

XRT Timeline to be uploaded on 2023/12/16

Period: 2023/12/16 11:22:00 - 2023/12/26 11:05:00

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Normal mode

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XOB #1C8C: AR Standard-A(Filter-Ratio with Al/poly and thin-Be) with PFB, 384x384 at 1064 1048, thin-Be, thick-Al AEC3, Al/Poly context, with G-band (1ms)

Term	Pointing (x, y)	Comment
12/16 11:35:00 - 12/16 17:32:54	Track (915.5, 45.3) @ 12/16 11:32:00	# OP start + 10min. AR 13514 flare watch.
PROG= 08 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
└─ Seqn= 42 3-time(s) 2.0sec		
└─ Al-poly/Open	thin-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 0 2.0sec
└─ thin-Be/Open	med-Be/Open close Safe Norm 5.66s Obs 1x1 512x512 (1064, 1048)	Q=95 3 0 2.0sec
└─ Open/thick-Al	Open/thick-Al close Safe Norm 16.0s Obs 1x1 384x384 (1064, 1048)	Q=95 3 0 2.0sec
└─ Seqn= 27 120-time(s) 30.0sec		
└─ thin-Be/Open	med-Be/Open close Safe Norm 1.00s Obs 1x1 384x384 (1064, 1048)	Q=95 3 0 2.0sec
└─ Al-poly/Open	thin-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 0 2.0sec
└─ thin-Be/Open	med-Be/Open close Safe Norm 1.00s Obs 1x1 384x384 (1064, 1048)	Q=95 3 1 2.0sec
└─ Al-poly/Open	thin-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 1 2.0sec
└─ thin-Be/Open	med-Be/Open close Safe Norm 1.00s Obs 1x1 384x384 (1064, 1048)	Q=95 3 2 2.0sec
└─ Al-poly/Open	thin-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 2 2.0sec
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center)	Comp. AEC Buffer Interval

XOB #1CF0: Synoptic 8 Filter w/ Al-mesh(5/128/723), Al-poly(12/181/1443), Thin-Be(33/512/4096), Thick-Be(65536), Med-Al(512/8192/32768), Med-Be(128/576)

Term	Pointing (x, y)	Comment
12/16 17:36:00 - 12/16 17:42:54	Fixed (0.0, 0.0)	synoptic, shifted -27.0 min
12/17 05:50:32 - 12/17 05:57:54	Fixed (0.0, 0.0)	synoptic, shifted -12.0 min + HOP 349
12/17 18:03:00 - 12/17 18:09:54	Fixed (0.0, 0.0)	synoptic
12/18 06:08:32 - 12/18 06:15:24	Fixed (0.0, 0.0)	synoptic, shifted 5.5 min + HOP 349
12/18 18:25:30 - 12/18 18:32:24	Fixed (0.0, 0.0)	synoptic, shifted 22.5 min
12/19 06:42:02 - 12/19 06:49:24	Fixed (0.0, 0.0)	synoptic, shifted 39.5 min + HOP 349

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= 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= 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= 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= 46 1-time(s) 2.0sec		
└─ Open/thick-Be	Open/thick-Be close Safe Norm 64.0s Obs 2x2 2048x2048 (1024, 1024)	Q=98 0 0 2.0sec
└─ Seqn= 17 1-time(s) 2.0sec		
└─ med-Al/Open	med-Al/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= 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 #1C28: AR Standard-B (Morphology with thin-Be only), 384FOV at 1064, 1048 with G-band (1ms/1ms leak) 15s cad - AEC3

Term	Pointing (x, y)	Comment
12/16 17:46:00 - 12/16 21:09:54	Track (929.3, 44.3) @ 12/16 17:43:00	# AR obs.

PROG= 04 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 1-time(s) 2.0sec													
Seqn= 63 240-time(s) 15.0sec													
	thin-Be/Open	med-Be/Open	close	Safe	Norm	125ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1CD7: 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
12/16 21:35:30 - 12/17 03:59:54	Fixed (935.0, 45.0)	# AR fixed pointing.
12/17 06:07:30 - 12/17 17:59:54	Fixed (935.0, 45.0)	# AR cont.
12/17 18:13:00 - 12/18 03:58:00	Fixed (935.0, 45.0)	# AR cont.
12/18 06:18:30 - 12/18 18:22:24	Fixed (935.0, 45.0)	# AR cont.

PROG= 02 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) 180.0sec													
	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 #1CC8: 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
12/17 04:03:00 - 12/17 05:50:00	Fixed (0.0, 0.0)	synoptic, shifted -12.0 min + HOP 349
12/18 04:20:00 - 12/18 06:08:00	Fixed (0.0, 0.0)	synoptic, shifted 5.5 min + HOP 349
12/19 04:03:00 - 12/19 06:41:30	Fixed (0.0, 0.0)	synoptic, shifted 39.5 min + HOP 349

PROG= 17 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 18-time(s) 240.0sec													
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 #1BD7: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 900s cad (G-band/Leak last)

Term	Pointing (x, y)	Comment
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12/18 18:35:30 - 12/19 03:50:30 Fixed (935.0, 45.0) # AR cont.
 12/19 06:52:30 - 12/19 10:24:00 Fixed (935.0, 45.0) # AR cont.

PROG= 16 Inf.-time(s)

Subr= 1		8-time(s)		900.0sec											
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	
Subr= 2		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	
	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 #1CB7: Flare - multifilter 4 sec cadence (Be/thin, Be/med), AEC 1, 384x384

Term	Pointing (x, y)	Comment
12/16 11:35:00 - 12/16 17:32:54	Track (915.5, 45.3) @ 12/16 11:32:00	# OP start + 10min. AR 13514 flare watch.
12/16 17:46:00 - 12/16 21:09:54	Track (929.3, 44.3) @ 12/16 17:43:00	# AR obs.
12/16 21:35:30 - 12/17 03:59:54	Fixed (935.0, 45.0)	# AR fixed pointing.
12/17 04:03:00 - 12/17 05:50:00	Fixed (0.0, 0.0)	synoptic, shifted -12.0 min + HOP 349
12/17 06:07:30 - 12/17 17:59:54	Fixed (935.0, 45.0)	# AR cont.
12/17 18:13:00 - 12/18 03:58:00	Fixed (935.0, 45.0)	# AR cont.
12/18 04:20:00 - 12/18 06:08:00	Fixed (0.0, 0.0)	synoptic, shifted 5.5 min + HOP 349
12/18 06:18:30 - 12/18 18:22:24	Fixed (935.0, 45.0)	# AR cont.
12/18 18:35:30 - 12/19 03:50:30	Fixed (935.0, 45.0)	# AR cont.
12/19 04:03:00 - 12/19 06:41:30	Fixed (0.0, 0.0)	synoptic, shifted 39.5 min + HOP 349
12/19 06:52:30 - 12/19 10:24:00	Fixed (935.0, 45.0)	# AR cont.

PROG= 15 30-time(s)

Subr= 1		30-time(s)		2.0sec											
Seqn= 13		1-time(s)		10.0sec											
	thin-Be/Open	med-Be/Open	close	Safe	Norm	8ms	Obs	1x1	384x384	(1024, 1024)	Q=95	1	0	2.0sec	
	med-Be/Open	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384	(1024, 1024)	Q=95	1	0	2.0sec	
Subr= 2		1-time(s)		2.0sec											
Seqn= 13		160-time(s)		20.0sec											
	thin-Be/Open	med-Be/Open	close	Safe	Norm	8ms	Obs	1x1	384x384	(1024, 1024)	Q=95	1	0	2.0sec	
	med-Be/Open	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384	(1024, 1024)	Q=95	1	0	2.0sec	
Seqn= 36		1-time(s)		2.0sec											
	Open/G-band	Open/G-band	open	Safe	Norm	44ms	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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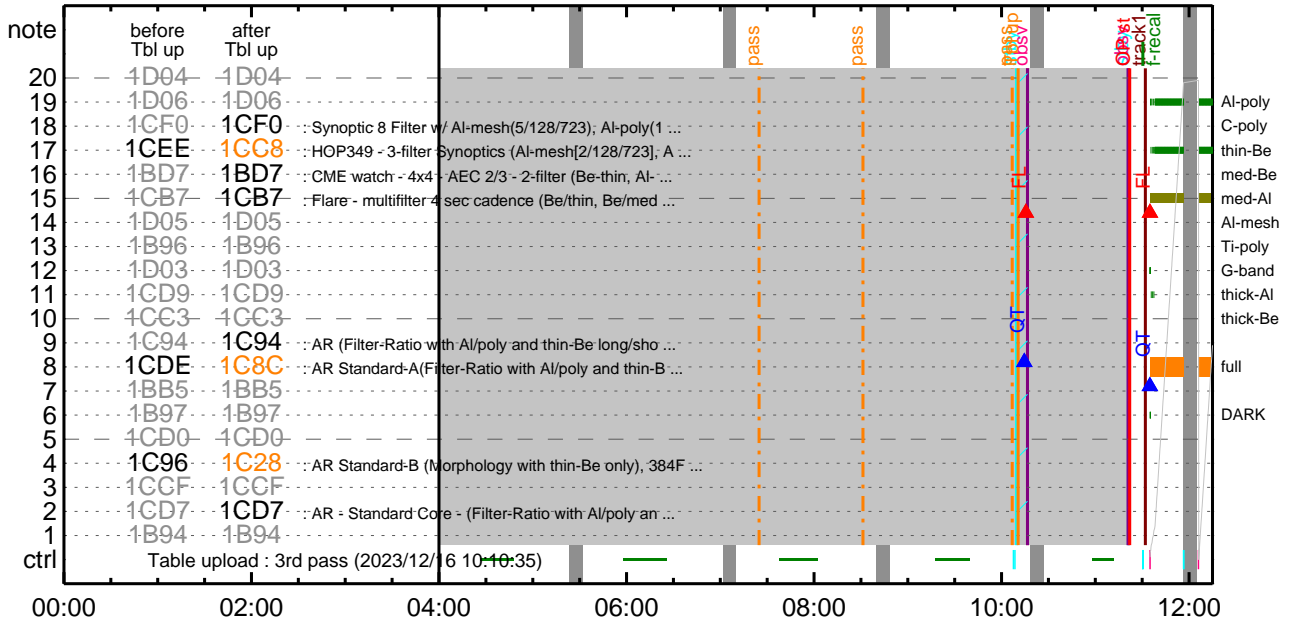
Flare Detection

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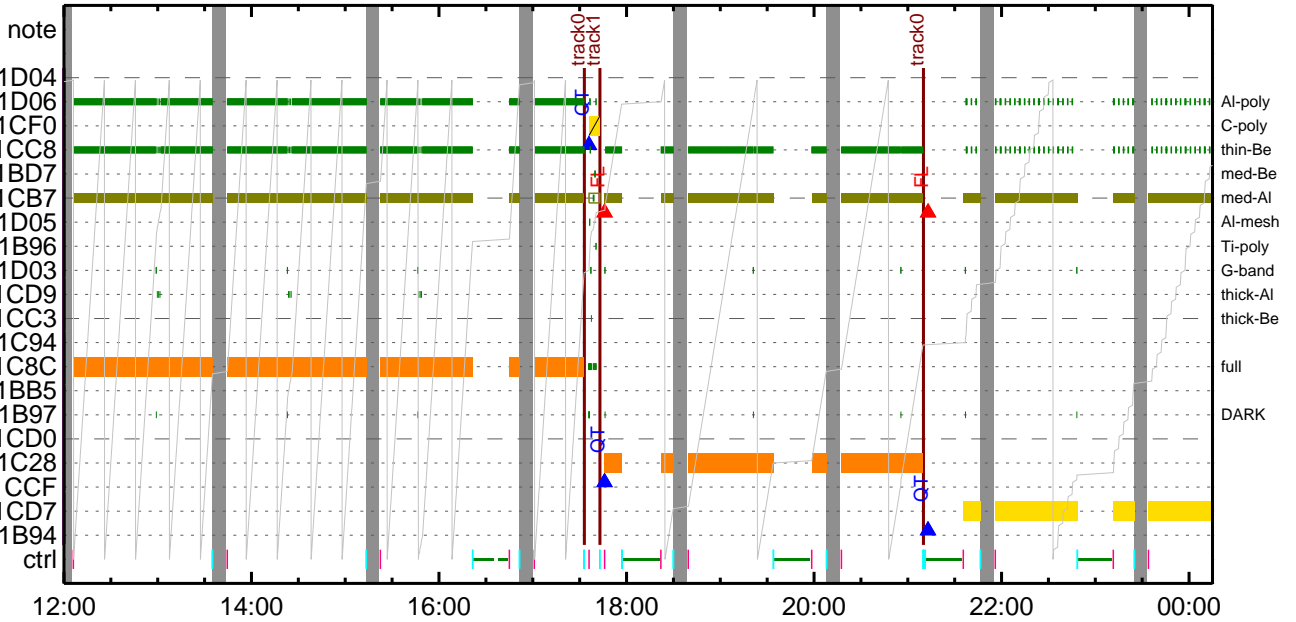
FLD Patrol

