

XRT Timeline to be uploaded on 2024/02/13

Period: 2024/02/13 11:14:00 - 2024/02/17 11:21:00

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Normal mode

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XOB #1D03: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 1st Quadrant -AI/mesh(2048ms) - 1x1, AI/Poly(1443ms) - 2x2 - w leak image-1msC												
Term		Pointing (x, y)					Comment					
02/14 12:03:00 - 02/14 12:09:54		Fixed (-528.4, -528.4)					Post bakeout Q1					
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) 120.0sec												
└─ Seqn= 93 2-time(s) 2.0sec												
└─ Open/AI-mesh Open/thick-AI close Safe Norm 2.00s Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ AI-poly/Open med-Be/Open close Safe Norm 1.41s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Subr= 3 2-time(s) 2.0sec												
└─ Seqn= 34 1-time(s) 60.0sec												
└─ 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 #1D04: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 2nd Quadrant -AI/mesh(2048ms) - 1x1, AI/Poly(1443ms) - 2x2 - w leak image-1msC												
Term		Pointing (x, y)					Comment					
02/14 12:13:00 - 02/14 12:19:54		Fixed (528.4, -528.4)					Post bakeout Q2					
PROG= 03 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) 120.0sec												
└─ Seqn= 93 2-time(s) 2.0sec												
└─ Open/AI-mesh Open/thick-AI close Safe Norm 2.00s Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ AI-poly/Open med-Be/Open close Safe Norm 1.41s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Subr= 3 2-time(s) 2.0sec												
└─ Seqn= 34 1-time(s) 60.0sec												
└─ 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 #1D05: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 3rd Quadrant -AI/mesh(2048ms) - 1x1, AI/Poly(1443ms) - 2x2 - w leak image-1msC												
Term		Pointing (x, y)					Comment					
02/14 12:23:00 - 02/14 12:29:54		Fixed (528.4, 528.4)					Post bakeout Q3					
PROG= 20 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) 120.0sec												
└─ Seqn= 93 2-time(s) 2.0sec												
└─ Open/AI-mesh Open/thick-AI close Safe Norm 2.00s Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ AI-poly/Open med-Be/Open close Safe Norm 1.41s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Subr= 3 2-time(s) 2.0sec												
└─ Seqn= 34 1-time(s) 60.0sec												
└─ 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 #1D06: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 4th Quadrant -AI/mesh(2048ms) - 1x1, AI/Poly(1443ms) - 2x2 - w leak image-1msC												
Term		Pointing (x, y)					Comment					
02/14 12:33:00 - 02/14 12:39:54		Fixed (-528.4, 528.4)					Post bakeout Q4					
PROG= 17 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) 120.0sec												

Seqn= 93		2-time(s)		2.0sec													
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	2.00s	Obs	1x1	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec				
Al-poly/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec				
Subr= 3		2-time(s)		2.0sec													
Seqn= 34		1-time(s)		60.0sec													
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 #1D07: Synoptic 8 Filter w/ Al-mesh(5/128/723), Al-poly(8/181/1443), Thin-Be(33/512/4096), Thick-Be(32768), Med-Al(256/8192/32768), Med-Be(128/5792)

Term	Pointing (x, y)	Comment
02/14 12:43:00 - 02/14 12:49:54	Fixed (0.0, 0.0)	Post bakeout synoptics
02/15 06:03:00 - 02/15 06:09:54	Fixed (0.0, 0.0)	synoptic

PROG= 19		1-time(s)		2.0sec													
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= 26		1-time(s)		2.0sec													
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	5ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec				
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec				
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	707ms	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	8ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec				
Al-poly/Open	Al-poly/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec				
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	1.41s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec				
Seqn= 83		1-time(s)		2.0sec													
thin-Be/Open	thin-Be/Open	close	Safe	Norm	32ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec				
thin-Be/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec				
thin-Be/Open	thin-Be/Open	close	Safe	Norm	4.00s	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= 41		1-time(s)		2.0sec													
Open/thick-Be	Open/thick-Be	close	Safe	Norm	32.0s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec				
Seqn= 17		1-time(s)		2.0sec													
med-Al/Open	med-Al/thick-Al	close	Safe	Norm	250ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec				
med-Al/Open	med-Al/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec				
med-Al/Open	med-Al/Open	close	Safe	Norm	32.0s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec				
Seqn= 33		1-time(s)		2.0sec													
med-Be/Open	Open/thick-Al	close	Safe	Norm	125ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec				
med-Be/Open	med-Be/Open	close	Safe	Norm	5.66s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec				
med-Be/Open	med-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec				
Seqn= 75		1-time(s)		2.0sec													
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	44ms	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec				
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	2.00s	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 #1C94: AR (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 512x512 at 1064 1048, thick-Al context, with G-band (1ms/1ms leak), 300s

Term	Pointing (x, y)	Comment
02/14 12:53:00 - 02/14 17:51:30	Track (743.9, -232.8) @ 02/14 12:50:00	End of synoptics. AR obs.
02/14 18:28:30 - 02/15 05:59:54	Track (771.7, -237.5) @ 02/14 18:25:30	# AR obs.
02/15 06:13:00 - 02/15 09:46:30	Track (822.6, -248.2) @ 02/15 06:10:00	# AR obs.

PROG= 04		Inf.-time(s)		2.0sec													
Subr= 1		1-time(s)		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				
Seqn= 82		1-time(s)		2.0sec													
Al-poly/Open	Al-poly/Open	close	Safe	Dark	1.00s	Obs	1x1	512x512	(1064, 1048)	DPCM	0	0	2.0sec				
Seqn= 71		3-time(s)		2.0sec													
Open/thick-Al	Open/thick-Be	close	Safe	Norm	16.0s	Obs	1x1	512x512	(1064, 1048)	Q=98	3	0	2.0sec				
Subr= 2		20-time(s)		300.0sec													
Seqn= 94		1-time(s)		100.0sec													
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	512x512	(1064, 1048)	Q=95	2	0	2.0sec				
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	512x512	(1064, 1048)	Q=95	3	0	2.0sec				
Seqn= 58		1-time(s)		100.0sec													
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3	1	2.0sec				
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384	(1064, 1048)	Q=95	3	1	2.0sec				
Seqn= 48		1-time(s)		2.0sec													
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3	2	2.0sec				
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384	(1064, 1048)	Q=95	3	2	2.0sec				
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)			Comp.	AEC Buffer	Interval				

XOB #1D08: Synoptic for HOP448 w/ Al-mesh(3/128/723), Al-poly(5/181/1443), Thin-Be(24/512/4096), Thick-Be(32768), Med-Al(181/5795/32768), Med-Be(88/

