

XRT Timeline to be uploaded on 2022/09/22

Period: 2022/09/22 11:11:00 - 2022/09/27 10:51:00

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Normal mode

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XOB #1CDF: HOP81/206 1-filter - Al/poly 6s, 60s cadence, G-band - 384x384 1ms													
Term	Pointing (x, y)						Comment						
09/22 11:31:30 - 09/22 17:54:54	Fixed (-21.0, 856.0)						# OP start + 10min. HOP 206 (N pole).						
PROG= 17 Inf.-time(s)													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 16 1-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) 60.0sec													
└─ Seqn= 24 1-time(s) 30.0sec													
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	5.66s	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 #1CCB: Synoptic 7 Filter w/ Al-mesh(8/128/1024), Al-poly(12/181/1443), Thin-Be(64/1024/5795) - Thick-Be(65536), Al-poly+Ti-poly(64/2048), Med-Al(2048)													
Term	Pointing (x, y)						Comment						
09/22 17:58:00 - 09/22 18:04:54	Fixed (0.0, 0.0)						synoptic, shifted -5.0 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= 63 1-time(s) 2.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	8ms	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	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 15 1-time(s) 2.0sec													
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	12ms	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= 27 1-time(s) 2.0sec													
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	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	5.66s	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= 93 1-time(s) 2.0sec													
	med-Al/Open	med-Al/thick-Al	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	med-Al/Open	med-Al/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Seqn= 56 1-time(s) 2.0sec													
	Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	63ms	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 #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						
09/22 18:08:00 - 09/23 03:46:30	Track (634.8, -543.5) ^{Ⓜ 09/22 18:05:00}						# AR 13102 observations.						
09/23 06:13:00 - 09/23 10:16:00	Track (691.7, -533.8) ^{Ⓜ 09/23 06:10:00}						# AR cont.						
09/23 18:10:00 - 09/23 23:45:30	Track (739.1, -523.6) ^{Ⓜ 09/23 18:07:00}						# AR cont.						
09/24 06:42:00 - 09/24 10:38:30	Track (778.6, -512.2) ^{Ⓜ 09/24 06:39:00}						# AR cont.						
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= 47 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	

XOB #1CCF: HOP349 - 3-filter Synoptics (Al-mesh[2/128/723], Al-poly[12/181/1443], thin-Be[24/512/3897] with 512x512 G-band+Leak - 72min cad) + CME watch

Term	Pointing (x, y)	Comment
09/23 04:08:00 - 09/23 05:59:54	Fixed (0.0, 0.0)	HOP 349 + synoptic
09/24 00:07:00 - 09/24 03:59:54	Track (-53.5, -160.9) @ 09/24 00:00:00	# HOP 393 cycle transition.
09/24 04:03:00 - 09/24 06:38:54	Fixed (0.0, 0.0)	HOP 349 + synoptic, shifted 29.0 min

PROG= 07 Inf.-time(s)

Subr= 1	1-time(s)	300.0sec										
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= 15	1-time(s)	2.0sec										
Al-poly/Open	Al-poly/Open	close	Safe	Norm	12ms	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= 79	1-time(s)	2.0sec										
thin-Be/Open	thin-Be/Open	close	Safe	Norm	16ms	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	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 30	1-time(s)	2.0sec										
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2	15-time(s)	360.0sec										
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= 74	1-time(s)	2.0sec										
med-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
med-Be/Open	med-Be/Open	close	Safe	Norm	2.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	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 #1BC0: Synoptic Q95 2x2 - Al/mesh(8/128/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(12/181/1443) + Th

Term	Pointing (x, y)	Comment
09/23 06:03:00 - 09/23 06:09:54	Fixed (0.0, 0.0)	HOP 349 + synoptic
09/23 18:00:00 - 09/23 18:06:54	Fixed (0.0, 0.0)	synoptic, shifted -3.0 min

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= 63	1-time(s)	2.0sec										
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	8ms	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	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 15	1-time(s)	2.0sec										
Al-poly/Open	Al-poly/Open	close	Safe	Norm	12ms	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= 27	1-time(s)	2.0sec										
thin-Be/Open	thin-Be/Open	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	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	5.66s	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 #1B96: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 360s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
09/23 10:35:30 - 09/23 17:56:54	Fixed (860.0, -365.0)	# EIS coronal rain obs. with IRIS.

PROG= 19 Inf.-time(s)

Subr= 1		1-time(s)		2.0sec											
Seqn= 30		1-time(s)		2.0sec											
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec		
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec		
Subr= 2		10-time(s)		360.0sec											
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		
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval			

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Flare mode

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

Term	Pointing (x, y)	Comment
09/22 11:31:30 - 09/22 17:54:54	Fixed (-21.0, 856.0)	# OP start + 10min. HOP 206 (N pole).
09/22 18:08:00 - 09/23 03:46:30	Track (634.8, -543.5) ^{@ 09/22 18:05:00}	# AR 13102 observations.
09/23 04:08:00 - 09/23 05:59:54	Fixed (0.0, 0.0)	HOP 349 + synoptic
09/23 06:13:00 - 09/23 10:16:00	Track (691.7, -533.8) ^{@ 09/23 06:10:00}	# AR cont.
09/23 10:35:30 - 09/23 17:56:54	Fixed (860.0, -365.0)	# EIS coronal rain obs. with IRIS.
09/23 18:10:00 - 09/23 23:45:30	Track (739.1, -523.6) ^{@ 09/23 18:07:00}	# AR cont.
09/24 00:07:00 - 09/24 03:59:54	Track (-53.5, -160.9) ^{@ 09/24 00:00:00}	# HOP 393 cycle transition.
09/24 04:03:00 - 09/24 06:38:54	Fixed (0.0, 0.0)	HOP 349 + synoptic, shifted 29.0 min
09/24 06:42:00 - 09/24 10:38:30	Track (778.6, -512.2) ^{@ 09/24 06:39:00}	# AR cont.

PROG= 04 30-time(s)

Subr= 1		20-time(s)		2.0sec											
Seqn= 11		1-time(s)		2.0sec											
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec		
Seqn= 73		1-time(s)		10.0sec											
	thin-Be/Open	med-Be/Open	close	Safe	Norm	125ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec		
	med-Be/Open	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec		
	Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec		
Subr= 2		1-time(s)		2.0sec											
Seqn= 10		1-time(s)		2.0sec											
	med-Al/Open	med-Al/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec		
	Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec		
Seqn= 11		1-time(s)		2.0sec											
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec		
Seqn= 87		1-time(s)		2.0sec											
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec		
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec		
	Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec		
	Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec		
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval			

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Active Region Search

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NOT USED

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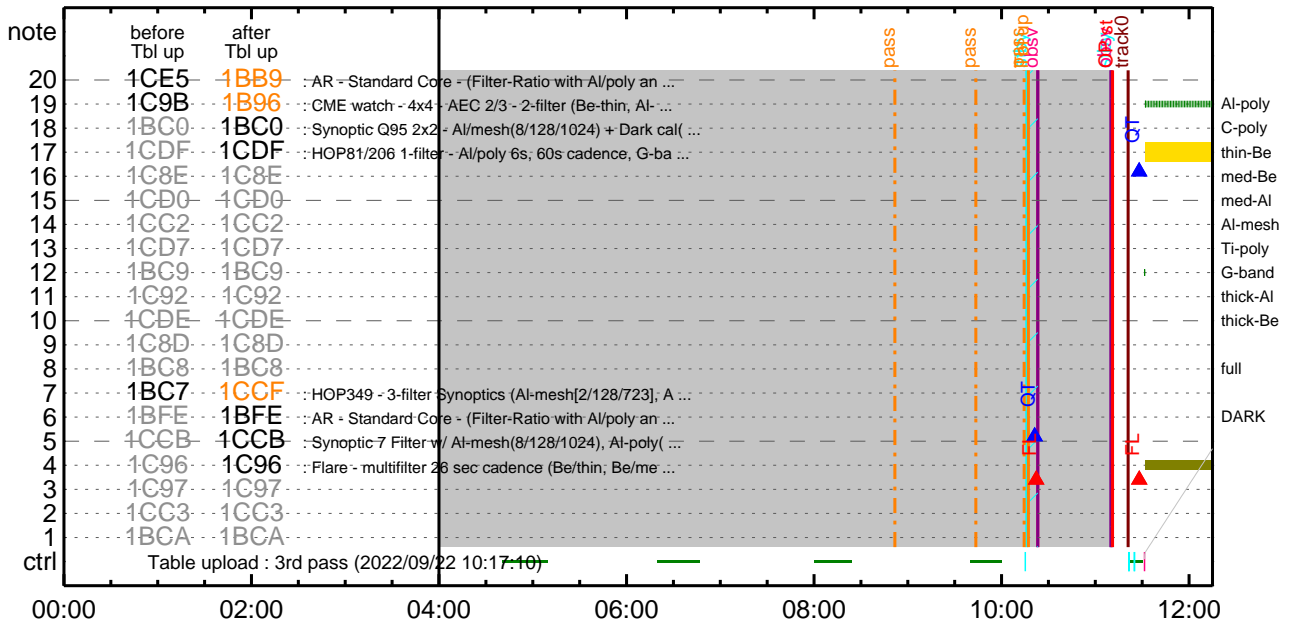
Flare Detection

