
0181 C.
0182 . C. TIY³YÞYÖYÊòòÁDîç(UT)
0183 +. TI 2018-09-11 10:24:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. ¢¢[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2018-09-11 10:24:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. ¢¢[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2018-09-11 10:24:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. ¢¢[HK1_TI_CMD_NUM] EQ 1COUNTUP

```

```

0194 C.
0195 +. TI 2018-09-11 10:28:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          çç[HK1_TI_CMD_NUM]          EQ      1COUNTUP
0198 C.
0199 C. °Ê²¼αîÄë%îíñαîîŷÄŷ§ŷÄŷ-¹àîü
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. TIîî°èŷÄŷÖŷ×
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. ŷÄŷÖŷ×½ªî»αò³îç§
0226 C.          çç[HK1_DMP_CHK_FLG]        EQ      NON
0227 C.
0228 C. RAM ID=TI_TBLαîî¾È¹ç•è²îOKαò³îç§
0229 C.
0230 C. DHUŷâ;¼ŷÉ;È¼ŷ¼. ŷî;¼ŷÈ;Èαòîäα¹
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. *****
0239 C. SOT TI command set
0240 C. *****
0241 C. Execute, after the success of OP upload.
0242 +. TI 2018-09-11 10:28:16.0
0243 DC 07-F0 MDP_SOT_MODE_STBY
0244 BC      (41)
0245 C. -----
0246 C. HK1_TI_CMD_NUM          = 1 CNTUP [ ]
0247 C. -----
0248 C. ***** SOT END *****
0249 C. Stop EIS observation and temporarily disable EIS mode changes
0250 C.
0251 C.
0252 C. ***** Start EIS operation (TI set) *****
0253 C. Execute, after the success of OP upload.
0254 C. Set EIS TI-commands
0255 +. TI 2018-09-11 10:28:30.0
0256 DC 07-FC EIS_MODE_MANU
0257 BC      (21 02)
0258 +. TI 2018-09-11 10:28:40.0
0259 DC 07-FC EIS_MODE_CHG_DIS
0260 BC      (22)
0261 C.          [ ] [HK1_TI_CMD_NUM]      EQ      2 COUNTUP
0262 C. ***** End EIS operation (TI set) *****
0263 C.
0264 C.
0265 C.
0266 C. ***** XRT START *****
0267 C. Execute, after the success of OP upload.
0268 +. TI 2018-09-11 10:28:00.0
0269 DC 07-F0 MDP_XRT_MODE_STBY
0270 BC      (c3)
0271 C.          [ ] [HK1_TI_CMD_NUM]      EQ      1COUNTUP
0272 C.
0273 C. ***** XRT END *****
0274 C.
0275 C. ***** MDP ´ûÃîαî»ö¼ŷαÈÄα¹αèDCBC•x²è *****
0276 C. (¼á°îŷÖŷÄŷÈŷŷŷÈŷáŷçŷèèÈ¼αα¼Ä»Ûα¹αè)
0277 S. DC-BC dcbc-402:DCBC
0278 (MDP_known_event)
0279 C.
0280 C.
0281 C. ***** ŷĐŷ¹•î Daily±çîñαè'Øα¹αèDCBC•x²è *****
0282 S. DC-BC dcbc-153:DCBC
0283 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0284 C.
0285 C.
0286 C. ;ãLOSŷÄŷ§ŷÄŷ-¼Ä»Û;ã
0287 C.
0288 C. ***** LOS *****
0289 C.

```



```

0096 C.
0097 C.
0098 . C. *****
0099 C. SOT table upload
0100 C. *****
0101 . C. < Stop SP table >
0102 +. DC 07-F0 MDP_SP_CTRL_MANU
0103 BC (61)
0104 C. -----
0105 C. MDP_SP_CTRL_MODE = MANU [ ]
0106 C. -----
0107 C.
0108 . C. <Upload SP Observation Table>
0109 . S. RAM ram-286:MDP_OBS_S
0110 ( )
