

Period: 2025/12/23 10:53:00 - 2025/12/31 11:01:00

XOB #1D06: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 4th Quadrant -All/mesh(2048ms) - 1x1, All/Poly(1443ms) - 2x2 - w leak image-1msCCD														
Term		Pointing (x, y)					Comment							
12/24 12:33:00 - 12/24 12:39:54		Fixed (-528.4, 528.4)					XRT Quad. Obs. #4							
PROG= 15		1-time(s)												
Subr= 1		1-time(s)				2.0sec								
Seqn= 14		1-time(s)				2.0sec								
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 512)	Q=90	0	0	2.0sec	
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 512)	Q=90	0	0	2.0sec	
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (1536, 512)	Q=98	0	0	2.0sec	
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (1536, 512)	Q=98	0	0	2.0sec	
Subr= 2		1-time(s)				120.0sec								

┌	Seqn= 93		2-time(s)		2.0sec											
	Open/Al-mesh		Open/thick-Al	close	Safe	Norm	2.00s	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec		
	Al-poly/Open		med-Be/Open	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec		
	Subr= 3		2-time(s)		2.0sec											
┌	Seqn= 34		1-time(s)		60.0sec											
	Open/G-band		Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec		
	Open/G-band		Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec		
	Default Filter		Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval			

XOB #1D07: Synoptic 8 Filter w/ Al-mesh(5/128/723), Al-poly(8/181/1443), Thin-Be(33/512/4096), Thick-Be(32768), Med-Al(256/8192/32768), Med-Be(128/5792)

Term	Pointing (x, y)	Comment
12/24 12:43:00 - 12/24 12:49:54	Fixed (0.0, 0.0)	Post Bakeout Synoptic
12/24 18:39:00 - 12/24 18:45:54	Fixed (0.0, 0.0)	synoptic, shifted 36.0 min
12/25 05:34:30 - 12/25 05:41:24	Fixed (0.0, 0.0)	synoptic, shifted -28.5 min
12/25 17:52:00 - 12/25 17:58:54	Fixed (0.0, 0.0)	synoptic, shifted -11.0 min
12/26 06:03:00 - 12/26 06:09:54	Fixed (0.0, 0.0)	synoptic
12/26 18:05:00 - 12/26 18:11:54	Fixed (0.0, 0.0)	synoptic, shifted 2.0 min
12/27 06:21:00 - 12/27 06:27:54	Fixed (0.0, 0.0)	synoptic shifted 18.0 min
12/27 18:37:00 - 12/27 18:43:54	Fixed (0.0, 0.0)	synoptic, shifted 34.0 min
12/28 05:33:00 - 12/28 05:39:54	Fixed (0.0, 0.0)	synoptic, shifted -30.0 min
12/28 17:50:00 - 12/28 17:56:54	Fixed (0.0, 0.0)	synoptic, shifted -13.0 min
12/29 06:03:00 - 12/29 06:09:54	Fixed (0.0, 0.0)	synoptic
12/29 18:03:00 - 12/29 18:09:54	Fixed (0.0, 0.0)	synoptic
12/30 06:18:30 - 12/30 06:25:24	Fixed (0.0, 0.0)	synoptic, shifted 15.5 min

PROG= 06	Subr= 1		1-time(s)		2.0sec												
	Seqn= 5		1-time(s)		2.0sec												
	Open/Ti-poly		Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)		Q=98	0	0	2.0sec		
	Open/Ti-poly		Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)		Q=98	0	0	2.0sec		
	Open/Ti-poly		Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)		Q=98	0	0	2.0sec		
	Open/Ti-poly		Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)		DPCM	0	0	2.0sec		
	Open/Ti-poly		Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)		DPCM	0	0	2.0sec		
	Seqn= 26		1-time(s)		2.0sec												
	Open/Al-mesh		Open/Al-mesh	close	Safe	Norm	5ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec		
	Open/Al-mesh		Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec		
	Open/Al-mesh		Open/Al-mesh	close	Safe	Norm	707ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec		
	Seqn= 99		1-time(s)		2.0sec												
	Al-poly/Open		Al-poly/Open	close	Safe	Norm	8ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec		
	Al-poly/Open		Al-poly/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec		
	Al-poly/Open		Al-poly/thick-Al	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec		
	Seqn= 83		1-time(s)		2.0sec												
	thin-Be/Open		thin-Be/Open	close	Safe	Norm	32ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec		
	thin-Be/Open		thin-Be/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec		
	thin-Be/Open		thin-Be/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec		
	Seqn= 23		1-time(s)		4.0sec												
	Open/G-band		Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)		Q=90	0	0	2.0sec		
	Open/G-band		Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec		
	Subr= 2		1-time(s)		2.0sec												
	Seqn= 41		1-time(s)		2.0sec												
	Open/thick-Be		Open/thick-Be	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)		Q=98	0	0	2.0sec		
	Seqn= 17		1-time(s)		2.0sec												
	med-Al/Open		med-Al/thick-Al	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec		
	med-Al/Open		med-Al/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec		
med-Al/Open		med-Al/Open	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec			
Seqn= 33		1-time(s)		2.0sec													
med-Be/Open		Open/thick-Al	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec			
med-Be/Open		med-Be/Open	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec			
med-Be/Open		med-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec			
Seqn= 75		1-time(s)		2.0sec													
Al-poly/Ti-poly		Al-poly/thick-Al	close	Safe	Norm	44ms	Obs	2x2	2048x2048 (1024, 1024)		Q=98	0	0	2.0sec			
Al-poly/Ti-poly		Al-poly/thick-Al	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)		Q=98	0	0	2.0sec			
Default Filter		Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval				

XOB #1C92: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 600s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
12/24 12:53:06 - 12/24 15:49:54	Fixed (-21.0, 825.0)	HOP485 North
12/25 12:03:00 - 12/25 14:59:54	Fixed (-21.0, -866.0)	HOP485 South
12/27 18:47:00 - 12/28 01:59:54	Track (206.4, 184.7) @ 12/27 18:44:00	AR14317
12/28 05:49:30 - 12/28 17:46:54	Track (303.6, 184.2) @ 12/28 05:40:00	AR14317
12/28 18:00:00 - 12/29 01:59:54	Track (408.3, 183.1) @ 12/28 17:57:00	AR14317
12/29 06:21:00 - 12/29 17:59:54	Track (506.3, 181.3) @ 12/29 06:10:00	AR14317
12/29 18:13:00 - 12/30 01:59:54	Track (595.5, 178.9) @ 12/29 18:10:00	AR14317
12/30 06:28:30 - 12/30 08:58:00	Track (678.0, 175.8) @ 12/30 06:25:30	AR14317

PROG= 11		Inf.-time(s)		2.0sec												
└	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= 1 1-time(s) 300.0sec

	Seqn=100		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	177ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
	Seqn= 84		1-time(s)		2.0sec									
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	16ms	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	4.00s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
	Seqn= 57		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	11.3s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
	Seqn= 81		1-time(s)		2.0sec									
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (512, 512)		Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	1024x1024 (512, 512)		Q=95	0	0	2.0sec
Subr= 2	6-time(s)		1200.0sec											
Seqn= 8		1-time(s)		2.0sec										
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)		Q=98	3	0	2.0sec	
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)		DPCM	2	0	2.0sec	
Seqn= 6		1-time(s)		2.0sec										
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)		Q=98	3	0	2.0sec	
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)		DPCM	2	0	2.0sec	
Seqn= 29		1-time(s)		2.0sec										
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)		Q=98	3	0	2.0sec	
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	4x4	2048x2048 (1024, 1024)		Q=98	2	0	2.0sec	
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

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Flare mode

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XOB #1D35: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Be/thick), AEC 3, 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512x512 2x2) + GL

Term	Pointing (x, y)	Comment
12/24 12:53:06 - 12/24 15:49:54	Fixed (-21.0, 825.0)	HOP485 North
12/24 15:53:00 - 12/24 18:35:54	Track (-468.3, 175.3) @ 12/24 15:50:00	AR 14317
12/24 22:56:00 - 12/25 02:09:54	Track (-410.5, 176.9) @ 12/24 22:46:00	AR14317
12/25 02:13:00 - 12/25 05:31:24	Fixed (0.0, 0.0)	HOP349
12/25 05:52:00 - 12/25 11:59:54	Track (-351.0, 178.4) @ 12/25 05:41:30	AR14317
12/25 12:03:00 - 12/25 14:59:54	Fixed (-21.0, -866.0)	HOP485 South
12/25 15:03:00 - 12/25 17:48:54	Track (-268.7, 180.2) @ 12/25 15:00:00	AR14317
12/25 18:02:00 - 12/26 01:59:54	Track (-241.8, 180.7) @ 12/25 17:59:00	AR14317
12/26 02:03:00 - 12/26 05:59:54	Fixed (0.0, 0.0)	HOP349
12/26 06:13:00 - 12/26 18:01:54	Track (-130.5, 182.5) @ 12/26 06:10:00	AR14317
12/26 18:15:00 - 12/27 01:51:30	Track (-19.1, 183.8) @ 12/26 18:12:00	AR14317
12/27 02:03:00 - 12/27 06:17:54	Fixed (0.0, 0.0)	HOP349
12/27 06:35:00 - 12/27 18:33:54	Track (94.5, 184.5) @ 12/27 06:28:00	AR14317
12/27 18:47:00 - 12/28 01:59:54	Track (206.4, 184.7) @ 12/27 18:44:00	AR14317
12/28 02:03:00 - 12/28 05:29:54	Fixed (0.0, 0.0)	HOP349
12/28 05:49:30 - 12/28 17:46:54	Track (303.6, 184.2) @ 12/28 05:40:00	AR14317
12/28 18:00:00 - 12/29 01:59:54	Track (408.3, 183.1) @ 12/28 17:57:00	AR14317
12/29 02:03:00 - 12/29 05:59:54	Fixed (0.0, 0.0)	HOP349
12/29 06:21:00 - 12/29 17:59:54	Track (506.3, 181.3) @ 12/29 06:10:00	AR14317
12/29 18:13:00 - 12/30 01:59:54	Track (595.5, 178.9) @ 12/29 18:10:00	AR14317
12/30 02:03:00 - 12/30 06:15:24	Fixed (0.0, 0.0)	HOP349
12/30 06:28:30 - 12/30 08:58:00	Track (678.0, 175.8) @ 12/30 06:25:30	AR14317

PROG= 14 30-time(s)

Subr= 1	1-time(s)		2.0sec											
	Seqn= 68		1-time(s)		2.0sec									
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=95	0	0	2.0sec	
	Subr= 2		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= 3		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

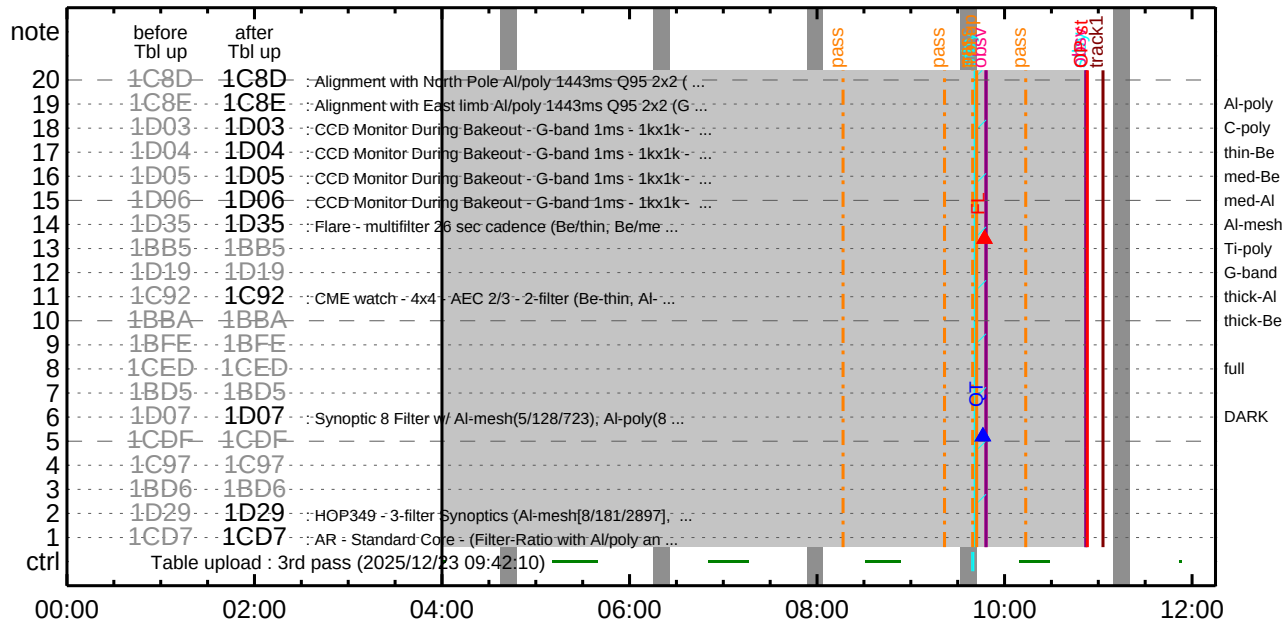
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Flare Detection