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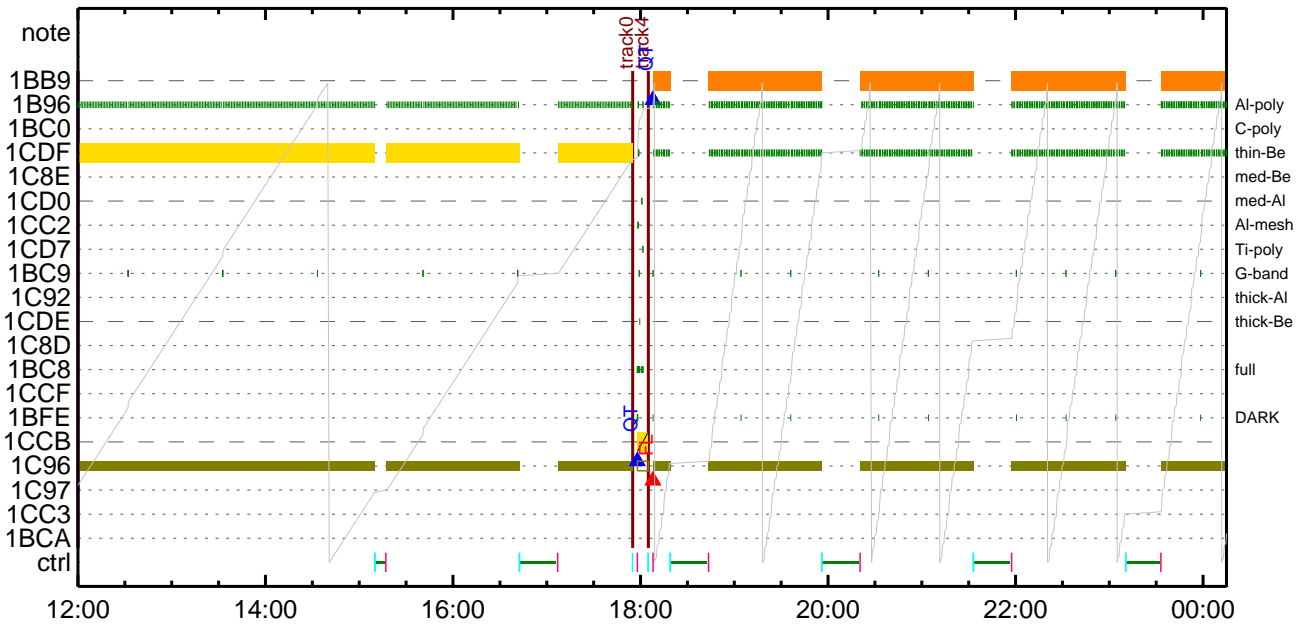
FLD Patrol

Term	Pointing (x, y)	Comment										
09/22 10:18:10 - 09/22 17:55:16	cannot be identified											
09/22 18:05:18 - 09/23 06:00:16	Track (634.8, -543.5) ^{@ 09/22 18:05:00}	# AR 13102 observations.										
09/23 06:10:18 - 09/23 17:57:16	Track (691.7, -533.8) ^{@ 09/23 06:10:00}	# AR cont.										
09/23 18:07:18 - 09/27 10:51:00	Track (739.1, -523.6) ^{@ 09/23 18:07:00}	# AR cont.										
	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