0111 C.
0112 . C. < Dump RAMID=MDP_OBS_S >
0113 +. DC 07-F0 MDP_DUMP_SPTBL
0114 BC (83 07 00 00 00 38 b8)
0115 C. -----
0116 C. MDP_OBS_S verify = OK/NG [ ]
0117 C. -----
0118 C.
0119 C. *****
0120 C. SOT TI command set
0121 C. *****
0122 C. Execute, after the success of TBL upload.
0123 +. TI 2018-09-11 10:28:18.0
0124 DC 07-F0 MDP_SOT_MODE_OBSV
0125 BC (40)
0126 . C. -----
0127 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0128 C. -----
0129 C.
0130 C.
0131 C. ***** XRT START *****
0132 C.
0133 +. DC 07-F0 MDP_XRT_CTRL_MANU
0134 BC (c1)
0135 +. DC 07-F0 MDP_XRT_CTRL_MANU
0136 BC (c1)
0137 + DC 07-F0 MDP_XRT_MODE_STBY
0138 BC (c3)
0139 . C. ----- Success Verify ? OK / NG____
0140 C.
0141 C. XRT Obs. Table Upload
0142 . S. RAM ram-291:MDP_OBS_X
0143 ( )
0144 C.
0145 +. DC 07-F0 MDP_DUMP_XRTTBL
0146 BC (84 07 00 00 00 3a d4)
0147 . C. ----- Comparison Check ? OK / ERR ____
0148 C.
0149 C.
0150 +. DC 07-F0 MDP_XRT_ROI_SET
0151 BC (cd 01 b1 b1 04 04)
0152 + DC 07-F0 MDP_XRT_ROI_SET
0153 BC (cd 02 b1 b1 08 08)
0154 + DC 07-F0 MDP_XRT_ROI_SET
0155 BC (cd 03 b1 b1 08 08)
0156 + DC 07-F0 MDP_XRT_ROI_SET
0157 BC (cd 04 b1 b1 06 06)
0158 + DC 07-F0 MDP_XRT_ROI_SET
0159 BC (cd 05 85 83 06 06)
0160 + DC 07-F0 MDP_XRT_ROI_SET
0161 BC (cd 06 85 83 06 06)
0162 + DC 07-F0 MDP_XRT_ROI_SET
0163 BC (cd 07 85 83 08 08)
0164 + DC 07-F0 MDP_XRT_ROI_SET
0165 BC (cd 08 c0 c0 10 10)
0166 + DC 07-F0 MDP_XRT_ROI_SET
0167 BC (cd 09 80 80 20 20)
0168 + DC 07-F0 MDP_XRT_ROI_SET
0169 BC (cd 0a 40 c0 10 10)
0170 + DC 07-F0 MDP_XRT_ROI_SET
0171 BC (cd 0b 40 40 10 10)
0172 + DC 07-F0 MDP_XRT_ROI_SET
0173 BC (cd 0c c0 40 10 10)
0174 + DC 07-F0 MDP_XRT_ROI_SET
0175 BC (cd 0d 80 80 20 08)
0176 + DC 07-F0 MDP_XRT_ROI_SET
0177 BC (cd 0e 80 80 08 20)
0178 + DC 07-F0 MDP_XRT_ROI_SET
0179 BC (cd 0f 80 80 06 06)
0180 + DC 07-F0 MDP_XRT_ROI_SET
0181 BC (cd 10 80 80 08 08)
0182 + DC 07-F0 MDP_XRT_FLD_DIS
0183 BC (d9)
0184 + DC 07-F0 MDP_XRT_FLRCTRL_DIS
0185 BC (c9)
0186 + DC 07-F0 MDP_XRT_ARS_DIS
0187 BC (d5)
0188 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0189 BC (c4 04)
0190 . C. ----- Success Verify ? OK / NG ____
0191 C.
0192 C.
0193 . C. All OK? Yes--> Please Proceed. / No --> Stop here.

```

0194 C.
0195 +. DC 07-F0 MDP_XRT_MODE_OBSV
0196 BC (c2)
0197 +. TI 2018-09-11 10:28:02.0
0198 DC 07-F0 MDP_XRT_MODE_OBSV
0199 BC (c2)
0200 . C. ----- Success Verify ? OK / NG ____
0201 C.
0202 C. ***** XRT END *****
0203 C.
0204 . C. ***** MDP 'ûÃîñî»ö¼ÿñÈÃÐñ¹ñèDCBC•x²è *****
0205 C. (¼ãºîÿÓÿÃÿÈÿÏÿÈÿãÿçÿèñ¼¼¼¼»Ûñ¹ñè)
0206 . S. DC-BC dcbc-402:DCBC
0207 (MDP_known_event)
0208 C.
0209 C.
0210 . C. ***** ÿDÿ¹•î Daily±¿îññÈ´øñ¹ñèDCBC•x²è *****
0211 . S. DC-BC dcbc-153:DCBC
0212 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0213 C.