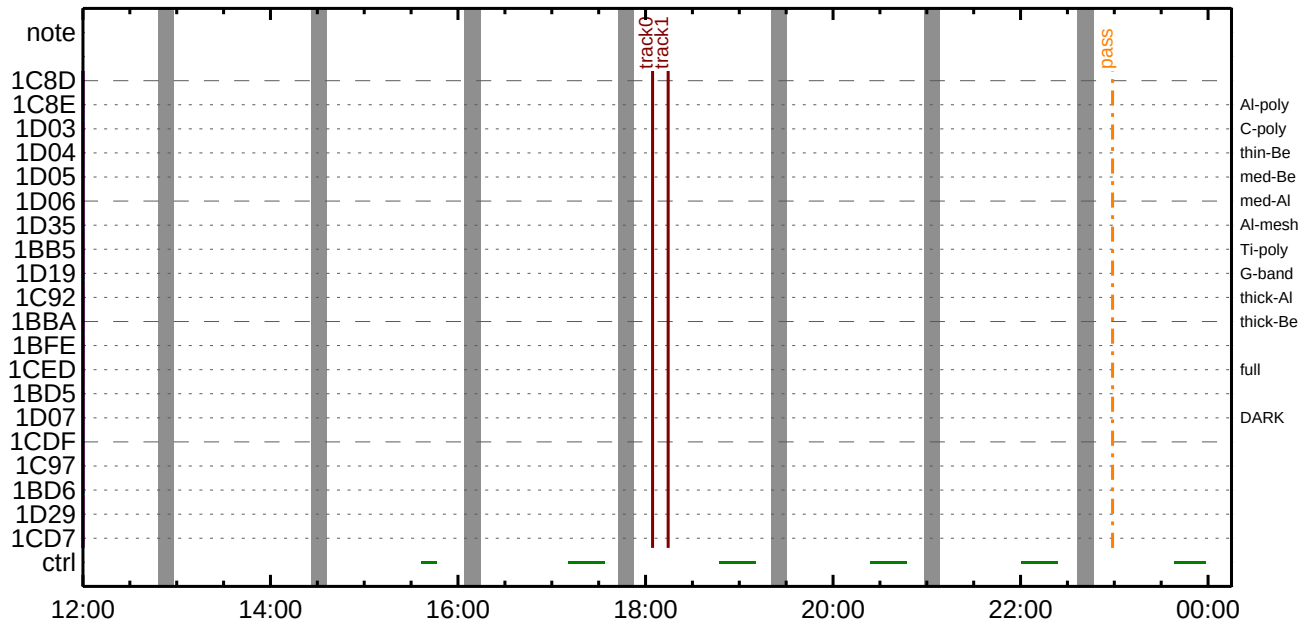
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FLD Patrol											
Term			Pointing (x, y)					Comment			
12/23 09:43:10 - 12/24 12:02:56			cannot be identified								
12/24 12:50:21 - 12/24 18:36:16			Fixed (-21.0, 825.0)					HOP485 North			
12/24 22:46:16 - 12/25 05:31:46			Track (-410.5, 176.9) @ 12/24 22:46:00					AR14317			
12/25 05:41:46 - 12/25 17:49:16			Track (-351.0, 178.4) @ 12/25 05:41:30					AR14317			
12/25 17:59:16 - 12/26 06:00:16			Track (-241.8, 180.7) @ 12/25 17:59:00					AR14317			
12/26 06:10:16 - 12/26 18:02:16			Track (-130.5, 182.5) @ 12/26 06:10:00					AR14317			
12/26 18:12:16 - 12/27 06:18:16			Track (-19.1, 183.8) @ 12/26 18:12:00					AR14317			
12/27 06:32:16 - 12/27 18:34:16			Track (94.5, 184.5) @ 12/27 06:28:00					AR14317			
12/27 18:44:16 - 12/28 05:30:16			Track (206.4, 184.7) @ 12/27 18:44:00					AR14317			
12/28 05:40:16 - 12/28 17:47:16			Track (303.6, 184.2) @ 12/28 05:40:00					AR14317			
12/28 17:57:16 - 12/29 06:00:16			Track (408.3, 183.1) @ 12/28 17:57:00					AR14317			
12/29 06:10:16 - 12/29 18:00:16			Track (506.3, 181.3) @ 12/29 06:10:00					AR14317			
12/29 18:10:16 - 12/30 06:15:46			Track (595.5, 178.9) @ 12/29 18:10:00					AR14317			
12/30 06:25:46 - 12/31 11:01:00			Track (678.0, 175.8) @ 12/30 06:25:30					AR14317			
AI-poly/Open		AI-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