Term	Pointing (x, y)	Comment
12/16 10:11:35 - 12/16 17:33:18	cannot be identified	
12/16 17:43:18 - 12/17 05:50:24	Track (929.3, 44.3) @ 12/16 17:43:00	# AR obs.
12/17 05:58:18 - 12/17 18:00:18	Fixed (935.0, 45.0)	# AR cont.
12/17 18:10:18 - 12/18 06:08:24	Fixed (935.0, 45.0)	# AR cont.
12/18 06:15:48 - 12/18 18:22:48	Fixed (935.0, 45.0)	# AR cont.
12/18 18:32:48 - 12/19 06:41:54	Fixed (935.0, 45.0)	# AR cont.
12/19 06:49:48 - 12/26 11:05:00	Fixed (935.0, 45.0)	# 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

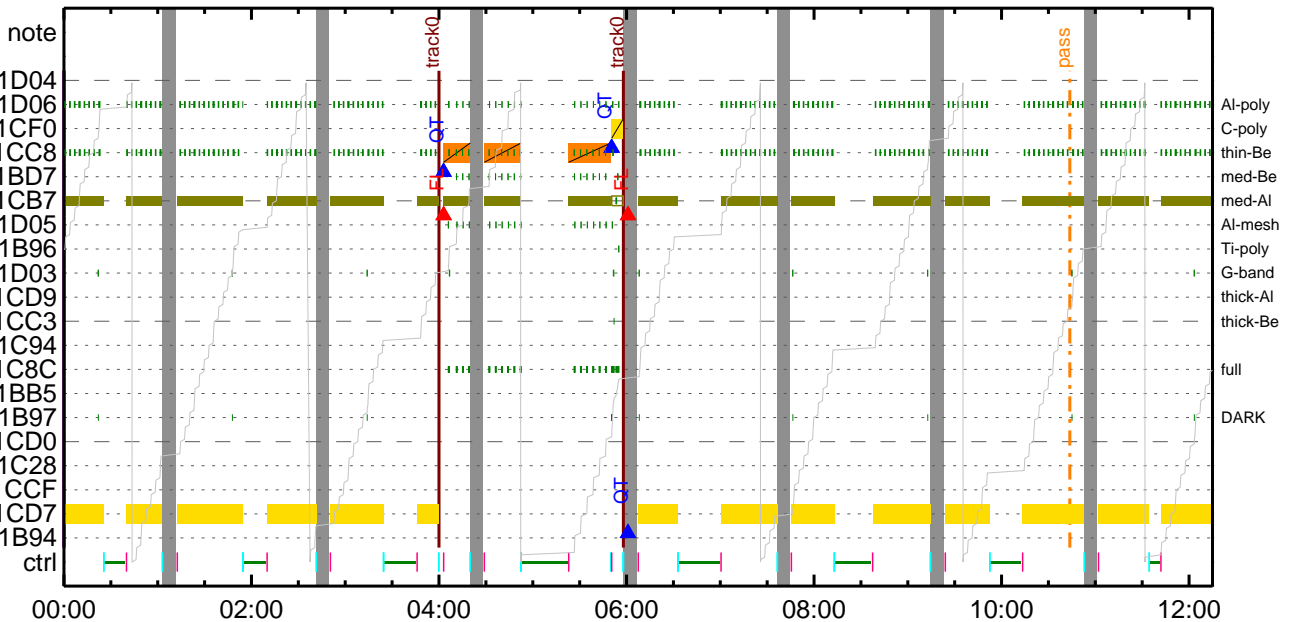
CMDI #0517 2023/12/16



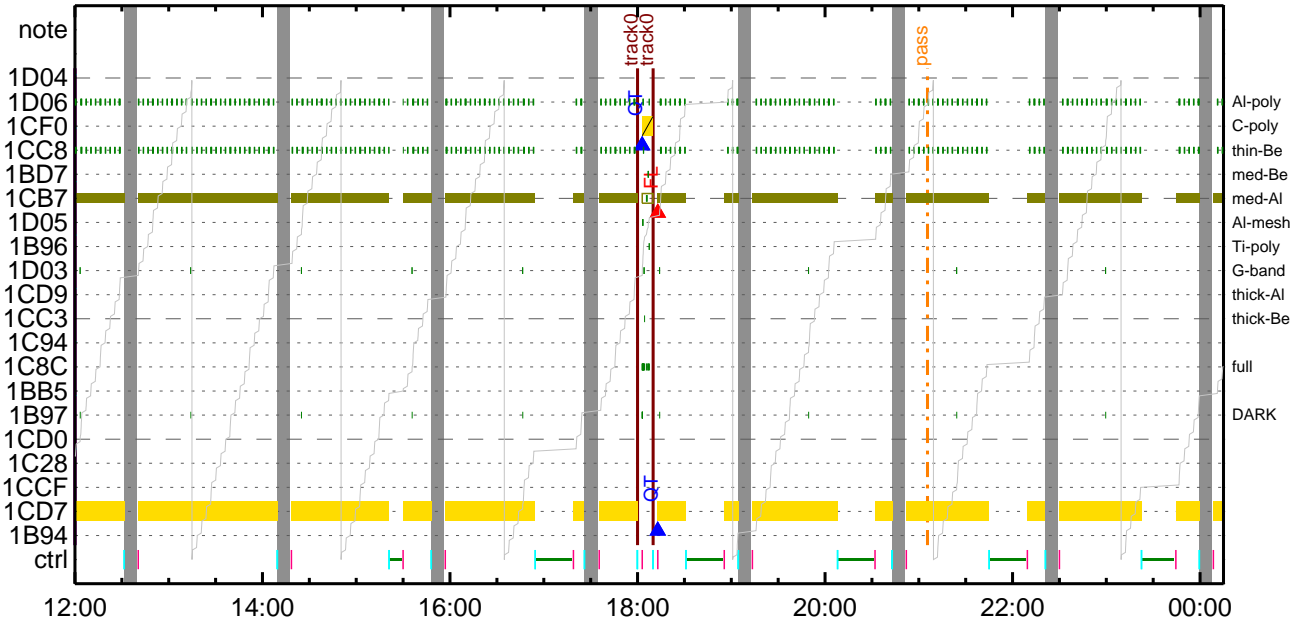
CMDI #0517 2023/12/16



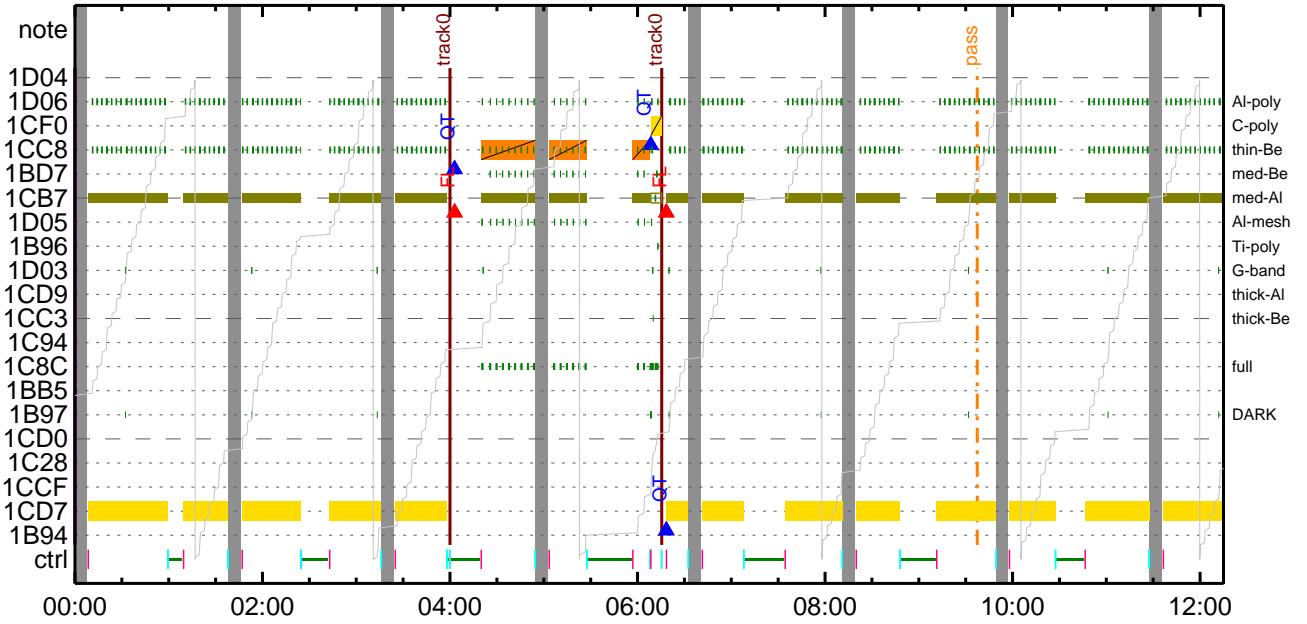
CMDI #0517 2023/12/17



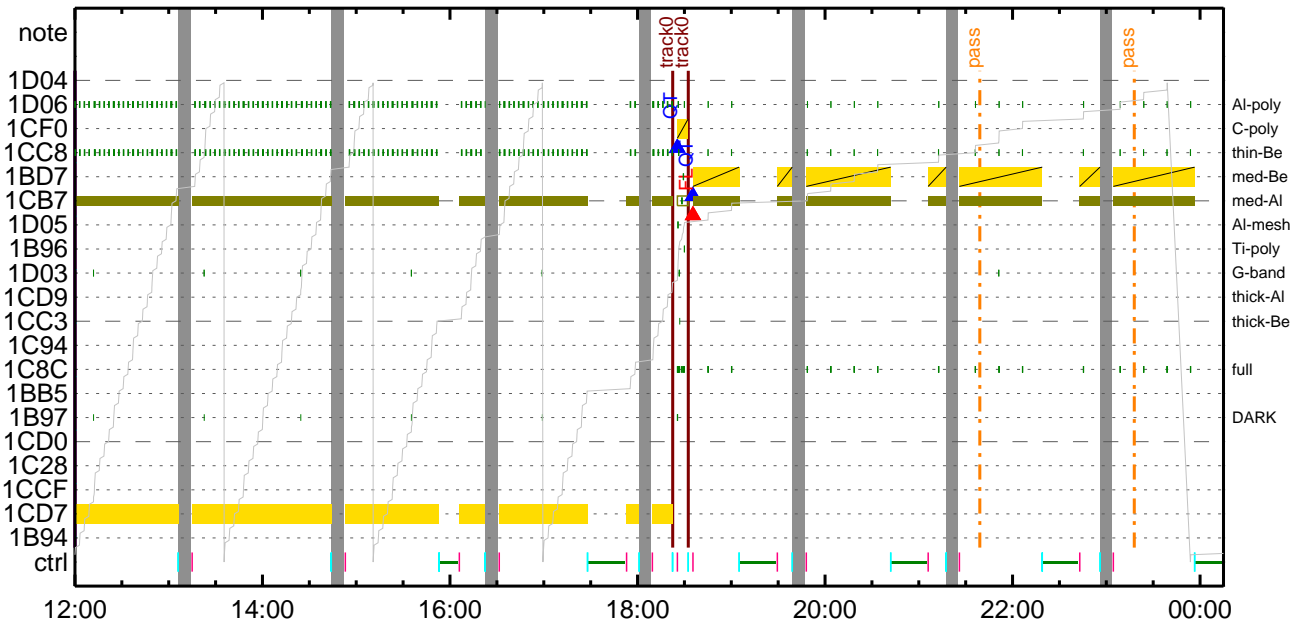
CMDI #0517 2023/12/17



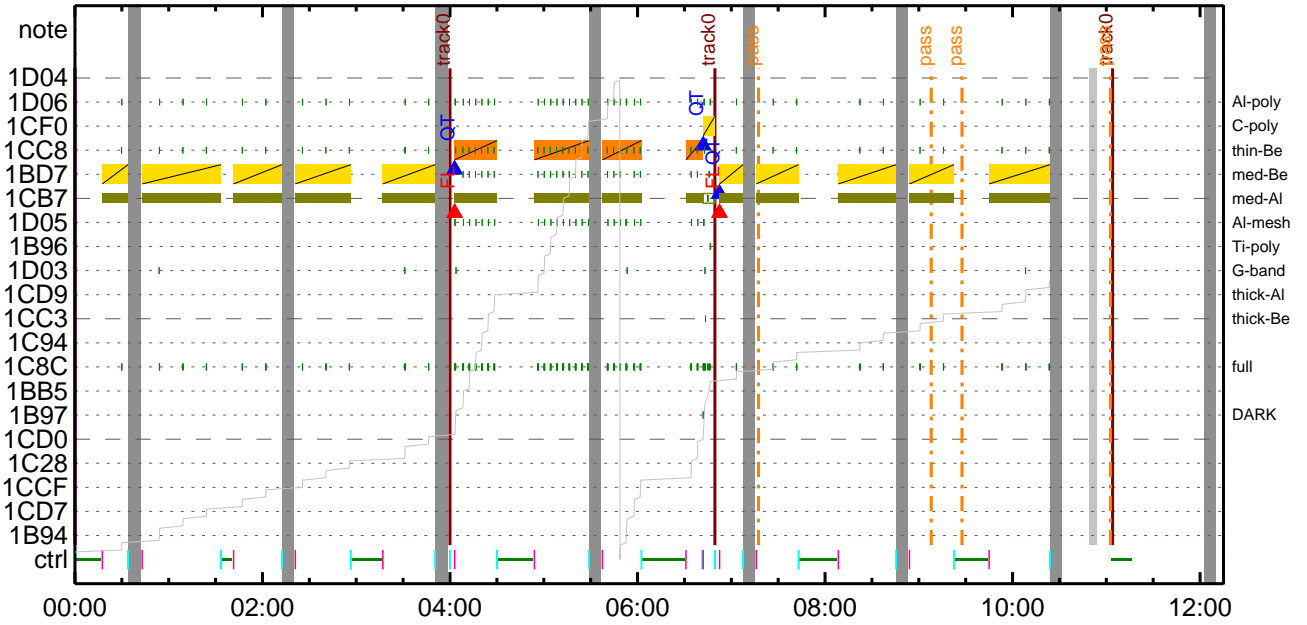
CMDI #0517 2023/12/18



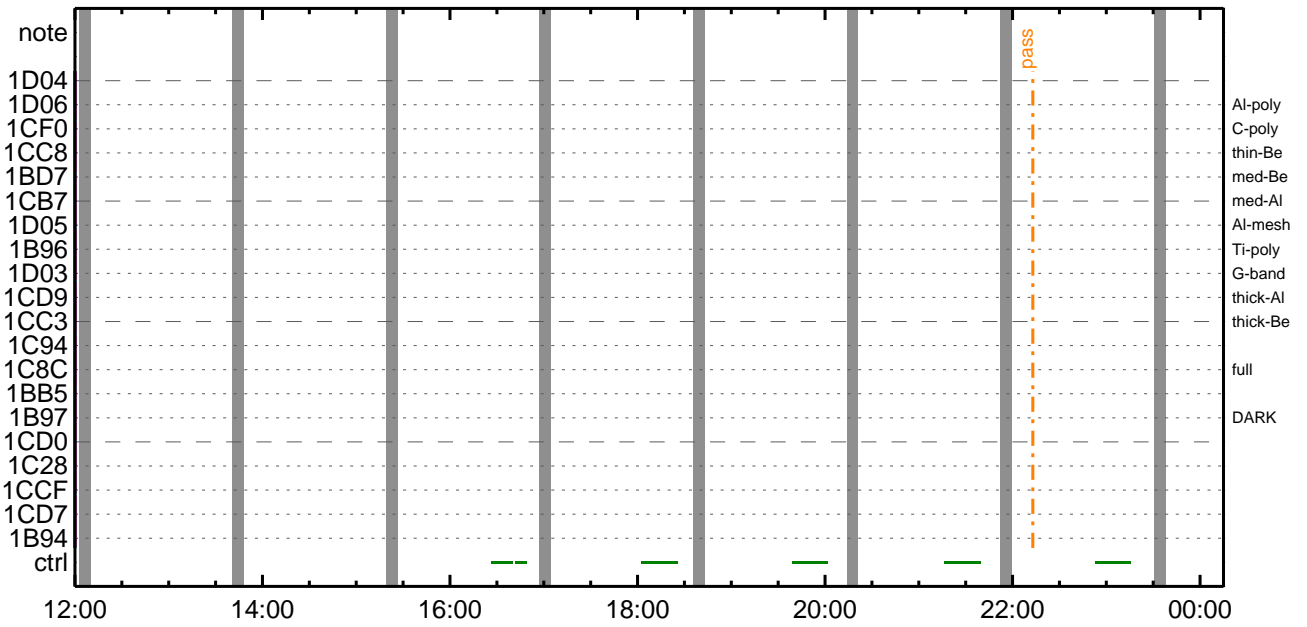
CMDI #0517 2023/12/18



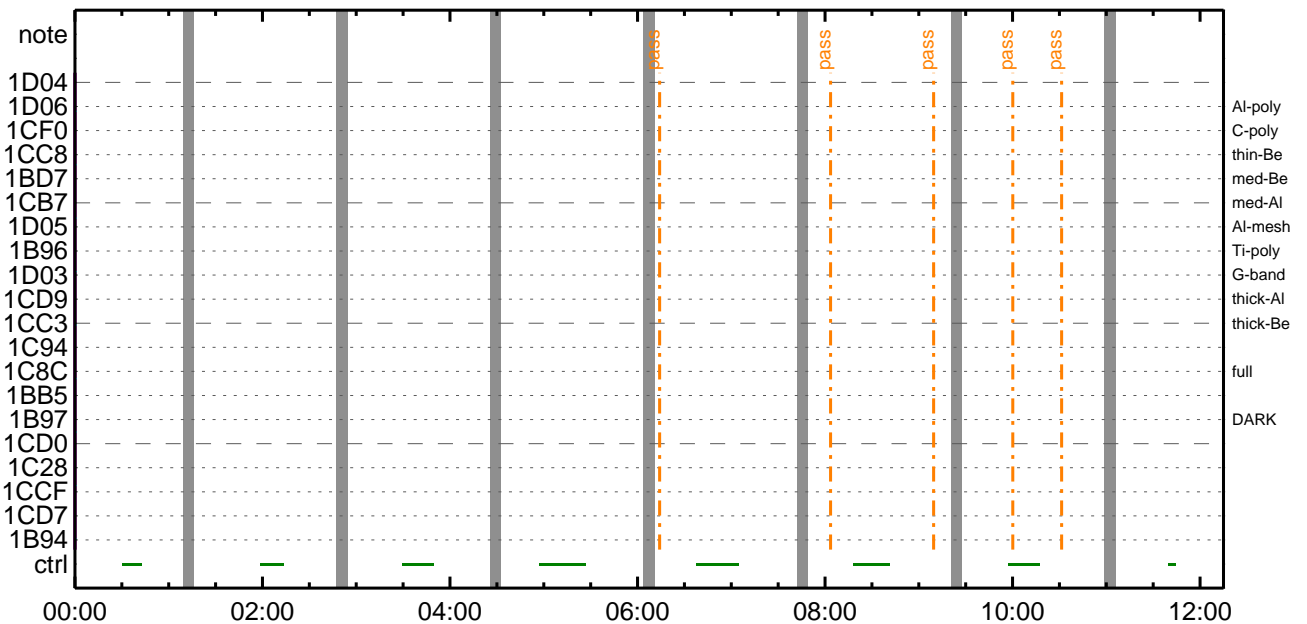
CMDI #0517 2023/12/19



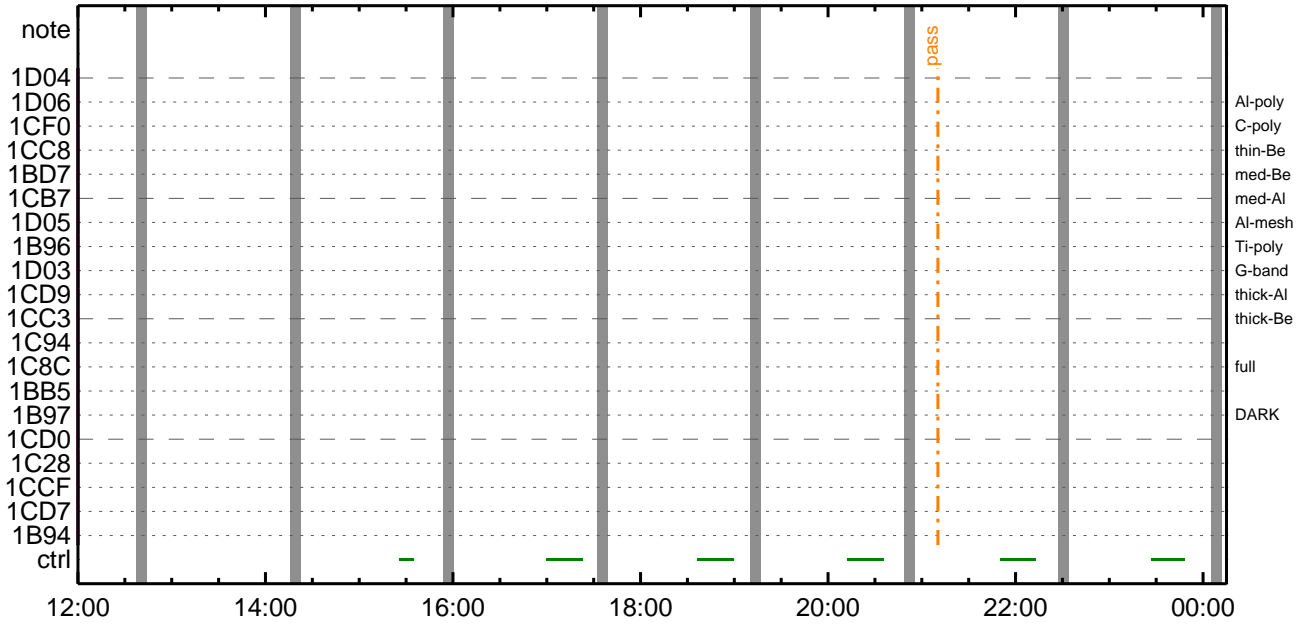
CMDI #0517 2023/12/19



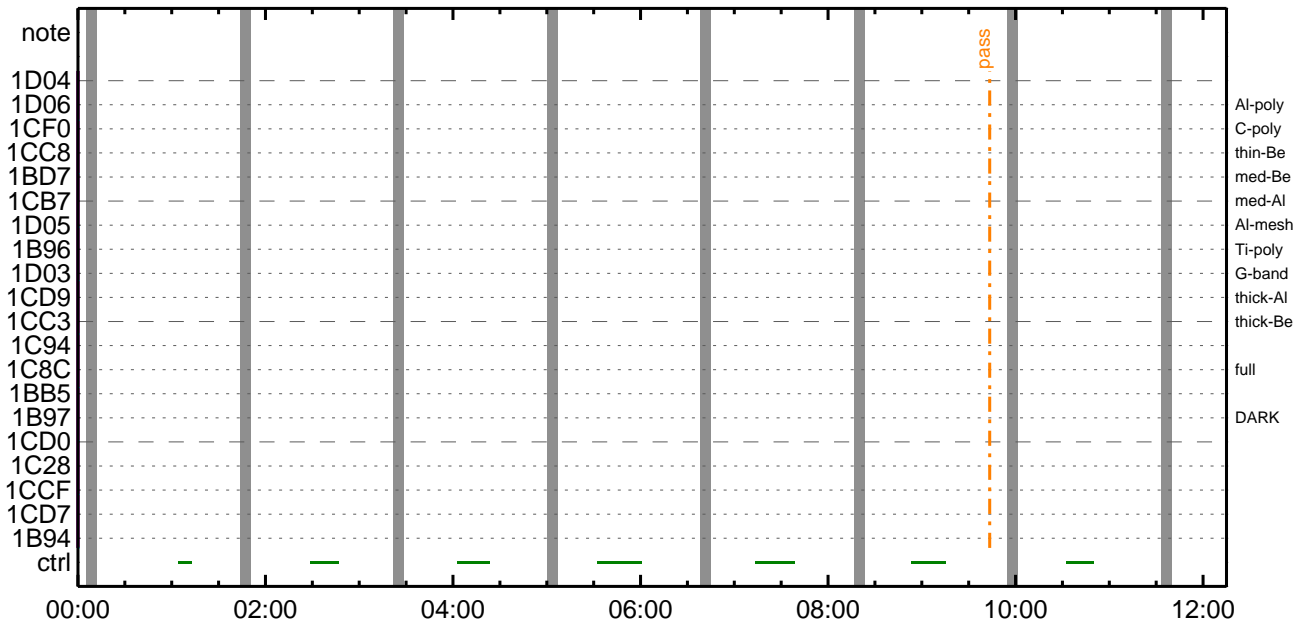
CMDI #0517 2023/12/20



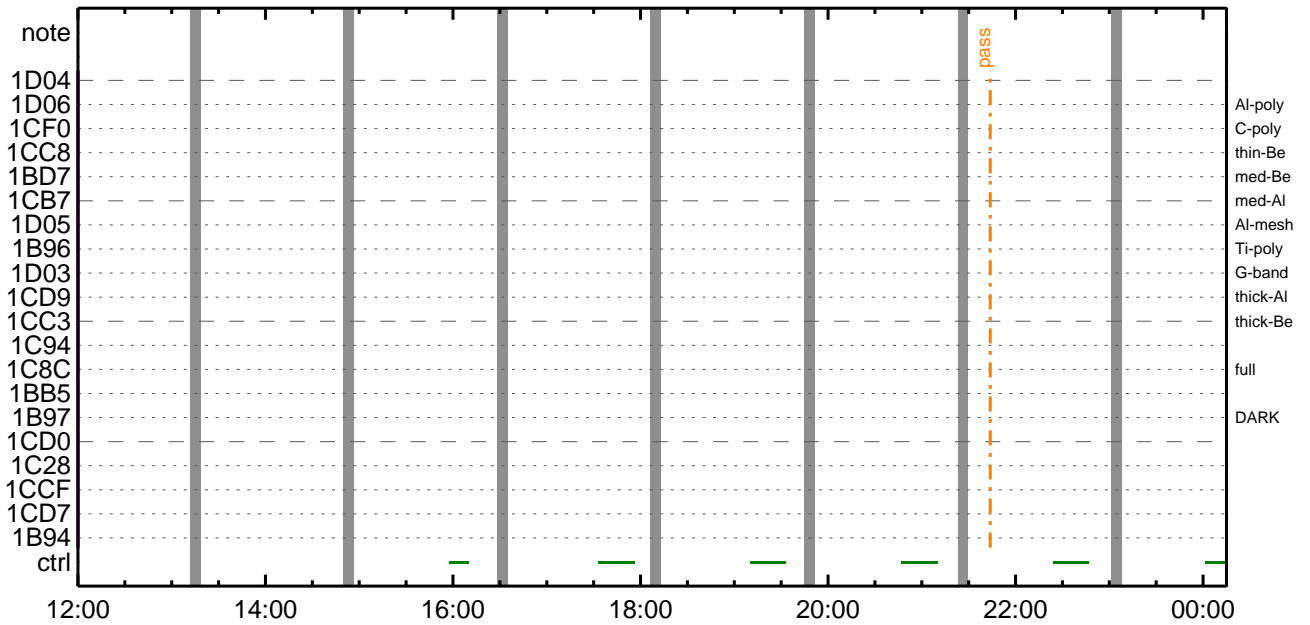
CMDI #0517 2023/12/20



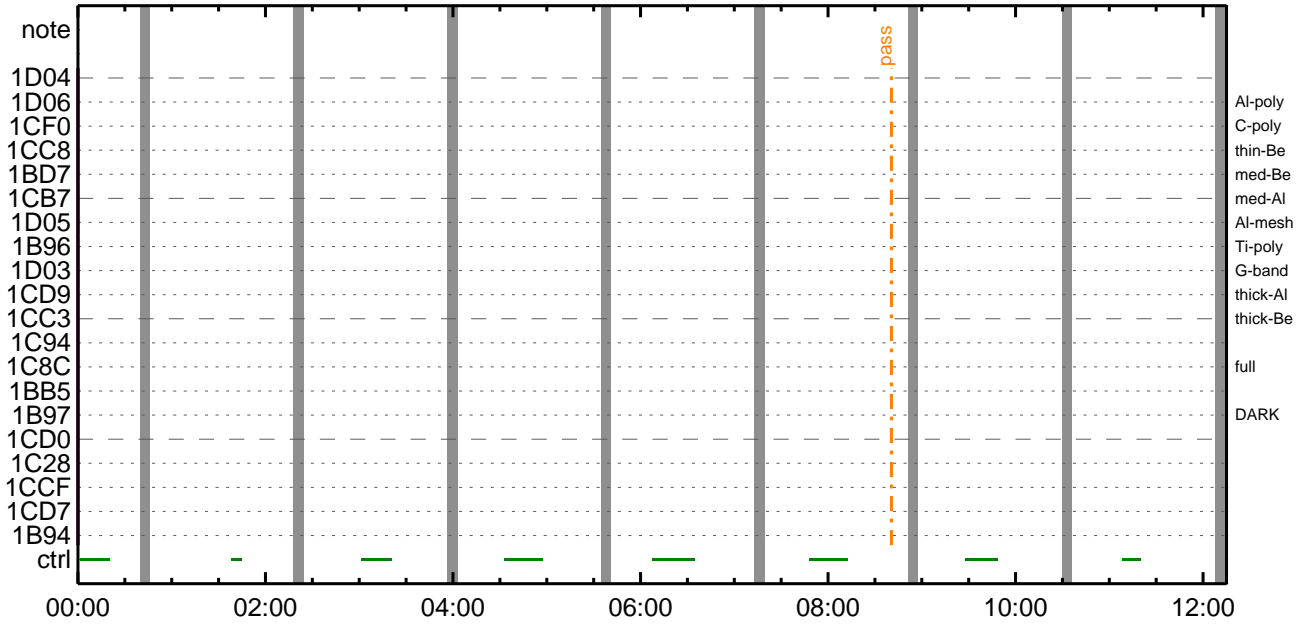
CMDI #0517 2023/12/21



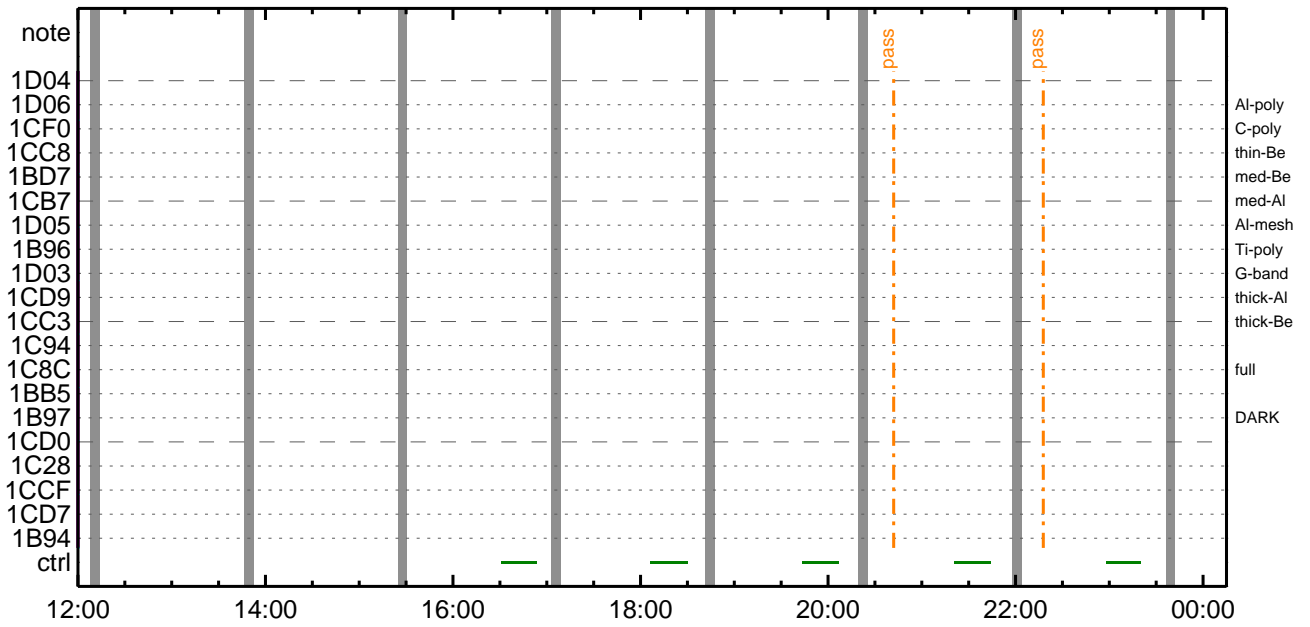
CMDI #0517 2023/12/21



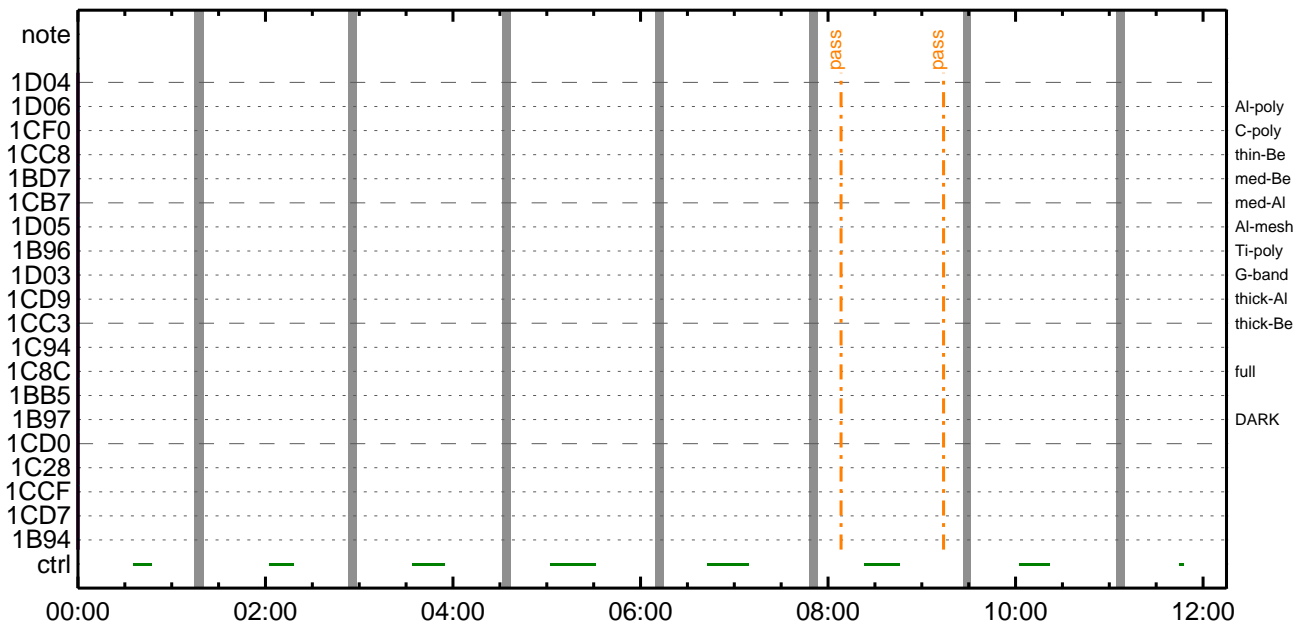
CMDI #0517 2023/12/22



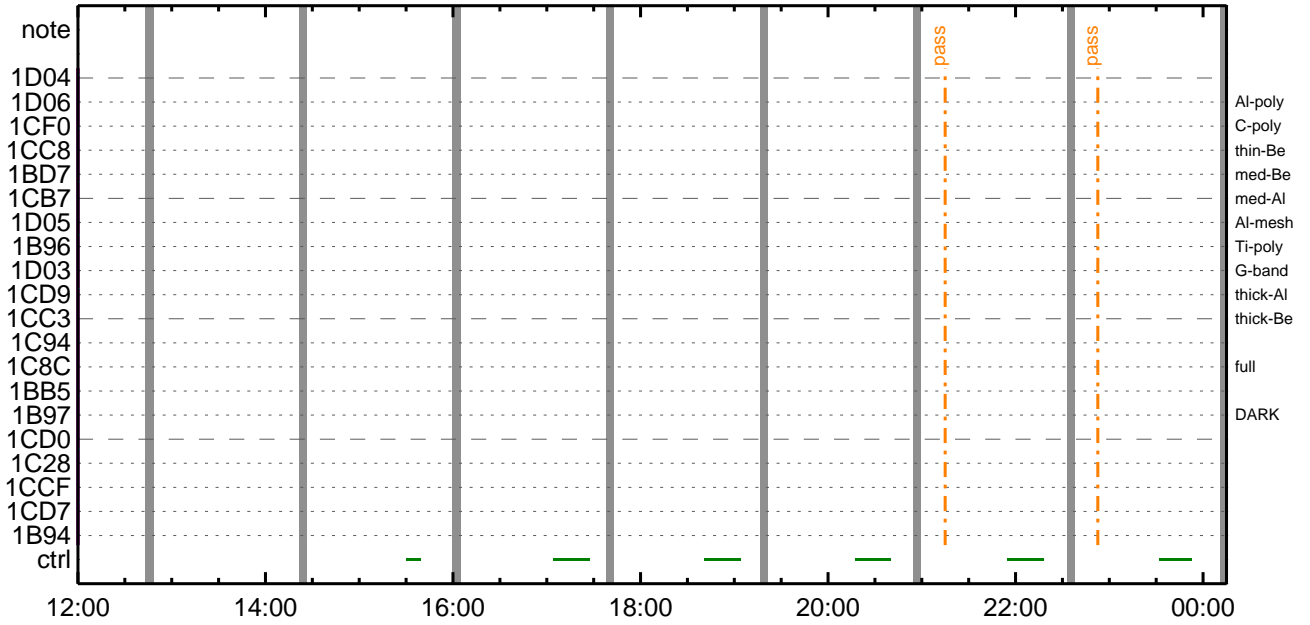
CMDI #0517 2023/12/22



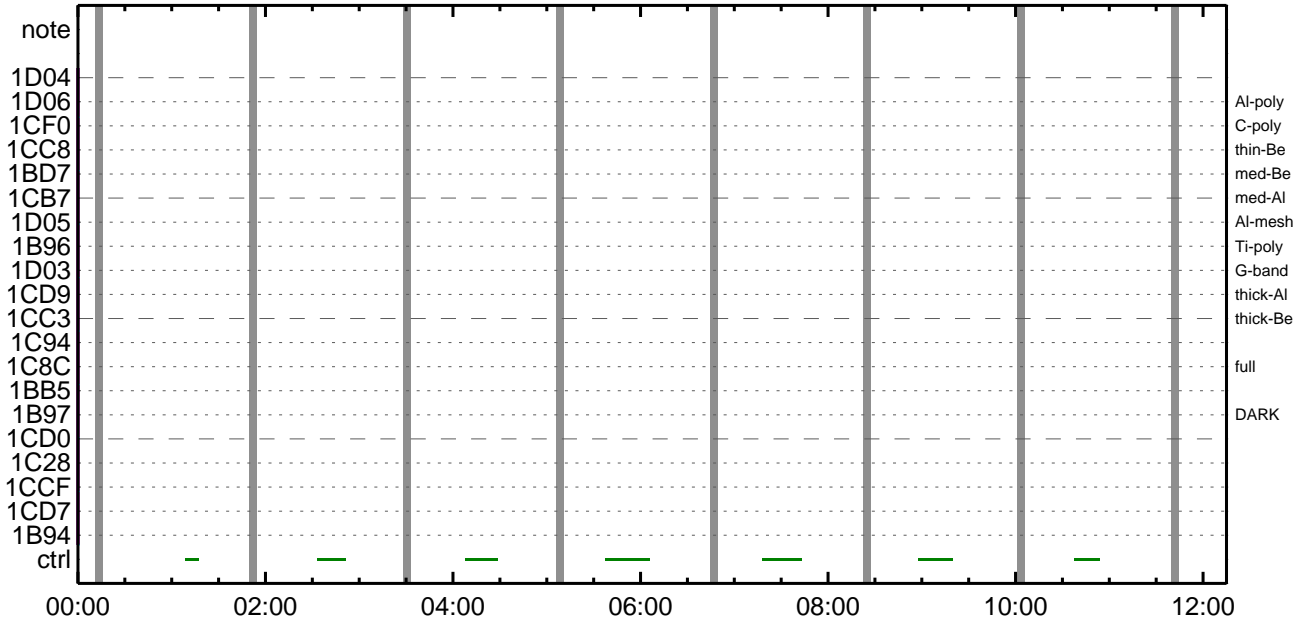
CMDI #0517 2023/12/23



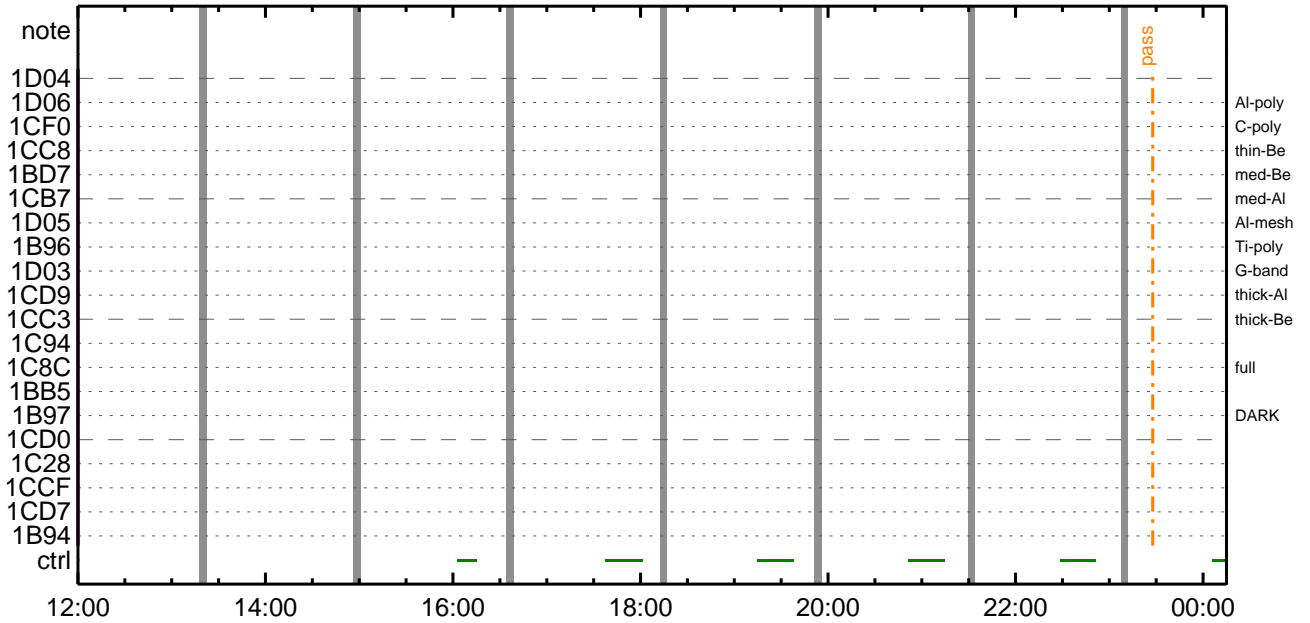