Term	Pointing (x, y)	Comment
02/14 18:18:30 - 02/14 18:25:24	Fixed (0.0, 0.0)	synoptic, shifted 15.5 min
PROG= 05 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= 55 1-time(s) 2.0sec		
Open/Al-mesh	Open/Al-mesh close	Safe Norm 2ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Al-mesh	Open/Al-mesh close	Safe Norm 125ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Al-mesh	Open/Al-mesh close	Safe Norm 707ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Seqn= 98 1-time(s) 2.0sec		
Al-poly/Open	Al-poly/Open close	Safe Norm 5ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Al-poly/Open	Al-poly/Open close	Safe Norm 177ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Al-poly/Open	Al-poly/thick-Al close	Safe Norm 1.41s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Seqn= 76 1-time(s) 2.0sec		
thin-Be/Open	thin-Be/Open close	Safe Norm 24ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
thin-Be/Open	thin-Be/Open close	Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
thin-Be/Open	thin-Be/Open close	Safe Norm 4.00s 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= 41 1-time(s) 2.0sec		
Open/thick-Be	Open/thick-Be close	Safe Norm 32.0s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Seqn= 18 1-time(s) 2.0sec		
med-Al/Open	med-Al/thick-Al close	Safe Norm 177ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
med-Al/Open	med-Al/Open close	Safe Norm 5.66s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
med-Al/Open	med-Al/Open close	Safe Norm 32.0s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Seqn= 86 1-time(s) 2.0sec		
med-Be/Open	Open/thick-Al close	Safe Norm 86ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
med-Be/Open	med-Be/Open close	Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
med-Be/Open	med-Be/Open close	Safe Norm 22.6s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Default Filter	Thicker Filter	VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

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Flare mode

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XOB #1C96: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Be/thick), AEC 3, 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512x512 2x2) + GL

Term	Pointing (x, y)	Comment
02/14 12:53:00 - 02/14 17:51:30	Track (743.9, -232.8) @ 02/14 12:50:00	End of synoptics. AR obs.
02/14 18:28:30 - 02/15 05:59:54	Track (771.7, -237.5) @ 02/14 18:25:30	# AR obs.
02/15 06:13:00 - 02/15 09:46:30	Track (822.6, -248.2) @ 02/15 06:10:00	# AR obs.
PROG= 12 30-time(s)		
Subr= 1 20-time(s) 2.0sec		
Seqn= 11 1-time(s) 2.0sec		
Al-poly/Open	Al-poly/thick-Al close	Safe Norm 125ms Obs 2x2 512x512 (1024, 1024) Q=95 2 0 2.0sec
Seqn= 73 1-time(s) 10.0sec		
thin-Be/Open	med-Be/Open close	Safe Norm 125ms Obs 1x1 384x384 (1024, 1024) Q=95 3 0 2.0sec
med-Be/Open	Open/thick-Al close	Safe Norm 250ms Obs 1x1 384x384 (1024, 1024) Q=95 3 0 2.0sec
Open/thick-Be	Open/thick-Be close	Safe Norm 2.00s Obs 1x1 384x384 (1024, 1024) Q=95 3 0 2.0sec
Subr= 2 1-time(s) 2.0sec		
Seqn= 10 1-time(s) 2.0sec		
med-Al/Open	med-Al/thick-Al close	Safe Norm 500ms Obs 1x1 384x384 (1024, 1024) Q=95 3 0 2.0sec
Open/thick-Be	Open/thick-Be close	Safe Norm 2.00s Obs 1x1 384x384 (1024, 1024) Q=95 3 0 2.0sec
Seqn= 11 1-time(s) 2.0sec		
Al-poly/Open	Al-poly/thick-Al close	Safe Norm 125ms Obs 2x2 512x512 (1024, 1024) Q=95 2 0 2.0sec
Seqn= 87 1-time(s) 2.0sec		
Open/G-band	Open/G-band open	Safe Norm 1ms Obs 1x1 384x384 (1024, 1024) Q=98 0 0 2.0sec
Open/G-band	Open/G-band close	Safe Norm 1ms Obs 1x1 384x384 (1024, 1024) Q=98 0 0 2.0sec
Open/thick-Al	Open/thick-Al close	Safe Dark 1.00s Obs 1x1 384x384 (1024, 1024) Q=98 0 0 2.0sec
Open/thick-Al	Open/thick-Al close	Safe Dark 1.00s Obs 2x2 512x512 (1024, 1024) Q=98 0 0 2.0sec
Default Filter	Thicker Filter	VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

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Active Region Search

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NOT USED

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Flare Detection

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FLD Patrol

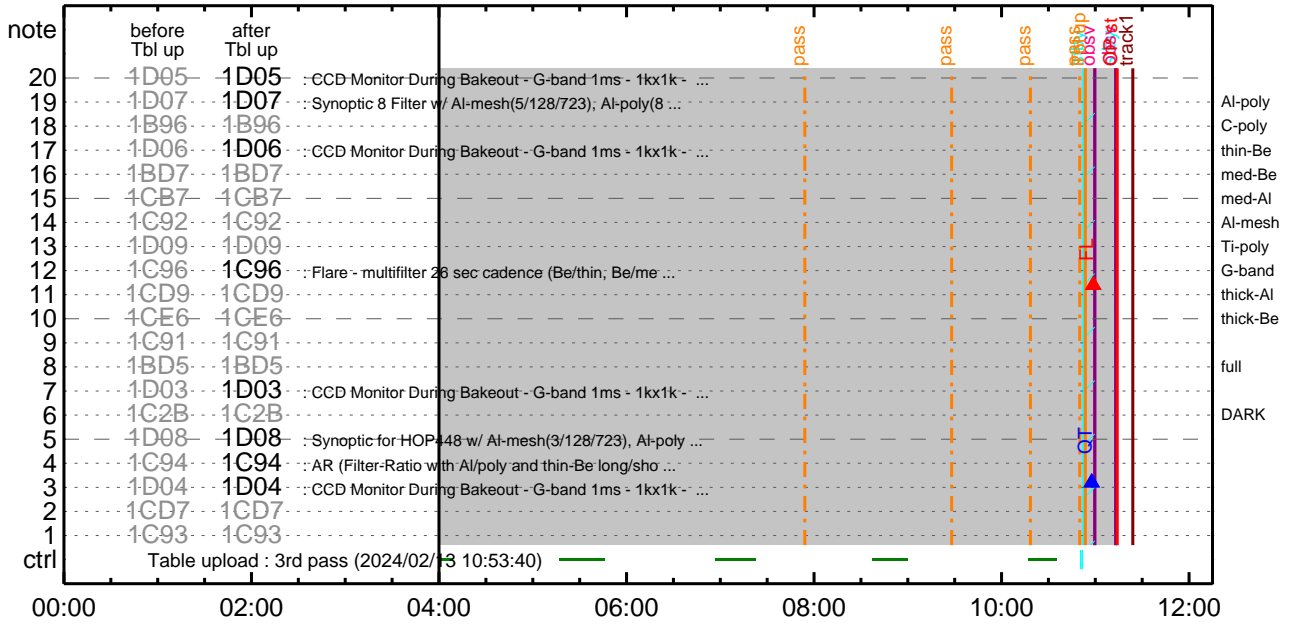
Term	Pointing (x, y)	Comment
02/13 10:54:40 - 02/14 12:02:56	cannot be identified	
02/14 12:50:18 - 02/14 18:15:48	Track (743.9, -232.8) @ 02/14 12:50:00	End of synoptics. AR obs.

02/14 18:25:48 - 02/15 06:00:18 Track (771.7, -237.5) @ 02/14 18:25:30 # AR obs.