0214 C.
0215 . C. ;ãLOSÿÃÿSÿÿÃÿ´¼Ã»Û;ã
0216 C.
0217 . C. ***** LOS *****
0218 C.

*** OP Sequence for XRT ***

```

2018/09/11 10:39:00.0 AOCS_OrE-point_Start_1_OG [0x097]
                        AOCU_NM                    5 02-76 00 b3 03 01 ca
2018/09/11 17:45:00.0 AOCS_OrE-point_Start_2_OG [0x098]
                        AOCU_NM                    5 02-76 03 00 00 00 00
2018/09/12 06:45:00.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2018/09/12 06:45:02.0 XRT_TCIB_XRT_S_HTR_A_DIS_428_OG [0x1ac]
                        TCIB_XRT_S_HTR_A_DIS      0 04-C0
2018/09/12 12:59:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2018/09/12 12:59:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2018/09/12 12:59:58.0 XRT_FOCUS_POSITION_434_OG [0x1b2]
                        XRT_FOCUS_POSITION         4 07-F8 22 ff aa 00
2018/09/12 13:00:00.0 AOCS_OrE-point_Start_3_OG [0x099]
                        AOCU_NM                    5 02-76 00 2e f9 2e f9
2018/09/12 13:00:18.0 XRT_FLD_DIS_441_OG [0x1b9]
                        MDP_XRT_FLD_DIS           1 07-F0 d9
2018/09/12 13:00:20.0 XRT_FLRCTRL_DIS_445_OG [0x1bd]
                        MDP_XRT_FLRCTRL_DIS        1 07-F0 c9
2018/09/12 13:02:56.0 XRT_ARS_DIS_446_OG [0x1be]
                        MDP_XRT_ARS_DIS            1 07-F0 d5
2018/09/12 13:02:58.0 XRT_QT_PROG_SET_439_OG [0x1b7]
                        MDP_XRT_QT_PROG_SET        2 07-F0 c4 07
2018/09/12 13:03:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO          1 07-F0 c0
2018/09/12 13:09:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2018/09/12 13:09:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2018/09/12 13:09:58.0 XRT_FOCUS_POSITION_434_OG [0x1b2]
                        XRT_FOCUS_POSITION         4 07-F8 22 ff aa 00
2018/09/12 13:10:00.0 AOCS_OrE-point_Start_4_OG [0x09a]
                        AOCU_NM                    5 02-76 00 2e f9 d1 07
2018/09/12 13:10:18.0 XRT_FLD_DIS_441_OG [0x1b9]
                        MDP_XRT_FLD_DIS           1 07-F0 d9
2018/09/12 13:10:20.0 XRT_FLRCTRL_DIS_445_OG [0x1bd]
                        MDP_XRT_FLRCTRL_DIS        1 07-F0 c9
2018/09/12 13:12:56.0 XRT_ARS_DIS_436_OG [0x1b4]
                        MDP_XRT_ARS_DIS            1 07-F0 d5
2018/09/12 13:12:58.0 XRT_QT_PROG_SET_442_OG [0x1ba]
                        MDP_XRT_QT_PROG_SET        2 07-F0 c4 11
2018/09/12 13:13:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO          1 07-F0 c0
2018/09/12 13:19:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2018/09/12 13:19:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2018/09/12 13:19:58.0 XRT_FOCUS_POSITION_434_OG [0x1b2]
                        XRT_FOCUS_POSITION         4 07-F8 22 ff aa 00
2018/09/12 13:20:00.0 AOCS_OrE-point_Start_5_OG [0x09b]
                        AOCU_NM                    5 02-76 00 d1 07 d1 07
2018/09/12 13:20:18.0 XRT_FLD_DIS_441_OG [0x1b9]
                        MDP_XRT_FLD_DIS           1 07-F0 d9
2018/09/12 13:20:20.0 XRT_FLRCTRL_DIS_445_OG [0x1bd]
                        MDP_XRT_FLRCTRL_DIS        1 07-F0 c9
2018/09/12 13:22:56.0 XRT_ARS_DIS_436_OG [0x1b4]
                        MDP_XRT_ARS_DIS            1 07-F0 d5
2018/09/12 13:22:58.0 XRT_QT_PROG_SET_426_OG [0x1aa]
                        MDP_XRT_QT_PROG_SET        2 07-F0 c4 10
2018/09/12 13:23:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO          1 07-F0 c0
2018/09/12 13:29:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2018/09/12 13:29:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2018/09/12 13:29:58.0 XRT_FOCUS_POSITION_434_OG [0x1b2]
                        XRT_FOCUS_POSITION         4 07-F8 22 ff aa 00
2018/09/12 13:30:00.0 AOCS_OrE-point_Start_6_OG [0x09c]
                        AOCU_NM                    5 02-76 00 d1 07 2e f9
2018/09/12 13:30:18.0 XRT_FLD_DIS_441_OG [0x1b9]
                        MDP_XRT_FLD_DIS           1 07-F0 d9
2018/09/12 13:30:20.0 XRT_FLRCTRL_DIS_445_OG [0x1bd]
                        MDP_XRT_FLRCTRL_DIS        1 07-F0 c9
2018/09/12 13:32:56.0 XRT_ARS_DIS_436_OG [0x1b4]
                        MDP_XRT_ARS_DIS            1 07-F0 d5
2018/09/12 13:32:58.0 XRT_QT_PROG_SET_427_OG [0x1ab]
                        MDP_XRT_QT_PROG_SET        2 07-F0 c4 0a
2018/09/12 13:33:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO          1 07-F0 c0