CMDI #0517 2023/12/23



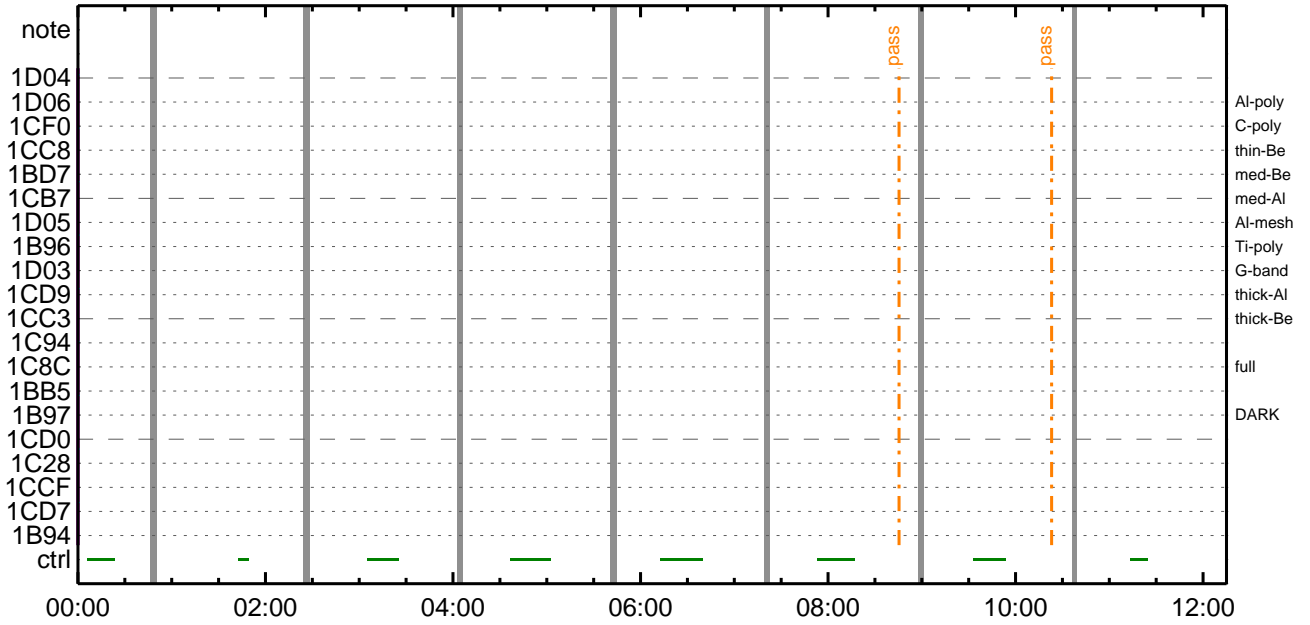
CMDI #0517 2023/12/24



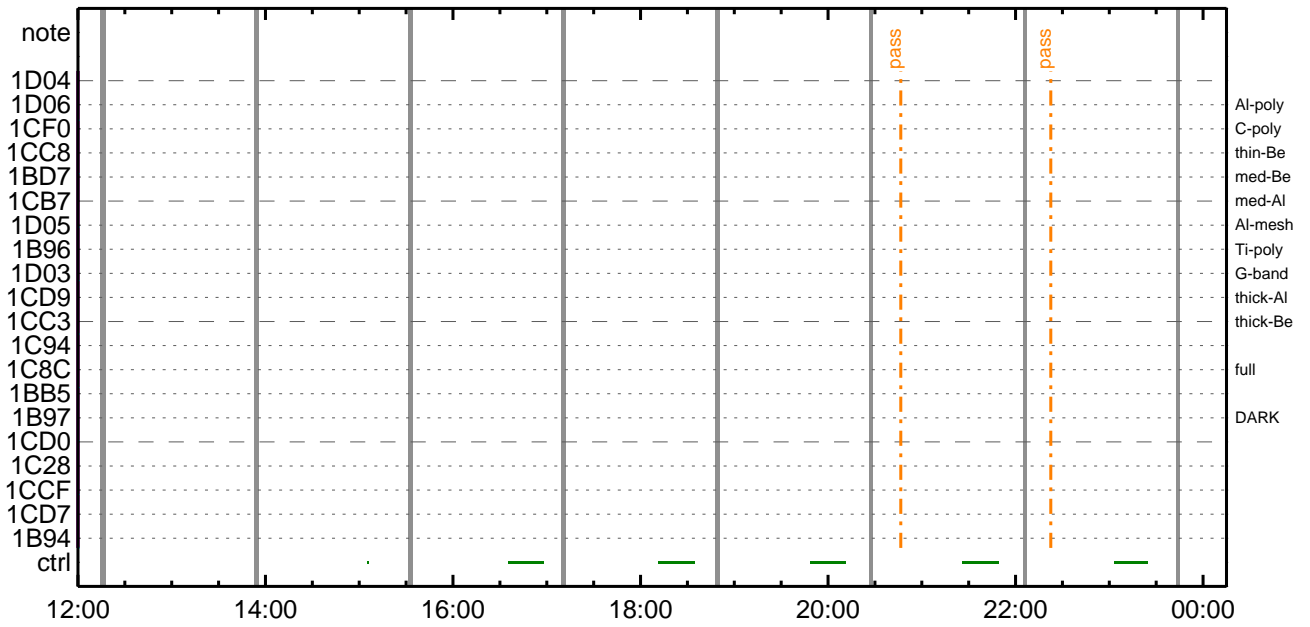
CMDI #0517 2023/12/24



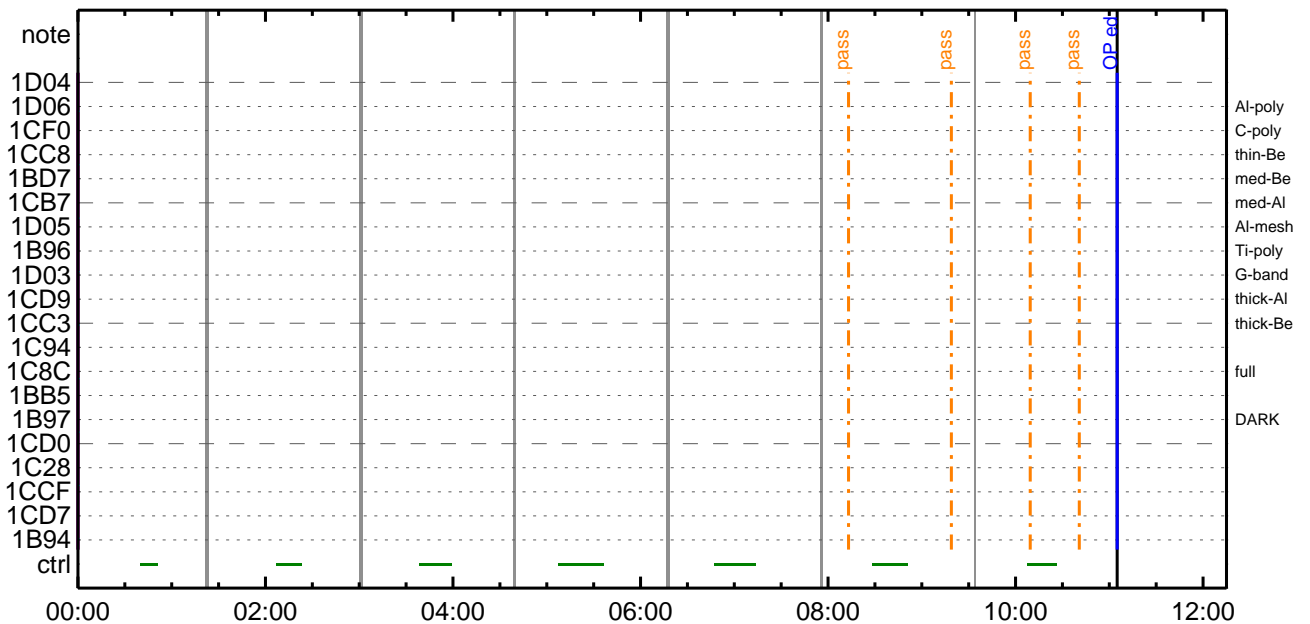
CMDI #0517 2023/12/25



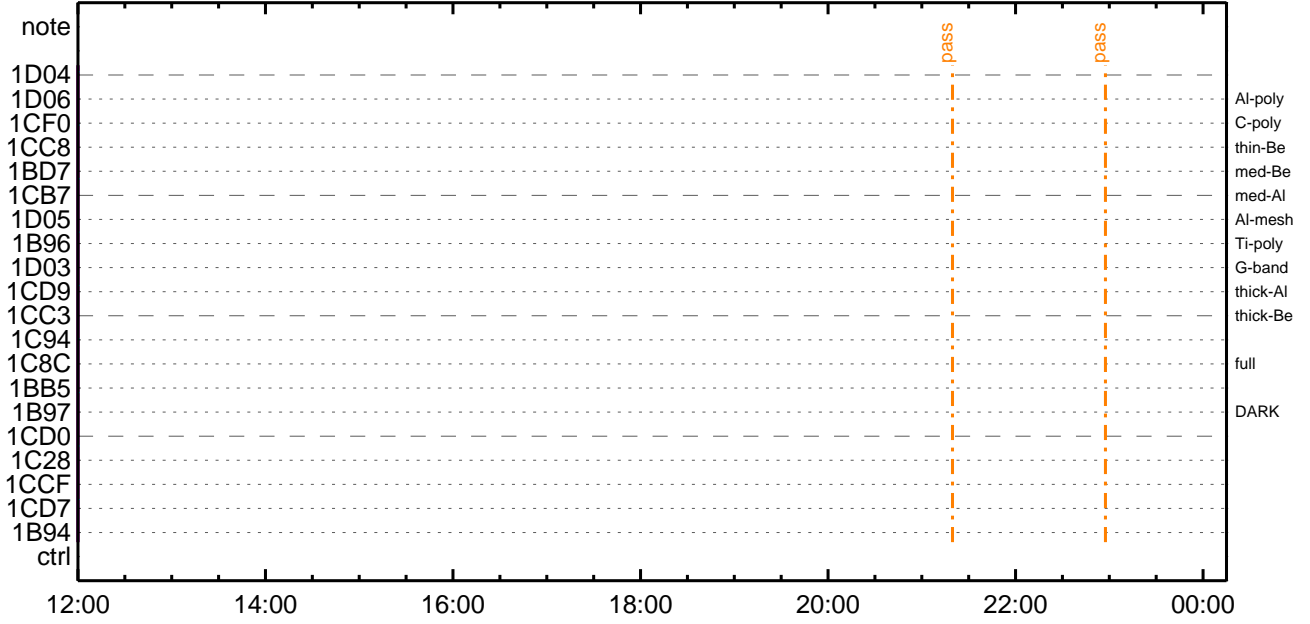
CMDI #0517 2023/12/25



CMDI #0517 2023/12/26



CMDI #0517 2023/12/26




```

0096 C.      SETDUMP=I±°iÑY¹qÇ¹Òa|a³aE;E
0097 C.
0098 . C. TIY³YFYYÓYÉpòðÁDİ¿(UT)
0099 +. TI 2023-12-16 11:17:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.      ÇÇ[HK1_TI_CMD_NUM] EQ 1COUNTUP
0102 C.
0103 +. TI 2023-12-16 11:17:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.      ÇÇ[HK1_TI_CMD_NUM] EQ 1COUNTUP
0106 C.
0107 +. TI 2023-12-16 11:17:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.      ÇÇ[HK1_TI_CMD_NUM] EQ 1COUNTUP
0110 C.
0111 +. TI 2023-12-16 11:21:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.      ÇÇ[HK1_TI_CMD_NUM] EQ 1COUNTUP
0114 C.
0115 C. °E²¼aİÄè%îÍÑaîYÁY§YÁY-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°èYÀYÓY×
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. YÀYÓY×½ªî»òð³îÇ§
0142 C.      ÇÇ[HK1_DMP_CHK_FLG] EQ NON
0143 C.
0144 . C. RAM ID=TI_TBLaİÈ¹Ç•è²İOKaòð³îÇ§
0145 C.
0146 . C. DHUYâ;¼YÉ;È¼Y¾.Yì;¼YÈ;Èòðİáa¹
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 2023-12-16 11:21:30.0
0161 DC 07-FC EIS_MODE_MANU
0162 BC (21 02)
0163 +. TI 2023-12-16 11:21:40.0
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 2023-12-16 11:21:00.0
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 'úãîaİ»ò¼Y°ÈÄða¹aèDCBC•x²è *****
0181 C. (%ã°îYÓYÁYÈYBYYÈYÁYÇYèòÈ%¼a¼Á»Ûa¹aè)