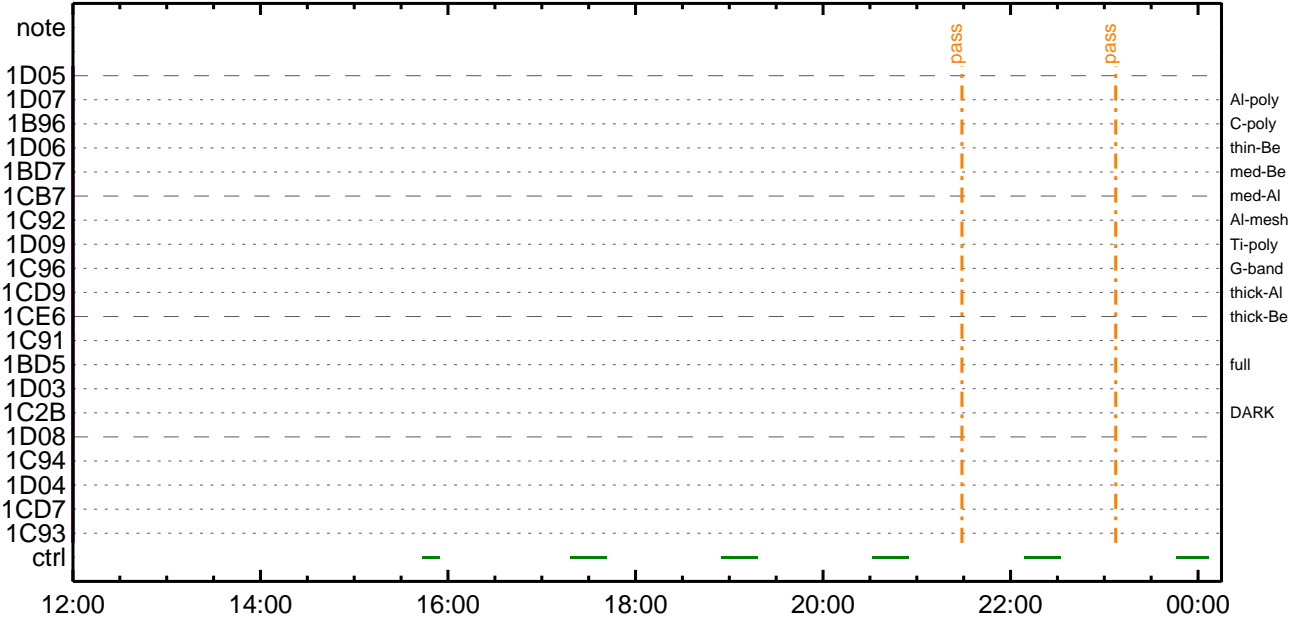
02/15 06:10:18 - 02/17 11:21:00 Track (822.6, -248.2) @ 02/15 06:10:00 # AR obs.

Al-poly/Open	Al-poly/Open	close	Safe	Norm	4ms	Obs	8x8			Q=50		30sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval

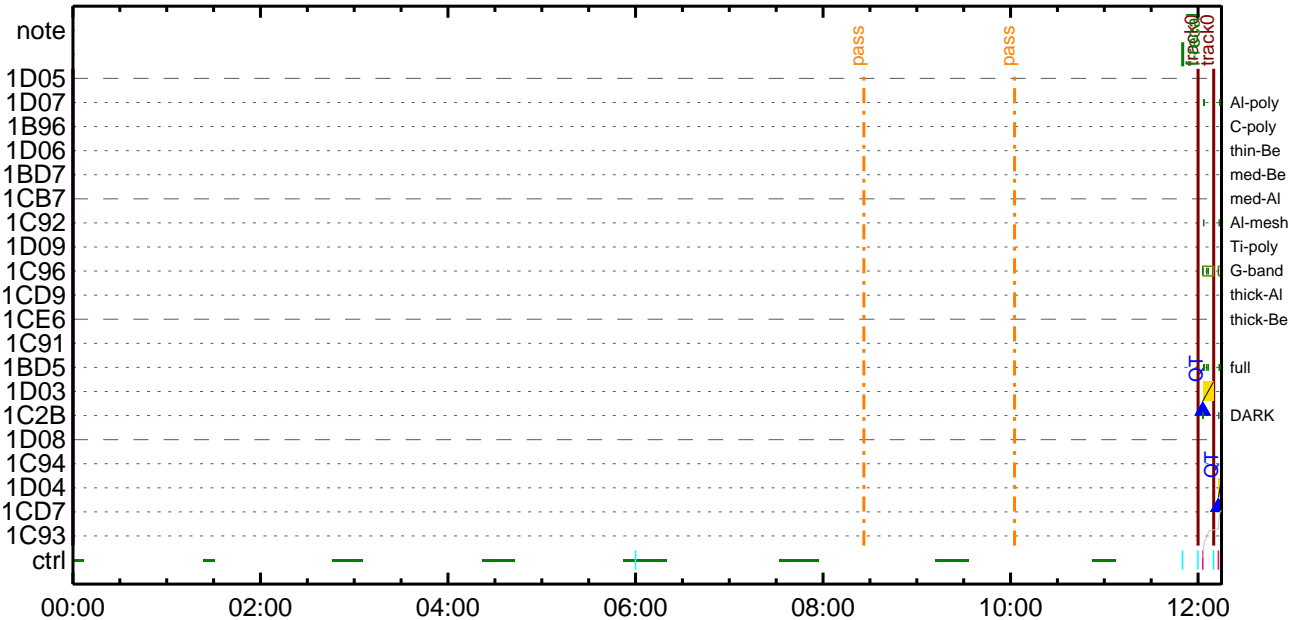
CMDI #0615 2024/02/13



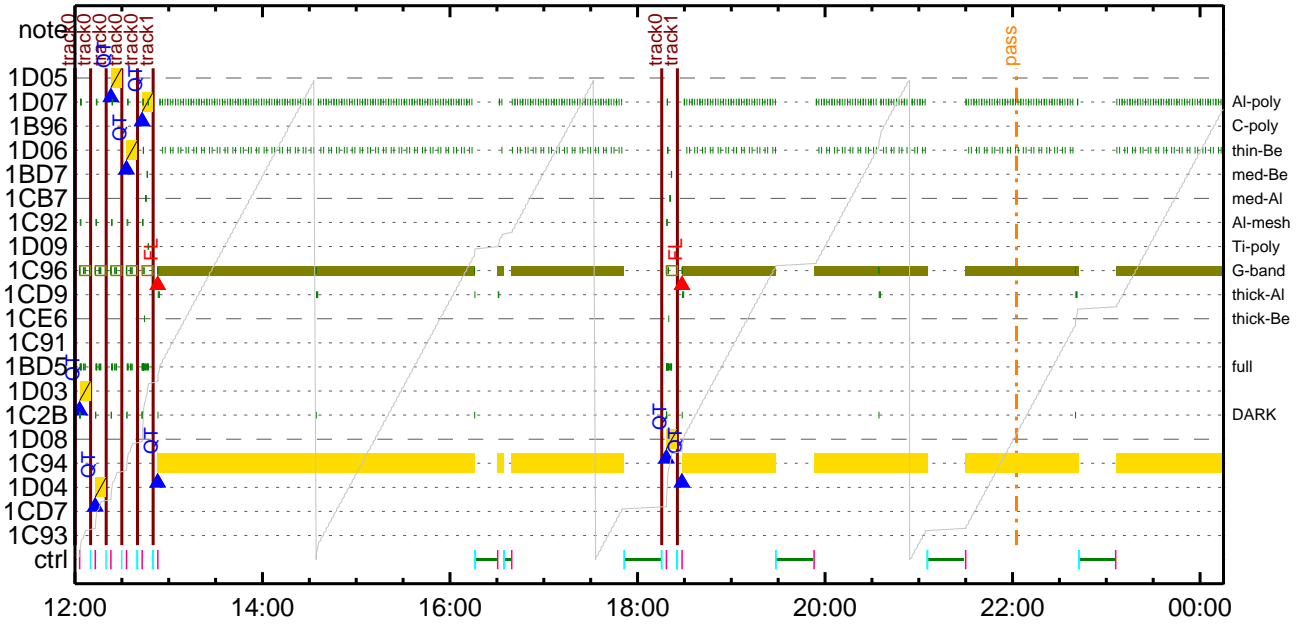
CMDI #0615 2024/02/13



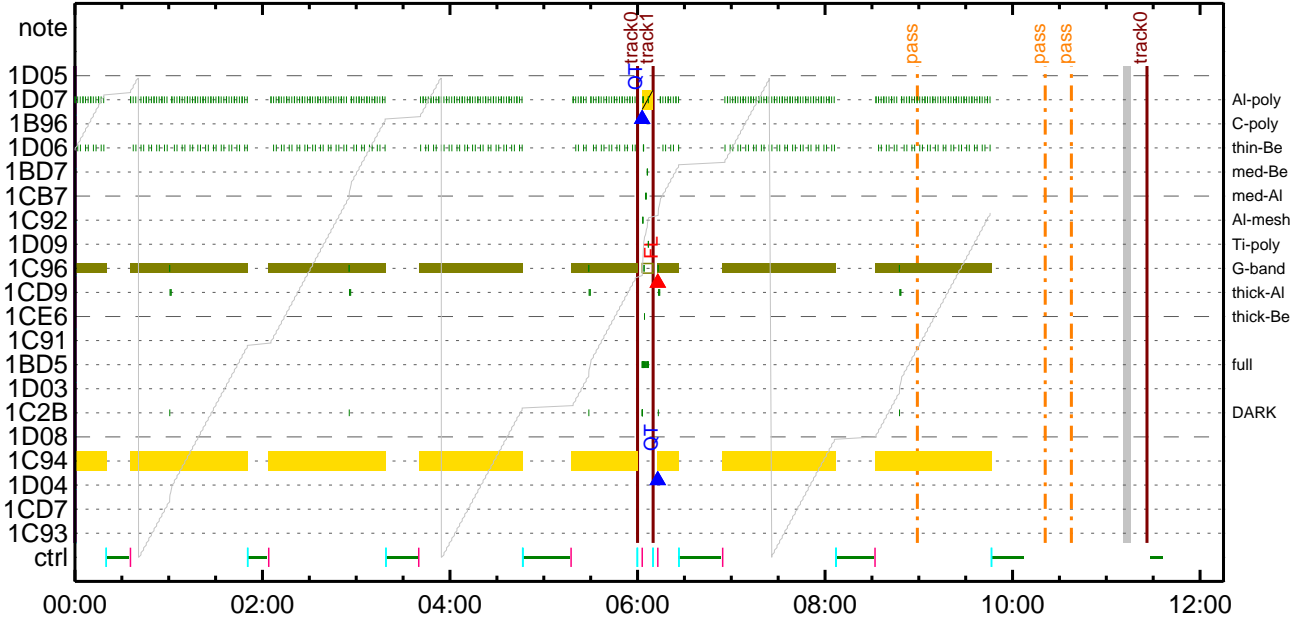
CMDI #0615 2024/02/14



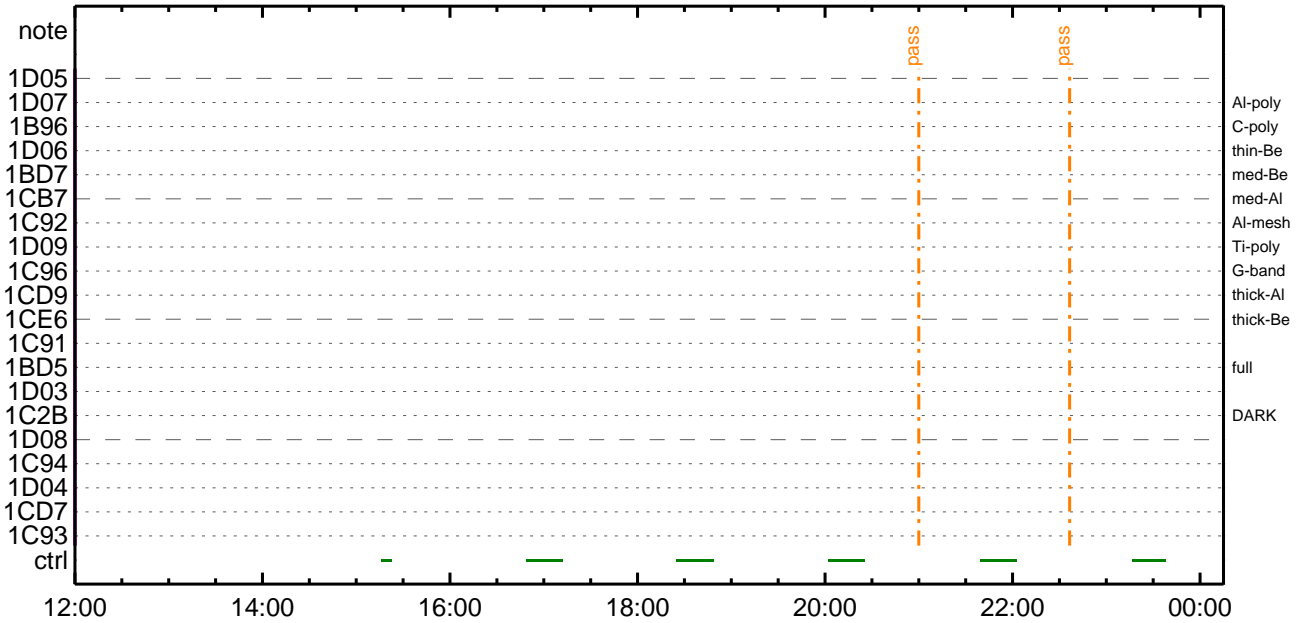
CMDI #0615 2024/02/14



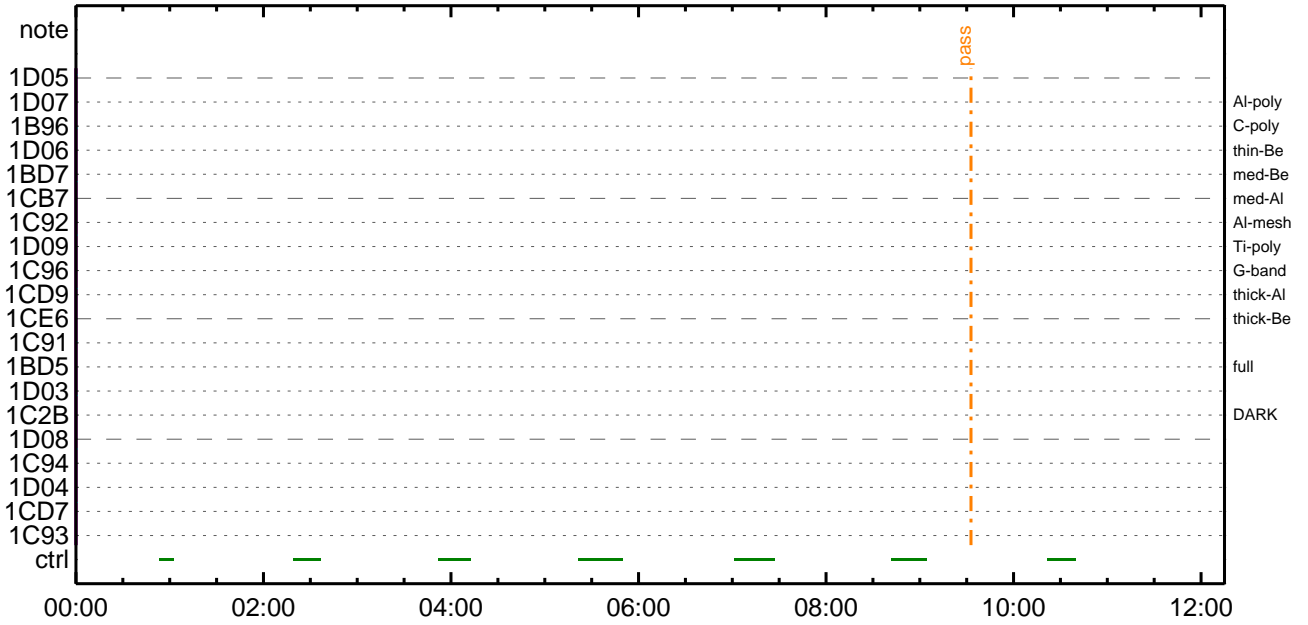
CMDI #0615 2024/02/15



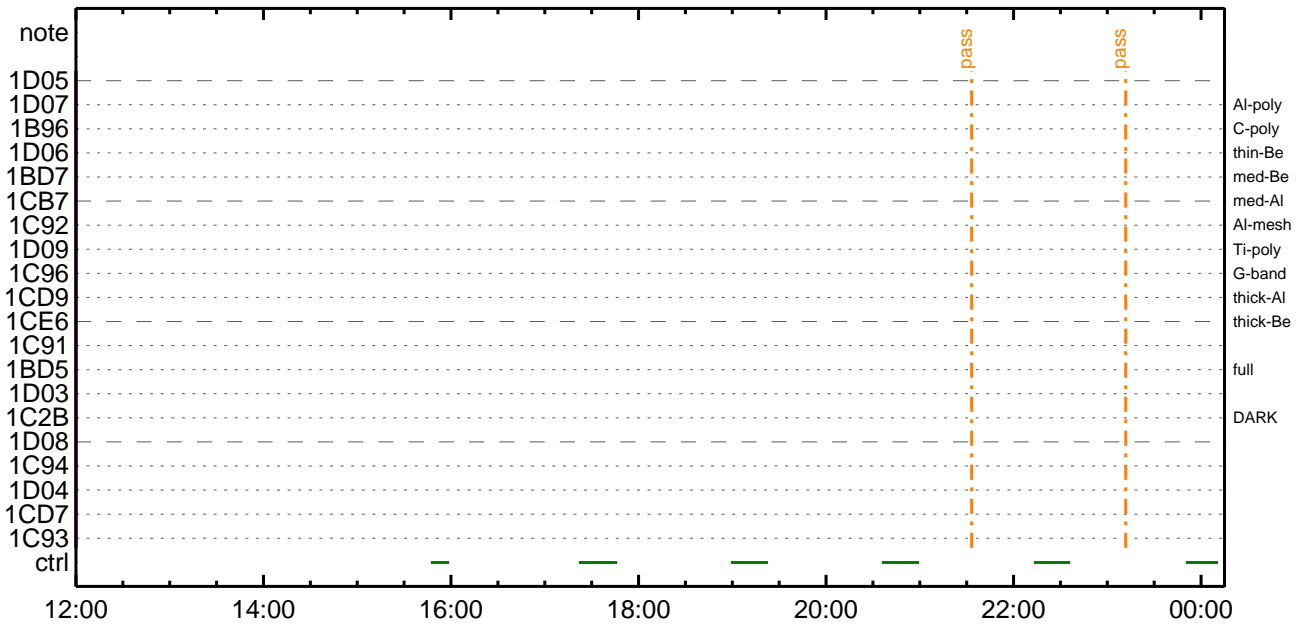
CMDI #0615 2024/02/15



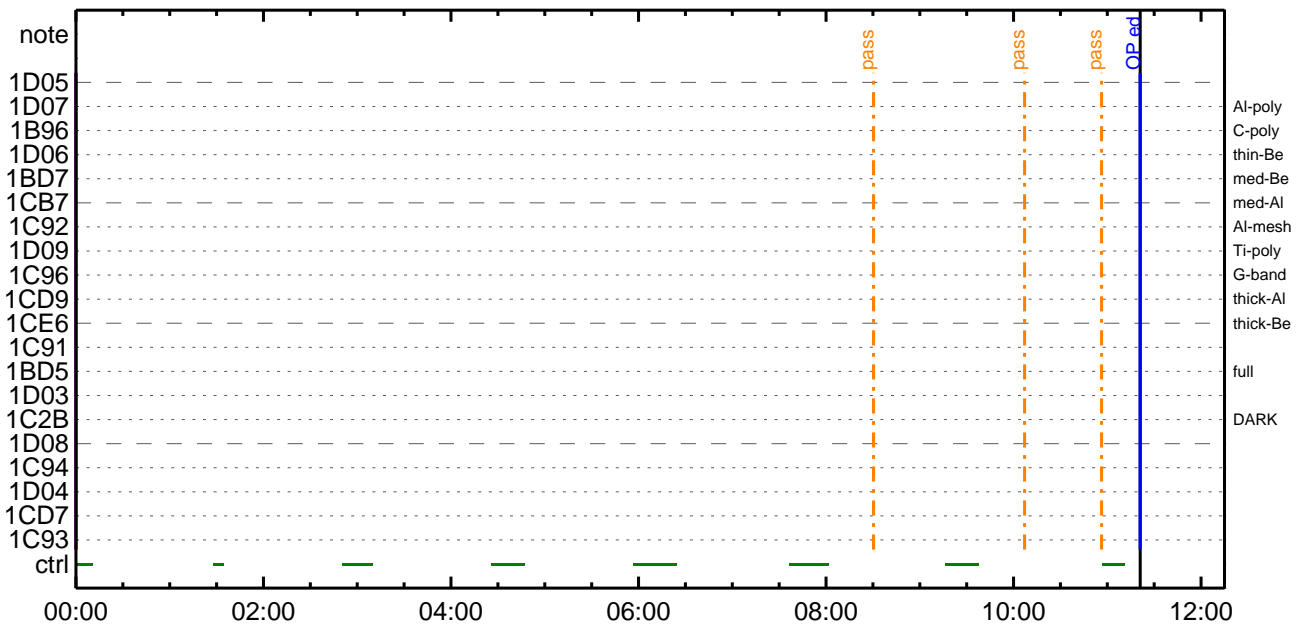
CMDI #0615 2024/02/16



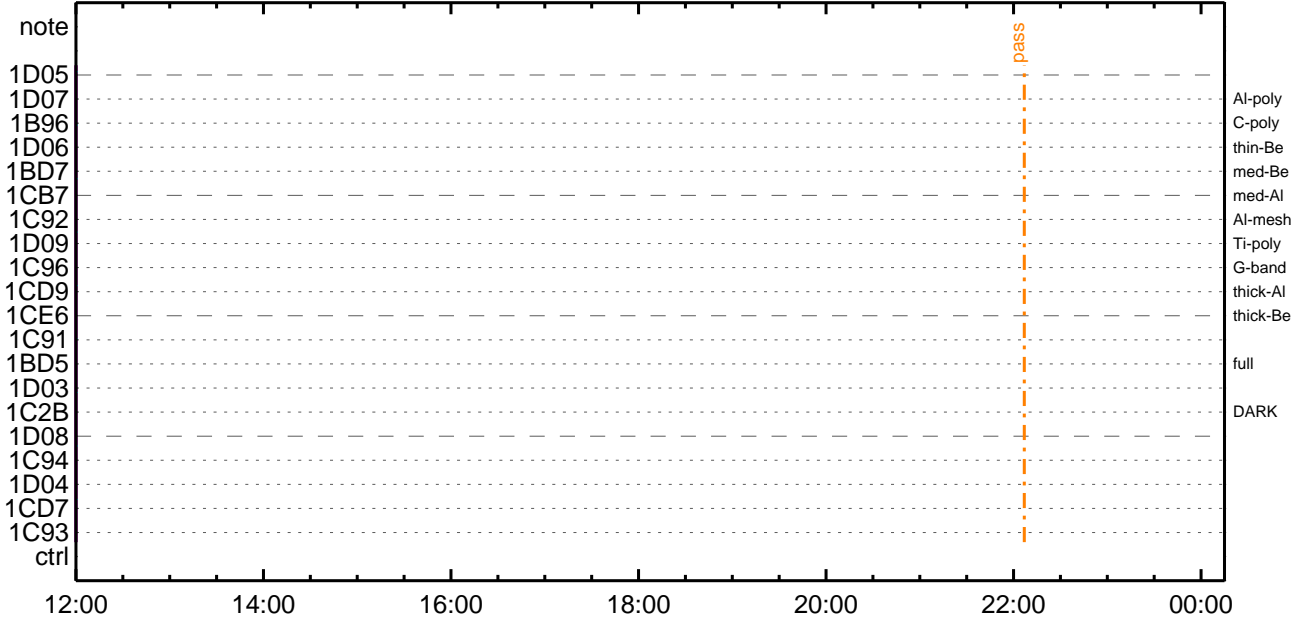
CMDI #0615 2024/02/16



CMDI #0615 2024/02/17



CMDI #0615 2024/02/17



0096 C. SET EDUMP I±°iYÑY¹aÇ¹Ôa|a³aE;f
0097 C.
0098 C. TIY³YFYYÖYÉaDÄDİ¿(UT)
0099 +. TI 2024-02-13 11:09:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0102 C.
0103 +. TI 2024-02-13 11:09:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0106 C.
0107 +. TI 2024-02-13 11:09:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0110 C.
0111 +. TI 2024-02-13 11:13:59.5
0112 DC 01-B2 DHU_OP_START
0113 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0114 C.
0115 C. °E²¼aİÄè%îÍÑaİYÁY§YÄY-¹àÛ
0116 C. çç[HK1_TI_CMD_ENA/DIS] EQ ENA
0117 C. çç[HK1_TI_CMD_NUM] EQ 4
0118 C. çç[HK1_NEXT_EXEC_PIM] EQ DHU
0119 C. çç[HK1_NEXT_EXEC_DC] EQ 0xB3
0120 C.
0121 C. *****
0122 C. TIİî°èYÄYÖY×
0123 C. *****
0124 C.
0125 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0126 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0127 BC (03 ab 03 01 02)
0128 C. çç[HK1_DMP_TOP_ADRS_1] EQ 07
0129 C. çç[HK1_DMP_TOP_ADRS_0] EQ 2B
0130 C. çç[HK1_DMP_BLOCK_NUM] EQ 3
0131 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0132 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC (07 0b f8)
0135 C. çç[HK1_PKT_FORM_NO] EQ 7
0136 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0137 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0138 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0139 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0140 C.
0141 C. YÄYÖY×½ªİ»aD³İÇ§
0142 C. çç[HK1_DMP_CHK_FLG] EQ NON
0143 C.
0144 C. RAM ID=TI_TBLaİ%È¹Ç•è²İOKaD³İÇ§