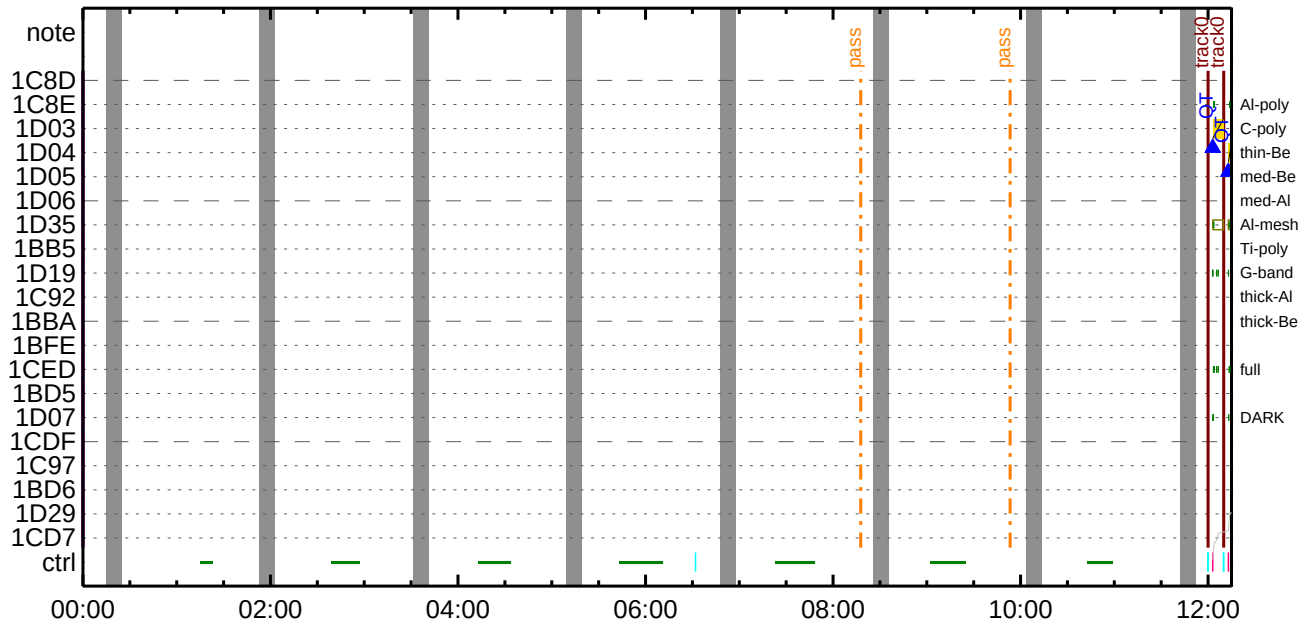
CMDI #0034 2025/12/23



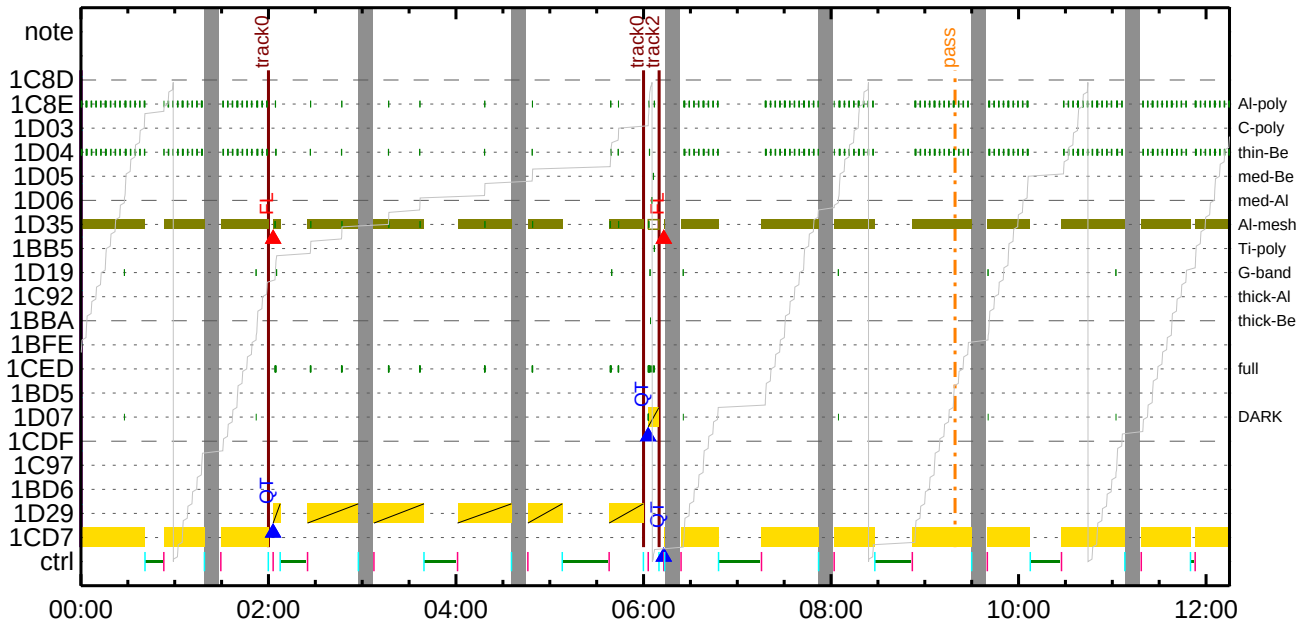
CMDI #0034 2025/12/23



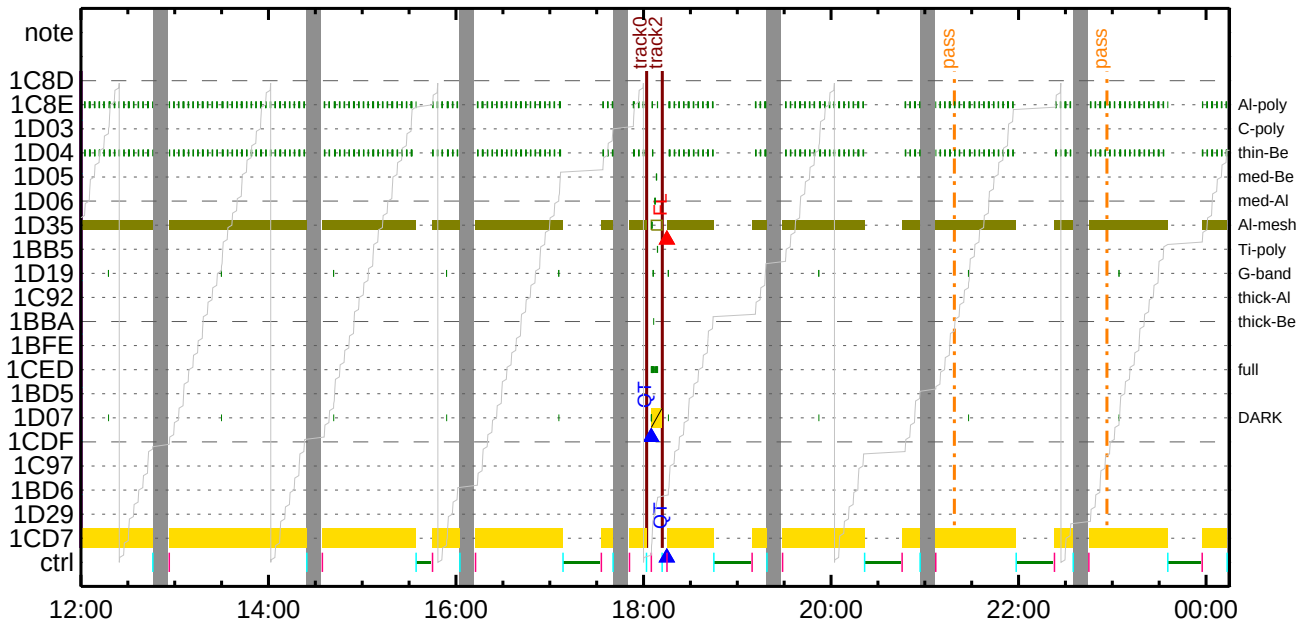
CMDI #0034 2025/12/24



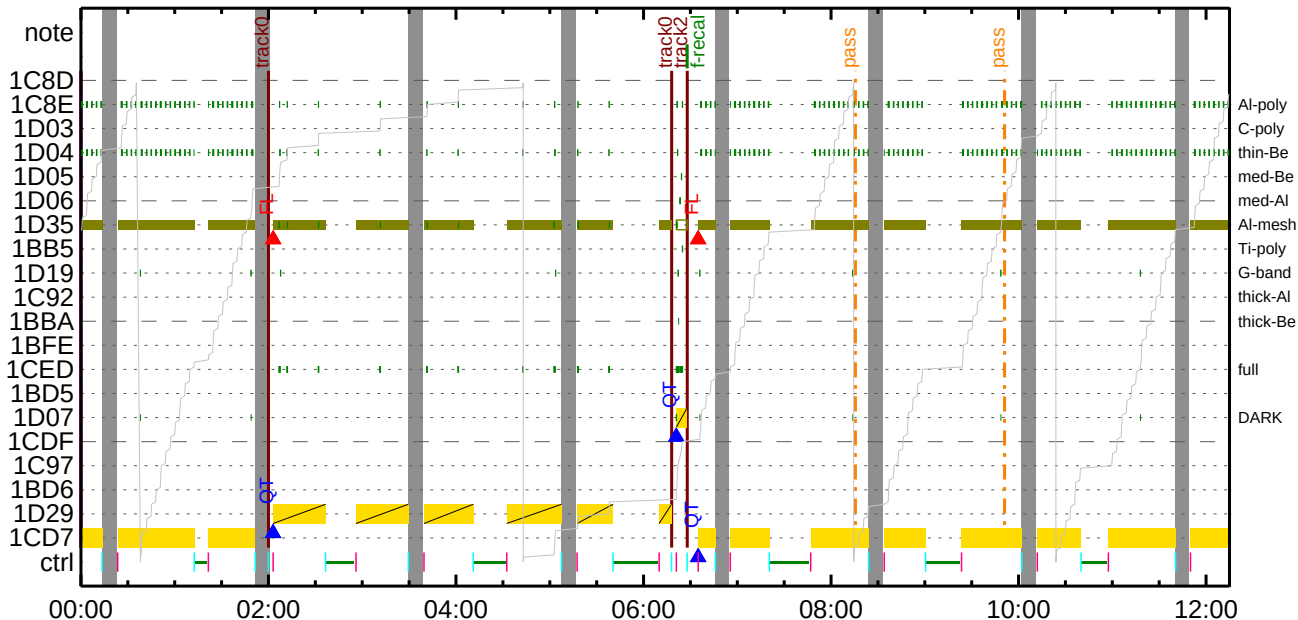
CMDI #0034 2025/12/26



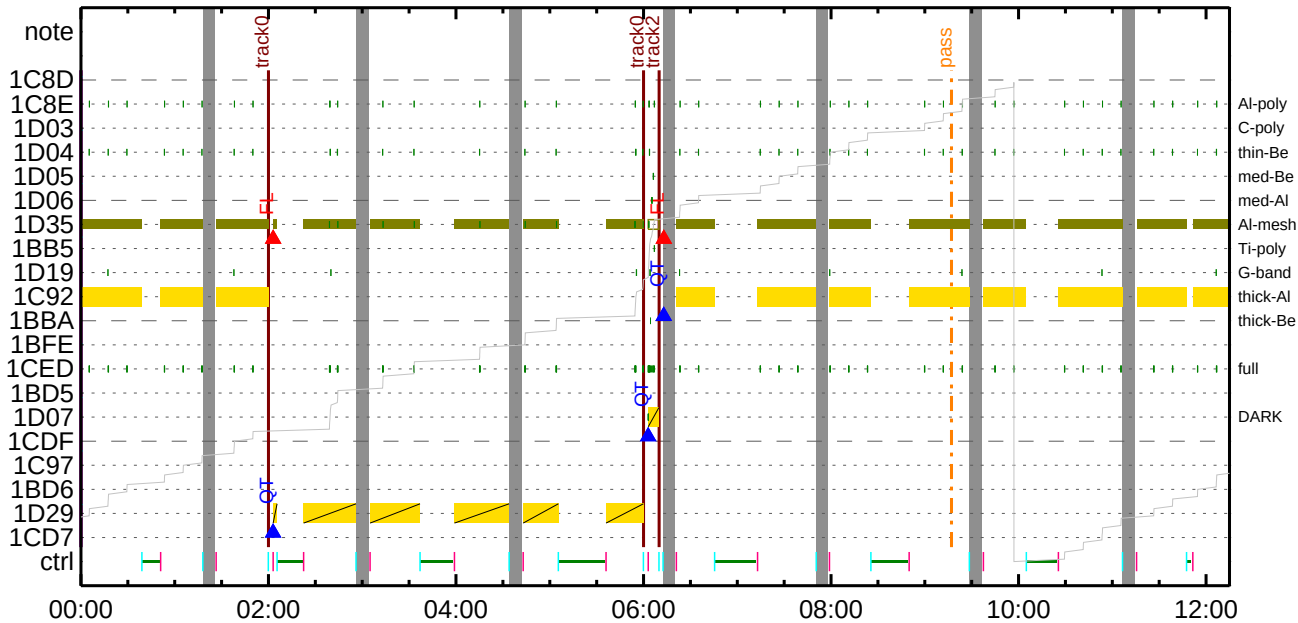
CMDI #0034 2025/12/26



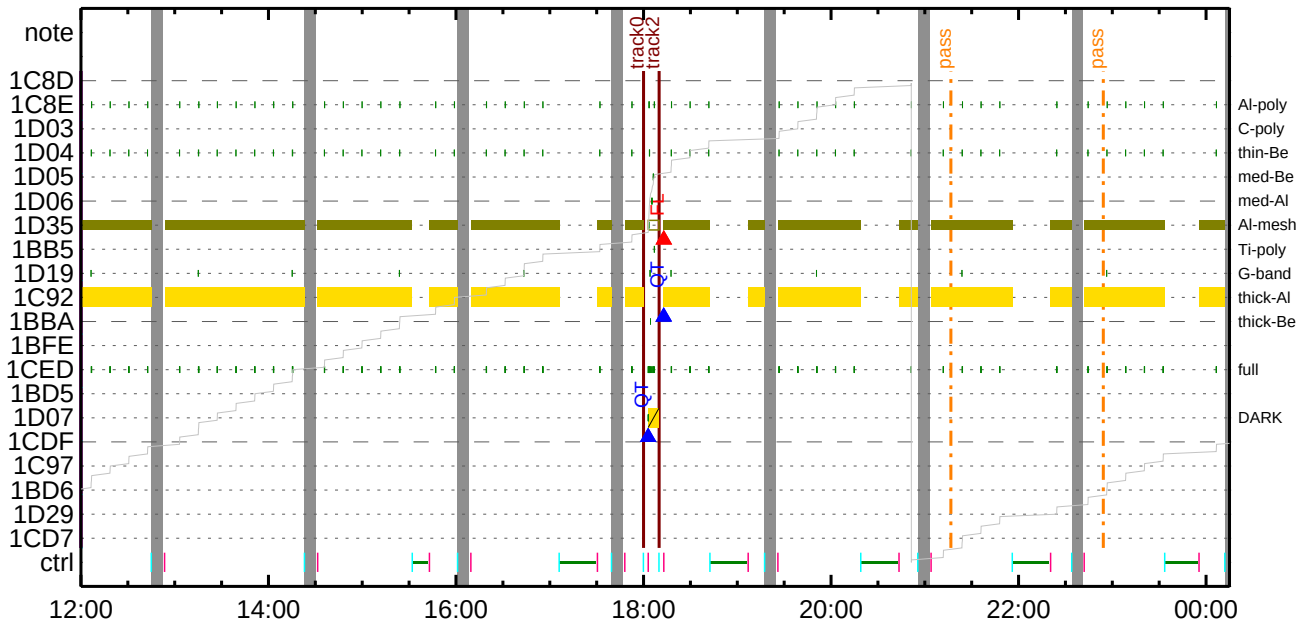
CMDI #0034 2025/12/27



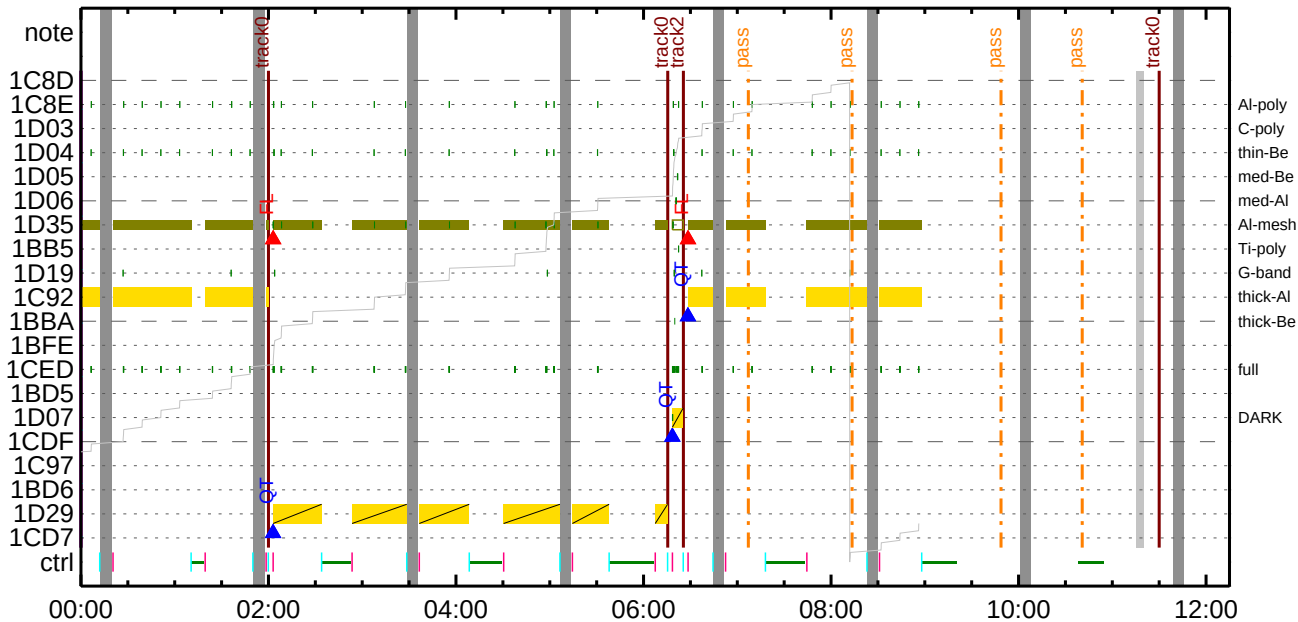
CMDI #0034 2025/12/29



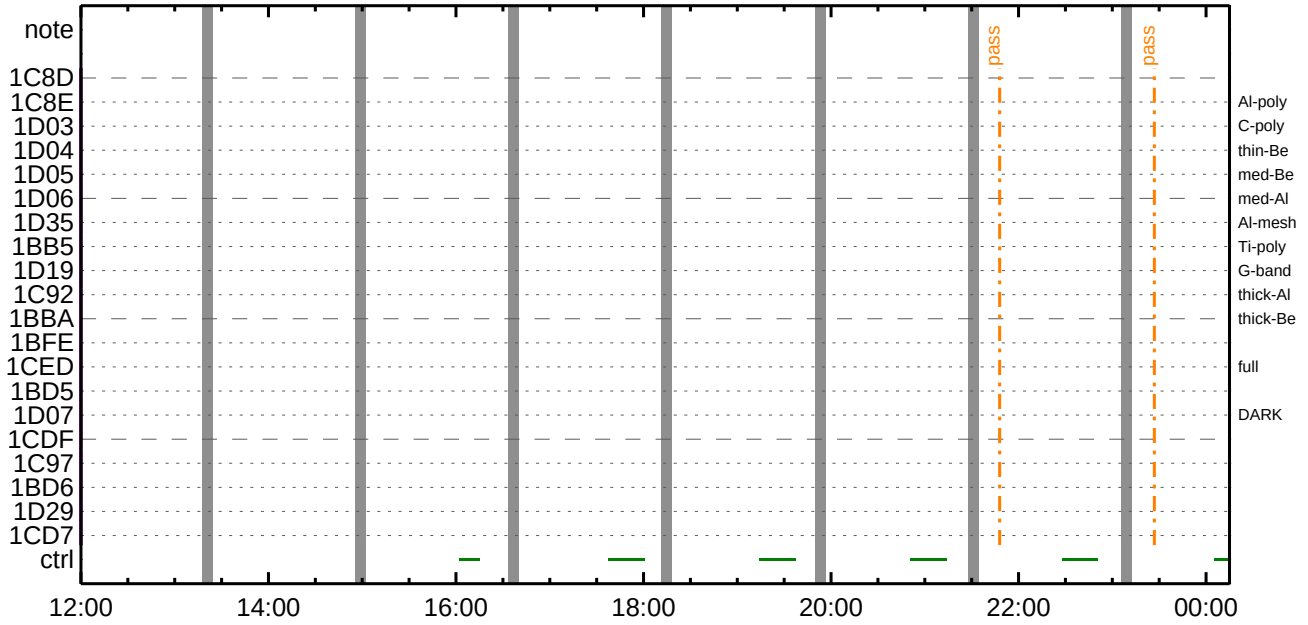
CMDI #0034 2025/12/29



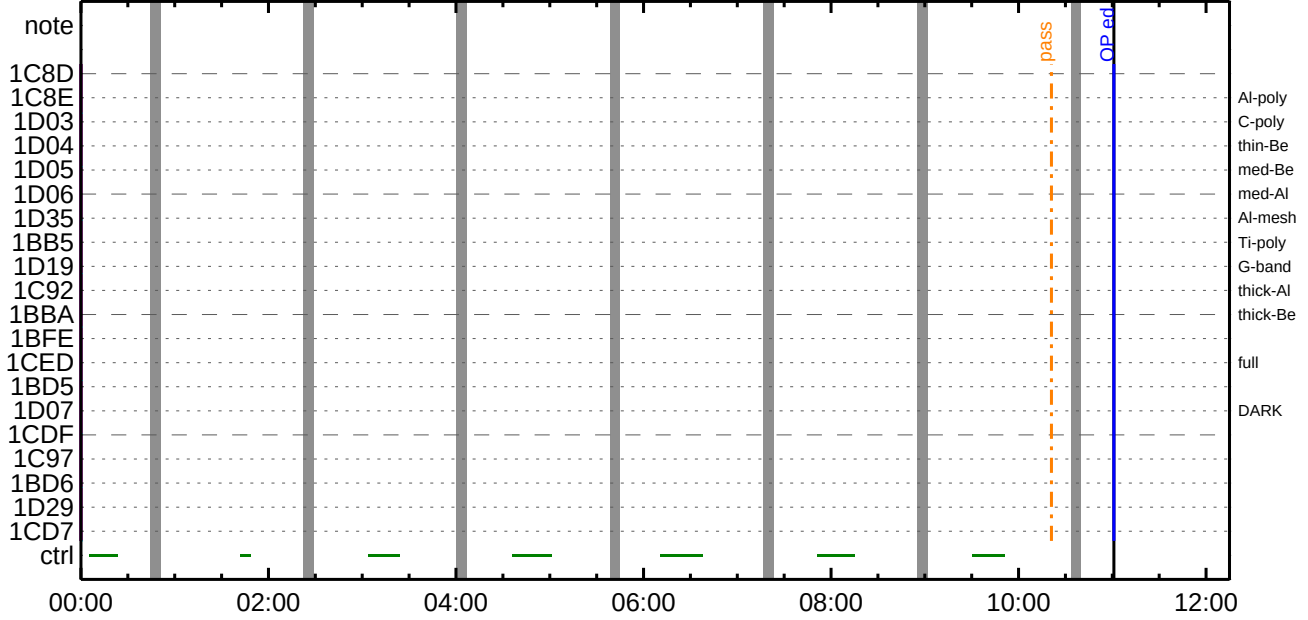
CMDI #0034 2025/12/30



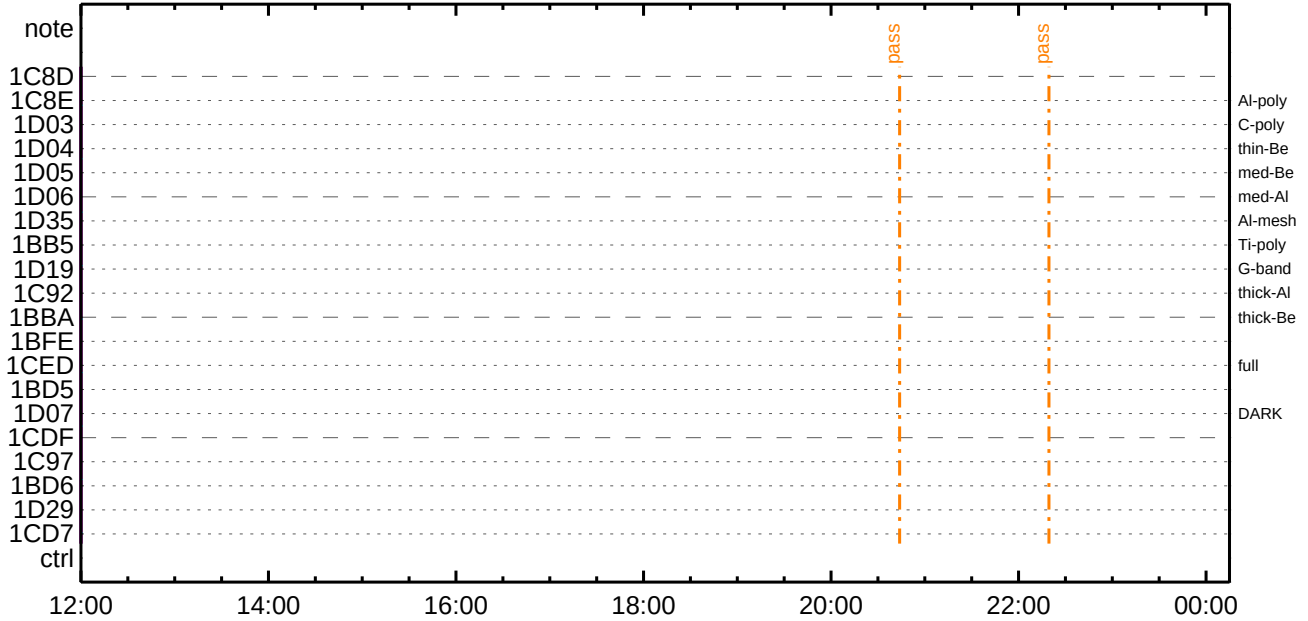
CMDI #0034 2025/12/30



CMDI #0034 2025/12/31



CMDI #0034 2025/12/31



(a) Spacecraft Operation Procedure (real-commands)

```
main-702 2025-12-23 11:42:44 205 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOS¥Á¥$¥Á¥~¼Ä»Ü;ä
0005 C.
0006 C. ¥À¥ß;¼¥³¥Ð¥ó¥ÉÁ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Ë¼¿¼Ä¼•µ°Æ»Í×ÁÇ¼Í¥Ç¥Á¥×¥í;¼¥É;ËËè¼µ•ííË;ËËË¼°Ç®¼•¼¿¼¹Ç¼Í;ÇÀ®,ù¼¹¼è¼µ¼ÇÁ÷¿®¼•¼Ë¼µ¼³¼È;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. OP/OG¥í;¼¥É;|¥Á¥ó¥×
0016 C. *****
0017 C.
0018 . C. ;ãOP/OG¥í;¼¥É;ä
0019 . S. OP op-702:OP
0020 ()
0021 . S. OG og-702:OG
0022 ()
0023 C.
0024 . C. ;ãNMOG&OPíî°è¥Á¥ó¥×;ä
0025 C. NMOG(0x200000-0x207FFF;$ 32 kbyte)
0026 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0027 BC (20 00 7f 01 02)
0028 C. ¢¢[HK1_DMP_TOP_ADRS_1] EQ 40
0029 C. ¢¢[HK1_DMP_TOP_ADRS_0] EQ 0
0030 C. ¢¢[HK1_DMP_BLOCK_NUM] EQ 127
0031 C. ¢¢[HK1_DMP_REPEAT_NUM] EQ 0
0032 C. ¢¢[HK1_DMA_DMP_PIM] EQ DHU
0033 +. DC 01-22 DHU_MODE_CHNG
0034 BC (07 0b f8)
0035 C. ¢¢[HK1_PKT_FORM_NO] EQ 7
0036 C. ¢¢[HK1_PKT_GEN_TIME] EQ 0.25 s
0037 C. ¢¢[HK1_S_TLM_BIT_RATE] EQ 32k
0038 C. ¢¢[HK1_X_TLM_BIT_RATE] EQ 4M
0039 C. ¢¢[HK1_DMP_CHK_FLG] EQ EXEC
0040 . C. ¥À¥ó¥×¼°áî»¼³îÇ$
0041 C. ¢¢[HK1_DMP_CHK_FLG] EQ NON
0042 . C. RAM ID=NMOG¼î¾Ë¹Ç•è²îOK¼³îÇ$
0043 C.
0044 C. NMOG(0x208000-0x20FFFF;$ 32 kbyte)
0045 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0046 BC (20 80 7f 01 02)
0047 C. ¢¢[HK1_DMP_TOP_ADRS_1] EQ 41
0048 C. ¢¢[HK1_DMP_TOP_ADRS_0] EQ 0
0049 C. ¢¢[HK1_DMP_BLOCK_NUM] EQ 127
0050 C. ¢¢[HK1_DMP_REPEAT_NUM] EQ 0
0051 C. ¢¢[HK1_DMA_DMP_PIM] EQ DHU
0052 +. DC 01-22 DHU_MODE_CHNG
0053 BC (07 0b f8)
0054 C. ¢¢[HK1_PKT_FORM_NO] EQ 7
0055 C. ¢¢[HK1_PKT_GEN_TIME] EQ 0.25 s
0056 C. ¢¢[HK1_S_TLM_BIT_RATE] EQ 32k
0057 C. ¢¢[HK1_X_TLM_BIT_RATE] EQ 4M
0058 C. ¢¢[HK1_DMP_CHK_FLG] EQ EXEC
0059 . C. ¥À¥ó¥×¼°áî»¼³îÇ$
0060 C. ¢¢[HK1_DMP_CHK_FLG] EQ NON
0061 . C. RAM ID=NMOG¼î¾Ë¹Ç•è²îOK¼³îÇ$
0062 C.
0063 C. NMOG(0x210000-0x2100FF;$ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0064 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0065 BC (21 00 41 01 02)
0066 C. ¢¢[HK1_DMP_TOP_ADRS_1] EQ 42
0067 C. ¢¢[HK1_DMP_TOP_ADRS_0] EQ 0
0068 C. ¢¢[HK1_DMP_BLOCK_NUM] EQ 65
0069 C. ¢¢[HK1_DMP_REPEAT_NUM] EQ 0
0070 C. ¢¢[HK1_DMA_DMP_PIM] EQ DHU
0071 +. DC 01-22 DHU_MODE_CHNG
0072 BC (07 0b f8)
0073 C. ¢¢[HK1_PKT_FORM_NO] EQ 7
0074 C. ¢¢[HK1_PKT_GEN_TIME] EQ 0.25 s
0075 C. ¢¢[HK1_S_TLM_BIT_RATE] EQ 32k
0076 C. ¢¢[HK1_X_TLM_BIT_RATE] EQ 4M
0077 C. ¢¢[HK1_DMP_CHK_FLG] EQ EXEC
0078 . C. ¥À¥ó¥×¼°áî»¼³îÇ$
0079 C. ¢¢[HK1_DMP_CHK_FLG] EQ NON
0080 . C. RAM ID=NMOG, RAM ID=OP¼î¾Ë¹Ç•è²îOK¼³îÇ$
0081 C.
0082 . C. ***** °Ë²¼¼î¾Ë¹Ç¼°¼ËË~¼°Á÷¿® (¾ã¼µ-¥À¥ó¥×¼°è¼Ç¼°ÁÖÃ¼Ç¾°¼µ~¼°è¾¼¹Ç¼Ç¼ã) *****
0083 C. DHU¥ã;¼¥É;Ë¼ý½, ¥í;¼¥É;Ë¼òíá¼¹
0084 +. DC 01-22 DHU_MODE_CHNG
0085 BC (02 0a f8)
0086 C. ¢¢[HK1_PKT_FORM_NO] EQ 2
0087 C. ¢¢[HK1_PKT_GEN_TIME] EQ 0.5S
0088 C. ¢¢[HK1_S_TLM_BIT_RATE] EQ 32K
0089 C. ¢¢[HK1_X_TLM_BIT_RATE] EQ 4M
0090 C.
0091 . C. *****
0092 C. TI-CMD SET (OPOG STOP/COPY/START)
0093 C. *****
0094 C.
0095 . C. NOTICE ;$ OPOG UPLOAD¼¬Á÷¿®NG¼î¾¼¹Ç;Ç°Ë²¼¼î¾Ë¹Ç¼°¼ËË~¼°Á÷¿®¼î¾Ë¹Ç¼°¼Ë¼µ¼³¼È;£
```

0096	C.	SETUP EDUMP			
0097	C.				
0098	C.	TI 2025-12-23 10:48:00.0			
0099	+	TI 2025-12-23 10:48:00.0			
0100	DC	01-B3 DHU_OP_STOP			
0101	C.				
0102	C.				
0103	+	TI 2025-12-23 10:48:01.0			
0104	DC	01-B4 DHU_OP_COPY			
0105	C.				
0106	C.				
0107	+	TI 2025-12-23 10:48:01.0			
0108	DC	01-B5 DHU_OPOG_COPY			
0109	C.				
0110	C.				
0111	+	TI 2025-12-23 10:52:59.5			
0112	DC	01-B2 DHU_OP_START			
0113	C.				
0114	C.				
0115	C.				
0116	C.				
0117	C.				
0118	C.				
0119	C.				
0120	C.				
0121	C.				
0122	C.				
0123	C.				
0124	C.				
0125	C.	TI_TBL (0x03AB00-0x03AEFF;S 1024byte)			
0126	+	DC 01-23 DHU_DMA_DMP_PRM_SET			
0127	BC	(03 ab 03 01 02)			
0128	C.				