0182 . S. DC-BC dcbc-402:DCBC
0183 (MDP_known_event)
0184 C.
0185 C.
0186 . C. ***** YDY¹.İ Daily±¿İÑaÈ'Øa¹aèDCBC•x²è *****
0187 . S. DC-BC dcbc-153:DCBC
0188 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0189 C.
0190 C.
0191 . C. ;ãLOS¥ÁY§YÁY-¼Á»Û;ã
0192 C.
0193 . C. ***** LOS *****

```


(a) Spacecraft Operation Procedure (real-commands)

```

main-274 2023-12-16 12:59:16 85 33 SOLAR-B MAIN //
0001 . C.
0002 . C. ***** AOS *****
0003 . C.
0004 . C. ;ãAOSYÃYſYÃY~¼Ä»Û;ã
0005 . C.
0006 . C. YÃYŒ;¼Y³YFŸYÉÄ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 . C.
0009 . C. ***** AOS : Reload orbital element (send every contact) *****
0010 . C. Āı;È¿ç¿Aß•μ°Æ»İxÁÇ¿İYçYÃY×Yı;¼YÉ;ÈÈ¿μ•ıfÉ;ÈßÈ¼°ÇÛα•α¿¼ı¹çαı;çÄ®, ùα¹αēαβαÇÁ+¿®α•αÈααα³αÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 . C.
0013 . C.
0014 . C. ***** AOS Commands (Tracking Curve Upload) *****
0015 . C. Upload the Orbit Element and the Target Attitude
0016 . C. RAM-ID:TARGET_ATT
0017 . S. RAM ram-150:TARGET_ATT
0018 . C.
0019 . C.
0020 . C.
0021 . C. Set the dump memory area of TARGET_ATT
0022 +. DC 02-48 AOCU_DUMP_SET
0023 . BC (07 00 00 00 18 00)
0024 . C.
0025 . C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0026 . C.
0027 . C.
0028 . C. Change the TLMFormatNo for the AOS Dump Format
0029 +. DC 01-22 DHU_MODE_CHNG
0030 . BC (04 0b f8)
0031 . C.
0032 . C. Wait for AOCSDUMP to end
0033 . C.
0034 . C. Check the dump memory
0035 . C.
0036 . C. Result = OK [ ]
0037 . C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039 . BC (02 0a f8)
0040 . C.