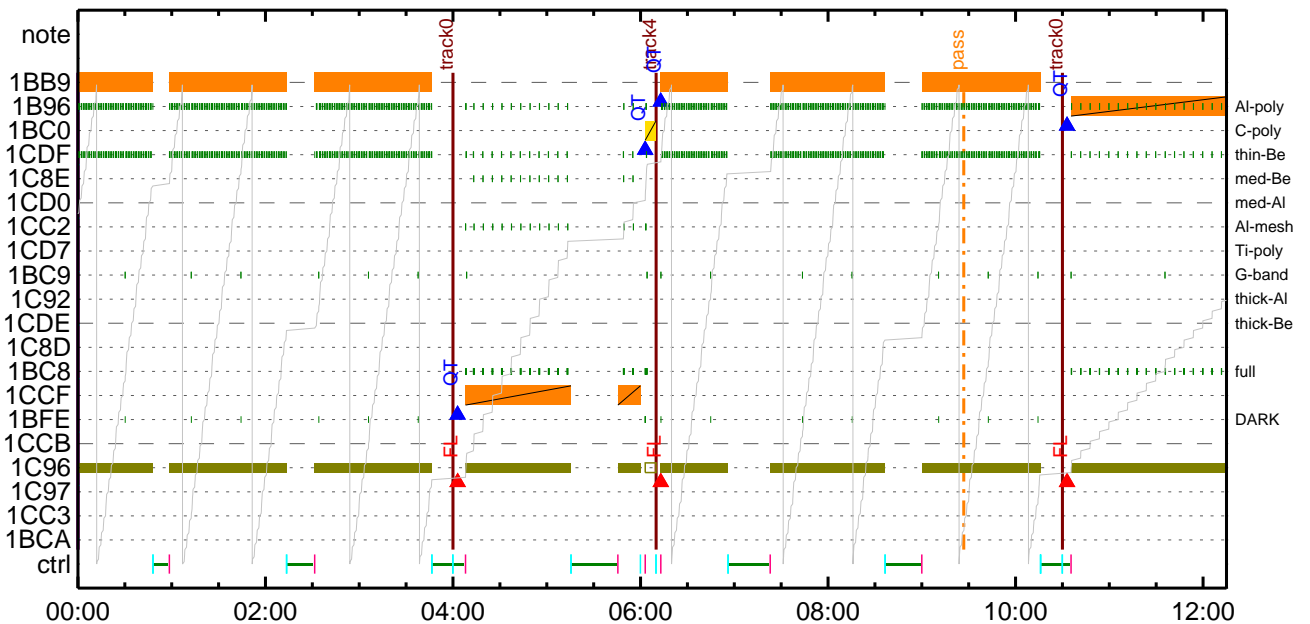
CMDI #0607 2022/09/22



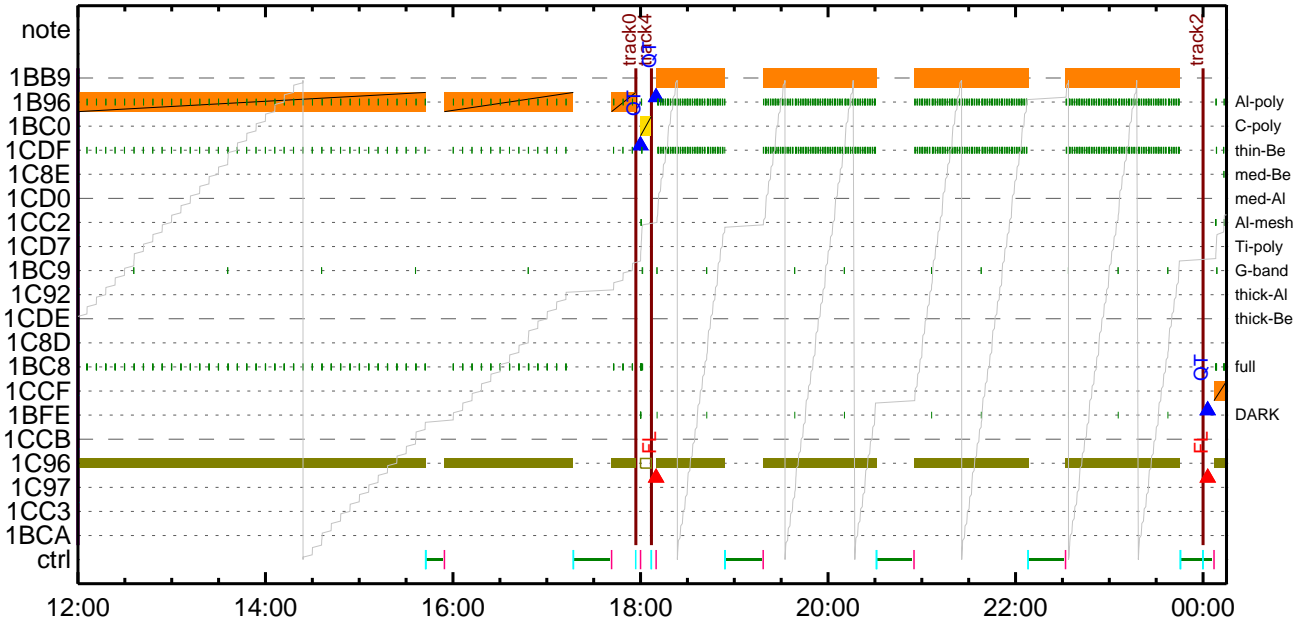
CMDI #0607 2022/09/22



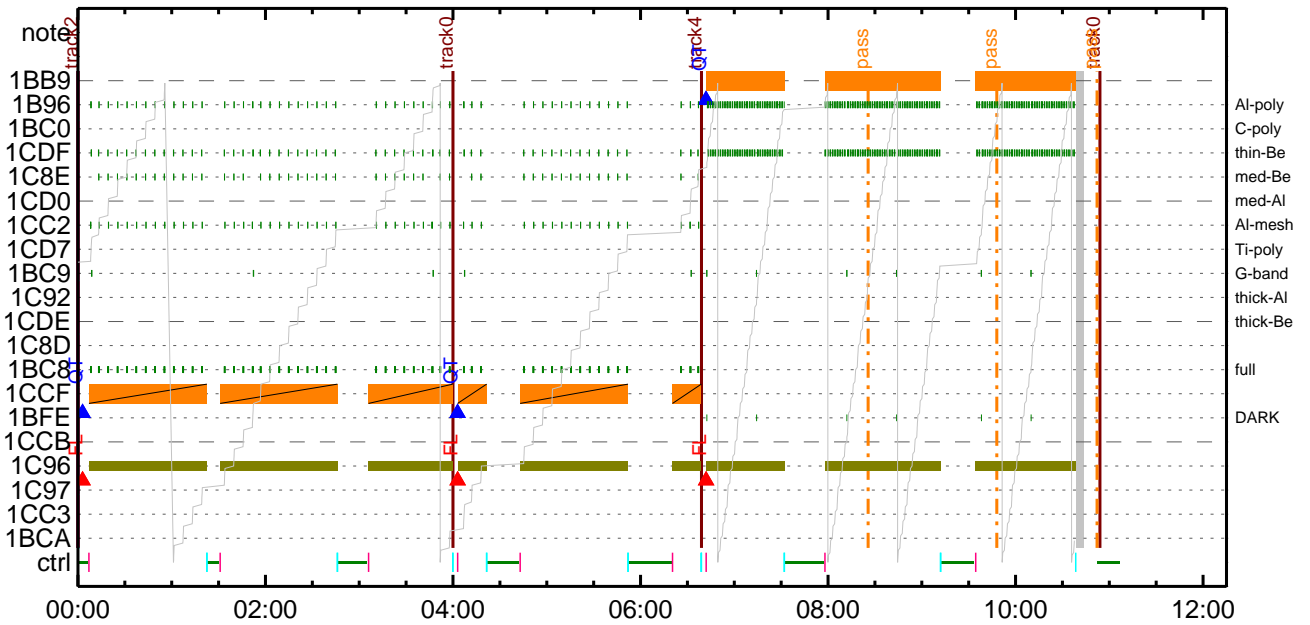
CMDI #0607 2022/09/23



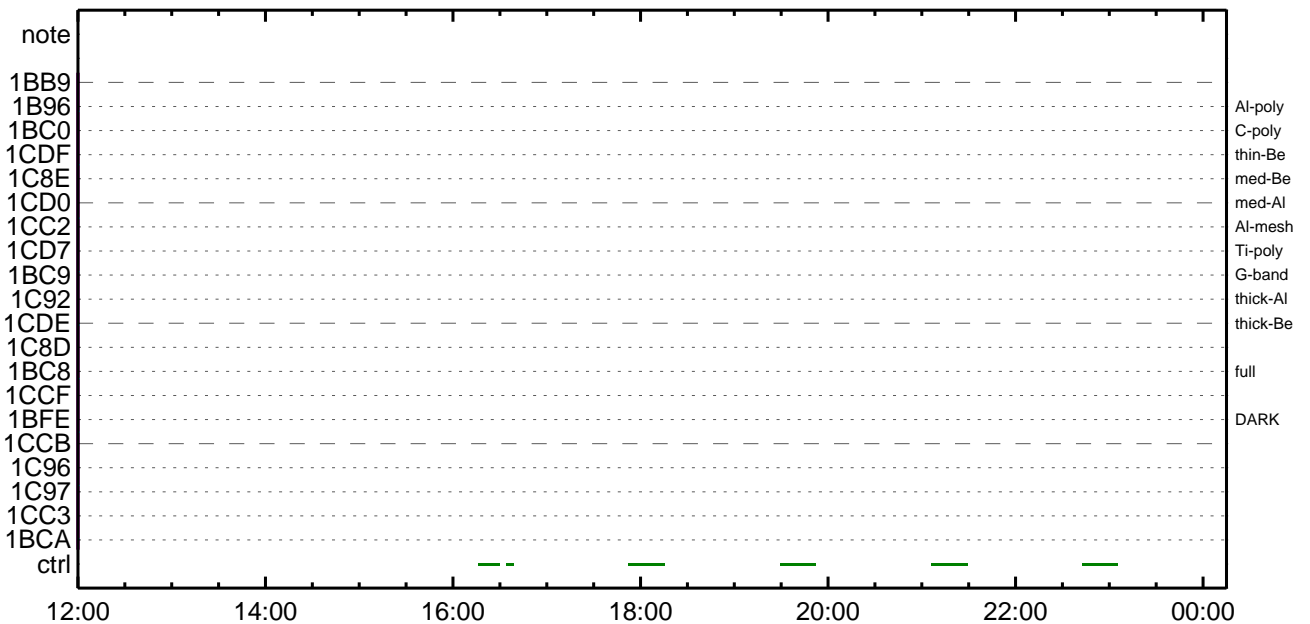
CMDI #0607 2022/09/23



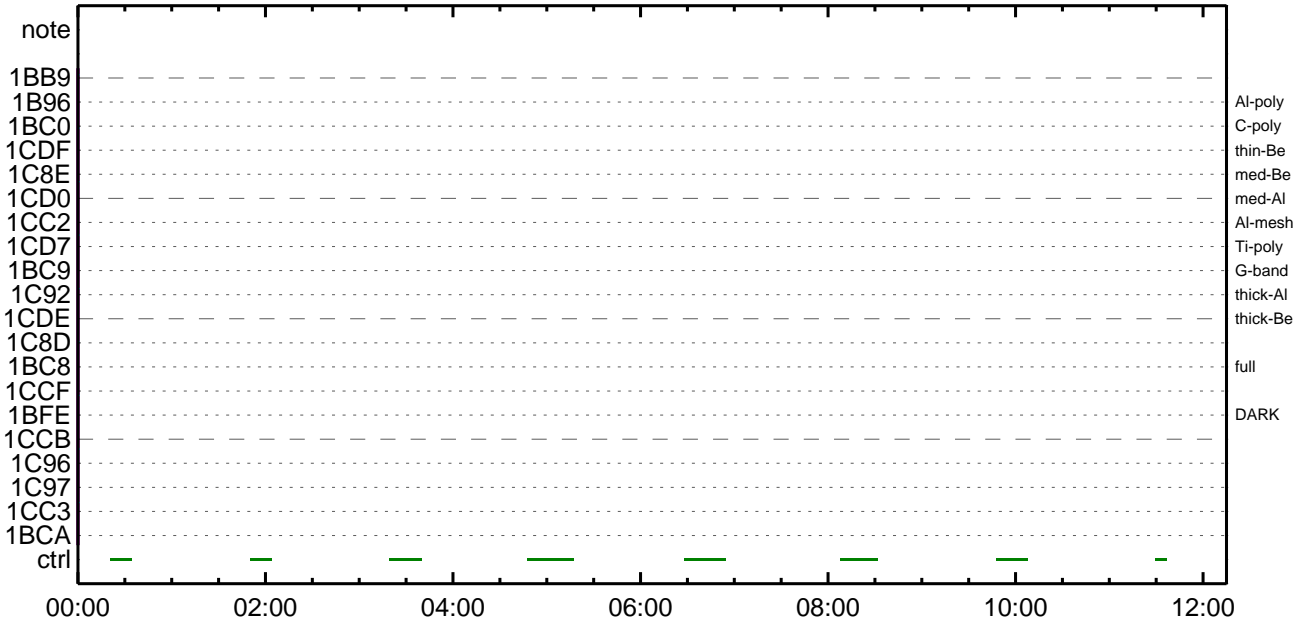
CMDI #0607 2022/09/24



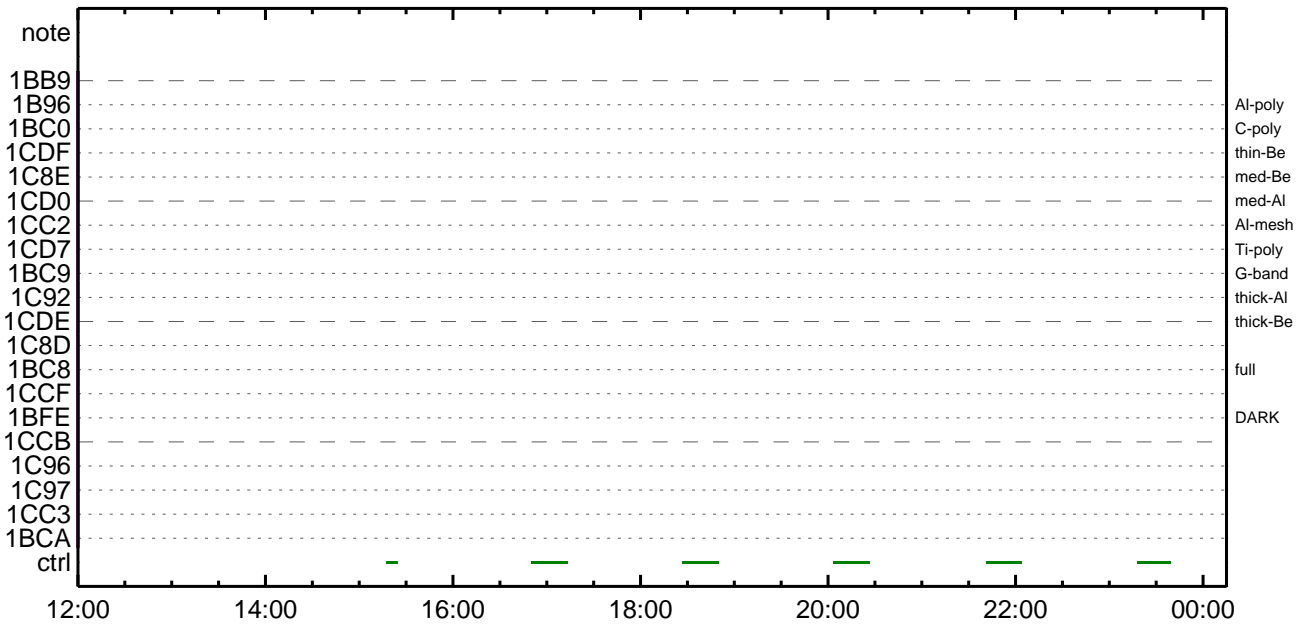
CMDI #0607 2022/09/24



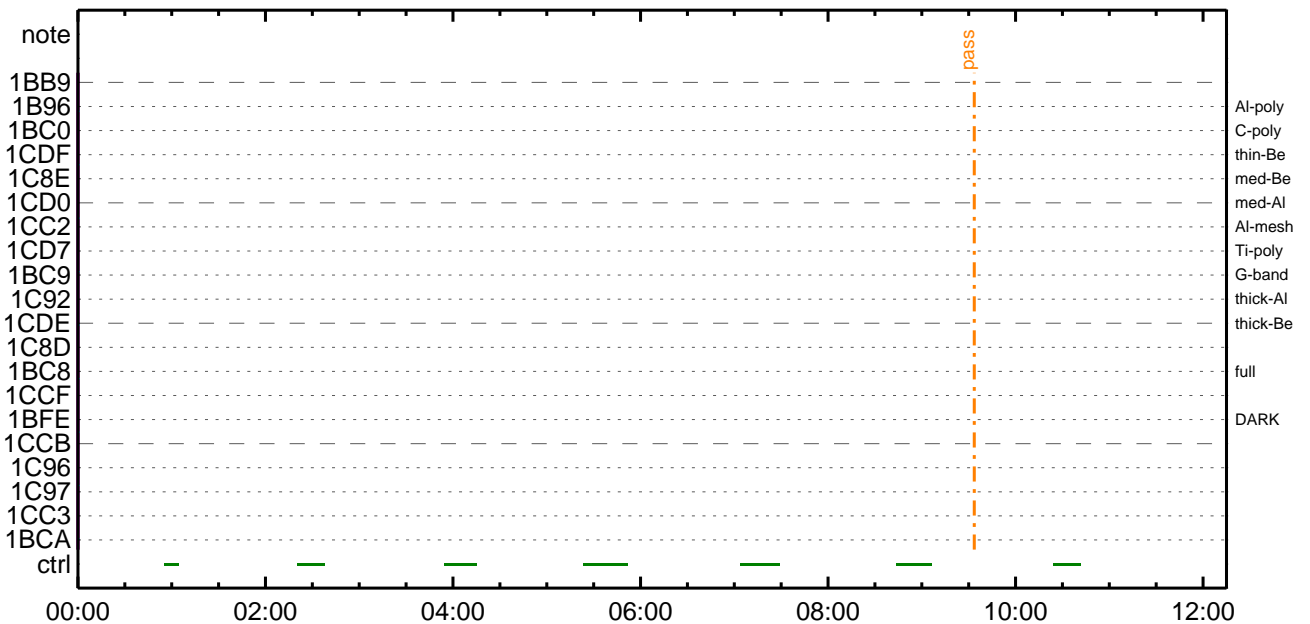
CMDI #0607 2022/09/25



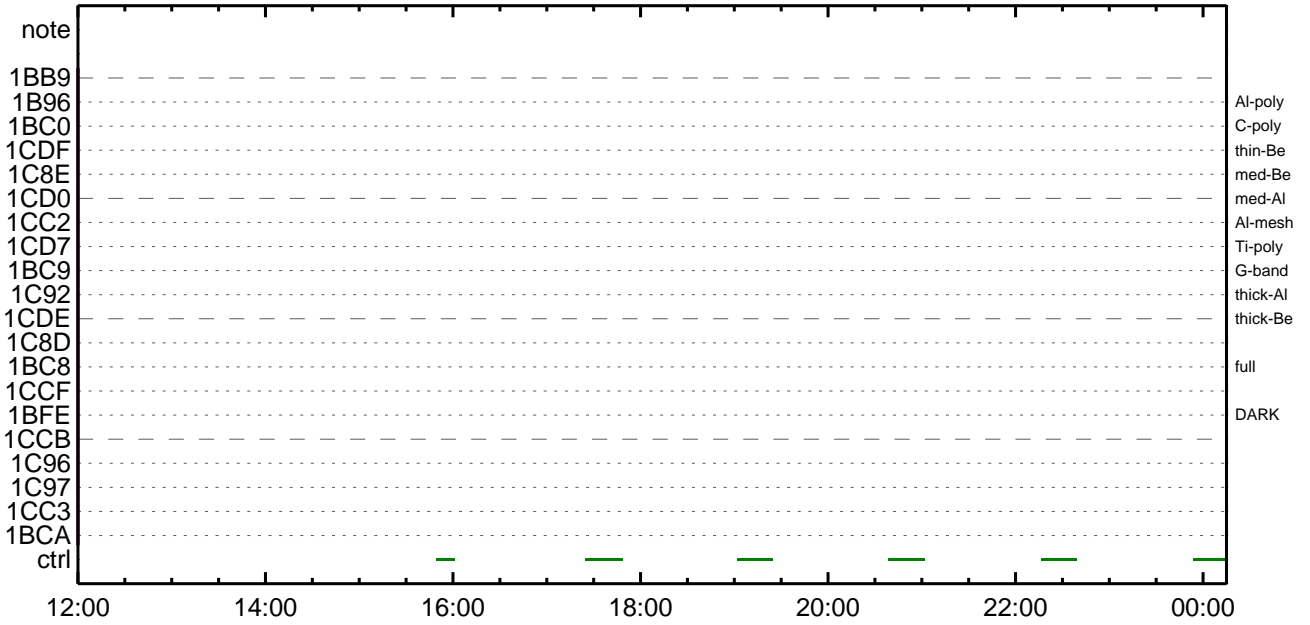
CMDI #0607 2022/09/25



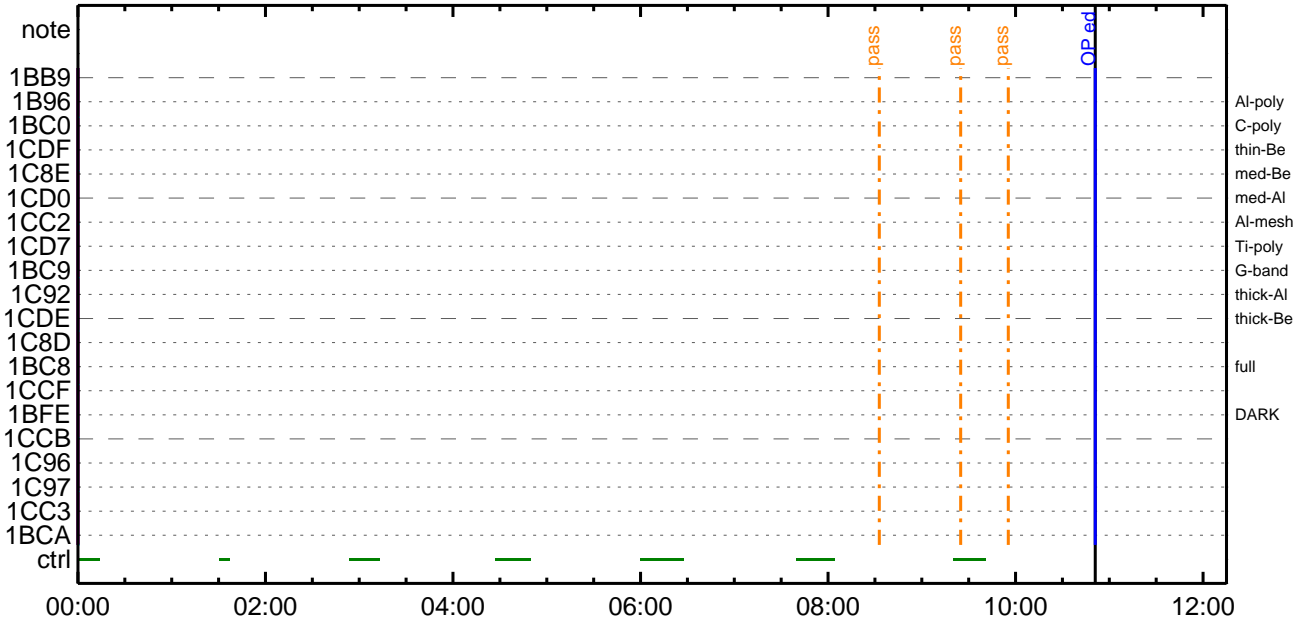
CMDI #0607 2022/09/26



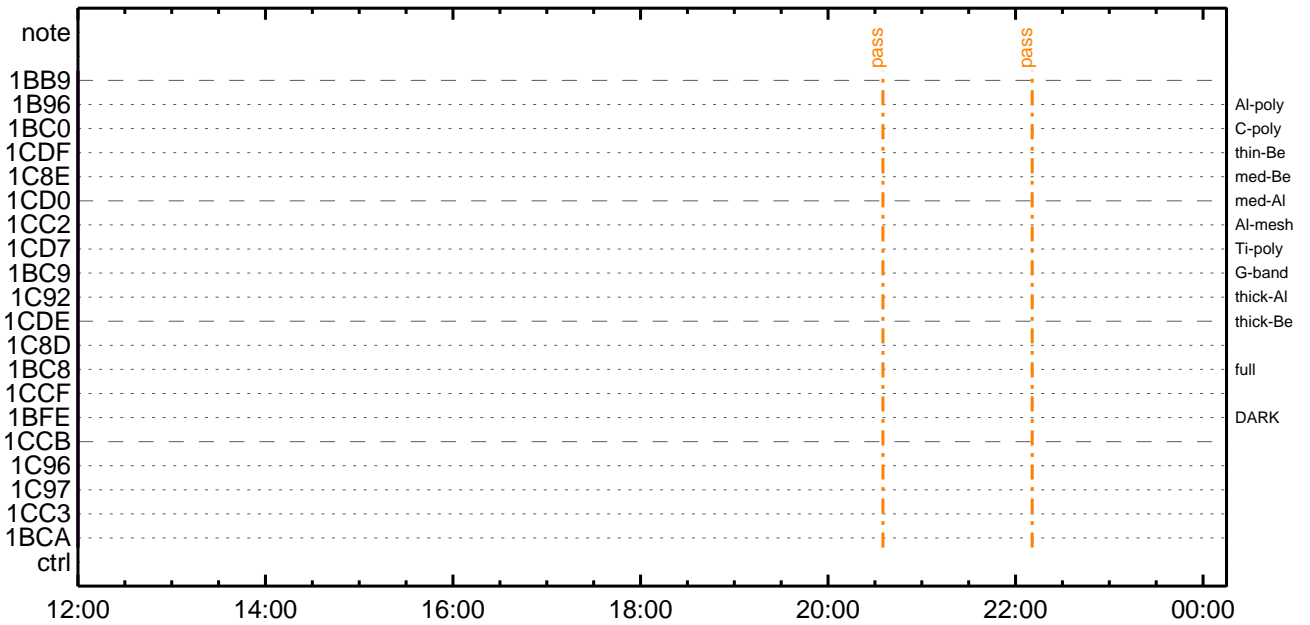
CMDI #0607 2022/09/26



CMDI #0607 2022/09/27



CMDI #0607 2022/09/27




```

0096 C.                0302; SET EDUMP I±°iYÑY¹aÇ¹Öa|a³aE;E
0097 C.
0098 . C. TIY³YF¥ÖYÉaòdÁDİ¿(UT)
0099 +. TI 2022-09-22 11:06:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.                çç[HK1_TI_CMD_NUM]                EQ        1COUNTUP
0102 C.
0103 +. TI 2022-09-22 11:06:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.                çç[HK1_TI_CMD_NUM]                EQ        1COUNTUP
0106 C.
0107 +. TI 2022-09-22 11:06:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.                çç[HK1_TI_CMD_NUM]                EQ        1COUNTUP
0110 C.
0111 +. TI 2022-09-22 11:10:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.                çç[HK1_TI_CMD_NUM]                EQ        1COUNTUP