0129	C.				
0130	C.				
0131	C.				
0132	C.				
0133	+	DC 01-22 DHU_MODE_CHNG			
0134	BC	(07 0b f8)			
0135	C.				
0136	C.				
0137	C.				
0138	C.				
0139	C.				
0140	C.				
0141	C.				
0142	C.				
0143	C.				
0144	C.	RAM ID=TI_TBL			
0145	C.				
0146	C.				
0147	+	DC 01-22 DHU_MODE_CHNG			
0148	BC	(02 0a f8)			
0149	C.				
0150	C.				
0151	C.				
0152	C.				
0153	C.				
0154	C.				
0155	C.	SOT TI command set			
0156	C.				
0157	C.	Execute, after the success of OP upload.			
0158	+	TI 2025-12-23 10:52:16.0			
0159	DC	07-F0 MDP_SOT_MODE_STBY			
0160	BC	(41)			
0161	C.				
0162	C.				
0163	C.				
0164	C.				
0165	C.	Stop EIS observation and temporarily disable EIS mode changes			
0166	C.				
0167	C.				
0168	C.				
0169	C.				
0170	C.	Set EIS TI-commands			
0171	+	TI 2025-12-23 10:52:30.0			
0172	DC	07-FC EIS_MODE_MANU			
0173	BC	(21 02)			
0174	+	TI 2025-12-23 10:52:40.0			
0175	DC	07-FC EIS_MODE_CHG_DIS			
0176	BC	(22)			
0177	C.				
0178	C.				
0179	C.				
0180	C.				
0181	C.				
0182	C.				
0183	C.				
0184	+	TI 2025-12-23 10:52:00.0			
0185	DC	07-F0 MDP_XRT_MODE_STBY			
0186	BC	(c3)			
0187	C.				
0188	C.				
0189	C.				
0190	C.				
0191	C.				
0192	C.				
0193	S.	DC-BC dcbc-402:DCBC			

```
0194      (MDP_known_event)
0195      C.
0196      C.
0197      . C. ***** ¥ÐŸ¹•Ï Daily±¿ÍÑ¤Ë'Ø¤¹¤ěDCBC•x²è *****
0198      . S. DC-BC dcbc-153:DCBC
0199      (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0200      C.
0201      C.
0202      . C. ;ãLOS¥Á¥$¥Ã¥~¼Â»Ü;ä
0203      C.
0204      . C. ***** LOS *****
0205      C.
```

```
main-703 2025-12-23 11:42:44 178 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŲÁŲ$ŲÃŲ~¼Ä»Ü;ä
0005 C.
0006 C. ŲÄŲß;¼Ų³ŲÐŲóŲÉÄ÷ç®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Äí;ËñçðÀñ•µ°E»Í×ÅÇñÎŲÇŲÃŲ×Ųí;¼ŲÉ;ËËè²µ•íîÊ;ËÈ¼°ÇÖñ•ñç¼¹¹Çñİ;ÇÀ®,ùñ¹ñèñÞñÇÄ÷ç®ñ•ñÈñññ³ñÈ;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÄ÷ç®µ;ON
0016 C. *****
0017 C. °EÄ,Í×ÈÝñäLOSñÞñÇñÎ»Þ'Öòò¹íî,ñ•;ÇÉÖÍ×ñÈXÄÓONñİ¹ÖñÈñíñÈñññ³ñÈ;£
0018 C.
0019 +. DC 03-B4 TCIA_XPA_ON/HI
0020 M. WAIT_SEC 1
0021 + DC 03-84 TCIA_XMOD_ON
0022 M. WAIT_SEC 1
0023 + DC 03-95 TCIA_XMOD_QPSK
0024 C. ÇÇ[HK1_XPA_ON/OFF] EQ ON
0025 C. ÇÇ[HK1_XPA_PWR_HI/LO] EQ HI
0026 C. ÇÇ[HK1_XMOD_ON/OFF] EQ ON
0027 C. ÇÇ[HK1_XMOD_QPSK/PM] EQ QPSK
0028 C.
0029 . C. XŲÐŲóŲÉŲíŲÃŲ~¾ÔÄÖñ¬°ÄÄèñ•ñççé;Ç°Ê²¼ñî°EÄ,¼è½Çñò¼Ä¹Öñ¹ñè;£
0030 C.
0031 . C. *****
0032 C. DR PT1 Äî¼í°EÄ,
0033 C. *****
0034 C. ° RESTART;ÊPT1;Ëñ•ñçç¼¹¹Çñİ;Ç°Ê²¼ñî¼Ä¹Öñññ°;ÇDCBC-150ñØçÊñà;£
0035 C.
0036 . C. ;ãPT1°EÄ,³«»î;ä
0037 +. DC 01-29 DHU_S/X_VC4_OFF
0038 + DC 06-C8 DR_PT1_REP_SEL
0039 BC (01 00)
0040 + DC 06-B3 DR_REP_START
0041 + DC 01-32 DHU_X_VC4_ON
0042 C. ÇÇ[HK1_REP_PT_1/2] EQ PT1 (¼Ä¹Ö,;¼Ü)
0043 C. ÇÇ[HK1_REP_STA/STP] EQ START (¼Ä¹Ö,;¼Ü)
0044 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö,;¼Ü)
0045 C.
0046 . C. ;ãŲÇŲóŲEŲEŲÄÚÂØ;ÊÄ•Ä°²öÈò;Ë,ãñî°EÄ,°E³«;ä
0047 +. DC 06-B3 DR_REP_START
0048 + DC 01-32 DHU_X_VC4_ON
0049 C. ÇÇ[HK1_REP_PT_1/2] EQ PT1 (¼Ä¹Ö,;¼Ü)
0050 C. ÇÇ[HK1_REP_STA/STP] EQ START (¼Ä¹Ö,;¼Ü)
0051 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö,;¼Ü)
0052 C.
0053 C.
0054 . C. PT1°EÄ,ñ¬¼«E°Ää»ßñ•ñçç,ã;Ç°Ê²¼ñò¼Ä¹Öñ¹ñè;£
0055 C. ŲÇŲóŲEŲEŲÄÚÂØñäÄ•Ä°²öÈòñ¬¼áñç¼¹¹Çñİ'°î»ñ¹ñèñÞñÇÄÖñÄ;£
0056 C.
0057 . C. *****
0058 C. DR PT2 Äî¼í°EÄ,
0059 C. *****
0060 C. ° RESTART;ÊPT2;Ëñ•ñçç¼¹¹Çñİ;Ç°Ê²¼ñî¼Ä¹Öñññ°;ÇDCBC-151ñØçÊñà;£
0061 C.
0062 . C. ;ãPT2°EÄ,³«»î;ä
0063 +. DC 01-29 DHU_S/X_VC4_OFF
0064 + DC 06-C8 DR_PT2_REP_SEL
0065 BC (02 00)
0066 + DC 06-B3 DR_REP_START
0067 + DC 01-32 DHU_X_VC4_ON
0068 C. ÇÇ[HK1_REP_PT_1/2] EQ PT2 (¼Ä¹Ö,;¼Ü)
0069 C. ÇÇ[HK1_REP_STA/STP] EQ START (¼Ä¹Ö,;¼Ü)
0070 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö,;¼Ü)
0071 C.
0072 . C. ;ãŲÇŲóŲEŲEŲÄÚÂØ;ÊÄ•Ä°²öÈò;Ë,ãñî°EÄ,°E³«;ä
0073 +. DC 06-B3 DR_REP_START
0074 + DC 01-32 DHU_X_VC4_ON
0075 C. ÇÇ[HK1_REP_PT_1/2] EQ PT2 (¼Ä¹Ö,;¼Ü)
0076 C. ÇÇ[HK1_REP_STA/STP] EQ START (¼Ä¹Ö,;¼Ü)
0077 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö,;¼Ü)
0078 C.
0079 . C. *****
0080 C. DR°EÄ,Ää»ß;ÇXÄ÷ç®µ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°EÄ,Ää»ß;ä
0084 +. DC 06-B4 DR_REP_STOP
0085 + DC 01-29 DHU_S/X_VC4_OFF
0086 C. ÇÇ[HK1_REP_STA/STP] EQ STOP
0087 C. ÇÇ[HK1_S_VC4_ON/OFF] EQ OFF
0088 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ OFF
0089 C.
0090 . C. ;ãXÄ÷ç®µ;OFF;ä
0091 +. DC 03-85 TCIA_XMOD_OFF
0092 M. WAIT_SEC 1
0093 + DC 03-B5 TCIA_XPA_OFF
0094 C. ÇÇ[HK1_XMOD_ON/OFF] EQ OFF
0095 C. ÇÇ[HK1 XPA ON/OFF] EO OFF
```