0041 . C. <A_***>[TLM STS] FMT = 2 [ ]
0042 . C.
0043 +. DC 02-8E AOCU_ORB_UPD
0044 . C.
0045 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0046 +. DC 07-FC EIS_MODE_CHG_ENA
0047 . BC (20)
0048 . C. Verify EIS_MODE_CHG_FLG is ENA
0049 +. DC 07-FC EIS_MODE_MANU
0050 . BC (21 02)
0051 . C. Verify EIS in MANUAL mode
0052 . C. Estimated OBSTBL upload time is 22s
0053 . C. *****
0054 . C. EIS START OBSTBL LOAD
0055 . C. *****
0056 . S. RAM ram-820:EIS_OBSTBL
0057 . C.
0058 +. DC 07-FC EIS_DUMP_OBSTBL
0059 . BC (07 07 07 00 00 70 00)
0060 . C.
0061 . C. Execute, after the success of OBSTBL upload.
0062 . C. Set EIS TI-commands
0063 +. TI 2023-12-16 11:21:50.0
0064 . DC 07-FC EIS_MODE_CHG_ENA
0065 . BC (20)
0066 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0067 . C. *****
0068 . C. EIS END OBSTBL LOAD
0069 . C. *****
0070 . C.
0071 . C. ***** MDP ˆŭĂİŏİ»ô¼YŏÈÄĐŏ¹ŏēDCBC•x²è *****
0072 . C. (¼á°İYÓYÃYÈYŸYÉYŕYáYçYēŏÈ¼ŏα¼Ä»Ûŏ¹ŏē)
0073 . S. DC-BC dcbc-402:DCBC
0074 . (MDP_known_event)
0075 . C.
0076 . C.
0077 . C. ***** YĐY!•İ Daily±¿İÑŏÈ`Ÿŏ¹ŏēDCBC•x²è *****
0078 . S. DC-BC dcbc-153:DCBC
0079 . (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0080 . C.
0081 . C.
0082 . C. ;ãLOSŸÃYſYÃY~¼Ä»Û;ã
0083 . C.
0084 . C. ***** LOS *****
0085 . C.

```

(a) Spacecraft Operation Procedure (real-commands)

```
main-275 2023-12-16 12:59:16 102 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YFÝÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èò¿òÁò•µ°È»Í×ÁÇòÍYçYÁY×Yí;¼YÉ;ÈÈèµ•íÉ;ÈòÈ¼°ÇÒò•ò¿¼ì¹çòÍ;çÁ®, ùò¹òèòÈòçÁ+¿®ò•òÈòòò³òÈ;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 85 83 06 06)