2018/09/12 13:44:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2018/09/12 13:44:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2018/09/12 13:44:58.0 XRT_FOCUS_POSITION_406_OG [0x196]
                        XRT_FOCUS_POSITION         4 07-F8 22 ff aa 00
2018/09/12 13:45:00.0 AOCS_OrE-point_Start_7_OG [0x09d]
                        AOCU_NM                    5 02-76 00 00 00 00 00
2018/09/12 13:45:18.0 XRT_FLD_DIS_409_OG [0x199]
                        MDP_XRT_FLD_DIS           1 07-F0 d9
2018/09/12 13:45:20.0 XRT_FLRCTRL_DIS_413_OG [0x19d]

```


2018/09/12	13:45:22.0	XRT_ARS_DIS_414_OG [0x19e]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/09/12	13:47:58.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	12
2018/09/12	13:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/09/12	13:54:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/09/12	13:54:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/09/12	13:54:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2018/09/12	13:55:00.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	03	00 00 00 00
2018/09/12	13:55:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/09/12	13:55:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/09/12	13:55:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/09/12	13:55:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/09/12	13:55:26.0	XRT_FLD_RESET_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/09/12	13:57:56.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b
2018/09/12	13:57:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/09/12	13:58:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/09/12	14:50:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/09/12	14:50:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/09/12	14:50:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/09/12	14:50:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/09/12	14:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/09/12	14:59:00.0	XRT_Custom_430_OG [0x1ae]					
2018/09/12	15:00:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/09/12	16:24:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/09/12	16:24:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/09/12	16:24:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/09/12	16:24:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/09/12	16:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/09/12	16:47:30.0	XRT_Custom_430_OG [0x1ae]					
2018/09/12	16:48:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/09/12	17:36:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/09/12	17:36:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/09/12	17:36:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2018/09/12	17:37:00.0	AOCS_OrE-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00	00 00 00 00
2018/09/12	17:37:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2018/09/12	17:37:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2018/09/12	17:37:22.0	XRT_ARS_DIS_414_OG [0x19e]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/09/12	17:39:58.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03
2018/09/12	17:40:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/09/12	17:46:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/09/12	17:46:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/09/12	17:46:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2018/09/12	17:47:00.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	03	00 00 00 00
2018/09/12	17:47:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/09/12	17:47:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/09/12	17:47:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/09/12	17:47:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/09/12	17:47:26.0	XRT_FLD_RESET_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da	

2018/09/12	17:49:56.0	XRT_QT_PROG_SET_443_OG [0x1bb]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b		
2018/09/12	17:49:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2018/09/12	17:50:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/09/12	18:01:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/09/12	18:01:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/09/12	18:01:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2018/09/12	18:01:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/09/12	18:04:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/09/12	18:24:31.0	XRT_Custom_430_OG [0x1ae]						