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0096 C.
0097 C.
0098 . C. ***** AOCS Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ()
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCS Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCSDUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 C.
0129 . C. ***** AOCS Commands (Orbital Element Update) *****
0130 C. Update the orbital element
0131 +. DC 02-50 AOCU_ORB_PRPGT_START
0132 BC (16)
0133 +. DC 02-8E AOCU_ORB_UPD
0134 C.
0135 C. <A_ORB>[ORBIT] EPC = 2574936.9 +- 1.0 (s) [ ]
0136 C.
0137 C.
0138 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0139 +. DC 07-FC EIS_MODE_CHG_ENA
0140 BC (20)
0141 . C. Verify EIS_MODE_CHG_FLG is ENA
0142 +. DC 07-FC EIS_MODE_MANU
0143 BC (21 02)
0144 . C. Verify EIS in MANUAL mode
0145 . C. Estimated OBSTBL upload time is 1m6s
0146 C. *****
0147 C. EIS START OBSTBL LOAD
0148 C. *****
0149 . S. RAM ram-820:EIS_OBSTBL
0150 ()
0151 +. DC 07-FC EIS_DUMP_OBSTBL
0152 BC (07 07 07 00 00 70 00)
0153 C.
0154 C. Execute, after the success of OBSTBL upload.
0155 C. Set EIS TI-commands
0156 +. TI 2025-12-23 10:52:50.0
0157 DC 07-FC EIS_MODE_CHG_ENA
0158 BC (20)
0159 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0160 C. *****
0161 C. EIS END OBSTBL LOAD
0162 C. *****
0163 C.
0164 . C. ***** MDP 'ûÃîî»ö¼ÝñÊÄñ¹ñëDCBC•×²è *****
0165 C. (¾å°î¥Ó¥Å¥Ê¥Ð¥Ê¥Å¥Ç¥ÊñÊ¼¾ñ¼Å»Û¹ñë)
0166 . S. DC-BC dcbc-402:DCBC
0167 (MDP_known_event)
0168 C.
0169 C.
0170 . C. ***** ¥Ð¥¹•İ Daily±¿ÍÑñÊ'Øñ¹ñëDCBC•×²è *****
0171 . S. DC-BC dcbc-153:DCBC
0172 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0173 C.
0174 C.
0175 . C. ;ãLOS¥Á¥S¥Ã¥¹¼Å»Û;ä
0176 C.
0177 . C. ***** LOS *****
0178 C.

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```
main-704 2025-12-23 11:42:44 140 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŲÁŲSŲÃŲ~¼Â»Ü;ä
0005 C.
0006 C. ŲÀŲß;¼Ų³ŲÐŲóŲÉÁ÷ç®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Āī;Ĕ⊂⊃Aα•μ°E»İ×AÇ⊃İŲçŲŲŲ×Ųī;¼ŲĒ;ĒĒè½μ•īĪĒ;Ē⊃Ē¼°CÔ⊃•⊃ç¼ı¹ç⊃İ;çÀ®,ù⊃¹⊃Ĕ⊃⊃⊃çĀ÷ç®•⊃Ē⊃⊃⊃⊃⊃Ē;Ē;Ē
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. SOT table upload
0016 C. *****
0017 . C. < Stop SP table >
0018 +. DC 07-F0 MDP_SP_CTRL_MANU
0019 BC (61)
0020 C. -----
0021 C. MDP_SP_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload SP Observation Table>
0025 . S. RAM ram-289:MDP_OBS_S
0026 ()
0027 C.
0028 . C. < Dump RAMID=MDP_OBS_S >
0029 +. DC 07-F0 MDP_DUMP_SPTBL
0030 BC (83 07 00 00 00 38 b8)
0031 C. -----
0032 C. MDP_OBS_S verify = OK/NG [ ]
0033 C. -----
0034 C.
0035 C. *****
0036 C. SOT TI command set
0037 C. *****
0038 C. Execute, after the success of TBL upload.
0039 +. TI 2025-12-23 10:52:18.0
0040 DC 07-F0 MDP_SOT_MODE_OBSV
0041 BC (40)
0042 . C. -----
0043 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0044 C. -----
0045 C.
0046 C.
0047 C. ***** XRT START *****
0048 C.
0049 +. DC 07-F0 MDP_XRT_CTRL_MANU
0050 BC (c1)
0051 +. DC 07-F0 MDP_XRT_CTRL_MANU
0052 BC (c1)
0053 +. DC 07-F0 MDP_XRT_MODE_STBY
0054 BC (c3)
0055 . C. ----- Success Verify ? OK / NG_____
0056 C.
0057 C. XRT Obs. Table Upload
0058 . S. RAM ram-291:MDP_OBS_X
0059 ()
0060 C.
0061 +. DC 07-F0 MDP_DUMP_XRTTBL
0062 BC (84 07 00 00 00 3a d4)
0063 . C. ----- Comparison Check ? OK / ERR _____
0064 C.
0065 C.
0066 +. DC 07-F0 MDP_XRT_ROI_SET
0067 BC (cd 01 b1 b1 04 04)
0068 +. DC 07-F0 MDP_XRT_ROI_SET
0069 BC (cd 02 b1 b1 08 08)
0070 +. DC 07-F0 MDP_XRT_ROI_SET
0071 BC (cd 03 b1 b1 08 08)
0072 +. DC 07-F0 MDP_XRT_ROI_SET
0073 BC (cd 04 b1 b1 06 06)
0074 +. DC 07-F0 MDP_XRT_ROI_SET
0075 BC (cd 05 85 83 06 06)
0076 +. DC 07-F0 MDP_XRT_ROI_SET
0077 BC (cd 06 80 80 20 20)
0078 +. DC 07-F0 MDP_XRT_ROI_SET
0079 BC (cd 07 80 80 20 08)
0080 +. DC 07-F0 MDP_XRT_ROI_SET
0081 BC (cd 08 80 80 08 20)
0082 +. DC 07-F0 MDP_XRT_ROI_SET
0083 BC (cd 09 c0 c0 10 10)
0084 +. DC 07-F0 MDP_XRT_ROI_SET
0085 BC (cd 0a 40 c0 10 10)
0086 +. DC 07-F0 MDP_XRT_ROI_SET
0087 BC (cd 0b 40 40 10 10)
0088 +. DC 07-F0 MDP_XRT_ROI_SET
0089 BC (cd 0c c0 40 10 10)
0090 +. DC 07-F0 MDP_XRT_ROI_SET
0091 BC (cd 0d 80 80 08 08)
0092 +. DC 07-F0 MDP_XRT_ROI_SET
0093 BC (cd 0e 85 83 06 06)
0094 +. DC 07-F0 MDP_XRT_ROI_SET
0095 BC (cd 0f 80 80 06 06)
```

