

Period: 2025/07/22 10:59:00 - 2025/07/31 10:55:00

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							
07/23 12:58:00 - 07/23 13:04:54		Fixed (-528.4, 528.4)					Post bakeout Q4							
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
07/23 13:08:00 - 07/23 13:14:54	Fixed (0.0, 0.0)	Post bakeout synoptics
07/23 18:03:00 - 07/23 18:22:00	Fixed (0.0, 0.0)	synoptic
07/24 06:28:00 - 07/24 06:34:54	Fixed (0.0, 0.0)	synoptic, shifted 25.0 min
07/24 18:00:30 - 07/24 18:07:24	Fixed (0.0, 0.0)	synoptic, shifted -2.5 min
07/25 05:43:30 - 07/25 05:50:24	Fixed (0.0, 0.0)	synoptic, shifted -19.5 min
07/25 17:41:00 - 07/25 17:47:54	Fixed (0.0, 0.0)	synoptic, shifted -22.0 min
07/26 06:00:00 - 07/26 06:06:54	Fixed (0.0, 0.0)	synoptic, shifted -3.0 min
07/26 18:03:00 - 07/26 18:09:54	Fixed (0.0, 0.0)	synoptic
07/27 06:26:30 - 07/27 06:33:24	Fixed (0.0, 0.0)	synoptic, shifted 23.5 min
07/27 17:59:30 - 07/27 18:06:24	Fixed (0.0, 0.0)	synoptic, shifted -3.5 min
07/28 05:42:00 - 07/28 05:48:54	Fixed (0.0, 0.0)	synoptic, shifted -21.0 min
07/28 17:40:30 - 07/28 17:47:24	Fixed (0.0, 0.0)	synoptic, shifted -22.5 min
07/29 05:58:30 - 07/29 06:05:24	Fixed (0.0, 0.0)	synoptic, shifted -4.5 min

PROG= 10 1-time(s)													
└	Subr= 1	1-time(s)	2.0sec										
	└	Seqn= 5	1-time(s)	2.0sec									
		Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	2.0sec
		Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	2.0sec
	└	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=98	0	2.0sec
		Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0	2.0sec
		Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	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	2.0sec
		Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	2.0sec
		Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	707ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	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	2.0sec
		Al-poly/Open	Al-poly/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	2.0sec
	└	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	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	2.0sec
		thin-Be/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	2.0sec
		thin-Be/Open	thin-Be/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	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	2.0sec
		Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	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	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	2.0sec
		med-Al/Open	med-Al/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	2.0sec
	└	med-Al/Open	med-Al/Open	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	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	2.0sec
		med-Be/Open	med-Be/Open	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	2.0sec
		med-Be/Open	med-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	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	2.0sec
		Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	2.0sec
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval													

XOB #1BBA: AR - Standard Core - (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Al/poly context, with

Term	Pointing (x, y)	Comment
07/23 13:18:00 - 07/23 17:59:54	Track (-361.8, 133.0) @ 07/23 13:15:00	AR14149

PROG= 02 Inf.-time(s)													
└	Subr= 1	1-time(s)	2.0sec										
	└	Seqn= 92	1-time(s)	2.0sec									
		Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	2.0sec
		Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	2.0sec
		Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	2.0sec
└	Subr= 2	5-time(s)	2.0sec										
	└	Seqn= 47	1-time(s)	2.0sec									
		Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	2.0sec
		Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2.0sec
		thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	2.0sec
		thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2.0sec

XOB #1B96: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 360s cad (G-band/Leak first)				
Term	Pointing (x, y)		Comment	
07/23 19:18:05 - 07/24 03:59:54	Track (-313.1, 131.0)	@ 07/23 19:15:00	HOP509 / HOP507 AR14149	
07/24 06:38:00 - 07/24 10:33:30	Track (-218.5, 128.0)	@ 07/24 06:35:00	AR14149	
07/24 11:16:01 - 07/24 17:19:00	Fixed (-19.0, -858.2)		HOP485 South	
07/24 18:10:30 - 07/25 03:59:54	Track (-119.7, 125.9)	@ 07/24 18:07:30	HOP509 / HOP507 AR14149	
07/25 05:53:30 - 07/25 13:59:54	Track (-18.2, 124.8)	@ 07/25 05:50:30	AR14149	
07/25 14:03:00 - 07/25 17:37:54	Fixed (950.0, 0.0)		EIS off limb observation	
07/25 18:29:30 - 07/25 23:59:54	Track (85.4, 124.7)	@ 07/25 17:48:00	HOP509 / HOP507 AR14149	
07/26 10:42:30 - 07/26 17:59:54	Track (224.3, 126.3)	@ 07/26 10:07:00	AR14149	
07/26 18:13:00 - 07/27 03:59:54	Track (290.8, 127.8)	@ 07/26 18:10:00	HOP509 / HOP507 AR14149	
07/27 06:36:30 - 07/27 17:18:00	Track (389.5, 131.2)	@ 07/27 06:33:30	AR14149	
07/27 18:09:30 - 07/28 03:59:54	Track (476.3, 135.3)	@ 07/27 18:06:30	HOP509 / HOP507 AR14149	

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	1024x1024 (1536, 1536)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 1536)	Q=95	0	0	2.0sec
Subr= 2 10-time(s) 360.0sec													
Seqn= 8 1-time(s) 2.0sec													
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Seqn= 6 1-time(s) 2.0sec													
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1D29: HOP349 - 3-filter Synoptics (Al-mesh[8/181/2897], Al-poly[16/181/4096], thin-Be[64/1024/11571] with 512x512 G-band+Leak(1064,1048) - 45 min

Term	Pointing (x, y)	Comment
07/24 04:43:30 - 07/24 05:34:00	Fixed (0.0, 0.0)	HOP349
07/25 04:03:00 - 07/25 05:40:24	Fixed (0.0, 0.0)	HOP349
07/26 04:09:30 - 07/26 04:59:30	Fixed (0.0, 0.0)	HOP349
07/27 04:42:00 - 07/27 05:32:30	Fixed (0.0, 0.0)	HOP349
07/28 04:03:00 - 07/28 05:38:54	Fixed (0.0, 0.0)	HOP349
07/29 04:08:00 - 07/29 04:58:30	Fixed (0.0, 0.0)	HOP349

PROG= 13 Inf.-time(s)													
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, 1536)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	1024x1024 (512, 1536)	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	

XOB #1CDE: HOP393/336 - 4x4 - Full Sun double long/short pair AEC 2/3 - Al-poly - Dark (512ms) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 7

Term	Pointing (x, y)	Comment
07/26 00:03:00 - 07/26 03:31:30	Fixed (-19.0, -65.0)	HOP393

PROG= 05 Inf.-time(s)													
Subr= 1 1-time(s) 2.0sec													
Seqn= 30 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 1536)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 1536)	Q=95	0	0	2.0sec
Seqn= 52 1-time(s) 2.0sec													
	Al-poly/Open	Al-poly/Open	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	DPCM	0	0	2.0sec
Subr= 2 30-time(s) 720.0sec													
Seqn= 97 2-time(s) 2.0sec													
	Al-poly/Open	med-Be/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
	Al-poly/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1C8D: Alignment with North Pole Al/poly 1443ms Q95 2x2 (G-band and VLS=CLS) - 5min cad

Term	Pointing (x, y)	Comment
07/26 06:22:00 - 07/26 08:06:54	Fixed (0.0, 930.0)	Co-alignment North

PROG= 04 1-time(s)													
Subr= 1 1-time(s) 2.0sec													
Seqn= 23 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2 24-time(s) 300.0sec													
Seqn= 69 1-time(s) 2.0sec													
	Al-poly/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	2x2	1024x1024 (512, 512)	Q=95	0	0	2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval
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XOB #1C8E: Alignment with East limb Al/poly 1443ms Q95 2x2 (G-band and VLS=CLS) - 8 min cad