0145 C.
0146 C. DHUYâ;¼YÉ;È¼Y¼, Yî;¼YÈ;ÈaDİãa¹
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC (02 0a f8)
0149 C. çç[HK1_PKT_FORM_NO] EQ 2
0150 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0151 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0152 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0153 C.
0154 C. Stop EIS observation and temporarily disable EIS mode changes
0155 C.
0156 C.
0157 C. ***** Start EIS operation (TI set) *****
0158 C. Execute, after the success of OP upload.
0159 C. Set EIS TI-commands
0160 +. TI 2024-02-13 11:13:30.0
0161 DC 07-FC EIS_MODE_MANU
0162 BC (21 02)
0163 +. TI 2024-02-13 11:13:40.0
0164 DC 07-FC EIS_MODE_CHG_DIS
0165 BC (22)
0166 C. [] [HK1_TI_CMD_NUM] EQ 2 COUNTUP
0167 C. ***** End EIS operation (TI set) *****
0168 C.
0169 C.
0170 C.
0171 C. ***** XRT START *****
0172 C. Execute, after the success of OP upload.
0173 +. TI 2024-02-13 11:13:00.0
0174 DC 07-F0 MDP_XRT_MODE_STBY
0175 BC (c3)
0176 C. [] [HK1_TI_CMD_NUM] EQ 1COUNTUP
0177 C.
0178 C. ***** XRT END *****
0179 C.
0180 C. ***** MDP ´ûÃîaİ»ö¼Y¼aÈÄD³aèDCBC•x²è *****
0181 C. (%ã°îYÖYÄYÉYFYYÉYÄYÇYèaE¼aD¼Å»Ûa¹aè)
0182 S. DC-BC dcbc-402:DCBC
0183 (MDP_known_event)
0184 C.
0185 C.
0186 C. ***** YDÿ¹.İ Daily±¿İÑaÈ¹Øa¹aèDCBC•x²è *****
0187 S. DC-BC dcbc-153:DCBC
0188 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0189 C.
0190 C.
0191 C. ;ãLOS¥ÄY§YÄY-¼Å»Û;ã
0192 C.
0193 C. ***** LOS *****

(a) Spacecraft Operation Procedure (real-commands)

```
main-378 2024-02-13 14:53:04 106 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÄY-¼Ä»Û;ä
0005 C.
0006 C. YÄYß;¼Y³YFÿÖYÉÄ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èø¿øÀø•µ°È×ÁÇøíYçYÄY×Yí;¼YÉ;ÈÈè%µ•ííÉ;ÈøÈ¼°ÇÖø•ø¿¼í¹çøí;çÄ®, ùø¹øÈøÈøÇÄ+¿®ø•øÈøøø³øÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 +. DC 07-F0 MDP_XRT_CTRL_MANU
0020 BC (c1)
0021 + DC 07-F0 MDP_XRT_MODE_STBY
0022 BC (c3)
0023 . C. ----- Success Verify ? OK / NG____
0024 C.
0025 C. XRT Obs. Table Upload
0026 . S. RAM ram-291:MDP_OBS_X
0027 ( )
0028 C.