```
0096 + DC 07-F0 MDP_XRT_ROI_SET
0097 BC (cd 10 80 80 08 08)
0098 + DC 07-F0 MDP_XRT_FLD_ENA
0099 BC (d8)
0100 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0101 BC (c8)
0102 + DC 07-F0 MDP_XRT_ARS_DIS
0103 BC (d5)
0104 + DC 07-F0 MDP_XRT_AEC_RESET
0105 BC (d0)
0106 + DC 07-F0 MDP_XRT_FLD_RESET
0107 BC (da)
0108 + DC 07-F0 MDP_XRT_QT_PROG_SET
0109 BC (c4 06)
0110 + DC 07-F0 MDP_XRT_FL_PROG_SET
0111 BC (c5 0e)
0112 . C. ----- Success Verify ? OK / NG ____
0113 C.
0114 C.
0115 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0116 C.
0117 + DC 07-F0 MDP_XRT_MODE_OBSV
0118 BC (c2)
0119 + TI 2025-12-23 10:52:02.0
0120 DC 07-F0 MDP_XRT_MODE_OBSV
0121 BC (c2)
0122 . C. ----- Success Verify ? OK / NG ____
0123 C.
0124 C. ***** XRT END *****
0125 C.
0126 . C. ***** MDP 'ûÃîñî»ö¼ÝñÊÂÐñ¹ñðDCBC•x²è *****
0127 C. (¾å°îÿÓÿÃÿËÿÐÿËÿÿâÿçÿðñÊ¼¾ñ¼Ã»Ûñ¹ñð)
0128 . S. DC-BC dcbc-402:DCBC
0129 (MDP_known_event)
0130 C.
0131 C.
0132 . C. ***** ¥Ðÿ¹•Ï Daily±¿ÍÑñÊ'Øñ¹ñðDCBC•x²è *****
0133 . S. DC-BC dcbc-153:DCBC
0134 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0135 C.
0136 C.
0137 . C. ;ãLOS¥Á¥$¥Ã¥~¼Ã»Û;ä
0138 C.
0139 . C. ***** LOS *****
0140 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-705 2025-12-23 11:42:44 29 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŸÁŸSŸÃŸ~¼Ã»Û;ä
0005 C.
0006 C. ŸÀŸß;¼Ÿ³ŸÐŸóŸÉÁ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOS : Reload orbital element (send every contact) *****
0010 C.  Ãí;Ë±¿±Ã±•µ°£»Í×ÃÇ±ÎŸÇŸÃŸ×Ÿí;¼ŸÉ;ËËè½µ•íÍË;Ë±Ë¼°ÇÔ±•±¿¼ì¹Ç±Ì;ÇÀ®, ù±¹±è±Ð±ÇÁ÷¿®±•±Ê±±±³±È;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 . C. ***** MDP ´ûÃÎ±Î»ö¾Ý±ËÃÐ±¹±èDCBC•×²è *****
0016 C. (¾å°îŸÓŸÃŸËŸÐŸËŸÃŸÇŸË±ËË¾¾¾¾¾¾»Û±¹±è)
0017 . S. DC-BC dcbc-402:DCBC
0018 (MDP_known_event)
0019 C.
0020 C.
0021 . C. ***** ŸÐŸ¹•Ï Daily±¿ÍÑ±Ë´Ø±¹±èDCBC•×²è *****
0022 . S. DC-BC dcbc-153:DCBC
0023 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0024 C.
0025 C.
0026 . C. ;ãLOSŸÁŸSŸÃŸ~¼Ã»Û;ä
0027 C.
0028 . C. ***** LOS *****
0029 C.
```

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*** OP Sequence for XRT ***

2025/12/23	11:03:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01	03	74	01	db
2025/12/23	18:04:30.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00
2025/12/23	18:14:30.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01	03	74	01	db
2025/12/24	06:32:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/12/24	06:32:02.0	XRT_TCIB_XRT_S_HTR_A_DIS_445_OG [0x1bd]							
		TCIB_XRT_S_HTR_A_DIS	0	04-C0					
2025/12/24	11:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/12/24	11:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/12/24	11:59:58.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2025/12/24	12:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	33	c6	33	c6
2025/12/24	12:02:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/12/24	12:02:54.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2025/12/24	12:02:56.0	XRT_FLD_DIS_432_OG [0x1b0]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2025/12/24	12:02:58.0	XRT_QT_PROG_SET_437_OG [0x1b5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	12			
2025/12/24	12:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/12/24	12:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/12/24	12:09:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/12/24	12:09:58.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2025/12/24	12:10:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00	2e	f9	d1	07
2025/12/24	12:12:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/12/24	12:12:54.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2025/12/24	12:12:56.0	XRT_FLD_DIS_432_OG [0x1b0]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2025/12/24	12:12:58.0	XRT_QT_PROG_SET_433_OG [0x1b1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	11			
2025/12/24	12:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/12/24	12:19:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/12/24	12:19:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/12/24	12:19:58.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2025/12/24	12:20:00.0	AOCS_ORe-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00	d1	07	d1	07
2025/12/24	12:22:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/12/24	12:22:54.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2025/12/24	12:22:56.0	XRT_FLD_DIS_432_OG [0x1b0]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2025/12/24	12:22:58.0	XRT_QT_PROG_SET_446_OG [0x1be]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	10			
2025/12/24	12:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/12/24	12:29:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/12/24	12:29:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/12/24	12:29:58.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2025/12/24	12:30:00.0	AOCS_ORe-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00	d1	07	2e	f9
2025/12/24	12:32:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/12/24	12:32:54.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2025/12/24	12:32:56.0	XRT_FLD_DIS_432_OG [0x1b0]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2025/12/24	12:32:58.0	XRT_QT_PROG_SET_441_OG [0x1b9]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f			
2025/12/24	12:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/12/24	12:39:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/12/24	12:39:56.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2025/12/24	12:40:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00
2025/12/24	12:40:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2025/12/24	12:40:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							

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2025/12/24	12:40:20.0	XRT_ARS_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2025/12/24	12:42:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/12/24	12:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06
2025/12/24	12:49:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/12/24	12:49:56.0	XRT_ROI_A_429_OG [0x1ad]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
			MDP_XRT_ROI_SET	6	07-F0	cd	05 85 83 06 06
			MDP_XRT_ROI_SET	6	07-F0	cd	06 80 80 20 20
			MDP_XRT_ROI_SET	6	07-F0	cd	07 80 80 20 08
			MDP_XRT_ROI_SET	6	07-F0	cd	08 80 80 08 20
			MDP_XRT_ROI_SET	6	07-F0	cd	09 80 60 20 18
			MDP_XRT_ROI_SET	6	07-F0	cd	0a a0 80 18 20
			MDP_XRT_ROI_SET	6	07-F0	cd	0b 85 83 08 08
			MDP_XRT_ROI_SET	6	07-F0	cd	0d 80 80 08 08
2025/12/24	12:49:56.5	XRT_ROI_B_443_OG [0x1bb]	MDP_XRT_ROI_SET	6	07-F0	cd	0d 80 80 08 08
			MDP_XRT_ROI_SET	6	07-F0	cd	0e 85 83 06 06
			MDP_XRT_ROI_SET	6	07-F0	cd	0f 80 80 06 06
			MDP_XRT_ROI_SET	6	07-F0	cd	10 80 80 08 08
2025/12/24	12:50:00.0	AOCs_ORe-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00	b6 a8 01 db
2025/12/24	12:50:01.5	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2025/12/24	12:50:21.5	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2025/12/24	12:50:23.5	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2025/12/24	12:50:25.5	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2025/12/24	12:50:27.5	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/12/24	12:50:29.5	XRT_FLD_RESET_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/12/24	12:53:01.5	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b
2025/12/24	12:53:03.5	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2025/12/24	12:53:06.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/12/24	13:20:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/12/24	13:20:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/12/24	13:20:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/12/24	13:23:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/12/24	13:30:00.0	XRT_Custom_430_OG [0x1ae]					
2025/12/24	13:31:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/12/24	14:58:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/12/24	14:58:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/12/24	14:58:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/12/24	15:01:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/12/24	15:08:00.0	XRT_Custom_430_OG [0x1ae]					
2025/12/24	15:09:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/12/24	15:49:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/12/24	15:49:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2025/12/24	15:50:00.0	AOCs_ORe-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	02	03 74 01 db
2025/12/24	15:50:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2025/12/24	15:50:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2025/12/24	15:50:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2025/12/24	15:50:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/12/24	15:50:24.0	XRT_FLD_RESET_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/12/24	15:52:56.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01
2025/12/24	15:52:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2025/12/24	15:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/12/24	16:06:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/12/24	16:06:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/12/24	16:06:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	

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2025/12/24	16:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/24	16:19:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/24	16:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/24	16:28:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/24	16:28:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/24	16:28:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/24	16:29:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/24	16:30:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/24	16:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/24	16:36:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/24	16:36:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/24	16:36:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/24	16:39:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/24	16:46:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/24	16:47:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/24	17:41:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/24	17:41:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/24	17:41:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/24	17:44:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/24	18:05:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/24	18:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/24	18:14:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/24	18:14:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/24	18:14:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/24	18:17:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/24	18:24:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/24	18:25:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/24	18:35:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/24	18:35:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/12/24	18:36:00.0	AOCs_Ore-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/12/24	18:36:16.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2025/12/24	18:36:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/12/24	18:36:20.0	XRT_ARS_DIS_425_OG [0x1a9]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/12/24	18:38:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2025/12/24	18:39:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/24	18:45:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/24	18:45:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/24	18:45:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/12/24	18:46:00.0	AOCs_Ore-point_Start_9_OG [0x09f]			
		AOCU_NM	5	02-76	00 ad 59 00 00
2025/12/24	18:46:18.0	XRT_FLD_DIS_420_OG [0x1a4]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2025/12/24	19:00:54.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/12/24	19:00:56.0	XRT_ARS_DIS_427_OG [0x1ab]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/12/24	19:00:58.0	XRT_QT_PROG_SET_438_OG [0x1b6]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14
2025/12/24	19:01:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/24	20:45:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/24	20:45:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/24	20:45:58.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/12/24	20:46:00.0	AOCs_Ore-point_Start_10_OG [0x0a0]			
		AOCU_NM	5	02-76	00 00 00 56 35
2025/12/24	20:46:18.0	XRT_FLD_DIS_420_OG [0x1a4]			
		MDP_XRT_FLD_DIS	1	07-F0	d9

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2025/12/24	21:00:54.0	XRT_ARS_DIS_427_OG [0x1ab]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/12/24	21:00:56.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/12/24	21:00:58.0	XRT_QT_PROG_SET_405_OG [0x195]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13
2025/12/24	21:01:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/24	22:45:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/24	22:45:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/12/24	22:46:00.0	AOCS_ORe-point_Start_8_OG [0x09e]			
		AOCU_NM	5	02-76	02 03 74 01 db
2025/12/24	22:46:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/12/24	22:46:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/12/24	22:46:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/12/24	22:46:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/12/24	22:46:24.0	XRT_FLD_RESET_410_OG [0x19a]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/24	22:48:56.0	XRT_QT_PROG_SET_401_OG [0x191]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2025/12/24	22:48:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/12/24	22:55:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/24	22:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/24	23:09:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/24	23:09:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/24	23:09:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/24	23:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/24	23:18:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/24	23:19:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/25	00:09:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/25	00:09:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/25	00:09:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/25	00:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/25	00:27:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/25	00:28:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/25	00:47:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/25	00:47:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/25	00:47:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/25	00:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/25	00:57:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/25	00:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/25	01:46:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/25	01:46:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/25	01:46:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/25	01:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/25	01:53:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/25	01:54:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/25	02:09:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/25	02:09:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/12/25	02:10:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/12/25	02:10:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/12/25	02:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/12/25	02:10:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/12/25	02:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/12/25	02:10:24.0	XRT_FLD_RESET_410_OG [0x19a]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/25	02:12:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02

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2025/12/25	02:12:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]				
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2025/12/25	02:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/12/25	02:25:00.0	XRT_CTRL_MANU_400_OG [0x190]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/12/25	02:25:02.0	XRT_FLD_RESET_415_OG [0x19f]				
		MDP_XRT_FLD_RESET	1	07-F0	da	
2025/12/25	02:25:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]				
		MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/12/25	02:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
		MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/12/25	02:35:00.0	XRT_Custom_430_OG [0x1ae]				
2025/12/25	02:36:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/12/25	03:08:30.0	XRT_CTRL_MANU_400_OG [0x190]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/12/25	03:08:32.0	XRT_FLD_RESET_415_OG [0x19f]				
		MDP_XRT_FLD_RESET	1	07-F0	da	
2025/12/25	03:08:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]				
		MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/12/25	03:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
		MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/12/25	03:28:30.0	XRT_Custom_430_OG [0x1ae]				
2025/12/25	03:29:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/12/25	04:03:30.0	XRT_CTRL_MANU_400_OG [0x190]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/12/25	04:03:32.0	XRT_FLD_RESET_415_OG [0x19f]				
		MDP_XRT_FLD_RESET	1	07-F0	da	
2025/12/25	04:03:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]				
		MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/12/25	04:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
		MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/12/25	04:13:00.0	XRT_Custom_430_OG [0x1ae]				
2025/12/25	04:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/12/25	04:39:00.0	XRT_CTRL_MANU_400_OG [0x190]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/12/25	04:39:02.0	XRT_FLD_RESET_415_OG [0x19f]				
		MDP_XRT_FLD_RESET	1	07-F0	da	
2025/12/25	04:39:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]				
		MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/12/25	04:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
		MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/12/25	05:05:30.0	XRT_Custom_430_OG [0x1ae]				
2025/12/25	05:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/12/25	05:31:24.0	XRT_CTRL_MANU_402_OG [0x192]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/12/25	05:31:26.0	XRT_FOCUS_POSITION_406_OG [0x196]				
		XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2025/12/25	05:31:30.0	AOCs_ORe-point_Start_2_OG [0x098]				
		AOCU_NM	5	02-76	00	00 00 00 00
2025/12/25	05:31:46.0	XRT_FLD_DIS_409_OG [0x199]				
		MDP_XRT_FLD_DIS	1	07-F0	d9	
2025/12/25	05:31:48.0	XRT_FLRCTRL_DIS_413_OG [0x19d]				
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2025/12/25	05:31:50.0	XRT_ARS_DIS_425_OG [0x1a9]				
		MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/12/25	05:34:28.0	XRT_QT_PROG_SET_421_OG [0x1a5]				
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	06
2025/12/25	05:34:30.0	XRT_CTRL_AUTO_408_OG [0x198]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/12/25	05:41:24.0	XRT_CTRL_MANU_402_OG [0x192]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/12/25	05:41:26.0	XRT_FOCUS_POSITION_414_OG [0x19e]				
		XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2025/12/25	05:41:30.0	AOCs_ORe-point_Start_8_OG [0x09e]				
		AOCU_NM	5	02-76	02	03 74 01 db
2025/12/25	05:41:30.5	XRT_CTRL_MANU_400_OG [0x190]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/12/25	05:41:32.5	XRT_FLD_RESET_415_OG [0x19f]				
		MDP_XRT_FLD_RESET	1	07-F0	da	
2025/12/25	05:41:34.5	XRT_PREFLR_STRT_418_OG [0x1a2]				
		MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/12/25	05:41:46.0	XRT_FLD_ENA_411_OG [0x19b]				
		MDP_XRT_FLD_ENA	1	07-F0	d8	
2025/12/25	05:41:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]				
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2025/12/25	05:41:50.0	XRT_AEC_RESET_448_OG [0x1c0]				
		MDP_XRT_AEC_RESET	1	07-F0	d0	
2025/12/25	05:41:52.0	XRT_ARS_DIS_423_OG [0x1a7]				
		MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/12/25	05:41:54.0	XRT_FLD_RESET_410_OG [0x19a]				
		MDP_XRT_FLD_RESET	1	07-F0	da	
2025/12/25	05:44:26.0	XRT_QT_PROG_SET_401_OG [0x191]				
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	01
2025/12/25	05:44:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]				
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2025/12/25	05:44:44.5	XRT_PREFLR_STOP_419_OG [0x1a3]				
		MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/12/25	05:51:00.0	XRT_Custom_430_OG [0x1ae]				

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2025/12/25	05:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/25	06:15:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/25	06:15:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/25	06:15:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/25	06:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/25	06:42:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/25	06:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/25	07:19:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/25	07:19:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/25	07:19:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/25	07:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/25	07:29:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/25	07:30:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/25	07:55:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/25	07:55:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/25	07:55:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/25	07:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/25	08:19:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/25	08:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/25	08:57:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/25	08:57:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/25	08:57:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/25	09:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/25	09:07:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/25	09:08:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/25	09:35:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/25	09:35:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/25	09:35:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/25	09:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/25	09:56:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/25	09:57:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/25	10:36:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/25	10:36:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/25	10:36:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/25	10:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/25	10:45:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/25	10:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/25	11:16:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/25	11:16:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/25	11:16:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/25	11:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/25	11:27:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/25	11:28:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/25	11:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/25	11:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/12/25	12:00:00.0	AOCs_Ore-point_Start_11_OG [0x0a1]			
		AOCU_NM	5	02-76	00 4c fd 01 db
2025/12/25	12:00:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/12/25	12:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/12/25	12:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/12/25	12:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5

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2025/12/25	12:00:24.0	XRT_FLD_RESET_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/12/25	12:02:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b
2025/12/25	12:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2025/12/25	12:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/12/25	12:14:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/12/25	12:14:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/12/25	12:14:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/12/25	12:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/12/25	12:23:30.0	XRT_Custom_430_OG [0x1ae]					
2025/12/25	12:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/12/25	13:52:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/12/25	13:52:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/12/25	13:52:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/12/25	13:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/12/25	14:02:00.0	XRT_Custom_430_OG [0x1ae]					
2025/12/25	14:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/12/25	14:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/12/25	14:59:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2025/12/25	15:00:00.0	AOCs_Or-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	02 03 74 01	db
2025/12/25	15:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2025/12/25	15:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2025/12/25	15:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2025/12/25	15:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/12/25	15:00:24.0	XRT_FLD_RESET_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/12/25	15:02:56.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01
2025/12/25	15:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2025/12/25	15:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/12/25	15:07:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/12/25	15:07:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/12/25	15:07:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/12/25	15:08:30.0	XRT_Custom_430_OG [0x1ae]					
2025/12/25	15:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/12/25	15:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/12/25	15:30:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/12/25	15:30:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/12/25	15:30:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/12/25	15:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/12/25	15:40:00.0	XRT_Custom_430_OG [0x1ae]					
2025/12/25	15:41:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/12/25	16:37:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/12/25	16:37:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/12/25	16:37:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/12/25	16:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/12/25	17:00:30.0	XRT_Custom_430_OG [0x1ae]					
2025/12/25	17:01:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/12/25	17:08:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/12/25	17:08:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/12/25	17:08:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/12/25	17:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	

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2025/12/25	17:18:00.0	XRT_Custom_430_OG [0x1ae]		
2025/12/25	17:19:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/25	17:48:54.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/25	17:48:56.0	XRT_FOCUS_POSITION_406_OG [0x196]		
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2025/12/25	17:49:00.0	AOCS_ORe-point_Start_2_OG [0x098]		
		AOCU_NM	5	02-76 00 00 00 00 00
2025/12/25	17:49:16.0	XRT_FLD_DIS_409_OG [0x199]		
		MDP_XRT_FLD_DIS	1	07-F0 d9
2025/12/25	17:49:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]		
		MDP_XRT_FLRCTRL_DIS	1	07-F0 c9
2025/12/25	17:49:20.0	XRT_ARS_DIS_425_OG [0x1a9]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2025/12/25	17:51:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 06
2025/12/25	17:52:00.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/25	17:58:54.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/25	17:58:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]		
		XRT_FOCUS_POSITION	4	07-F8 22 fe 97 00
2025/12/25	17:59:00.0	AOCS_ORe-point_Start_8_OG [0x09e]		
		AOCU_NM	5	02-76 02 03 74 01 db
2025/12/25	17:59:16.0	XRT_FLD_ENA_411_OG [0x19b]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2025/12/25	17:59:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2025/12/25	17:59:20.0	XRT_AEC_RESET_448_OG [0x1c0]		
		MDP_XRT_AEC_RESET	1	07-F0 d0
2025/12/25	17:59:22.0	XRT_ARS_DIS_423_OG [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2025/12/25	17:59:24.0	XRT_FLD_RESET_410_OG [0x19a]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/25	18:01:56.0	XRT_QT_PROG_SET_401_OG [0x191]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 01
2025/12/25	18:01:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0e
2025/12/25	18:02:00.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/25	18:13:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/25	18:13:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/25	18:13:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/12/25	18:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/12/25	18:37:00.0	XRT_Custom_430_OG [0x1ae]		
2025/12/25	18:38:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/25	18:46:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/25	18:46:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/25	18:46:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/12/25	18:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/12/25	18:56:00.0	XRT_Custom_430_OG [0x1ae]		
2025/12/25	18:57:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/25	19:50:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/25	19:50:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/25	19:50:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/12/25	19:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/12/25	20:13:30.0	XRT_Custom_430_OG [0x1ae]		
2025/12/25	20:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/25	20:25:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/25	20:25:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/25	20:25:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/12/25	20:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/12/25	20:34:00.0	XRT_Custom_430_OG [0x1ae]		
2025/12/25	20:35:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/25	21:27:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/25	21:27:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/25	21:27:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/12/25	21:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9

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2025/12/25	21:50:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/25	21:51:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/25	22:03:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/25	22:03:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/25	22:03:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/25	22:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/25	22:12:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/25	22:13:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/25	23:04:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/25	23:04:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/25	23:04:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/25	23:07:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/25	23:26:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/25	23:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/25	23:41:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/25	23:41:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/25	23:41:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/25	23:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/25	23:50:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/25	23:51:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/26	00:41:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/26	00:41:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/26	00:41:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/26	00:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/26	00:52:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/26	00:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/26	01:19:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/26	01:19:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/26	01:19:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/26	01:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/26	01:28:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/26	01:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/26	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/26	01:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/12/26	02:00:00.0	AOCs_Ore-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/12/26	02:00:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/12/26	02:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/12/26	02:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/12/26	02:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/12/26	02:00:24.0	XRT_FLD_RESET_410_OG [0x19a]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/26	02:02:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2025/12/26	02:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/12/26	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/26	02:07:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/26	02:07:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/26	02:07:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/26	02:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/26	02:24:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/26	02:25:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/26	02:57:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1