Term	Pointing (x, y)	Comment
07/26 08:22:00 - 07/26 10:06:54	Fixed (-970.0, 0.0)	Co-alignment East
PROG= 01 1-time(s)		
Subr= 1 1-time(s) 2.0sec		
Seqn= 23 1-time(s) 2.0sec		
Open/G-band	Open/G-band open	Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=90 0 0 2.0sec
Open/G-band	Open/G-band close	Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Subr= 2 15-time(s) 480.0sec		
Seqn= 70 1-time(s) 2.0sec		
Al-poly/Open	med-Be/Open close	Safe Norm 1.41s Obs 2x2 1024x1024 (1536, 512) Q=95 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
07/28 05:52:00 - 07/28 17:37:24	Track (558.0, 140.5) @ 07/28 05:49:00	AR14149
07/28 17:50:30 - 07/29 03:30:00	Track (634.0, 146.7) @ 07/28 17:47:30	HOP509 / HOP507 AR14149
07/29 06:08:30 - 07/29 11:50:30	Track (703.2, 154.1) @ 07/29 06:05:30	AR14149
PROG= 12 Inf.-time(s)		
Subr= 1 1-time(s) 2.0sec		
Seqn= 30 1-time(s) 2.0sec		
Open/G-band	Open/G-band open	Safe Norm 1ms Obs 1x1 1024x1024 (1536, 1536) Q=90 0 0 2.0sec
Open/G-band	Open/G-band close	Safe Norm 1ms Obs 1x1 1024x1024 (1536, 1536) Q=95 0 0 2.0sec
Subr= 2 5-time(s) 720.0sec		
Seqn= 8 1-time(s) 2.0sec		
thin-Be/Open	med-Be/Open close	Safe Norm 1.00s Obs 4x4 2048x2048 (1024, 1024) Q=98 3 0 2.0sec
thin-Be/Open	med-Be/Open close	Safe Norm 1.41s Obs 4x4 2048x2048 (1024, 1024) DPCM 2 0 2.0sec
Seqn= 6 1-time(s) 2.0sec		
Al-poly/Open	Al-poly/Open close	Safe Norm 125ms Obs 4x4 2048x2048 (1024, 1024) Q=98 3 0 2.0sec
Al-poly/Open	Al-poly/Open close	Safe Norm 1.00s Obs 4x4 2048x2048 (1024, 1024) DPCM 2 0 2.0sec
Default Filter	Thicker Filter	VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

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Flare mode

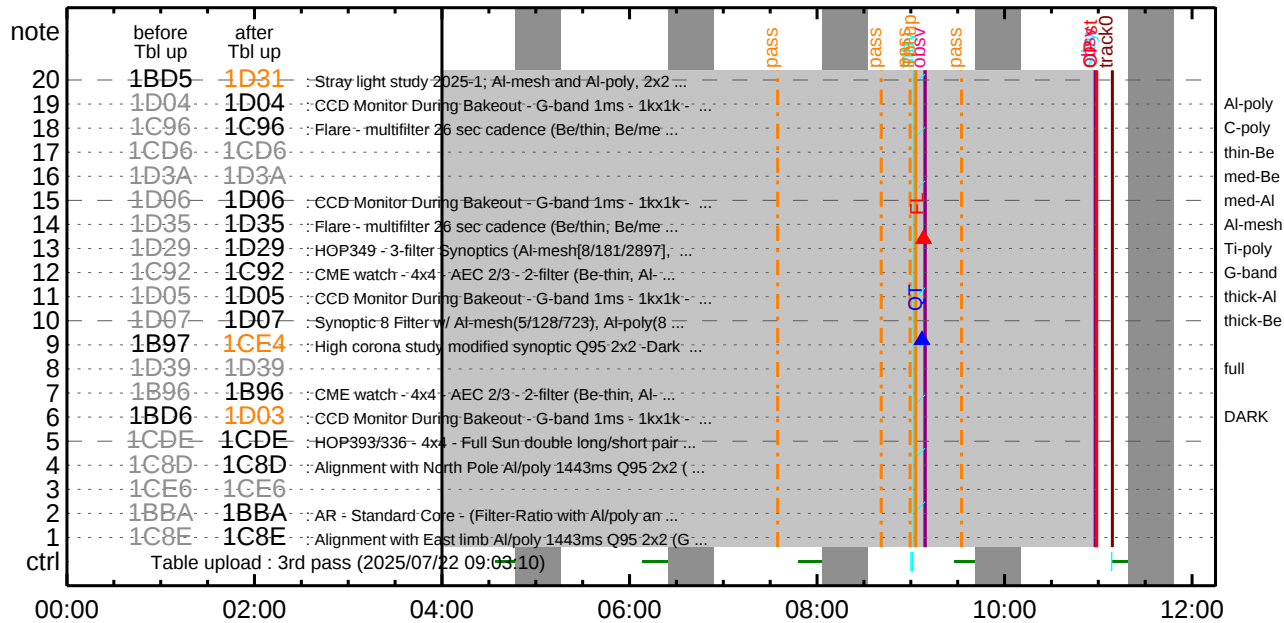
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XOB #1D35: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Be/thick), AEC 3, 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512x512 2x2) + G

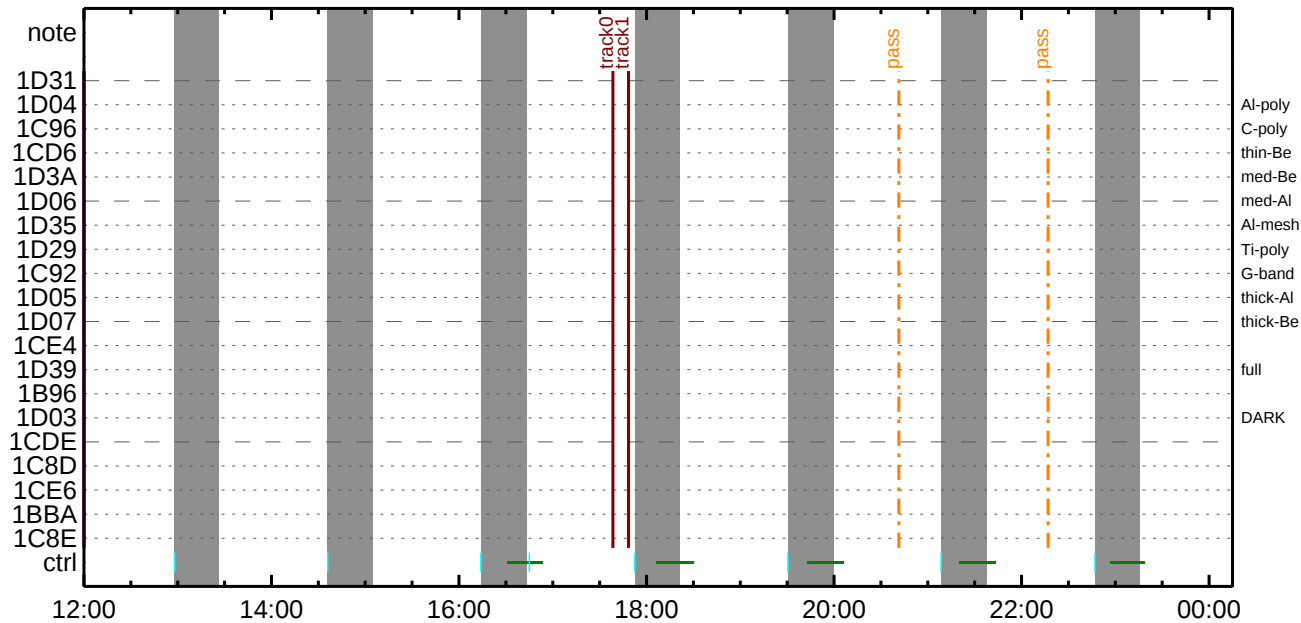
Term	Pointing (x, y)	Comment
07/23 13:18:00 - 07/23 17:59:54	Track (-361.8, 133.0) @ 07/23 13:15:00	AR14149
07/23 19:18:05 - 07/24 03:59:54	Track (-313.1, 131.0) @ 07/23 19:15:00	HOP509 / HOP507 AR14149
07/24 04:43:30 - 07/24 05:34:00	Fixed (0.0, 0.0)	HOP349
07/24 06:38:00 - 07/24 10:33:30	Track (-218.5, 128.0) @ 07/24 06:35:00	AR14149
07/24 11:16:01 - 07/24 17:19:00	Fixed (-19.0, -858.2)	HOP485 South
07/24 18:10:30 - 07/25 03:59:54	Track (-119.7, 125.9) @ 07/24 18:07:30	HOP509 / HOP507 AR14149
07/25 04:03:00 - 07/25 05:40:24	Fixed (0.0, 0.0)	HOP349
07/25 05:53:30 - 07/25 13:59:54	Track (-18.2, 124.8) @ 07/25 05:50:30	AR14149
07/25 14:03:00 - 07/25 17:37:54	Fixed (950.0, 0.0)	EIS off limb observation
07/25 18:29:30 - 07/25 23:59:54	Track (85.4, 124.7) @ 07/25 17:48:00	HOP509 / HOP507 AR14149
07/26 00:03:00 - 07/26 03:31:30	Fixed (-19.0, -65.0)	HOP393
07/26 04:09:30 - 07/26 04:59:30	Fixed (0.0, 0.0)	HOP349
07/26 10:42:30 - 07/26 17:59:54	Track (224.3, 126.3) @ 07/26 10:07:00	AR14149
07/26 18:13:00 - 07/27 03:59:54	Track (290.8, 127.8) @ 07/26 18:10:00	HOP509 / HOP507 AR14149
07/27 04:42:00 - 07/27 05:32:30	Fixed (0.0, 0.0)	HOP349
07/27 06:36:30 - 07/27 17:18:00	Track (389.5, 131.2) @ 07/27 06:33:30	AR14149
07/27 18:09:30 - 07/28 03:59:54	Track (476.3, 135.3) @ 07/27 18:06:30	HOP509 / HOP507 AR14149
07/28 04:03:00 - 07/28 05:38:54	Fixed (0.0, 0.0)	HOP349
07/28 05:52:00 - 07/28 17:37:24	Track (558.0, 140.5) @ 07/28 05:49:00	AR14149
07/28 17:50:30 - 07/29 03:30:00	Track (634.0, 146.7) @ 07/28 17:47:30	HOP509 / HOP507 AR14149
07/29 04:08:00 - 07/29 04:58:30	Fixed (0.0, 0.0)	HOP349
07/29 06:08:30 - 07/29 11:50:30	Track (703.2, 154.1) @ 07/29 06:05:30	AR14149
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