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 80 80 20 08)
0052 +. DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0a 80 80 08 20)
0054 +. DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0b 80 80 08 08)
0056 +. DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 0f 80 80 06 06)
0058 +. DC 07-F0 MDP_XRT_ROI_SET
0059 BC (cd 10 80 80 08 08)
0060 +. DC 07-F0 MDP_XRT_FLD_ENA
0061 BC (d8)
0062 +. DC 07-F0 MDP_XRT_FLRCTRL_ENA
0063 BC (c8)
0064 +. DC 07-F0 MDP_XRT_ARS_DIS
0065 BC (d5)
0066 +. DC 07-F0 MDP_XRT_AEC_RESET
0067 BC (d0)
0068 +. DC 07-F0 MDP_XRT_FLD_RESET
0069 BC (da)
0070 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0071 BC (c4 09)
0072 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0073 BC (c5 0f)
0074 . C. ----- Success Verify ? OK / NG ____
0075 C.
0076 C.
0077 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0078 C.
0079 +. DC 07-F0 MDP_XRT_MODE_OBSV
0080 BC (c2)
0081 +. TI 2023-12-16 11:21:02.0
0082 DC 07-F0 MDP_XRT_MODE_OBSV
0083 BC (c2)
0084 . C. ----- Success Verify ? OK / NG ____
0085 C.
0086 C. ***** XRT END *****
0087 C.
0088 . C. ***** MDP 'úÁíòí»ò¼YòÈÁò¹òèDCBC•x²è *****
0089 C. (%á°íYÓYÁYÈYBÝÉYáYçYèòÈ¼òò¼Á»Ûò¹òè)
0090 . S. DC-BC dcbc-402:DCBC
0091 (MDP_known_event)
0092 C.
0093 C.
0094 . C. ***** YDÝ¹.Í Daily+¿ÍÑòÈ´Øò¹òèDCBC•x²è *****
0095 . S. DC-BC dcbc-153:DCBC
```



```
0096 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0097 C.
0098 C.
0099 . C. ;äLOSŸÁŸSŸÄŸ-¼Ä»Û;ä
0100 C.
0101 . C. ***** LOS *****
0102 C.
```