0114 C.
0115 C. °E²¼aİÄè%îÍÑaİYÁY§YÁY-¹àİÜ
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. TIİİ°èYÀYÖY×
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. YÀYÖY×½ªİ»òð³İÇ§
0142 C.                çç[HK1_DMP_CHK_FLG]             EQ        NON
0143 C.
0144 . C. RAM ID=TI_TBLaİ%È¹Ç•è²İOKòð³İÇ§
0145 C.
0146 . C. DHUYâ;¼YÉ;È¼Y¼,¥i;¼YÈ;Èòðİá¹
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 2022-09-22 11:10:30.0
0161 DC 07-FC EIS_MODE_MANU
0162 BC (21 02)
0163 +. TI 2022-09-22 11:10:40.0
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 2022-09-22 11:10:00.0
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 ´úÃİaİ»ö¼YªEÄa¹aèDCBC•x²è *****
0181 C. (%á°İYÖYÁYÉY¥YÉYÁYÇYè²¼a¼ª»Ü¹aè)
0182 . S. DC-BC dcbc-402:DCBC
0183 (MDP_known_event)
0184 C.
0185 C.
0186 . C. ***** YD¥¹•İ Daily±¿İÑaÈ¹Ø¹aèDCBC•x²è *****
0187 . S. DC-BC dcbc-153:DCBC
0188 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0189 C.
0190 C.
0191 . C. ;ãLOS¥ÁY§YÁY-¼Ä»Ü;ã
0192 C.
0193 . C. ***** LOS *****

```



```

0096 +. DC 02-32 AOCU_MDRV_ON
0097 . C. [ ] <A_AOS> [COMPONENT STS] <MDRV> X = ON ?
0098 . C. [ ] <A_AOS> [COMPONENT STS] <MDRV> Y = ON ?
0099 . C. [ ] <A_AOS> [COMPONENT STS] <MDRV> Z = ON ?
0100 . C.
0101 . C.
0102 . C. ===== End of AOCs CMD Sequence =====
0103 . C.
0104 . C.
0105 . C. ***** MDP 'ûÃîñî»ò¼ÿñÊÂðñ¹ñèDCBC•x²è *****
0106 . C. (¼á°îÿÓÿÃÿÈÿËÿËÿáÿçÿèñÊ¼ññ¼Â»Ûñ¹ñè)
0107 . S. DC-BC dcbc-402:DCBC