0029 +. DC 07-F0 MDP_DUMP_XRTTBL
0030 BC (84 07 00 00 00 3a d4)
0031 . C. ----- Comparison Check ? OK / ERR ____
0032 C.
0033 C.
0034 +. DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 01 b1 b1 04 04)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 02 b1 b1 08 08)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 03 b1 b1 08 08)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 04 b1 b1 06 06)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 05 85 83 06 06)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 06 85 83 08 08)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 07 c0 c0 10 10)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 08 80 80 20 20)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 09 40 c0 10 10)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0a 40 40 10 10)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0b c0 40 10 10)
0056 + DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 0c 80 80 20 08)
0058 + DC 07-F0 MDP_XRT_ROI_SET
0059 BC (cd 0d 80 80 08 20)
0060 + DC 07-F0 MDP_XRT_ROI_SET
0061 BC (cd 0f 80 80 06 06)
0062 + DC 07-F0 MDP_XRT_ROI_SET
0063 BC (cd 10 80 80 08 08)
0064 + DC 07-F0 MDP_XRT_FLD_ENA
0065 BC (d8)
0066 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0067 BC (c8)
0068 + DC 07-F0 MDP_XRT_ARS_DIS
0069 BC (d5)
0070 + DC 07-F0 MDP_XRT_AEC_RESET
0071 BC (d0)
0072 + DC 07-F0 MDP_XRT_FLD_RESET
0073 BC (da)
0074 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0075 BC (c4 04)
0076 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0077 BC (c5 0c)
0078 . C. ----- Success Verify ? OK / NG ____
0079 C.
0080 C.
0081 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0082 C.
0083 +. DC 07-F0 MDP_XRT_MODE_OBSV
0084 BC (c2)
0085 +. TI 2024-02-13 11:13:02.0
0086 DC 07-F0 MDP_XRT_MODE_OBSV
0087 BC (c2)
0088 . C. ----- Success Verify ? OK / NG ____
0089 C.
0090 C. ***** XRT END *****
0091 C.
0092 . C. ***** MDP `ûÄíøí»ò¼YøÈÄø¹øÈDCBC•×²è *****
0093 C. (¼á°íYÖYÄYÈYÿYÿYÄYçYÈøÈ%øø¼Ä»Ûø¹øÈ)
0094 . S. DC-BC dcbc-402:DCBC
0095 (MDP_known_event)
```