2018/09/12	18:25:31.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/09/12	19:37:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/09/12	19:37:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/09/12	19:37:34.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2018/09/12	19:37:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/09/12	19:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/09/12	20:01:00.0	XRT_Custom_430_OG [0x1ae]						
2018/09/12	20:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/09/12	21:15:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/09/12	21:15:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/09/12	21:15:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2018/09/12	21:15:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/09/12	21:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/09/12	21:38:30.0	XRT_Custom_430_OG [0x1ae]						
2018/09/12	21:39:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/09/12	22:52:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/09/12	22:52:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/09/12	22:52:34.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2018/09/12	22:52:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/09/12	22:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/09/12	23:13:30.0	XRT_Custom_430_OG [0x1ae]						
2018/09/12	23:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/09/13	00:29:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/09/13	00:29:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/09/13	00:29:34.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2018/09/13	00:29:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/09/13	00:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/09/13	00:38:30.0	XRT_Custom_430_OG [0x1ae]						
2018/09/13	00:39:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/09/13	01:54:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/09/13	01:54:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/09/13	01:54:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2018/09/13	01:54:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/09/13	01:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/09/13	02:12:01.0	XRT_Custom_430_OG [0x1ae]						
2018/09/13	02:13:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/09/13	02:59:54.0	XRT_CTRL_MANU_433_OG [0x1b1]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/09/13	02:59:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/09/13	02:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]						
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2018/09/13	03:00:00.0	AOCS_OrE-point_Start_7_OG [0x09d]						
		AOCU_NM	5	02-76	00	00	00	00
2018/09/13	03:00:18.0	XRT_ROI_A_429_OG [0x1ad]						

			MDP_XRT_ROI_SET	6	07-F0	cd	05	85	83	06	06
			MDP_XRT_ROI_SET	6	07-F0	cd	06	85	83	06	06
			MDP_XRT_ROI_SET	6	07-F0	cd	07	85	83	08	08
			MDP_XRT_ROI_SET	6	07-F0	cd	08	80	80	08	08
			MDP_XRT_ROI_SET	6	07-F0	cd	09	80	80	20	20
			MDP_XRT_ROI_SET	6	07-F0	cd	0d	80	80	20	08
			MDP_XRT_ROI_SET	6	07-F0	cd	0e	80	80	08	20
			MDP_XRT_ROI_SET	6	07-F0	cd	0f	80	80	06	06
2018/09/13	03:00:18.5	XRT_ROI_B_438_OG	[0x1b6]								
			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
2018/09/13	03:00:23.5	XRT_FLD_ENA_411_OG	[0x19b]								
			MDP_XRT_FLD_ENA	1	07-F0	d8					
2018/09/13	03:00:25.5	XRT_FLRCTRL_ENA_412_OG	[0x19c]								
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8					
2018/09/13	03:00:27.5	XRT_AEC_RESET_448_OG	[0x1c0]								
			MDP_XRT_AEC_RESET	1	07-F0	d0					
2018/09/13	03:00:29.5	XRT_ARS_DIS_404_OG	[0x194]								
			MDP_XRT_ARS_DIS	1	07-F0	d5					
2018/09/13	03:02:59.5	XRT_FLD_RESET_420_OG	[0x1a4]								
			MDP_XRT_FLD_RESET	1	07-F0	da					
2018/09/13	03:03:01.5	XRT_QT_PROG_SET_444_OG	[0x1bc]								
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	01				
2018/09/13	03:03:03.5	XRT_FL_PROG_SET_440_OG	[0x1b8]								
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d				
2018/09/13	03:03:05.5	XRT_CTRL_AUTO_408_OG	[0x198]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2018/09/13	03:28:00.0	XRT_CTRL_MANU_400_OG	[0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1					
2018/09/13	03:28:02.0	XRT_CTRL_MANU_402_OG	[0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1					