Term	Pointing (x, y)	Comment
07/22 09:04:10 - 07/23 12:29:22	cannot be identified	
07/23 13:15:18 - 07/23 18:00:18	Track (-361.8, 133.0) @ 07/23 13:15:00	AR14149
07/23 19:01:59 - 07/24 06:25:18	Fixed (-530.0, 530.0)	Stray light measurement + High corona
07/24 06:35:16 - 07/24 17:57:48	Track (-218.5, 128.0) @ 07/24 06:35:00	AR14149
07/24 18:07:46 - 07/25 05:40:48	Track (-119.7, 125.9) @ 07/24 18:07:30	HOP509 / HOP507 AR14149
07/25 05:50:46 - 07/25 17:38:18	Track (-18.2, 124.8) @ 07/25 05:50:30	AR14149
07/25 17:48:16 - 07/26 05:57:18	Track (85.4, 124.7) @ 07/25 17:48:00	HOP509 / HOP507 AR14149
07/26 10:07:16 - 07/26 18:00:18	Track (224.3, 126.3) @ 07/26 10:07:00	AR14149
07/26 18:10:16 - 07/27 06:23:48	Track (290.8, 127.8) @ 07/26 18:10:00	HOP509 / HOP507 AR14149
07/27 06:33:46 - 07/27 17:56:48	Track (389.5, 131.2) @ 07/27 06:33:30	AR14149
07/27 18:06:46 - 07/28 05:39:18	Track (476.3, 135.3) @ 07/27 18:06:30	HOP509 / HOP507 AR14149
07/28 05:49:16 - 07/28 17:37:48	Track (558.0, 140.5) @ 07/28 05:49:00	AR14149
07/28 17:47:46 - 07/29 05:55:48	Track (634.0, 146.7) @ 07/28 17:47:30	HOP509 / HOP507 AR14149
07/29 06:05:46 - 07/31 10:55:00	Track (703.2, 154.1) @ 07/29 06:05:30	AR14149
Al-poly/Open	Al-poly/Open close	Safe Norm 4ms Obs 8x8
Default Filter	Thicker Filter	VLS mode image Exp. CCD Bin ROI: size (center)
		Comp. AEC Buffer Interval