0096 C.
0097 C.
0098 . C. ***** ¥Ð¥!•ï Daily±¿ÍÑ¤È´Ø¤¹¤èDCBC•x²è *****
0099 . S. DC-BC dcbc-153:DCBC
0100 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0101 C.
0102 C.
0103 . C. ;ãLOS¥Á¥\$¥Ã¥-¼Á»Û;ã
0104 C.
0105 . C. ***** LOS *****
0106 C.

*** OP Sequence for XRT ***

```

2024/02/13 11:24:00.0 AOCs_OrE-point_Start_1_OG [0x097]
                    AOCU_NM                    5 02-76 01 03 74 01 db
2024/02/14 06:00:00.0 XRT_CTRL_MANU_400_OG [0x190]
                    MDP_XRT_CTRL_MANU         1 07-F0 c1
2024/02/14 06:00:02.0 XRT_TCIB_XRT_S_HTR_A_DIS_414_OG [0x19e]
                    TCIB_XRT_S_HTR_A_DIS      0 04-C0
2024/02/14 11:50:00.0 XRT_CTRL_MANU_404_OG [0x194]
                    MDP_XRT_CTRL_MANU         1 07-F0 c1
2024/02/14 11:50:10.0 XRT_FOCUS_RECALIBRATE_405_OG [0x195]
                    XRT_FOCUS_RECAL           2 07-F8 78 00
2024/02/14 11:54:10.0 XRT_FOCUS_POSITION_406_OG [0x196]
                    XRT_FOCUS_POSITION        4 07-F8 22 ff aa 00
2024/02/14 11:59:54.0 XRT_CTRL_MANU_402_OG [0x192]
                    MDP_XRT_CTRL_MANU         1 07-F0 c1
2024/02/14 11:59:56.0 XRT_FOCUS_POSITION_417_OG [0x1a1]
                    XRT_FOCUS_POSITION        4 07-F8 22 ff aa 00
2024/02/14 12:00:00.0 AOCs_OrE-point_Start_2_OG [0x098]
                    AOCU_NM                    5 02-76 00 2e f9 2e f9
2024/02/14 12:02:52.0 XRT_ARS_DIS_427_OG [0x1ab]
                    MDP_XRT_ARS_DIS           1 07-F0 d5
2024/02/14 12:02:54.0 XRT_FLRCTRL_DIS_449_OG [0x1c1]
                    MDP_XRT_FLRCTRL_DIS       1 07-F0 c9
2024/02/14 12:02:56.0 XRT_FLD_DIS_429_OG [0x1ad]
                    MDP_XRT_FLD_DIS           1 07-F0 d9
2024/02/14 12:02:58.0 XRT_QT_PROG_SET_425_OG [0x1a9]
                    MDP_XRT_QT_PROG_SET       2 07-F0 c4 07
2024/02/14 12:03:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                    MDP_XRT_CTRL_AUTO         1 07-F0 c0
2024/02/14 12:09:54.0 XRT_CTRL_MANU_402_OG [0x192]
                    MDP_XRT_CTRL_MANU         1 07-F0 c1
2024/02/14 12:09:56.0 XRT_FOCUS_POSITION_417_OG [0x1a1]
                    XRT_FOCUS_POSITION        4 07-F8 22 ff aa 00
2024/02/14 12:10:00.0 AOCs_OrE-point_Start_3_OG [0x099]
                    AOCU_NM                    5 02-76 00 2e f9 d1 07
2024/02/14 12:12:52.0 XRT_ARS_DIS_427_OG [0x1ab]
                    MDP_XRT_ARS_DIS           1 07-F0 d5
2024/02/14 12:12:54.0 XRT_FLRCTRL_DIS_449_OG [0x1c1]
                    MDP_XRT_FLRCTRL_DIS       1 07-F0 c9
2024/02/14 12:12:56.0 XRT_FLD_DIS_429_OG [0x1ad]
                    MDP_XRT_FLD_DIS           1 07-F0 d9
2024/02/14 12:12:58.0 XRT_QT_PROG_SET_421_OG [0x1a5]
                    MDP_XRT_QT_PROG_SET       2 07-F0 c4 03
2024/02/14 12:13:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                    MDP_XRT_CTRL_AUTO         1 07-F0 c0
2024/02/14 12:19:54.0 XRT_CTRL_MANU_402_OG [0x192]
                    MDP_XRT_CTRL_MANU         1 07-F0 c1
2024/02/14 12:19:56.0 XRT_FOCUS_POSITION_417_OG [0x1a1]
                    XRT_FOCUS_POSITION        4 07-F8 22 ff aa 00
2024/02/14 12:20:00.0 AOCs_OrE-point_Start_4_OG [0x09a]
                    AOCU_NM                    5 02-76 00 d1 07 d1 07
2024/02/14 12:22:52.0 XRT_ARS_DIS_427_OG [0x1ab]
                    MDP_XRT_ARS_DIS           1 07-F0 d5
2024/02/14 12:22:54.0 XRT_FLRCTRL_DIS_449_OG [0x1c1]
                    MDP_XRT_FLRCTRL_DIS       1 07-F0 c9
2024/02/14 12:22:56.0 XRT_FLD_DIS_429_OG [0x1ad]
                    MDP_XRT_FLD_DIS           1 07-F0 d9
2024/02/14 12:22:58.0 XRT_QT_PROG_SET_432_OG [0x1b0]
                    MDP_XRT_QT_PROG_SET       2 07-F0 c4 14
2024/02/14 12:23:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                    MDP_XRT_CTRL_AUTO         1 07-F0 c0
2024/02/14 12:29:54.0 XRT_CTRL_MANU_402_OG [0x192]
                    MDP_XRT_CTRL_MANU         1 07-F0 c1
2024/02/14 12:29:56.0 XRT_FOCUS_POSITION_417_OG [0x1a1]
                    XRT_FOCUS_POSITION        4 07-F8 22 ff aa 00
2024/02/14 12:30:00.0 AOCs_OrE-point_Start_5_OG [0x09b]
                    AOCU_NM                    5 02-76 00 d1 07 2e f9
2024/02/14 12:32:52.0 XRT_ARS_DIS_427_OG [0x1ab]
                    MDP_XRT_ARS_DIS           1 07-F0 d5
2024/02/14 12:32:54.0 XRT_FLRCTRL_DIS_449_OG [0x1c1]
                    MDP_XRT_FLRCTRL_DIS       1 07-F0 c9
2024/02/14 12:32:56.0 XRT_FLD_DIS_429_OG [0x1ad]
                    MDP_XRT_FLD_DIS           1 07-F0 d9
2024/02/14 12:32:58.0 XRT_QT_PROG_SET_416_OG [0x1a0]
                    MDP_XRT_QT_PROG_SET       2 07-F0 c4 11
2024/02/14 12:33:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                    MDP_XRT_CTRL_AUTO         1 07-F0 c0
2024/02/14 12:39:54.0 XRT_CTRL_MANU_402_OG [0x192]
                    MDP_XRT_CTRL_MANU         1 07-F0 c1
2024/02/14 12:39:56.0 XRT_CTRL_MANU_402_OG [0x192]
                    MDP_XRT_CTRL_MANU         1 07-F0 c1
2024/02/14 12:39:58.0 XRT_FOCUS_POSITION_406_OG [0x196]
                    XRT_FOCUS_POSITION        4 07-F8 22 ff aa 00
2024/02/14 12:40:00.0 AOCs_OrE-point_Start_6_OG [0x09c]
                    AOCU_NM                    5 02-76 00 00 00 00 00
2024/02/14 12:40:18.0 XRT_FLD_DIS_409_OG [0x199]
                    MDP_XRT_FLD_DIS           1 07-F0 d9
2024/02/14 12:40:20.0 XRT_FLRCTRL_DIS_413_OG [0x19d]
                    MDP_XRT_FLRCTRL_DIS       1 07-F0 c9
2024/02/14 12:40:22.0 XRT_ARS_DIS_435_OG [0x1b3]
                    MDP_XRT_ARS_DIS           1 07-F0 d5
2024/02/14 12:42:58.0 XRT_QT_PROG_SET_401_OG [0x191]