0108 (MDP_known_event)
0109 . C.
0110 . C.
0111 . C. ***** ÿDÿ¹•Ï Daily±¿ÍññË´øñ¹ñèDCBC•x²è *****
0112 . S. DC-BC dcbc-153:DCBC
0113 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0114 . C.
0115 . C.
0116 . C. ¡ãLOSÿÁÿSÿÃÿ¹¼Â»Û¿ä
0117 . C.
0118 . C. ***** LOS *****
0119 . C.

```

(a) Spacecraft Operation Procedure (real-commands)

```
main-422 2022-09-22 17:22:34 98 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÄY-¼Á»Û;ä
0005 C.
0006 C. YÄYB;¼Y³YFÝÖYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èð¿ðÀð•µ°È»Í×ÁÇóÍYçYÄY×Yí;¼YÉj;ÈÈè%µ•íÍÉ;ÈðÈ¼°ÇÓð•¾¿¼i¹çðÍ;çÀ®, ùð¹ðèððçÁ+¿®ð•ðÈððð³ðÈ;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_MODE_STBY
0020 BC (c3)
0021 . C. ----- Success Verify ? OK / NG____
0022 C.
0023 C. XRT Obs. Table Upload
0024 . S. RAM ram-291:MDP_OBS_X
0025 ( )
0026 C.
0027 +. DC 07-F0 MDP_DUMP_XRTTBL
0028 BC (84 07 00 00 00 3a d4)
0029 . C. ----- Comparison Check ? OK / ERR ____
0030 C.
0031 C.
0032 +. DC 07-F0 MDP_XRT_ROI_SET
0033 BC (cd 01 b1 b1 04 04)
0034 + DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 02 b1 b1 08 08)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 03 b1 b1 08 08)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 04 b1 b1 06 06)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 05 85 83 06 06)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 06 85 83 06 06)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 07 80 80 20 