Dec 16, 23 12:59

XRT_OGLIST_0517.chk

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*** OP Sequence for XRT ***

2023/12/16	11:30:22.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/16	11:30:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/16	11:30:26.0	XRT_FOCUS_RECALIBRATE_405_OG [0x195]							
		XRT_FOCUS_RECAL	2	07-F8	78	00			
2023/12/16	11:32:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01	03	74	01	db
2023/12/16	11:34:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2023/12/16	11:34:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2023/12/16	11:34:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2023/12/16	11:34:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2023/12/16	11:34:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/12/16	11:34:54.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/16	11:34:56.0	XRT_QT_PROG_SET_441_OG [0x1b9]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	08			
2023/12/16	11:34:58.0	XRT_FL_PROG_SET_445_OG [0x1bd]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0f			
2023/12/16	11:35:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/12/16	11:56:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/16	11:56:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/16	11:56:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/16	11:56:36.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/12/16	11:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/12/16	12:05:00.0	XRT_Custom_430_OG [0x1ae]							
2023/12/16	12:06:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/12/16	13:35:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/16	13:35:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/16	13:35:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/16	13:35:06.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/12/16	13:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/12/16	13:43:30.0	XRT_Custom_430_OG [0x1ae]							
2023/12/16	13:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/12/16	15:13:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/16	15:13:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/16	15:13:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/16	15:13:36.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/12/16	15:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/12/16	15:21:30.0	XRT_Custom_430_OG [0x1ae]							
2023/12/16	15:22:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/12/16	16:21:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/16	16:21:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/16	16:21:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/16	16:21:36.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/12/16	16:21:36.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/12/16	16:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/12/16	16:44:00.0	XRT_Custom_430_OG [0x1ae]							
2023/12/16	16:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/12/16	16:51:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/16	16:51:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/16	16:51:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/16	16:51:36.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/12/16	16:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/12/16	17:00:00.0	XRT_Custom_430_OG [0x1ae]							
2023/12/16	17:01:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				

2023/12/16	17:32:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/16	17:32:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/16	17:32:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2023/12/16	17:33:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2023/12/16	17:33:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2023/12/16	17:33:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2023/12/16	17:33:22.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/12/16	17:35:58.0	XRT_QT_PROG_SET_403_OG [0x193]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12				
2023/12/16	17:36:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/12/16	17:42:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/16	17:42:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/16	17:42:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2023/12/16	17:43:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01 03 74 01 db				
2023/12/16	17:43:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2023/12/16	17:43:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2023/12/16	17:43:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2023/12/16	17:43:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/12/16	17:43:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/16	17:45:56.0	XRT_QT_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04				
2023/12/16	17:45:58.0	XRT_FL_PROG_SET_445_OG [0x1bd]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0f				
2023/12/16	17:46:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/12/16	17:57:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/16	17:57:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/16	17:57:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/16	17:57:06.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/12/16	18:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/12/16	18:21:00.0	XRT_Custom_430_OG [0x1ae]							
2023/12/16	18:22:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/12/16	18:30:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/16	18:30:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/16	18:30:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/16	18:30:06.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/12/16	18:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/12/16	18:38:30.0	XRT_Custom_430_OG [0x1ae]							
2023/12/16	18:39:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/12/16	19:34:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/16	19:34:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/16	19:34:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/16	19:34:06.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/12/16	19:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/12/16	19:57:30.0	XRT_Custom_430_OG [0x1ae]							
2023/12/16	19:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/12/16	20:08:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/16	20:08:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/16	20:08:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/16	20:08:06.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/12/16	20:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/12/16	20:16:30.0	XRT_Custom_430_OG [0x1ae]							
2023/12/16	20:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							

2023/12/16	21:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/16	21:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/16	21:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/16	21:10:00.0	AOCS_OrE-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2023/12/16	21:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 fc 00 ac e6
2023/12/16	21:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2023/12/16	21:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2023/12/16	21:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2023/12/16	21:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2023/12/16	21:11:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/16	21:11:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/16	21:11:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/16	21:11:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/16	21:12:56.0	XRT_QT_PROG_SET_426_OG [0x1aa]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/16	21:12:58.0	XRT_FL_PROG_SET_445_OG [0x1bd]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2023/12/16	21:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0f
2023/12/16	21:34:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/16	21:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2023/12/16	21:46:30.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2023/12/16	21:46:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/16	21:46:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/16	21:46:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/16	21:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/16	21:55:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/16	21:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/16	22:48:30.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2023/12/16	22:48:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/16	22:48:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/16	22:48:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/16	22:51:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/16	23:10:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/16	23:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/16	23:25:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/16	23:25:02.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2023/12/16	23:25:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/16	23:25:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/16	23:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/16	23:33:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/16	23:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/17	00:25:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/17	00:25:32.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2023/12/17	00:25:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/17	00:25:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	00:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	00:39:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/17	00:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/17	01:03:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/17	01:03:02.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2023/12/17	01:03:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1
			MDP_XRT_CTRL_MANU	1	07-F0	c1

2023/12/17	01:03:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/12/17	01:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/12/17	01:11:30.0	XRT_Custom_430_OG [0x1ae]								
2023/12/17	01:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/12/17	01:54:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/17	01:54:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/17	01:54:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/17	01:54:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/12/17	01:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/12/17	02:09:00.0	XRT_Custom_430_OG [0x1ae]								
2023/12/17	02:10:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/12/17	02:41:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/17	02:41:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/17	02:41:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/17	02:41:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/12/17	02:44:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/12/17	02:49:30.0	XRT_Custom_430_OG [0x1ae]								
2023/12/17	02:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/12/17	03:24:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/17	03:24:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/17	03:24:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/17	03:24:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/12/17	03:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/12/17	03:45:00.0	XRT_Custom_430_OG [0x1ae]								
2023/12/17	03:46:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/12/17	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/17	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/17	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2023/12/17	04:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]	ACCU_NM	5	02-76	00 00 00 00 00				
2023/12/17	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2023/12/17	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2023/12/17	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2023/12/17	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/12/17	04:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/17	04:02:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2023/12/17	04:02:58.0	XRT_FL_PROG_SET_445_OG [0x1bd]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0f				
2023/12/17	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/12/17	04:20:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/17	04:20:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/17	04:20:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/17	04:20:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/12/17	04:23:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/12/17	04:28:00.0	XRT_Custom_430_OG [0x1ae]								
2023/12/17	04:29:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/12/17	04:52:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/17	04:52:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/17	04:52:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/17	04:52:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/12/17	04:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]								

2023/12/17	05:22:00.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/17	05:23:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]				
2023/12/17	05:50:00.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/17	05:50:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	05:50:04.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	05:50:24.0	XRT_FLD_DIS_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2023/12/17	05:50:26.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9
2023/12/17	05:50:28.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2023/12/17	05:50:30.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_ARS_DIS	1	07-F0	d5
2023/12/17	05:50:32.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2023/12/17	05:57:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/17	05:57:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	05:57:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	05:58:00.0	AOCs_OrE-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2023/12/17	05:58:00.5	XRT_CTRL_MANU_400_OG [0x190]	AOCU_NM	5	02-76	00 fc 00 ac e6
2023/12/17	05:58:02.5	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	05:58:04.5	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	05:58:06.5	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/17	05:58:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/17	05:58:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2023/12/17	05:58:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2023/12/17	05:58:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2023/12/17	05:58:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2023/12/17	06:00:56.0	XRT_QT_PROG_SET_426_OG [0x1aa]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/17	06:00:58.0	XRT_FL_PROG_SET_445_OG [0x1bd]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2023/12/17	06:01:14.5	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0f
2023/12/17	06:06:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/17	06:07:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2023/12/17	06:33:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/17	06:33:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	06:33:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	06:33:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/17	06:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/17	06:59:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/17	07:00:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2023/12/17	07:36:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/17	07:36:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	07:36:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	07:36:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/17	07:39:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/17	07:44:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/17	07:45:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2023/12/17	08:13:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/17	08:13:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	08:13:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	08:13:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/17	08:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/17	08:36:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/17	08:37:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				

2023/12/17	09:14:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	09:14:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	09:14:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/17	09:14:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/17	09:17:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/17	09:23:00.0	XRT_Custom_430_OG [0x1ae]				
2023/12/17	09:24:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/17	09:52:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	09:52:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	09:52:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/17	09:52:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/17	09:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/17	10:12:30.0	XRT_Custom_430_OG [0x1ae]				
2023/12/17	10:13:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/17	10:53:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	10:53:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	10:53:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/17	10:53:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/17	10:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/17	11:01:00.0	XRT_Custom_430_OG [0x1ae]				
2023/12/17	11:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/17	11:34:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	11:34:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	11:34:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/17	11:34:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/17	11:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/17	11:41:00.0	XRT_Custom_430_OG [0x1ae]				
2023/12/17	11:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/17	12:31:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	12:31:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	12:31:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/17	12:31:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/17	12:34:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/17	12:39:30.0	XRT_Custom_430_OG [0x1ae]				
2023/12/17	12:40:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/17	14:09:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	14:09:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	14:09:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/17	14:09:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/17	14:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/17	14:17:30.0	XRT_Custom_430_OG [0x1ae]				
2023/12/17	14:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/17	15:21:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	15:21:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	15:21:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/17	15:21:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/17	15:24:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/17	15:29:00.0	XRT_Custom_430_OG [0x1ae]				
2023/12/17	15:30:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/17	15:48:00.0	XRT_CTRL_MANU_400_OG [0x190]				

2023/12/17	15:48:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/17	15:48:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/17	15:48:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/12/17	15:51:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/12/17	15:56:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/12/17	15:57:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/12/17	16:54:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/17	16:54:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/17	16:54:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/17	16:54:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/12/17	16:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/12/17	17:18:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/12/17	17:19:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/12/17	17:26:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/17	17:26:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/17	17:26:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/17	17:26:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/12/17	17:29:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/12/17	17:34:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/12/17	17:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/12/17	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/17	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/17	17:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/17	18:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2023/12/17	18:00:18.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00		
2023/12/17	18:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2023/12/17	18:00:22.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2023/12/17	18:02:58.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2023/12/17	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12		
2023/12/17	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/12/17	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/17	18:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/17	18:10:00.0	AOCS_Ore-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2023/12/17	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 fc 00 ac e6		
2023/12/17	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2023/12/17	18:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2023/12/17	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2023/12/17	18:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2023/12/17	18:12:56.0	XRT_QT_PROG_SET_426_OG [0x1aa]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/12/17	18:12:58.0	XRT_FL_PROG_SET_445_OG [0x1bd]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02		
2023/12/17	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0f		
2023/12/17	18:31:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/12/17	18:31:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/17	18:31:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/17	18:31:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/12/17	18:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/12/17	18:54:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/12/17	18:55:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		

2023/12/17	19:04:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	19:04:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	19:04:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/17	19:04:36.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/17	19:07:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/17	19:12:30.0	XRT_Custom_430_OG [0x1ae]			
2023/12/17	19:13:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/17	20:08:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	20:08:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	20:08:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/17	20:08:06.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/17	20:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/17	20:31:00.0	XRT_Custom_430_OG [0x1ae]			
2023/12/17	20:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/17	20:43:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	20:43:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	20:43:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/17	20:43:06.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/17	20:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/17	20:51:00.0	XRT_Custom_430_OG [0x1ae]			
2023/12/17	20:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/17	21:45:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	21:45:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	21:45:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/17	21:45:06.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/17	21:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/17	22:08:30.0	XRT_Custom_430_OG [0x1ae]			
2023/12/17	22:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/17	22:21:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	22:21:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	22:21:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/17	22:21:06.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/17	22:24:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/17	22:29:00.0	XRT_Custom_430_OG [0x1ae]			
2023/12/17	22:30:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/17	23:22:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	23:22:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	23:22:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/17	23:22:36.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/17	23:25:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/17	23:43:30.0	XRT_Custom_430_OG [0x1ae]			
2023/12/17	23:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/17	23:59:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	23:59:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/17	23:59:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/17	23:59:36.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/18	00:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/18	00:07:30.0	XRT_Custom_430_OG [0x1ae]			
2023/12/18	00:08:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/18	00:59:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1