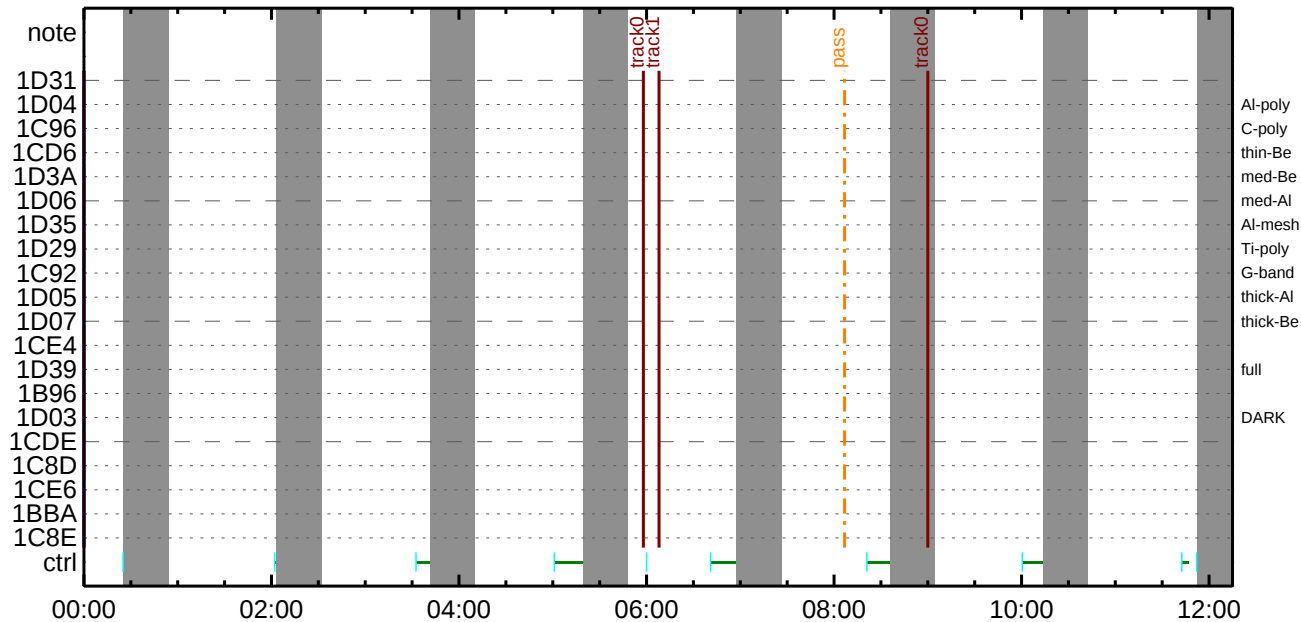
CMDI #0722 2025/07/22



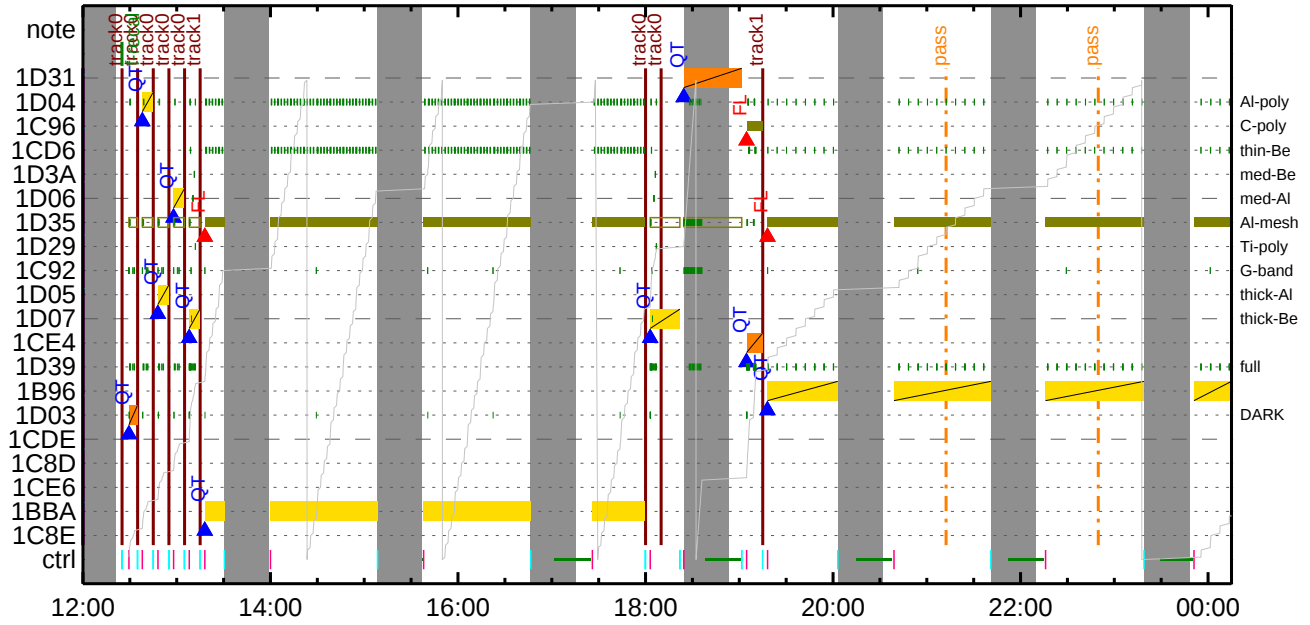
CMDI #0722 2025/07/22



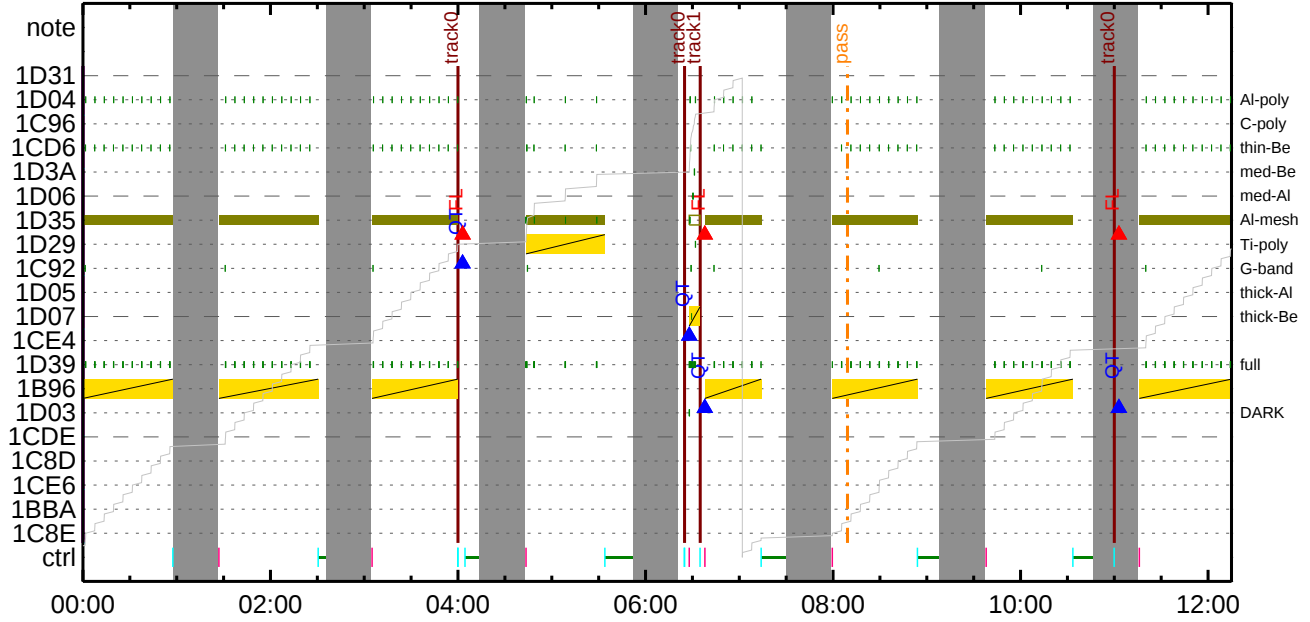
CMDI #0722 2025/07/23



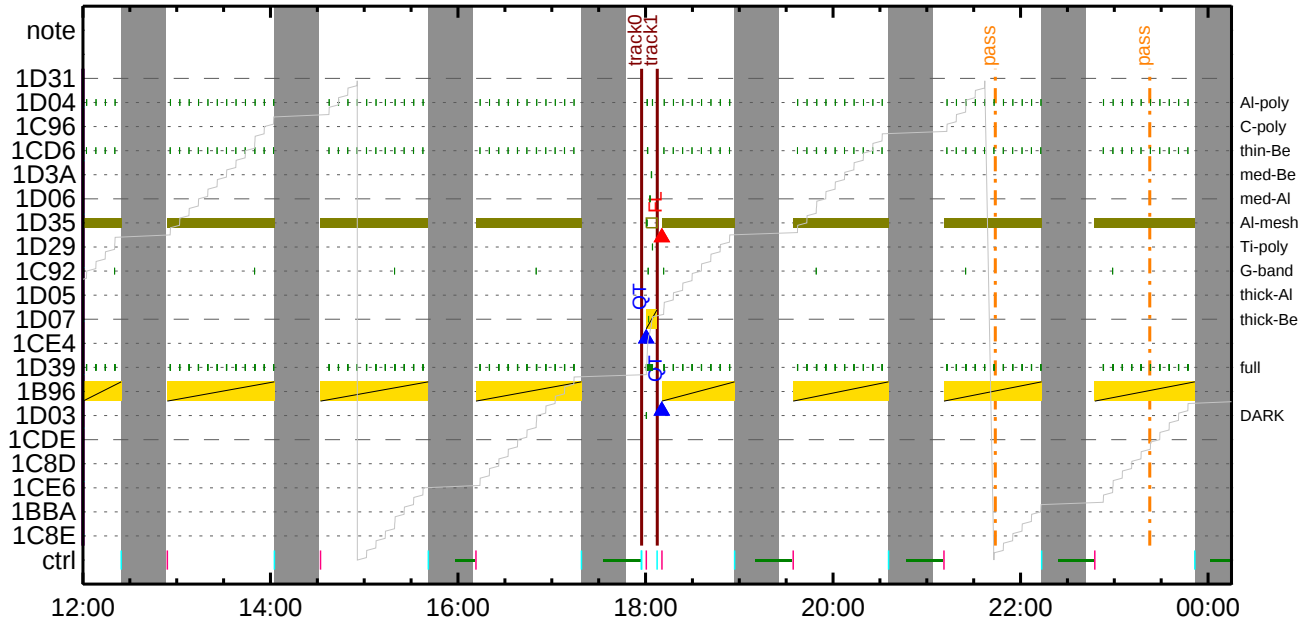
CMDI #0722 2025/07/23



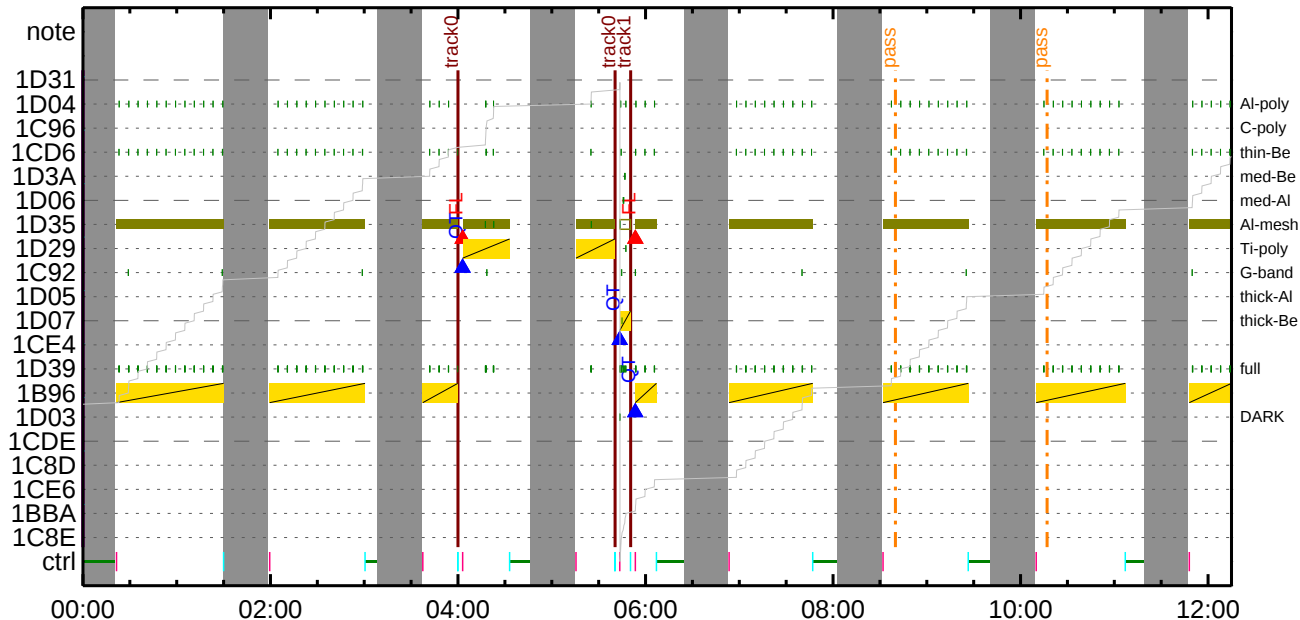
CMDI #0722 2025/07/24



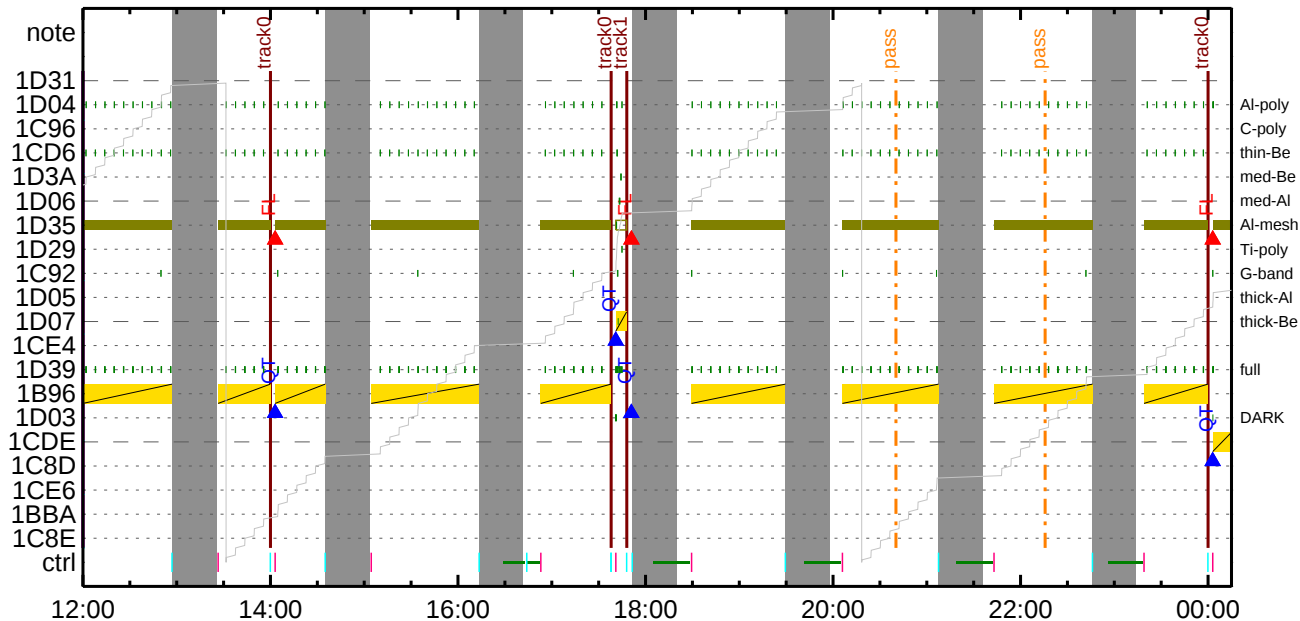