20)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 08 80 80 20 08)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 09 80 80 08 20)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0a 80 80 08 08)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0f 80 80 06 06)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 10 80 80 08 08)
0056 + DC 07-F0 MDP_XRT_FLD_ENA
0057 BC (d8)
0058 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0059 BC (c8)
0060 + DC 07-F0 MDP_XRT_ARS_DIS
0061 BC (d5)
0062 + DC 07-F0 MDP_XRT_AEC_RESET
0063 BC (d0)
0064 + DC 07-F0 MDP_XRT_FLD_RESET
0065 BC (da)
0066 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0067 BC (c4 06)
0068 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0069 BC (c5 04)
0070 . C. ----- Success Verify ? OK / NG ____
0071 C.
0072 C.
0073 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0074 C.
0075 +. DC 07-F0 MDP_XRT_MODE_OBSV
0076 BC (c2)
0077 +. TI 2022-09-22 11:10:02.0
0078 DC 07-F0 MDP_XRT_MODE_OBSV
0079 BC (c2)
0080 . C. ----- Success Verify ? OK / NG ____
0081 C.
0082 C. ***** XRT END *****
0083 C.
0084 . C. ***** MDP `ûÁîðî»ò¼YðÉÄð¹ðèDCBC•x²è *****
0085 C. (%ã°iYÓYÄYÉYÞYÉYáYçYèðÈ¼°¼Á»Û¹ðé)
0086 . S. DC-BC dcbc-402:DCBC
0087 (MDP_known_event)
0088 C.
0089 C.
0090 . C. ***** YÐY¹•İ Daily±¿ÍÑðÈ´Øð¹ðèDCBC•x²è *****
0091 . S. DC-BC dcbc-153:DCBC
0092 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0093 C.
0094 C.
0095 . C. ;ãLOSÄYŞYÄY-¼Á»Û;ä
```