2023/12/18	00:59:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/18	00:59:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/18	00:59:36.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/12/18	01:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/12/18	01:08:30.0	XRT_Custom_430_OG [0x1ae]							
2023/12/18	01:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/12/18	01:38:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/18	01:38:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/18	01:38:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/18	01:38:06.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/12/18	01:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/12/18	01:46:00.0	XRT_Custom_430_OG [0x1ae]							
2023/12/18	01:47:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/12/18	02:24:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/18	02:24:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/18	02:24:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/18	02:24:36.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/12/18	02:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/12/18	02:42:00.0	XRT_Custom_430_OG [0x1ae]							
2023/12/18	02:43:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/12/18	03:16:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/18	03:16:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/18	03:16:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/18	03:16:06.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/12/18	03:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/12/18	03:24:00.0	XRT_Custom_430_OG [0x1ae]							
2023/12/18	03:25:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/12/18	03:58:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/18	03:58:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/18	03:58:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/18	03:58:06.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/12/18	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/18	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/18	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2023/12/18	04:00:00.0	AOCS_OrE-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2023/12/18	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2023/12/18	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2023/12/18	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2023/12/18	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/12/18	04:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/18	04:01:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/12/18	04:02:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2023/12/18	04:02:58.0	XRT_FL_PROG_SET_445_OG [0x1bd]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0f				
2023/12/18	04:19:00.0	XRT_Custom_430_OG [0x1ae]							
2023/12/18	04:20:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/12/18	04:54:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/18	04:54:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/18	04:54:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/18	04:54:36.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				

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2023/12/18	04:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/12/18	05:02:30.0	XRT_Custom_430_OG [0x1ae]					
2023/12/18	05:03:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/12/18	05:27:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/18	05:27:32.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/18	05:27:34.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2023/12/18	05:27:36.0	XRT_PREFLR_STRT_431_OG [0x1af]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/12/18	05:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/12/18	05:56:00.0	XRT_Custom_430_OG [0x1ae]					
2023/12/18	05:57:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/12/18	06:08:00.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/18	06:08:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/18	06:08:04.0	XRT_FOCUS_POSITION_406_OG [0x196]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2023/12/18	06:08:24.0	XRT_FLD_DIS_409_OG [0x199]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2023/12/18	06:08:26.0	XRT_FLRCTRL_DIS_413_OG [0x19d]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2023/12/18	06:08:28.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2023/12/18	06:08:30.0	XRT_QT_PROG_SET_403_OG [0x193]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12		
2023/12/18	06:08:32.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/12/18	06:15:24.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/18	06:15:26.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/18	06:15:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2023/12/18	06:15:30.0	AOCS_Or-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	00 fc 00 ac e6		
2023/12/18	06:15:48.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2023/12/18	06:15:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2023/12/18	06:15:52.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2023/12/18	06:15:54.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2023/12/18	06:15:56.0	XRT_FLD_RESET_434_OG [0x1b2]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2023/12/18	06:18:26.0	XRT_QT_PROG_SET_426_OG [0x1aa]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02		
2023/12/18	06:18:28.0	XRT_FL_PROG_SET_445_OG [0x1bd]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0f		
2023/12/18	06:18:30.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/12/18	06:32:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/18	06:32:32.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/18	06:32:34.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2023/12/18	06:32:36.0	XRT_PREFLR_STRT_431_OG [0x1af]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/12/18	06:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/12/18	06:40:30.0	XRT_Custom_430_OG [0x1ae]					
2023/12/18	06:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/12/18	07:08:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/18	07:08:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/18	07:08:04.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2023/12/18	07:08:06.0	XRT_PREFLR_STRT_431_OG [0x1af]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/12/18	07:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/12/18	07:33:30.0	XRT_Custom_430_OG [0x1ae]					
2023/12/18	07:34:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/12/18	08:11:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/18	08:11:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/18	08:11:04.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2023/12/18	08:11:06.0	XRT_PREFLR_STRT_431_OG [0x1af]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/12/18	08:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					

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2023/12/18	08:19:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/18	08:20:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/18	08:48:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/18	08:48:02.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/18	08:48:04.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/18	08:48:06.0	XRT_PREFLR_STRT_431_OG [0x1af]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/18	08:51:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/18	09:10:30.0	XRT_Custom_430_OG [0x1ae]				
2023/12/18	09:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/18	09:49:30.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/18	09:49:32.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/18	09:49:34.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/18	09:49:36.0	XRT_PREFLR_STRT_431_OG [0x1af]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/18	09:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/18	09:57:00.0	XRT_Custom_430_OG [0x1ae]				
2023/12/18	09:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/18	10:27:30.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/18	10:27:32.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/18	10:27:34.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/18	10:27:36.0	XRT_PREFLR_STRT_431_OG [0x1af]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/18	10:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/18	10:45:30.0	XRT_Custom_430_OG [0x1ae]				
2023/12/18	10:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/18	11:27:30.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/18	11:27:32.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/18	11:27:34.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/18	11:27:36.0	XRT_PREFLR_STRT_431_OG [0x1af]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/18	11:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/18	11:35:30.0	XRT_Custom_430_OG [0x1ae]				
2023/12/18	11:36:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/18	13:06:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/18	13:06:02.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/18	13:06:04.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/18	13:06:06.0	XRT_PREFLR_STRT_431_OG [0x1af]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/18	13:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/18	13:14:00.0	XRT_Custom_430_OG [0x1ae]				
2023/12/18	13:15:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/18	14:44:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/18	14:44:02.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/18	14:44:04.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/18	14:44:06.0	XRT_PREFLR_STRT_431_OG [0x1af]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/18	14:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/18	14:52:00.0	XRT_Custom_430_OG [0x1ae]				
2023/12/18	14:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/18	15:53:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/18	15:53:02.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/18	15:53:04.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/18	15:53:06.0	XRT_PREFLR_STRT_431_OG [0x1af]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/18	15:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/18	16:05:00.0	XRT_Custom_430_OG [0x1ae]				

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2023/12/18	16:06:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/12/18	16:22:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/18	16:22:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/18	16:22:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/18	16:22:36.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/12/18	16:25:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/12/18	16:30:30.0	XRT_Custom_430_OG [0x1ae]							
2023/12/18	16:31:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/12/18	17:28:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/18	17:28:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/18	17:28:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/18	17:28:06.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/12/18	17:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/12/18	17:52:00.0	XRT_Custom_430_OG [0x1ae]							
2023/12/18	17:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/12/18	18:01:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/18	18:01:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/18	18:01:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/18	18:01:06.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/12/18	18:04:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/12/18	18:08:30.0	XRT_Custom_430_OG [0x1ae]							
2023/12/18	18:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/12/18	18:22:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/18	18:22:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/18	18:22:28.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2023/12/18	18:22:30.0	AOCs_OrE-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2023/12/18	18:22:48.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2023/12/18	18:22:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2023/12/18	18:22:52.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/12/18	18:25:28.0	XRT_QT_PROG_SET_403_OG [0x193]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12				
2023/12/18	18:25:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/12/18	18:32:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/18	18:32:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/18	18:32:28.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2023/12/18	18:32:30.0	AOCs_OrE-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 fc 00 ac e6				
2023/12/18	18:32:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2023/12/18	18:32:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2023/12/18	18:32:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2023/12/18	18:32:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/12/18	18:32:56.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/18	18:35:26.0	XRT_QT_PROG_SET_443_OG [0x1bb]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2023/12/18	18:35:28.0	XRT_FL_PROG_SET_445_OG [0x1bd]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0f				
2023/12/18	18:35:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/12/18	19:05:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/18	19:05:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/12/18	19:05:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/12/18	19:05:06.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/12/18	19:08:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				

2023/12/18	19:28:30.0	XRT_Custom_430_OG [0x1ae]			
2023/12/18	19:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/18	19:39:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/18	19:39:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/18	19:39:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/18	19:39:06.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/18	19:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/18	19:47:00.0	XRT_Custom_430_OG [0x1ae]			
2023/12/18	19:48:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/18	20:42:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/18	20:42:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/18	20:42:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/18	20:42:06.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/18	20:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/18	21:05:00.0	XRT_Custom_430_OG [0x1ae]			
2023/12/18	21:06:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/18	21:17:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/18	21:17:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/18	21:17:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/18	21:17:36.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/18	21:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/18	21:25:00.0	XRT_Custom_430_OG [0x1ae]			
2023/12/18	21:26:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/18	22:19:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/18	22:19:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/18	22:19:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/18	22:19:06.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/18	22:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/18	22:42:00.0	XRT_Custom_430_OG [0x1ae]			
2023/12/18	22:43:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/18	22:56:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/18	22:56:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/18	22:56:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/18	22:56:06.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/18	22:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/18	23:03:30.0	XRT_Custom_430_OG [0x1ae]			
2023/12/18	23:04:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/18	23:56:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/18	23:56:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/18	23:56:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/18	23:56:36.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/18	23:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/19	00:16:30.0	XRT_Custom_430_OG [0x1ae]			
2023/12/19	00:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/19	00:34:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/19	00:34:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/19	00:34:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/19	00:34:06.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/19	00:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/19	00:42:00.0	XRT_Custom_430_OG [0x1ae]			
2023/12/19	00:43:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			

2023/12/19	01:33:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/19	01:33:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/19	01:33:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/12/19	01:33:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/12/19	01:36:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/12/19	01:40:30.0	XRT_Custom_430_OG [0x1ae]						
2023/12/19	01:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/12/19	02:12:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/19	02:12:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/19	02:12:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/12/19	02:12:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/12/19	02:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/12/19	02:20:00.0	XRT_Custom_430_OG [0x1ae]						
2023/12/19	02:21:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/12/19	02:56:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/19	02:56:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/19	02:56:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/12/19	02:56:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/12/19	02:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/12/19	03:16:00.0	XRT_Custom_430_OG [0x1ae]						
2023/12/19	03:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/12/19	03:50:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/19	03:50:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/19	03:50:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/12/19	03:50:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/12/19	03:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/12/19	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/19	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/19	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2023/12/19	04:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00		
2023/12/19	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2023/12/19	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2023/12/19	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2023/12/19	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2023/12/19	04:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/12/19	04:02:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11		
2023/12/19	04:02:58.0	XRT_FL_PROG_SET_445_OG [0x1bd]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0f		
2023/12/19	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/12/19	04:30:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/19	04:30:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/19	04:30:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/12/19	04:30:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/12/19	04:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/12/19	04:53:00.0	XRT_Custom_430_OG [0x1ae]						
2023/12/19	04:54:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/12/19	05:29:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/19	05:29:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/12/19	05:29:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		

2023/12/19	05:29:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/12/19	05:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/12/19	05:36:30.0	XRT_Custom_430_OG [0x1ae]					
2023/12/19	05:37:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/12/19	06:02:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/12/19	06:02:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/12/19	06:02:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/12/19	06:02:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/12/19	06:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/12/19	06:30:00.0	XRT_Custom_430_OG [0x1ae]					
2023/12/19	06:31:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/12/19	06:41:30.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/12/19	06:41:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/12/19	06:41:34.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2023/12/19	06:41:54.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2023/12/19	06:41:56.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2023/12/19	06:41:58.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/12/19	06:42:00.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12	
2023/12/19	06:42:02.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/12/19	06:49:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/12/19	06:49:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/12/19	06:49:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2023/12/19	06:49:30.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 fc 00 ac e6	
2023/12/19	06:49:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2023/12/19	06:49:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2023/12/19	06:49:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2023/12/19	06:49:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/12/19	06:49:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/12/19	06:52:26.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10	
2023/12/19	06:52:28.0	XRT_FL_PROG_SET_445_OG [0x1bd]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0f	
2023/12/19	06:52:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/12/19	07:07:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/12/19	07:07:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/12/19	07:07:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/12/19	07:07:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/12/19	07:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/12/19	07:15:00.0	XRT_Custom_430_OG [0x1ae]					
2023/12/19	07:16:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/12/19	07:43:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/12/19	07:43:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/12/19	07:43:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/12/19	07:43:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/12/19	07:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/12/19	08:07:30.0	XRT_Custom_430_OG [0x1ae]					
2023/12/19	08:08:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/12/19	08:45:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/12/19	08:45:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/12/19	08:45:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/12/19	08:45:36.0	XRT_PREFLR_STRT_431_OG [0x1af]					

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2023/12/19	08:48:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/19	08:53:00.0	XRT_Custom_430_OG [0x1ae]				
2023/12/19	08:54:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/19	09:22:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/19	09:22:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/19	09:22:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/19	09:22:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/19	09:25:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/19	09:44:00.0	XRT_Custom_430_OG [0x1ae]				
2023/12/19	09:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/12/19	10:24:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/19	10:24:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/12/19	10:24:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/12/19	10:24:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/12/19	10:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/12/19	11:04:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00