CMDI #0722 2025/07/24



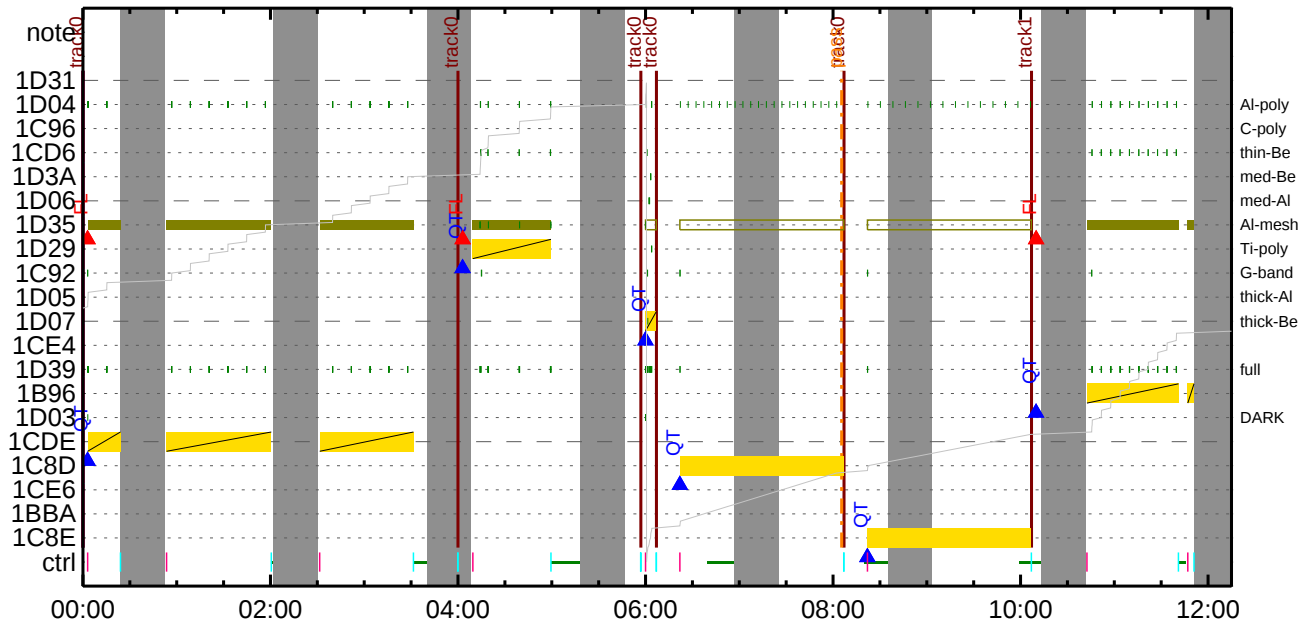
CMDI #0722 2025/07/25



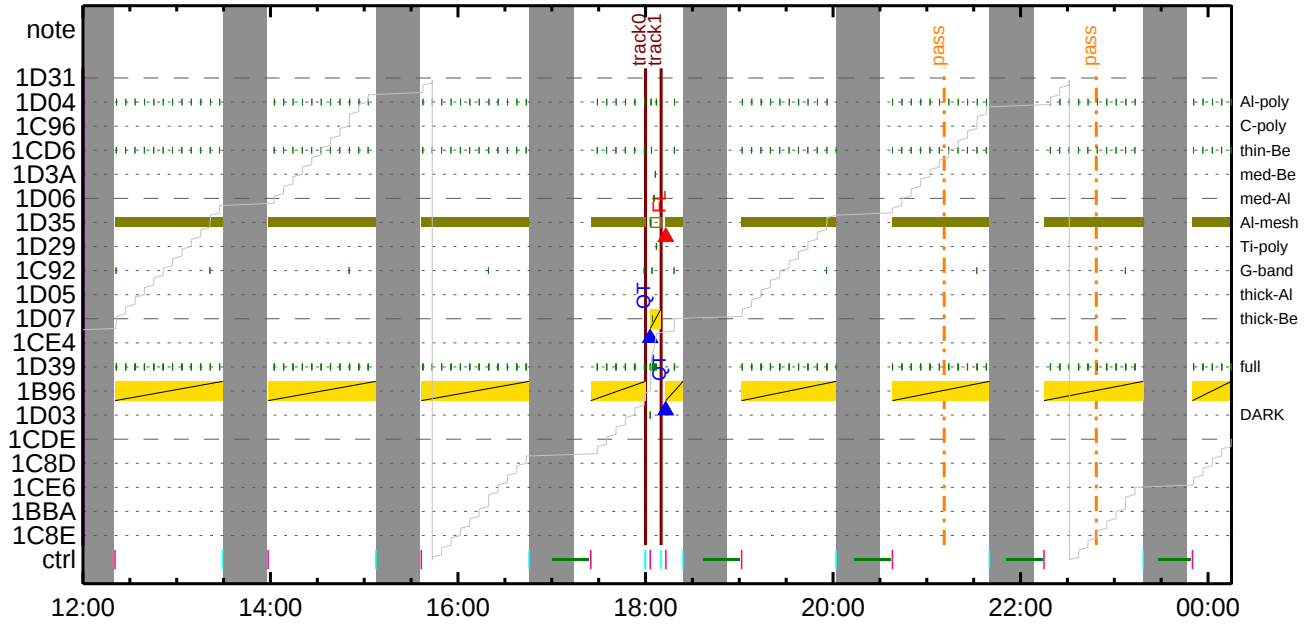
CMDI #0722 2025/07/25



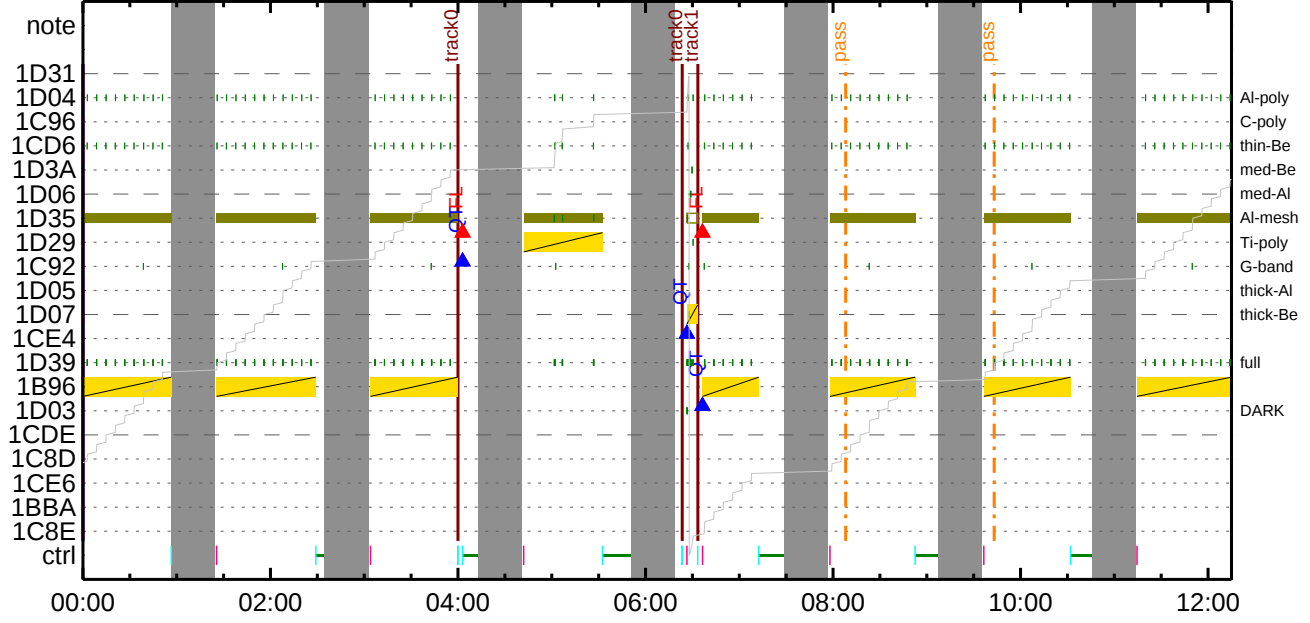
CMDI #0722 2025/07/26



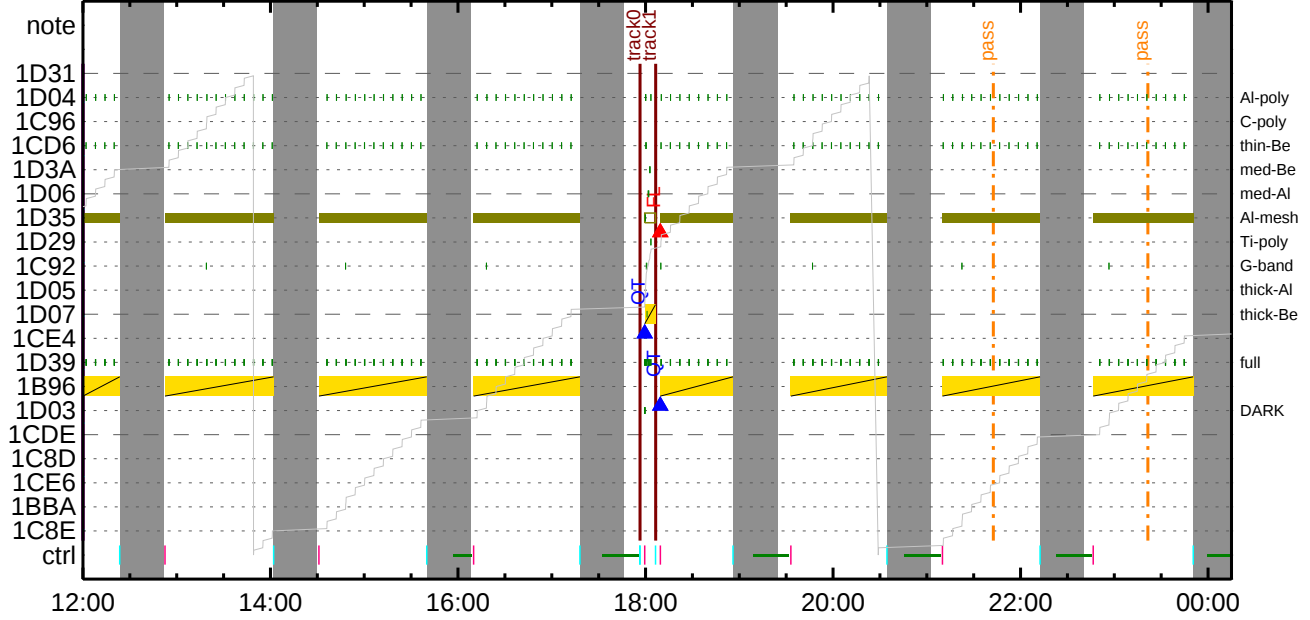
CMDI #0722 2025/07/26



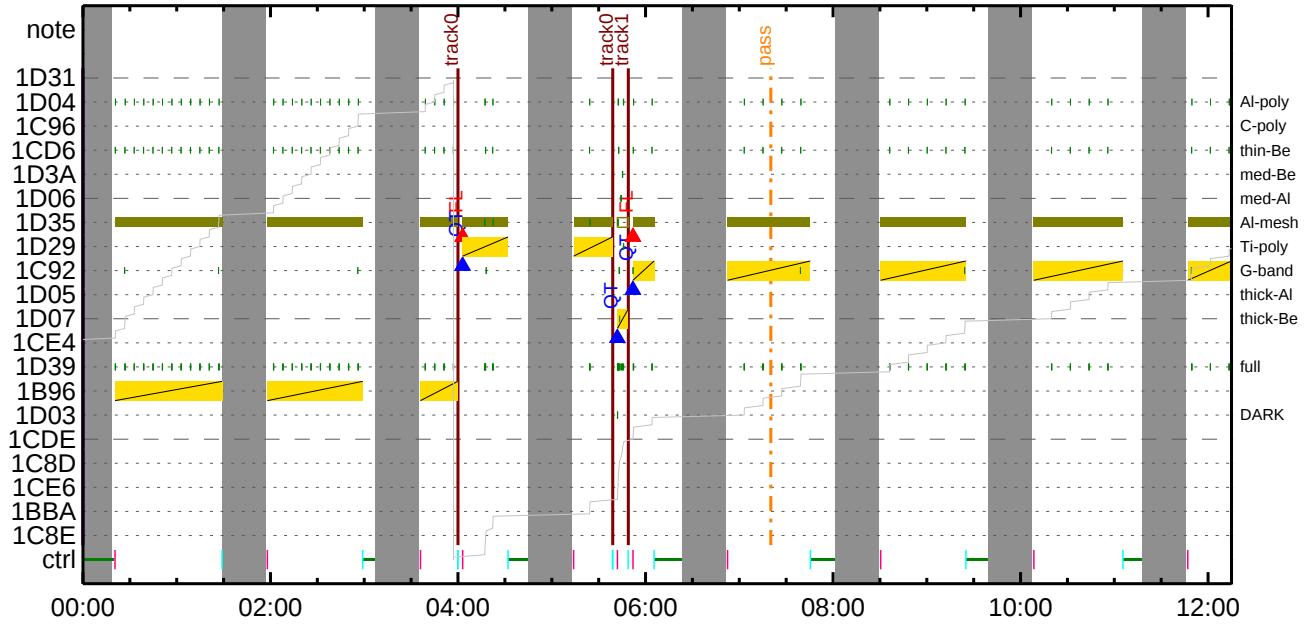
CMDI #0722 2025/07/27