0096 C.
0097 . C. ***** LOS *****
0098 C.

*** OP Sequence for XRT ***

```

2022/09/22 11:21:00.0 AOCs_OrE-point_Start_1_OG [0x097]
                          AOCU_NM 5 02-76 00 b3 e8 01 db
2022/09/22 11:21:30.0 XRT_CTRL_MANU_400_OG [0x190]
                          MDP_XRT_CTRL_MANU 1 07-F0 c1
2022/09/22 11:21:32.0 XRT_CTRL_MANU_402_OG [0x192]
                          MDP_XRT_CTRL_MANU 1 07-F0 c1
2022/09/22 11:21:34.0 XRT_FLD_RESEt_415_OG [0x19f]
                          MDP_XRT_FLD_RESEt 1 07-F0 da
2022/09/22 11:21:36.0 XRT_PREFLR_STRT_436_OG [0x1b4]
                          MDP_XRT_PREFLR_STRT 1 07-F0 e8
2022/09/22 11:24:44.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                          MDP_XRT_PREFLR_STOP 1 07-F0 e9
2022/09/22 11:25:01.0 XRT_CTRL_MANU_402_OG [0x192]
                          MDP_XRT_CTRL_MANU 1 07-F0 c1
2022/09/22 11:25:03.0 XRT_CTRL_MANU_402_OG [0x192]
                          MDP_XRT_CTRL_MANU 1 07-F0 c1
2022/09/22 11:25:05.0 XRT_FOCUS_POSITION_410_OG [0x19a]
                          XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2022/09/22 11:25:25.0 XRT_FLD_ENA_411_OG [0x19b]
                          MDP_XRT_FLD_ENA 1 07-F0 d8
2022/09/22 11:25:27.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                          MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2022/09/22 11:25:29.0 XRT_AEC_RESEt_448_OG [0x1c0]
                          MDP_XRT_AEC_RESEt 1 07-F0 d0
2022/09/22 11:25:31.0 XRT_ARS_DIS_423_OG [0x1a7]
                          MDP_XRT_ARS_DIS 1 07-F0 d5
2022/09/22 11:25:33.0 XRT_FLD_RESEt_434_OG [0x1b2]
                          MDP_XRT_FLD_RESEt 1 07-F0 da
2022/09/22 11:28:03.0 XRT_QT_PROG_SET_439_OG [0x1b7]
                          MDP_XRT_QT_PROG_SET 2 07-F0 c4 11
2022/09/22 11:28:05.0 XRT_FL_PROG_SET_418_OG [0x1a2]
                          MDP_XRT_FL_PROG_SET 2 07-F0 c5 04
2022/09/22 11:30:30.0 XRT_Custom_430_OG [0x1ae]
2022/09/22 11:31:30.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                          MDP_XRT_CTRL_AUTO 1 07-F0 c0
2022/09/22 15:10:00.0 XRT_CTRL_MANU_400_OG [0x190]
                          MDP_XRT_CTRL_MANU 1 07-F0 c1
2022/09/22 15:10:02.0 XRT_CTRL_MANU_402_OG [0x192]
                          MDP_XRT_CTRL_MANU 1 07-F0 c1
2022/09/22 15:10:04.0 XRT_FLD_RESEt_415_OG [0x19f]
                          MDP_XRT_FLD_RESEt 1 07-F0 da
2022/09/22 15:10:06.0 XRT_PREFLR_STRT_436_OG [0x1b4]
                          MDP_XRT_PREFLR_STRT 1 07-F0 e8
2022/09/22 15:13:14.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                          MDP_XRT_PREFLR_STOP 1 07-F0 e9
2022/09/22 15:16:00.0 XRT_Custom_430_OG [0x1ae]
2022/09/22 15:17:00.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                          MDP_XRT_CTRL_AUTO 1 07-F0 c0
2022/09/22 16:42:30.0 XRT_CTRL_MANU_400_OG [0x190]
                          MDP_XRT_CTRL_MANU 1 07-F0 c1
2022/09/22 16:42:32.0 XRT_CTRL_MANU_402_OG [0x192]
                          MDP_XRT_CTRL_MANU 1 07-F0 c1
2022/09/22 16:42:34.0 XRT_FLD_RESEt_415_OG [0x19f]
                          MDP_XRT_FLD_RESEt 1 07-F0 da
2022/09/22 16:42:36.0 XRT_PREFLR_STRT_436_OG [0x1b4]
                          MDP_XRT_PREFLR_STRT 1 07-F0 e8
2022/09/22 16:45:44.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                          MDP_XRT_PREFLR_STOP 1 07-F0 e9
2022/09/22 17:06:00.0 XRT_Custom_430_OG [0x1ae]
2022/09/22 17:07:00.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                          MDP_XRT_CTRL_AUTO 1 07-F0 c0
2022/09/22 17:54:54.0 XRT_CTRL_MANU_402_OG [0x192]
                          MDP_XRT_CTRL_MANU 1 07-F0 c1
2022/09/22 17:54:56.0 XRT_FOCUS_POSITION_406_OG [0x196]
                          XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2022/09/22 17:55:00.0 AOCs_OrE-point_Start_2_OG [0x098]
                          AOCU_NM 5 02-76 00 00 00 00 00
2022/09/22 17:55:16.0 XRT_FLD_DIS_409_OG [0x199]
                          MDP_XRT_FLD_DIS 1 07-F0 d9
2022/09/22 17:55:18.0 XRT_FLRCTRL_DIS_413_OG [0x19d]
                          MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2022/09/22 17:55:20.0 XRT_ARS_DIS_404_OG [0x194]
                          MDP_XRT_ARS_DIS 1 07-F0 d5
2022/09/22 17:57:58.0 XRT_QT_PROG_SET_417_OG [0x1a1]
                          MDP_XRT_QT_PROG_SET 2 07-F0 c4 05
2022/09/22 17:58:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                          MDP_XRT_CTRL_AUTO 1 07-F0 c0
2022/09/22 18:04:54.0 XRT_CTRL_MANU_402_OG [0x192]
                          MDP_XRT_CTRL_MANU 1 07-F0 c1
2022/09/22 18:04:56.0 XRT_CTRL_MANU_402_OG [0x192]
                          MDP_XRT_CTRL_MANU 1 07-F0 c1
2022/09/22 18:04:58.0 XRT_FOCUS_POSITION_410_OG [0x19a]
                          XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2022/09/22 18:05:00.0 AOCs_OrE-point_Start_3_OG [0x099]
                          AOCU_NM 5 02-76 04 03 e7 01 db
2022/09/22 18:05:18.0 XRT_FLD_ENA_411_OG [0x19b]
                          MDP_XRT_FLD_ENA 1 07-F0 d8
2022/09/22 18:05:20.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                          MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2022/09/22 18:05:22.0 XRT_AEC_RESEt_448_OG [0x1c0]
                          MDP_XRT_AEC_RESEt 1 07-F0 d0

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Sep 22, 22 17:22

XRT_OGLIST_0607.chk

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2022/09/22	18:05:24.0	XRT_ARS_DIS_423_OG [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2022/09/22	18:05:26.0	XRT_FLD_RESET_434_OG [0x1b2]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2022/09/22	18:07:56.0	XRT_QT_PROG_SET_407_OG [0x197]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 14
2022/09/22	18:07:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 04
2022/09/22	18:08:00.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2022/09/22	18:19:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2022/09/22	18:19:02.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2022/09/22	18:19:04.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2022/09/22	18:19:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2022/09/22	18:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2022/09/22	18:42:30.0	XRT_Custom_430_OG [0x1ae]		
2022/09/22	18:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2022/09/22	19:56:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2022/09/22	19:56:02.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2022/09/22	19:56:04.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2022/09/22	19:56:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2022/09/22	19:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2022/09/22	20:19:30.0	XRT_Custom_430_OG [0x1ae]		
2022/09/22	20:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2022/09/22	21:33:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2022/09/22	21:33:02.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2022/09/22	21:33:04.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2022/09/22	21:33:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2022/09/22	21:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2022/09/22	21:56:30.0	XRT_Custom_430_OG [0x1ae]		
2022/09/22	21:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2022/09/22	23:10:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2022/09/22	23:10:32.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2022/09/22	23:10:34.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2022/09/22	23:10:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2022/09/22	23:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2022/09/22	23:32:00.0	XRT_Custom_430_OG [0x1ae]		
2022/09/22	23:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2022/09/23	00:48:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2022/09/23	00:48:02.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2022/09/23	00:48:04.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2022/09/23	00:48:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2022/09/23	00:51:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2022/09/23	00:57:30.0	XRT_Custom_430_OG [0x1ae]		
2022/09/23	00:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2022/09/23	02:13:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2022/09/23	02:13:32.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2022/09/23	02:13:34.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2022/09/23	02:13:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2022/09/23	02:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2022/09/23	02:30:30.0	XRT_Custom_430_OG [0x1ae]		
2022/09/23	02:31:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2022/09/23	03:46:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2022/09/23	03:46:32.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2022/09/23	03:46:34.0	XRT_FLD_RESET_415_OG [0x19f]		

2022/09/23	03:46:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/09/23	03:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/09/23	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/09/23	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/09/23	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/09/23	04:00:00.0	AOCs_OrE-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2022/09/23	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 00 00 00 00	
2022/09/23	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2022/09/23	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2022/09/23	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2022/09/23	04:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2022/09/23	04:02:56.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/09/23	04:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07	
2022/09/23	04:07:00.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2022/09/23	04:08:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2022/09/23	05:15:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/09/23	05:15:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/09/23	05:15:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/09/23	05:15:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/09/23	05:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/09/23	05:44:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/09/23	05:45:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2022/09/23	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/09/23	05:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/09/23	06:00:16.0	XRT_FLD_DIS_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2022/09/23	06:00:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2022/09/23	06:00:20.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2022/09/23	06:02:58.0	XRT_QT_PROG_SET_437_OG [0x1b5]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2022/09/23	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12	
2022/09/23	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/09/23	06:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/09/23	06:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/09/23	06:10:00.0	AOCs_OrE-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2022/09/23	06:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	04 03 e7 01 db	
2022/09/23	06:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2022/09/23	06:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2022/09/23	06:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2022/09/23	06:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2022/09/23	06:12:56.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/09/23	06:12:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14	