```

2024/02/14	12:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/02/14	12:49:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/02/14	12:49:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/02/14	12:49:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe	97 00
2024/02/14	12:50:00.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01 03	74 01 db
2024/02/14	12:50:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2024/02/14	12:50:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2024/02/14	12:50:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2024/02/14	12:50:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2024/02/14	12:50:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/02/14	12:52:56.0	XRT_QT_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	04
2024/02/14	12:52:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0c
2024/02/14	12:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/02/14	16:16:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/02/14	16:16:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/02/14	16:16:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/02/14	16:16:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/02/14	16:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/02/14	16:29:30.0	XRT_Custom_430_OG [0x1ae]					
2024/02/14	16:30:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/02/14	16:34:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/02/14	16:34:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/02/14	16:34:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/02/14	16:34:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/02/14	16:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/02/14	16:38:30.0	XRT_Custom_430_OG [0x1ae]					
2024/02/14	16:39:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/02/14	17:51:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/02/14	17:51:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/02/14	17:51:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/02/14	17:51:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/02/14	17:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/02/14	18:15:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/02/14	18:15:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/02/14	18:15:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff	aa 00
2024/02/14	18:15:30.0	AOCS_Ore-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00 00	00 00 00
2024/02/14	18:15:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2024/02/14	18:15:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2024/02/14	18:15:52.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2024/02/14	18:18:28.0	XRT_QT_PROG_SET_428_OG [0x1ac]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05
2024/02/14	18:18:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/02/14	18:25:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/02/14	18:25:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/02/14	18:25:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe	97 00
2024/02/14	18:25:30.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01 03	74 01 db
2024/02/14	18:25:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2024/02/14	18:25:50.5	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	

2024/02/14	18:25:52.5	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2024/02/14	18:25:54.5	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2024/02/14	18:25:56.5	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2024/02/14	18:28:26.5	XRT_QT_PROG_SET_418_OG [0x1a2]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2024/02/14	18:28:28.5	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0c
2024/02/14	18:28:30.5	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2024/02/14	19:28:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/02/14	19:28:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/02/14	19:28:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2024/02/14	19:28:36.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2024/02/14	19:31:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2024/02/14	19:52:00.0	XRT_Custom_430_OG [0x1ae]			
2024/02/14	19:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2024/02/14	21:05:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/02/14	21:05:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/02/14	21:05:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2024/02/14	21:05:36.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2024/02/14	21:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2024/02/14	21:29:00.0	XRT_Custom_430_OG [0x1ae]			
2024/02/14	21:30:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2024/02/14	22:42:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/02/14	22:42:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/02/14	22:42:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2024/02/14	22:42:36.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2024/02/14	22:45:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2024/02/14	23:05:00.0	XRT_Custom_430_OG [0x1ae]			
2024/02/14	23:06:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2024/02/15	00:20:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/02/15	00:20:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/02/15	00:20:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2024/02/15	00:20:06.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2024/02/15	00:23:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2024/02/15	00:34:30.0	XRT_Custom_430_OG [0x1ae]			
2024/02/15	00:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2024/02/15	01:50:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/02/15	01:50:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/02/15	01:50:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2024/02/15	01:50:36.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2024/02/15	01:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2024/02/15	02:03:00.0	XRT_Custom_430_OG [0x1ae]			
2024/02/15	02:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2024/02/15	03:19:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/02/15	03:19:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/02/15	03:19:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2024/02/15	03:19:06.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2024/02/15	03:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2024/02/15	03:39:00.0	XRT_Custom_430_OG [0x1ae]			
2024/02/15	03:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2024/02/15	04:46:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/02/15	04:46:32.0	XRT_CTRL_MANU_402_OG [0x192]			

2024/02/15	04:46:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/02/15	04:46:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da		
2024/02/15	04:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2024/02/15	05:16:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2024/02/15	05:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2024/02/15	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/02/15	05:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/02/15	05:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/02/15	06:00:00.0	AOCS_OrE-point_Start_6_OG [0x09c]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2024/02/15	06:00:18.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00		
2024/02/15	06:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2024/02/15	06:00:22.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2024/02/15	06:02:58.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2024/02/15	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13		
2024/02/15	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2024/02/15	06:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/02/15	06:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/02/15	06:10:00.0	AOCS_OrE-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2024/02/15	06:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	01 03 74 01 db		
2024/02/15	06:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2024/02/15	06:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2024/02/15	06:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2024/02/15	06:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2024/02/15	06:12:56.0	XRT_QT_PROG_SET_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2024/02/15	06:12:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04		
2024/02/15	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0c		
2024/02/15	06:26:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2024/02/15	06:26:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/02/15	06:26:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/02/15	06:26:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da		
2024/02/15	06:29:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2024/02/15	06:53:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2024/02/15	06:54:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2024/02/15	08:07:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/02/15	08:07:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/02/15	08:07:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/02/15	08:07:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da		
2024/02/15	08:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2024/02/15	08:31:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2024/02/15	08:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2024/02/15	09:46:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/02/15	09:46:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/02/15	09:46:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/02/15	09:46:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da		
2024/02/15	09:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2024/02/15	11:26:00.0	AOCS_OrE-point_Start_6_OG [0x09c]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
		AOCU_NM		5	02-76	00 00 00 00 00		