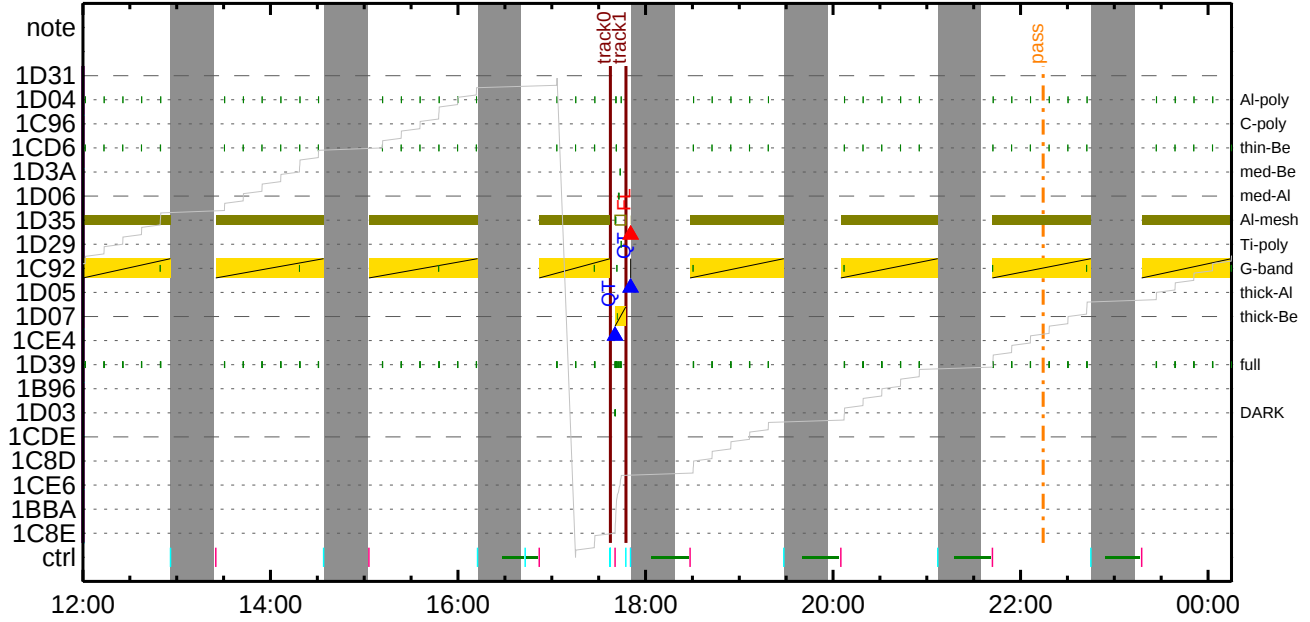
CMDI #0722 2025/07/27



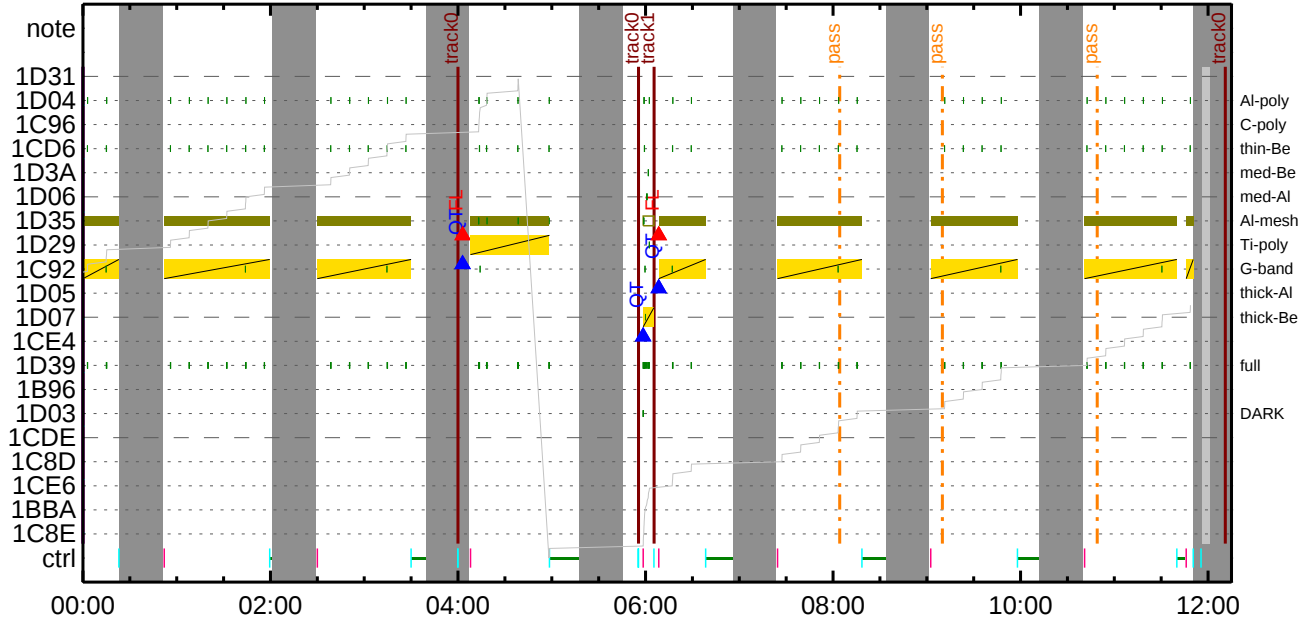
CMDI #0722 2025/07/28



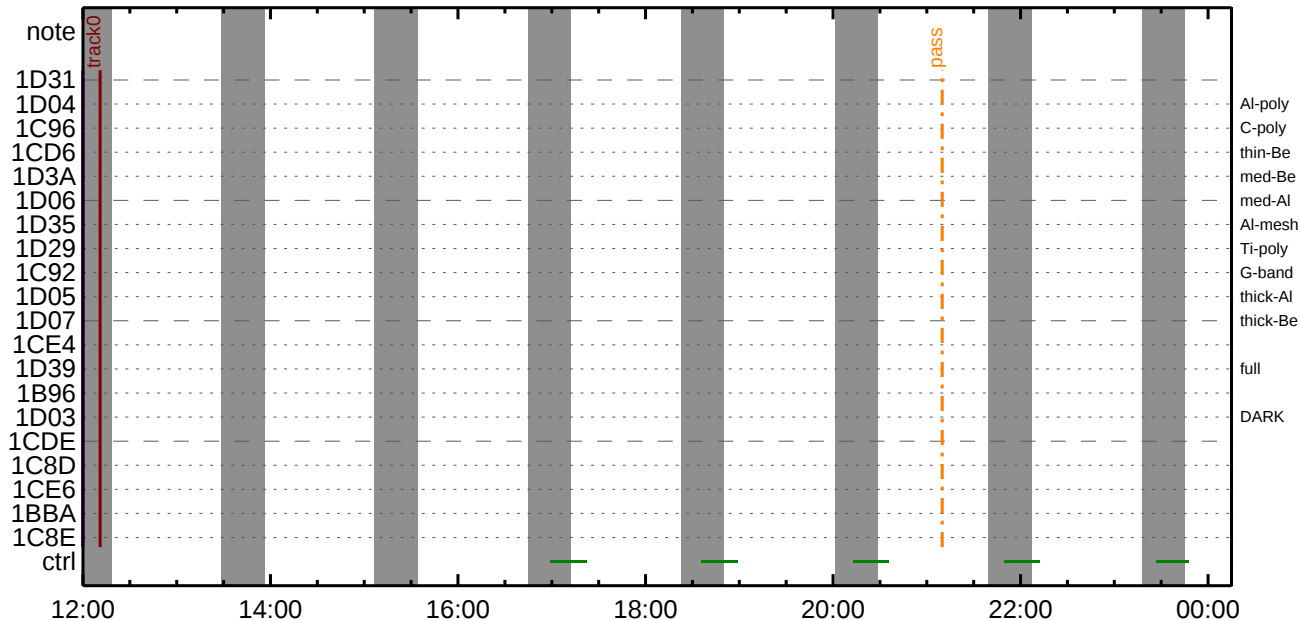
CMDI #0722 2025/07/28



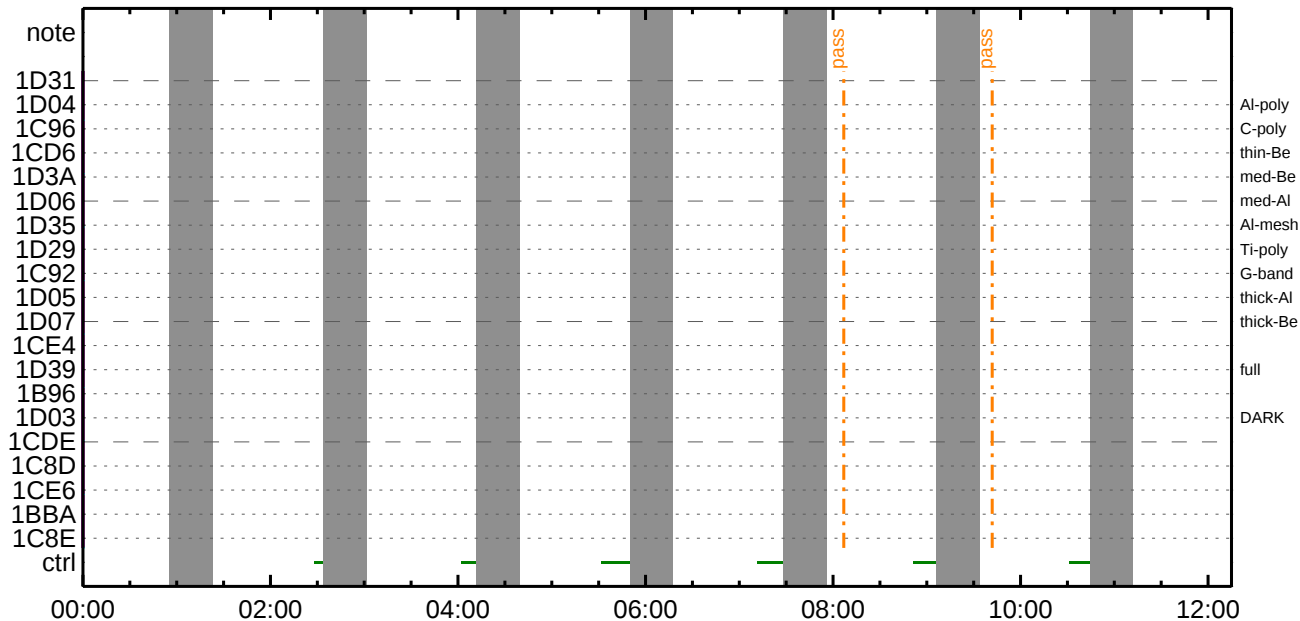
CMDI #0722 2025/07/29



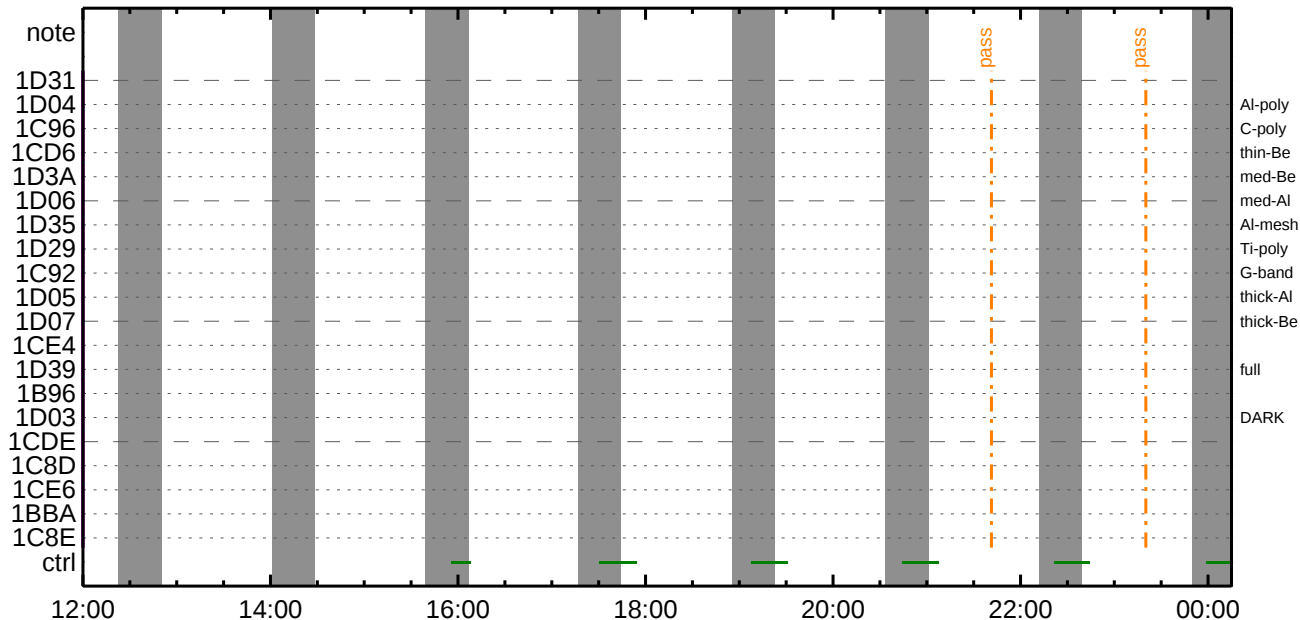
CMDI #0722 2025/07/29



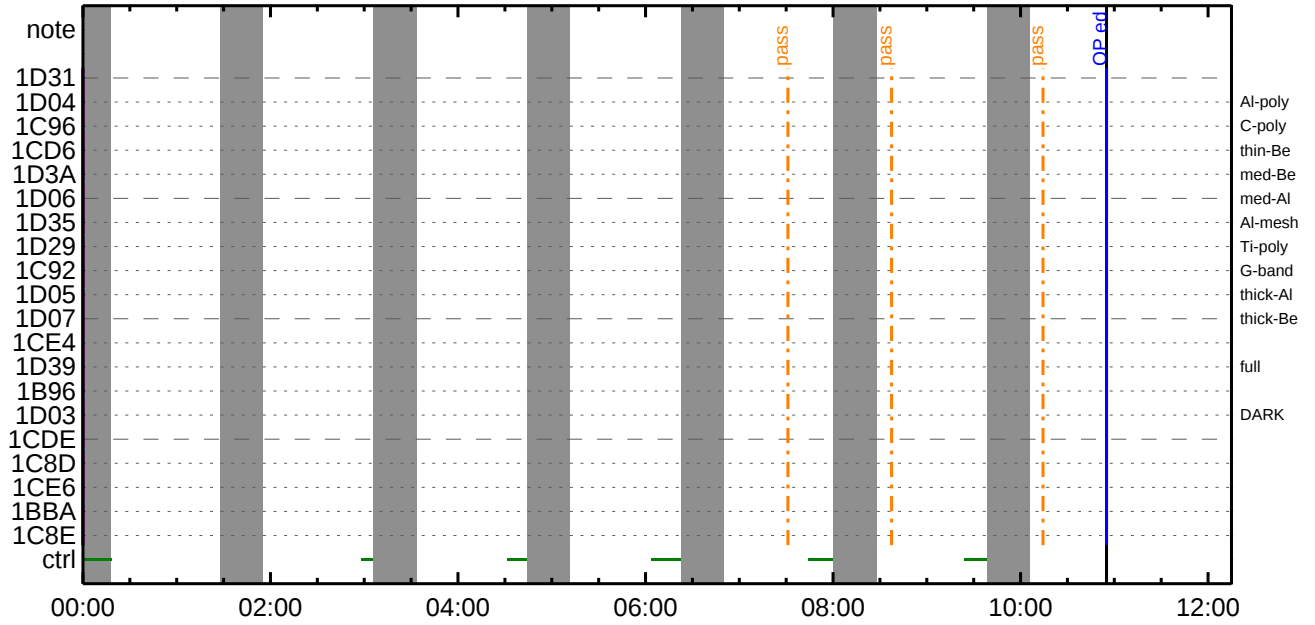