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2025/12/26	02:57:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2025/12/26	02:57:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2025/12/26	03:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2025/12/26	03:06:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/26	03:07:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2025/12/26	03:39:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2025/12/26	03:39:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2025/12/26	03:39:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2025/12/26	03:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2025/12/26	04:00:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/26	04:01:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2025/12/26	04:35:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2025/12/26	04:35:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2025/12/26	04:35:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2025/12/26	04:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2025/12/26	04:45:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/26	04:46:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2025/12/26	05:08:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2025/12/26	05:08:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2025/12/26	05:08:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2025/12/26	05:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2025/12/26	05:37:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/26	05:38:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2025/12/26	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2025/12/26	05:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	4	07-F8	22 ff aa 00
		XRT_FOCUS_POSITION			
2025/12/26	06:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	5	02-76	00 00 00 00 00
		AOCU_NM			
2025/12/26	06:00:16.0	XRT_FLD_DIS_409_OG [0x199]	1	07-F0	d9
		MDP_XRT_FLD_DIS			
2025/12/26	06:00:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	1	07-F0	c9
		MDP_XRT_FLRCTRL_DIS			
2025/12/26	06:00:20.0	XRT_ARS_DIS_425_OG [0x1a9]	1	07-F0	d5
		MDP_XRT_ARS_DIS			
2025/12/26	06:02:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	2	07-F0	c4 06
		MDP_XRT_QT_PROG_SET			
2025/12/26	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2025/12/26	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2025/12/26	06:09:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]	4	07-F8	22 fe 97 00
		XRT_FOCUS_POSITION			
2025/12/26	06:10:00.0	AOCS_ORe-point_Start_8_OG [0x09e]	5	02-76	02 03 74 01 db
		AOCU_NM			
2025/12/26	06:10:16.0	XRT_FLD_ENA_411_OG [0x19b]	1	07-F0	d8
		MDP_XRT_FLD_ENA			
2025/12/26	06:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	1	07-F0	c8
		MDP_XRT_FLRCTRL_ENA			
2025/12/26	06:10:20.0	XRT_AEC_RESET_448_OG [0x1c0]	1	07-F0	d0
		MDP_XRT_AEC_RESET			
2025/12/26	06:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]	1	07-F0	d5
		MDP_XRT_ARS_DIS			
2025/12/26	06:10:24.0	XRT_FLD_RESET_410_OG [0x19a]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2025/12/26	06:12:56.0	XRT_QT_PROG_SET_401_OG [0x191]	2	07-F0	c4 01
		MDP_XRT_QT_PROG_SET			
2025/12/26	06:12:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	2	07-F0	c5 0e
		MDP_XRT_FL_PROG_SET			
2025/12/26	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2025/12/26	06:13:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2025/12/26	06:13:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2025/12/26	06:13:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2025/12/26	06:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2025/12/26	06:23:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/26	06:24:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2025/12/26	06:48:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			

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2025/12/26	06:48:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2025/12/26	06:48:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2025/12/26	06:51:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2025/12/26	07:14:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/26	07:15:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2025/12/26	07:52:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2025/12/26	07:52:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2025/12/26	07:52:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2025/12/26	07:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2025/12/26	08:01:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/26	08:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2025/12/26	08:28:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2025/12/26	08:28:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2025/12/26	08:28:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2025/12/26	08:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2025/12/26	08:51:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/26	08:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2025/12/26	09:30:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2025/12/26	09:30:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2025/12/26	09:30:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2025/12/26	09:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2025/12/26	09:39:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/26	09:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2025/12/26	10:07:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2025/12/26	10:07:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2025/12/26	10:07:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2025/12/26	10:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2025/12/26	10:26:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/26	10:27:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2025/12/26	11:08:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2025/12/26	11:08:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2025/12/26	11:08:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2025/12/26	11:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2025/12/26	11:17:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/26	11:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2025/12/26	11:50:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2025/12/26	11:50:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2025/12/26	11:50:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2025/12/26	11:52:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/26	11:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2025/12/26	11:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2025/12/26	12:46:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2025/12/26	12:46:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2025/12/26	12:46:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2025/12/26	12:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2025/12/26	12:55:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/26	12:56:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2025/12/26	14:24:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2025/12/26	14:24:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2025/12/26	14:24:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2025/12/26	14:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			

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2025/12/26	14:33:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/26	14:34:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/26	15:34:30.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/26	15:34:32.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/26	15:34:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/26	15:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/26	15:44:00.0	XRT_Custom_430_OG [0x1ae]				
2025/12/26	15:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/26	16:02:30.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/26	16:02:32.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/26	16:02:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/26	16:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/26	16:11:30.0	XRT_Custom_430_OG [0x1ae]				
2025/12/26	16:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/26	17:08:30.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/26	17:08:32.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/26	17:08:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/26	17:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/26	17:32:00.0	XRT_Custom_430_OG [0x1ae]				
2025/12/26	17:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/26	17:40:30.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/26	17:40:32.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/26	17:40:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/26	17:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/26	17:50:00.0	XRT_Custom_430_OG [0x1ae]				
2025/12/26	17:51:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/26	18:01:54.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/26	18:01:56.0	XRT_FOCUS_POSITION_406_OG [0x196]				
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/12/26	18:02:00.0	AOCs_ORe-point_Start_2_OG [0x098]				
			AOCU_NM	5	02-76	00 00 00 00 00
2025/12/26	18:02:16.0	XRT_FLD_DIS_409_OG [0x199]				
			MDP_XRT_FLD_DIS	1	07-F0	d9
2025/12/26	18:02:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]				
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/12/26	18:02:20.0	XRT_ARS_DIS_425_OG [0x1a9]				
			MDP_XRT_ARS_DIS	1	07-F0	d5
2025/12/26	18:04:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]				
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2025/12/26	18:05:00.0	XRT_CTRL_AUTO_408_OG [0x198]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/26	18:11:54.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/26	18:11:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]				
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/12/26	18:12:00.0	AOCs_ORe-point_Start_8_OG [0x09e]				
			AOCU_NM	5	02-76	02 03 74 01 db
2025/12/26	18:12:16.0	XRT_FLD_ENA_411_OG [0x19b]				
			MDP_XRT_FLD_ENA	1	07-F0	d8
2025/12/26	18:12:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]				
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/12/26	18:12:20.0	XRT_AEC_RESET_448_OG [0x1c0]				
			MDP_XRT_AEC_RESET	1	07-F0	d0
2025/12/26	18:12:22.0	XRT_ARS_DIS_423_OG [0x1a7]				
			MDP_XRT_ARS_DIS	1	07-F0	d5
2025/12/26	18:12:24.0	XRT_FLD_RESET_410_OG [0x19a]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/26	18:14:56.0	XRT_QT_PROG_SET_401_OG [0x191]				
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2025/12/26	18:14:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]				
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/12/26	18:15:00.0	XRT_CTRL_AUTO_408_OG [0x198]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/26	18:45:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/26	18:45:02.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/26	18:45:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/26	18:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				

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2025/12/26	19:08:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/26	19:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/26	19:19:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/26	19:19:02.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/26	19:19:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/26	19:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/26	19:28:00.0	XRT_Custom_430_OG [0x1ae]				
2025/12/26	19:29:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/26	20:21:30.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/26	20:21:32.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/26	20:21:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/26	20:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/26	20:44:30.0	XRT_Custom_430_OG [0x1ae]				
2025/12/26	20:45:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/26	20:57:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/26	20:57:02.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/26	20:57:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/26	21:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/26	21:06:00.0	XRT_Custom_430_OG [0x1ae]				
2025/12/26	21:07:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/26	21:58:30.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/26	21:58:32.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/26	21:58:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/26	22:01:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/26	22:22:00.0	XRT_Custom_430_OG [0x1ae]				
2025/12/26	22:23:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/26	22:35:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/26	22:35:02.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/26	22:35:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/26	22:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/26	22:44:00.0	XRT_Custom_430_OG [0x1ae]				
2025/12/26	22:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/26	23:35:30.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/26	23:35:32.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/26	23:35:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/26	23:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/26	23:56:30.0	XRT_Custom_430_OG [0x1ae]				
2025/12/26	23:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	00:13:30.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	00:13:32.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	00:13:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/27	00:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/27	00:22:30.0	XRT_Custom_430_OG [0x1ae]				
2025/12/27	00:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	01:12:30.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	01:12:32.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	01:12:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/27	01:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/27	01:20:30.0	XRT_Custom_430_OG [0x1ae]				
2025/12/27	01:21:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	01:51:30.0	XRT_CTRL_MANU_400_OG [0x190]				

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2025/12/27	01:51:32.0	MDP_XRT_CTRL_MANU	1	07-F0	c1
		XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	01:51:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/27	01:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/27	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	01:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/12/27	02:00:00.0	AOCs_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/12/27	02:00:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/12/27	02:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/12/27	02:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/12/27	02:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/12/27	02:00:24.0	XRT_FLD_RESET_410_OG [0x19a]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	02:02:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2025/12/27	02:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/12/27	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	02:36:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	02:36:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	02:36:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/27	02:39:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/27	02:55:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/27	02:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	03:29:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	03:29:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	03:29:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/27	03:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/27	03:38:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/27	03:39:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	04:11:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	04:11:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	04:11:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/27	04:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/27	04:31:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/27	04:32:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	05:07:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	05:07:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	05:07:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/27	05:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/27	05:16:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/27	05:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	05:40:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	05:40:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	05:40:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/27	05:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/27	06:09:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/27	06:10:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	06:17:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	06:17:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/12/27	06:18:00.0	AOCs_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/12/27	06:18:16.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2025/12/27	06:18:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			

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2025/12/27	06:18:20.0	XRT_ARS_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/12/27	06:20:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/12/27	06:21:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2025/12/27	06:27:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	06:27:56.0	XRT_FOCUS_RECALIBRATE_407_OG [0x197]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	06:28:00.0	AOCS_ORe-point_Start_8_OG [0x09e]	XRT_FOCUS_RECICAL	2	07-F8	78 00
2025/12/27	06:31:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]	AOCU_NM	5	02-76	02 03 74 01 db
2025/12/27	06:32:16.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/12/27	06:32:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2025/12/27	06:32:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/12/27	06:32:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2025/12/27	06:32:24.0	XRT_FLD_RESET_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/12/27	06:34:56.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	06:34:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2025/12/27	06:35:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/12/27	06:46:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	06:46:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	06:46:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	06:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/27	06:54:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/27	06:55:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2025/12/27	07:20:30.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2025/12/27	07:20:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	07:20:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	07:23:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	07:46:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/27	07:47:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/27	08:24:00.5	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2025/12/27	08:24:02.5	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	08:24:04.5	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	08:27:14.5	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	08:33:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/27	08:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/27	09:00:30.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2025/12/27	09:00:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	09:00:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	09:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	09:22:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/27	09:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/27	10:02:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2025/12/27	10:02:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	10:02:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	10:05:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	10:11:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/27	10:12:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/27	10:40:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2025/12/27	10:40:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	10:40:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	10:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da

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2025/12/27	10:56:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/27	10:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/12/27	11:40:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	11:40:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	11:40:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	11:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/27	11:49:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/27	11:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/12/27	13:18:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	13:18:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	13:18:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	13:21:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/27	13:27:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/27	13:28:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/12/27	14:56:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	14:56:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	14:56:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	14:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/27	15:05:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/27	15:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/12/27	16:04:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	16:04:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	16:04:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	16:07:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/27	16:17:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/27	16:18:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/12/27	16:26:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	16:26:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	16:26:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	16:27:00.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/27	16:28:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/27	16:29:44.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/12/27	16:35:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	16:35:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	16:35:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	16:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/27	16:43:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/27	16:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/12/27	17:39:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	17:39:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	17:39:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	17:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/27	18:03:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/27	18:04:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/12/27	18:13:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	18:13:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	18:13:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	18:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/27	18:21:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/27	18:22:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/12/27	18:33:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0

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2025/12/27	18:33:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	18:34:00.0	AOCs_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/12/27	18:34:16.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00
2025/12/27	18:34:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9
2025/12/27	18:34:20.0	XRT_ARS_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/12/27	18:36:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/12/27	18:37:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2025/12/27	18:43:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	18:43:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	18:44:00.0	AOCs_ORe-point_Start_8_OG [0x09e]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/12/27	18:44:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	02 03 74 01 db
2025/12/27	18:44:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2025/12/27	18:44:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/12/27	18:44:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2025/12/27	18:44:24.0	XRT_FLD_RESET_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/12/27	18:46:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	18:46:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2025/12/27	18:47:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/12/27	19:16:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	19:16:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	19:16:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	19:19:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/27	19:39:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/27	19:40:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2025/12/27	19:51:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2025/12/27	19:51:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	19:51:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	19:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	19:59:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/27	20:00:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/27	20:53:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2025/12/27	20:53:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	20:53:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	20:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	21:16:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/27	21:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/27	21:29:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2025/12/27	21:29:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	21:29:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	21:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	21:38:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/27	21:39:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/27	22:30:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2025/12/27	22:30:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/27	22:30:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/27	22:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/27	22:53:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/27	22:54:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/27	23:07:30.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]			
			MDP_XRT_CTRL_AUTO	1	07-F0	c0

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2025/12/27	23:07:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/12/27	23:07:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/12/27	23:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/12/27	23:16:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/12/27	23:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/12/28	00:07:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/12/28	00:07:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/12/28	00:07:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/12/28	00:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/12/28	00:25:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/12/28	00:26:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/12/28	00:45:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/12/28	00:45:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/12/28	00:45:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/12/28	00:48:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/12/28	00:54:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/12/28	00:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/12/28	01:44:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/12/28	01:44:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/12/28	01:44:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/12/28	01:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/12/28	01:51:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/12/28	01:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/12/28	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/12/28	01:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2025/12/28	02:00:00.0	AOCs_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2025/12/28	02:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2025/12/28	02:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2025/12/28	02:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2025/12/28	02:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/12/28	02:00:24.0	XRT_FLD_RESET_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/12/28	02:02:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02	
2025/12/28	02:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e	
2025/12/28	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/12/28	02:23:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/12/28	02:23:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/12/28	02:23:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/12/28	02:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/12/28	02:32:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/12/28	02:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/12/28	03:06:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/12/28	03:06:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/12/28	03:06:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/12/28	03:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/12/28	03:26:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/12/28	03:27:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/12/28	04:02:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/12/28	04:02:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/12/28	04:02:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	

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2025/12/28	04:05:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2025/12/28	04:10:30.0	XRT_Custom_430_OG [0x1ae]					
2025/12/28	04:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2025/12/28	04:37:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2025/12/28	04:37:32.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2025/12/28	04:37:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2025/12/28	04:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2025/12/28	05:03:00.0	XRT_Custom_430_OG [0x1ae]					