2018/09/13	03:28:04.0	XRT_FLD_RESET_415_OG	[0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da					
2018/09/13	03:28:06.0	XRT_PREFLR_STRT_437_OG	[0x1b5]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2018/09/13	03:31:14.0	XRT_PREFLR_STOP_419_OG	[0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2018/09/13	03:49:00.0	XRT_Custom_430_OG	[0x1ae]								
2018/09/13	03:50:00.0	XRT_CTRL_AUTO_424_OG	[0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2018/09/13	04:58:00.0	XRT_CTRL_MANU_400_OG	[0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1					
2018/09/13	04:58:02.0	XRT_CTRL_MANU_402_OG	[0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1					
2018/09/13	04:58:04.0	XRT_FLD_RESET_415_OG	[0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da					
2018/09/13	04:58:06.0	XRT_PREFLR_STRT_437_OG	[0x1b5]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2018/09/13	05:01:14.0	XRT_PREFLR_STOP_419_OG	[0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2018/09/13	05:26:30.0	XRT_Custom_430_OG	[0x1ae]								
2018/09/13	05:27:30.0	XRT_CTRL_AUTO_424_OG	[0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2018/09/13	05:54:24.0	XRT_CTRL_MANU_402_OG	[0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1					
2018/09/13	05:54:26.0	XRT_CTRL_MANU_402_OG	[0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1					
2018/09/13	05:54:28.0	XRT_FOCUS_POSITION_406_OG	[0x196]								
			XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00		
2018/09/13	05:54:48.0	XRT_FLD_DIS_409_OG	[0x199]								
			MDP_XRT_FLD_DIS	1	07-F0	d9					
2018/09/13	05:54:50.0	XRT_FLRCTRL_DIS_413_OG	[0x19d]								
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9					
2018/09/13	05:54:52.0	XRT_ARS_DIS_414_OG	[0x19e]								
			MDP_XRT_ARS_DIS	1	07-F0	d5					
2018/09/13	05:57:28.0	XRT_QT_PROG_SET_449_OG	[0x1c1]								
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	03				
2018/09/13	05:57:30.0	XRT_CTRL_AUTO_408_OG	[0x198]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2018/09/13	06:04:24.0	XRT_CTRL_MANU_402_OG	[0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1					
2018/09/13	06:04:26.0	XRT_CTRL_MANU_402_OG	[0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1					
2018/09/13	06:04:28.0	XRT_FOCUS_POSITION_410_OG	[0x19a]								
			XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00		
2018/09/13	06:04:30.0	AOCS_Ore-point_Start_8_OG	[0x09e]								
			AOCU_NM	5	02-76	04	00	00	00	00	
2018/09/13	06:04:48.0	XRT_FLD_ENA_411_OG	[0x19b]								
			MDP_XRT_FLD_ENA	1	07-F0	d8					
2018/09/13	06:04:50.0	XRT_FLRCTRL_ENA_412_OG	[0x19c]								
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8					
2018/09/13	06:04:52.0	XRT_AEC_RESET_448_OG	[0x1c0]								
			MDP_XRT_AEC_RESET	1	07-F0	d0					
2018/09/13	06:04:54.0	XRT_ARS_DIS_423_OG	[0x1a7]								
			MDP_XRT_ARS_DIS	1	07-F0	d5					
2018/09/13	06:04:56.0	XRT_FLD_RESET_432_OG	[0x1b0]								
			MDP_XRT_FLD_RESET	1	07-F0	da					
2018/09/13	06:07:26.0	XRT_QT_PROG_SET_447_OG	[0x1bf]								
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	14				
2018/09/13	06:07:28.0	XRT_FL_PROG_SET_440_OG	[0x1b8]								
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d				
2018/09/13	06:07:30.0	XRT_CTRL_AUTO_408_OG	[0x198]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0					

2018/09/13	06:38:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/09/13	06:38:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/09/13	06:38:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/09/13	06:38:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/09/13	06:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/09/13	07:03:31.5	XRT_Custom_430_OG [0x1ae]							
2018/09/13	07:04:31.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/09/13	08:18:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/09/13	08:18:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/09/13	08:18:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/09/13	08:18:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/09/13	08:21:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/09/13	08:40:30.0	XRT_Custom_430_OG [0x1ae]							
2018/09/13	08:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/09/13	09:50:00.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/09/13	10:00:00.0	AOCS_ORe-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00 00 00 00 00				