2022/09/23	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2022/09/23	06:56:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/09/23	06:56:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/09/23	06:56:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/09/23	06:56:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/09/23	06:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/09/23	07:22:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/09/23	07:23:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				

2022/09/23	08:36:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/09/23	08:36:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/09/23	08:36:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2022/09/23	08:36:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2022/09/23	08:39:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2022/09/23	08:59:00.0	XRT_Custom_430_OG [0x1ae]						
2022/09/23	09:00:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/09/23	10:16:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/09/23	10:16:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/09/23	10:16:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2022/09/23	10:16:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2022/09/23	10:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2022/09/23	10:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/09/23	10:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/09/23	10:29:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2022/09/23	10:30:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00 20 72 b3 8e		
2022/09/23	10:30:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2022/09/23	10:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2022/09/23	10:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2022/09/23	10:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2022/09/23	10:30:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2022/09/23	10:32:56.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13		
2022/09/23	10:32:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2022/09/23	10:34:30.0	XRT_Custom_430_OG [0x1ae]						
2022/09/23	10:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/09/23	15:42:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/09/23	15:42:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/09/23	15:42:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2022/09/23	15:42:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2022/09/23	15:45:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2022/09/23	15:53:30.0	XRT_Custom_430_OG [0x1ae]						
2022/09/23	15:54:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/09/23	17:17:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/09/23	17:17:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/09/23	17:17:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2022/09/23	17:17:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2022/09/23	17:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2022/09/23	17:40:30.0	XRT_Custom_430_OG [0x1ae]						
2022/09/23	17:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/09/23	17:56:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/09/23	17:56:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2022/09/23	17:57:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00		
2022/09/23	17:57:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2022/09/23	17:57:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2022/09/23	17:57:20.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2022/09/23	17:59:58.0	XRT_QT_PROG_SET_437_OG [0x1b5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12		
2022/09/23	18:00:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/09/23	18:06:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		

2022/09/23	18:06:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/09/23	18:06:58.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2022/09/23	18:07:00.0	AOCS_ORe-point_Start_3_OG [0x099] AOCU_NM	5	02-76	04 03 e7 01 db	
2022/09/23	18:07:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8	
2022/09/23	18:07:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2022/09/23	18:07:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0	
2022/09/23	18:07:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5	
2022/09/23	18:07:26.0	XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET	1	07-F0	da	
2022/09/23	18:09:56.0	XRT_QT_PROG_SET_407_OG [0x197] MDP_XRT_QT_PROG_SET	2	07-F0	c4 14	
2022/09/23	18:09:58.0	XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2022/09/23	18:10:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/09/23	18:54:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/09/23	18:54:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/09/23	18:54:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da	
2022/09/23	18:54:06.0	XRT_PREFLR_STRT_436_OG [0x1b4] MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/09/23	18:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/09/23	19:17:30.0	XRT_Custom_430_OG [0x1ae]				
2022/09/23	19:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/09/23	20:31:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/09/23	20:31:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/09/23	20:31:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da	
2022/09/23	20:31:06.0	XRT_PREFLR_STRT_436_OG [0x1b4] MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/09/23	20:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/09/23	20:54:00.0	XRT_Custom_430_OG [0x1ae]				
2022/09/23	20:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/09/23	22:08:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/09/23	22:08:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/09/23	22:08:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da	
2022/09/23	22:08:06.0	XRT_PREFLR_STRT_436_OG [0x1b4] MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/09/23	22:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/09/23	22:31:00.0	XRT_Custom_430_OG [0x1ae]				
2022/09/23	22:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/09/23	23:45:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/09/23	23:45:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/09/23	23:45:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da	
2022/09/23	23:45:36.0	XRT_PREFLR_STRT_436_OG [0x1b4] MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/09/23	23:48:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/09/23	23:59:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/09/23	23:59:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/09/23	23:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2022/09/24	00:00:00.0	AOCS_ORe-point_Start_5_OG [0x09b] AOCU_NM	5	02-76	02 00 00 00 00	
2022/09/24	00:00:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8	
2022/09/24	00:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2022/09/24	00:00:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0	
2022/09/24	00:00:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5	
2022/09/24	00:00:26.0	XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET	1	07-F0	da	
2022/09/24	00:02:56.0	XRT_QT_PROG_SET_429_OG [0x1ad] MDP_XRT_QT_PROG_SET	2	07-F0	c4 07	
2022/09/24	00:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	

2022/09/24	00:06:00.0	XRT_Custom_430_OG [0x1ae]					
2022/09/24	00:07:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/09/24	01:22:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/09/24	01:22:32.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/09/24	01:22:34.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2022/09/24	01:22:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2022/09/24	01:25:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2022/09/24	01:30:00.0	XRT_Custom_430_OG [0x1ae]					
2022/09/24	01:31:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/09/24	02:46:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/09/24	02:46:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/09/24	02:46:04.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2022/09/24	02:46:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2022/09/24	02:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2022/09/24	03:05:00.0	XRT_Custom_430_OG [0x1ae]					
2022/09/24	03:06:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/09/24	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/09/24	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/09/24	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2022/09/24	04:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2022/09/24	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2022/09/24	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2022/09/24	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2022/09/24	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2022/09/24	04:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2022/09/24	04:02:56.0	XRT_QT_PROG_SET_429_OG [0x1ad]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07		
2022/09/24	04:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2022/09/24	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/09/24	04:21:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/09/24	04:21:32.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/09/24	04:21:34.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2022/09/24	04:21:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2022/09/24	04:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2022/09/24	04:42:00.5	XRT_Custom_430_OG [0x1ae]					
2022/09/24	04:43:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/09/24	05:52:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/09/24	05:52:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/09/24	05:52:04.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2022/09/24	05:52:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2022/09/24	05:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2022/09/24	06:19:30.0	XRT_Custom_430_OG [0x1ae]					
2022/09/24	06:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/09/24	06:38:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/09/24	06:38:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/09/24	06:38:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2022/09/24	06:39:00.0	AOCS_ORe-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	04 03 e7 01 db		
2022/09/24	06:39:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2022/09/24	06:39:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2022/09/24	06:39:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		

2022/09/24	06:39:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2022/09/24	06:39:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2022/09/24	06:41:56.0	XRT_QT_PROG_SET_407_OG [0x197]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14
2022/09/24	06:41:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2022/09/24	06:42:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/09/24	07:32:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/09/24	07:32:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/09/24	07:32:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2022/09/24	07:32:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/09/24	07:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/09/24	07:57:00.0	XRT_Custom_430_OG [0x1ae]			
2022/09/24	07:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/09/24	09:12:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/09/24	09:12:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/09/24	09:12:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2022/09/24	09:12:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/09/24	09:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/09/24	09:33:30.0	XRT_Custom_430_OG [0x1ae]			
2022/09/24	09:34:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/09/24	10:38:30.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/09/24	10:54:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00