2025/12/28	05:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2025/12/28	05:29:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2025/12/28	05:29:56.0	XRT_FOCUS_POSITION_406_OG [0x196]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2025/12/28	05:30:00.0	AOCs_ORe-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2025/12/28	05:30:16.0	XRT_FLD_DIS_409_OG [0x199]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2025/12/28	05:30:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2025/12/28	05:30:20.0	XRT_ARS_DIS_425_OG [0x1a9]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2025/12/28	05:32:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06		
2025/12/28	05:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2025/12/28	05:39:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2025/12/28	05:39:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2025/12/28	05:40:00.0	AOCs_ORe-point_Start_8_OG [0x09e]					
		AOCU_NM	5	02-76	02 03 74 01 db		
2025/12/28	05:40:00.5	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2025/12/28	05:40:02.5	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2025/12/28	05:40:04.5	XRT_PREFLR_STRT_418_OG [0x1a2]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2025/12/28	05:40:16.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2025/12/28	05:40:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2025/12/28	05:40:20.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2025/12/28	05:40:22.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2025/12/28	05:40:24.0	XRT_FLD_RESET_410_OG [0x19a]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2025/12/28	05:42:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b		
2025/12/28	05:42:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e		
2025/12/28	05:43:14.5	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2025/12/28	05:48:30.0	XRT_Custom_430_OG [0x1ae]					
2025/12/28	05:49:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2025/12/28	06:13:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2025/12/28	06:13:02.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2025/12/28	06:13:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2025/12/28	06:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2025/12/28	06:40:30.0	XRT_Custom_430_OG [0x1ae]					
2025/12/28	06:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2025/12/28	07:18:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2025/12/28	07:18:02.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2025/12/28	07:18:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2025/12/28	07:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2025/12/28	07:26:30.0	XRT_Custom_430_OG [0x1ae]					
2025/12/28	07:27:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2025/12/28	07:53:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2025/12/28	07:53:02.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2025/12/28	07:53:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2025/12/28	07:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		

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2025/12/28	08:17:30.0	XRT_Custom_430_OG [0x1ae]		
2025/12/28	08:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/28	08:56:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/28	08:56:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/28	08:56:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/12/28	08:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/12/28	09:04:30.0	XRT_Custom_430_OG [0x1ae]		
2025/12/28	09:05:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/28	09:32:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/28	09:32:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/28	09:32:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/12/28	09:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/12/28	09:53:30.0	XRT_Custom_430_OG [0x1ae]		
2025/12/28	09:54:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/28	10:34:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/28	10:34:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/28	10:34:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/12/28	10:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/12/28	10:42:30.0	XRT_Custom_430_OG [0x1ae]		
2025/12/28	10:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/28	11:13:30.5	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/28	11:13:32.5	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/28	11:13:34.5	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/12/28	11:16:44.5	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/12/28	11:25:00.0	XRT_Custom_430_OG [0x1ae]		
2025/12/28	11:26:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/28	12:12:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/28	12:12:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/28	12:12:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/12/28	12:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/12/28	12:21:00.0	XRT_Custom_430_OG [0x1ae]		
2025/12/28	12:22:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/28	13:50:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/28	13:50:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/28	13:50:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/12/28	13:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/12/28	13:59:00.0	XRT_Custom_430_OG [0x1ae]		
2025/12/28	14:00:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/28	15:29:00.5	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/28	15:29:03.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/28	15:29:06.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/12/28	15:32:16.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/12/28	15:37:00.0	XRT_Custom_430_OG [0x1ae]		
2025/12/28	15:38:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/28	16:35:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/28	16:35:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/28	16:35:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/12/28	16:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/12/28	16:58:00.0	XRT_Custom_430_OG [0x1ae]		
2025/12/28	16:59:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/28	17:07:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1

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2025/12/28	17:07:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/28	17:07:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/28	17:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/28	17:15:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/28	17:16:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/28	17:46:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/28	17:46:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/12/28	17:47:00.0	AOCs_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/12/28	17:47:16.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2025/12/28	17:47:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/12/28	17:47:20.0	XRT_ARS_DIS_425_OG [0x1a9]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/12/28	17:49:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2025/12/28	17:50:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/28	17:56:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/28	17:56:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/12/28	17:57:00.0	AOCs_ORe-point_Start_8_OG [0x09e]			
		AOCU_NM	5	02-76	02 03 74 01 db
2025/12/28	17:57:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/12/28	17:57:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/12/28	17:57:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/12/28	17:57:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/12/28	17:57:24.0	XRT_FLD_RESET_410_OG [0x19a]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/28	17:59:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2025/12/28	17:59:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/12/28	18:00:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/28	18:11:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/28	18:11:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/28	18:11:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/28	18:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/28	18:34:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/28	18:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/28	18:45:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/28	18:45:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/28	18:45:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/28	18:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/28	18:53:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/28	18:54:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/28	19:47:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/28	19:47:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/28	19:47:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/28	19:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/28	20:11:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/28	20:12:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/28	20:23:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/28	20:23:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/28	20:23:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/28	20:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/28	20:31:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/28	20:32:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/28	21:24:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1

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2025/12/28	21:24:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
2025/12/28	21:24:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	e8
2025/12/28	21:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
2025/12/28	21:48:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/28	21:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
2025/12/28	22:01:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
2025/12/28	22:01:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
2025/12/28	22:01:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	e8
2025/12/28	22:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
2025/12/28	22:09:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/28	22:10:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
2025/12/28	23:02:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
2025/12/28	23:02:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
2025/12/28	23:02:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	e8
2025/12/28	23:05:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
2025/12/28	23:24:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/28	23:25:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
2025/12/28	23:39:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
2025/12/28	23:39:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
2025/12/28	23:39:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	e8
2025/12/28	23:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
2025/12/28	23:47:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/28	23:48:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
2025/12/29	00:39:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
2025/12/29	00:39:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
2025/12/29	00:39:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	e8
2025/12/29	00:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
2025/12/29	00:50:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/29	00:51:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
2025/12/29	01:18:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
2025/12/29	01:18:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
2025/12/29	01:18:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	e8
2025/12/29	01:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
2025/12/29	01:25:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/29	01:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
2025/12/29	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1
2025/12/29	01:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	4	07-F8	22 ff aa 00
2025/12/29	02:00:00.0	AOCs_Ore-point_Start_2_OG [0x098]	5	02-76	00 00 00 00 00
2025/12/29	02:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	1	07-F0	d8
2025/12/29	02:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	1	07-F0	c8
2025/12/29	02:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	1	07-F0	d0
2025/12/29	02:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	1	07-F0	d5
2025/12/29	02:00:24.0	XRT_FLD_RESET_410_OG [0x19a]	1	07-F0	da
2025/12/29	02:02:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]	2	07-F0	c4 02
2025/12/29	02:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	2	07-F0	c5 0e
2025/12/29	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0	c0
2025/12/29	02:05:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
2025/12/29	02:05:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
2025/12/29	02:05:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	e8
2025/12/29	02:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			

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2025/12/29	02:21:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/29	02:22:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/29	02:56:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/29	02:56:02.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/29	02:56:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/29	02:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/29	03:04:00.0	XRT_Custom_430_OG [0x1ae]				
2025/12/29	03:05:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/29	03:37:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/29	03:37:02.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/29	03:37:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/29	03:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/29	03:58:00.0	XRT_Custom_430_OG [0x1ae]				
2025/12/29	03:59:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/29	04:34:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/29	04:34:02.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/29	04:34:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/29	04:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/29	04:42:00.0	XRT_Custom_430_OG [0x1ae]				
2025/12/29	04:43:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/29	05:05:30.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/29	05:05:32.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/29	05:05:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/29	05:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/29	05:35:00.0	XRT_Custom_430_OG [0x1ae]				
2025/12/29	05:36:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/29	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/29	05:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]				
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/12/29	06:00:00.0	AOCs_ORe-point_Start_2_OG [0x098]				
			AOCU_NM	5	02-76	00 00 00 00 00
2025/12/29	06:00:16.0	XRT_FLD_DIS_409_OG [0x199]				
			MDP_XRT_FLD_DIS	1	07-F0	d9
2025/12/29	06:00:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]				
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/12/29	06:00:20.0	XRT_ARS_DIS_425_OG [0x1a9]				
			MDP_XRT_ARS_DIS	1	07-F0	d5
2025/12/29	06:02:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]				
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2025/12/29	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/29	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/29	06:09:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]				
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/12/29	06:10:00.0	AOCs_ORe-point_Start_8_OG [0x09e]				
			AOCU_NM	5	02-76	02 03 74 01 db
2025/12/29	06:10:16.0	XRT_FLD_ENA_411_OG [0x19b]				
			MDP_XRT_FLD_ENA	1	07-F0	d8
2025/12/29	06:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]				
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/12/29	06:10:20.0	XRT_AEC_RESET_448_OG [0x1c0]				
			MDP_XRT_AEC_RESET	1	07-F0	d0
2025/12/29	06:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]				
			MDP_XRT_ARS_DIS	1	07-F0	d5
2025/12/29	06:10:24.0	XRT_FLD_RESET_410_OG [0x19a]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/29	06:12:30.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/29	06:12:32.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/29	06:12:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/29	06:12:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]				
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2025/12/29	06:12:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]				
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/12/29	06:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/29	06:20:00.0	XRT_Custom_430_OG [0x1ae]				

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2025/12/29	06:21:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/29	06:45:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/29	06:45:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/29	06:45:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/12/29	06:48:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/12/29	07:12:00.0	XRT_Custom_430_OG [0x1ae]		
2025/12/29	07:13:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/29	07:50:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/29	07:50:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/29	07:50:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/12/29	07:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/12/29	07:58:00.0	XRT_Custom_430_OG [0x1ae]		
2025/12/29	07:59:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/29	08:25:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/29	08:25:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/29	08:25:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/12/29	08:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/12/29	08:49:00.0	XRT_Custom_430_OG [0x1ae]		
2025/12/29	08:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/29	09:28:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/29	09:28:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/29	09:28:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/12/29	09:31:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/12/29	09:36:30.0	XRT_Custom_430_OG [0x1ae]		
2025/12/29	09:37:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/29	10:05:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/29	10:05:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/29	10:05:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/12/29	10:08:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/12/29	10:24:30.0	XRT_Custom_430_OG [0x1ae]		
2025/12/29	10:25:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/29	11:06:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/29	11:06:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/29	11:06:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/12/29	11:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/12/29	11:14:30.0	XRT_Custom_430_OG [0x1ae]		
2025/12/29	11:15:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/29	11:47:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/29	11:47:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/29	11:47:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/12/29	11:50:30.0	XRT_Custom_430_OG [0x1ae]		
2025/12/29	11:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/12/29	11:51:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/29	12:45:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/29	12:45:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/29	12:45:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/12/29	12:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/12/29	12:52:30.0	XRT_Custom_430_OG [0x1ae]		
2025/12/29	12:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/29	14:23:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/29	14:23:02.0	XRT_FLD_RESET_415_OG [0x19f]		

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2025/12/29	14:23:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/29	14:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/29	14:30:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/29	14:31:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/29	15:32:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/29	15:32:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/29	15:32:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/29	15:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/29	15:42:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/29	15:43:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/29	16:01:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/29	16:01:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/29	16:01:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/29	16:04:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/29	16:08:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/29	16:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/29	17:06:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/29	17:06:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/29	17:06:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/29	17:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/29	17:29:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/29	17:30:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/29	17:39:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/29	17:39:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/29	17:39:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/29	17:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/29	17:47:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/29	17:48:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/29	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/29	17:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/29	18:00:00.0	AOCs_Ore-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/12/29	18:00:16.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00
2025/12/29	18:00:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9
2025/12/29	18:00:20.0	XRT_ARS_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/12/29	18:02:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/12/29	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2025/12/29	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/29	18:09:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/29	18:10:00.0	AOCs_Ore-point_Start_8_OG [0x09e]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/12/29	18:10:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	02 03 74 01 db
2025/12/29	18:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2025/12/29	18:10:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/12/29	18:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2025/12/29	18:10:24.0	XRT_FLD_RESET_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/12/29	18:12:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/29	18:12:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2025/12/29	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/12/29	18:42:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/29	18:42:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1

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2025/12/29	18:42:34.0	MDP_XRT_FLD_RESET	1	07-F0	da
		XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/29	18:45:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/29	19:06:00.5	XRT_Custom_430_OG [0x1ae]			
2025/12/29	19:07:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/29	19:17:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/29	19:17:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/29	19:17:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/29	19:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/29	19:25:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/29	19:26:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/29	20:19:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/29	20:19:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/29	20:19:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/29	20:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/29	20:42:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/29	20:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/29	20:55:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/29	20:55:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/29	20:55:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/29	20:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/29	21:03:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/29	21:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/29	21:56:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/29	21:56:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/29	21:56:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/29	21:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/29	22:19:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/29	22:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/29	22:34:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/29	22:34:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/29	22:34:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/29	22:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/29	22:41:00.0	XRT_Custom_430_OG [0x1ae]			
2025/12/29	22:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/29	23:33:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/29	23:33:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/29	23:33:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/29	23:36:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/29	23:54:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/29	23:55:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/30	00:12:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/30	00:12:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/30	00:12:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/30	00:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/12/30	00:19:30.0	XRT_Custom_430_OG [0x1ae]			
2025/12/30	00:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/12/30	01:10:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/12/30	01:10:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/12/30	01:10:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/12/30	01:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9

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2025/12/30	01:18:30.0	XRT_Custom_430_OG [0x1ae]		
2025/12/30	01:19:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/30	01:50:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/30	01:50:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/30	01:50:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/12/30	01:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/12/30	01:57:30.0	XRT_Custom_430_OG [0x1ae]		
2025/12/30	01:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/30	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/30	01:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]		
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2025/12/30	02:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]		
		AOCU_NM	5	02-76 00 00 00 00 00
2025/12/30	02:00:16.0	XRT_FLD_ENA_411_OG [0x19b]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2025/12/30	02:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2025/12/30	02:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]		
		MDP_XRT_AEC_RESET	1	07-F0 d0
2025/12/30	02:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2025/12/30	02:00:24.0	XRT_FLD_RESET_410_OG [0x19a]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/30	02:02:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 02
2025/12/30	02:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0e
2025/12/30	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/30	02:34:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/30	02:34:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/30	02:34:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/12/30	02:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/12/30	02:52:30.0	XRT_Custom_430_OG [0x1ae]		
2025/12/30	02:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/30	03:28:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/30	03:28:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/30	03:28:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/12/30	03:31:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/12/30	03:35:30.0	XRT_Custom_430_OG [0x1ae]		
2025/12/30	03:36:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/30	04:08:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/30	04:08:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/30	04:08:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/12/30	04:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/12/30	04:29:30.0	XRT_Custom_430_OG [0x1ae]		
2025/12/30	04:30:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/30	05:06:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/30	05:06:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/30	05:06:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/12/30	05:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/12/30	05:13:30.0	XRT_Custom_430_OG [0x1ae]		
2025/12/30	05:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/30	05:38:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/12/30	05:38:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/12/30	05:38:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/12/30	05:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/12/30	06:06:30.0	XRT_Custom_430_OG [0x1ae]		
2025/12/30	06:07:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/12/30	06:15:24.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1

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2025/12/30	06:15:26.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2025/12/30	06:15:30.0	AOCs_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00
2025/12/30	06:15:46.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2025/12/30	06:15:48.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2025/12/30	06:15:50.0	XRT_ARS_DIS_425_OG [0x1a9]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/12/30	06:18:28.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	06			
2025/12/30	06:18:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/12/30	06:25:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/12/30	06:25:26.0	XRT_FOCUS_POSITION_414_OG [0x19e]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2025/12/30	06:25:30.0	AOCs_Ore-point_Start_8_OG [0x09e]							
		AOCU_NM	5	02-76	02	03	74	01	db
2025/12/30	06:25:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2025/12/30	06:25:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2025/12/30	06:25:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2025/12/30	06:25:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/12/30	06:25:54.0	XRT_FLD_RESET_410_OG [0x19a]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/12/30	06:28:26.0	XRT_QT_PROG_SET_447_OG [0x1bf]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b			
2025/12/30	06:28:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e			
2025/12/30	06:28:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/12/30	06:44:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/12/30	06:44:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/12/30	06:44:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/12/30	06:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/12/30	06:51:30.0	XRT_Custom_430_OG [0x1ae]							
2025/12/30	06:52:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/12/30	07:18:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/12/30	07:18:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/12/30	07:18:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/12/30	07:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/12/30	07:43:30.0	XRT_Custom_430_OG [0x1ae]							
2025/12/30	07:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/12/30	08:23:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/12/30	08:23:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/12/30	08:23:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/12/30	08:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/12/30	08:30:00.0	XRT_Custom_430_OG [0x1ae]							
2025/12/30	08:31:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/12/30	08:58:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/12/30	08:58:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/12/30	08:58:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/12/30	09:01:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/12/30	11:30:00.0	AOCs_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00