CMDI #0722 2025/07/30



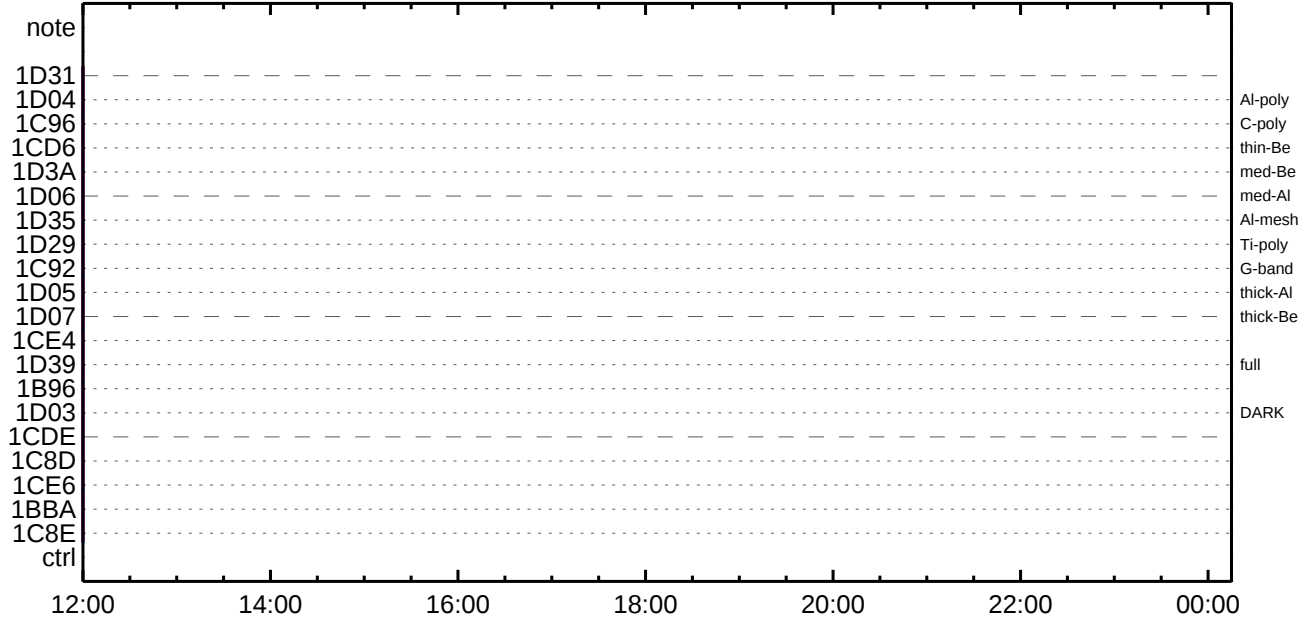
CMDI #0722 2025/07/30



CMDI #0722 2025/07/31



CMDI #0722 2025/07/31



(a) Spacecraft Operation Procedure (real-commands)

```
main-406 2025-07-22 12:39:28 194 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOS¥Á¥$¥Á¥~¼Ä»Ü;ä
0005 C.
0006 C. ¥À¥ß;¼¥³¥Ð¥ó¥ÉÁ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Ë¼Ä¼Ä¼•µ°Æ»Í×ÁÇ¼Í¥Ç¥Á¥×¥í;¼¥É;ËËè¼µ•ííË;ËËË¼°ÇÖ¼•¼¿¼í¹Ç¼Í;ÇÀ®,ù¼¹¼è¼µ¼ÇÁ÷¿®¼•¼Ë¼µ¼³¼È;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. OP/OG¥í;¼¥É;¥Á¥ó¥×
0016 C. *****
0017 C.
0018 . C. ;ãOP/OG¥í;¼¥É;ä
0019 . S. OP op-406:OP
0020 ()
0021 . S. OG og-406:OG
0022 ()
0023 C.
0024 . C. ;ãNMOG&OPíî°è¥Á¥ó¥×;ä
0025 C. NMOG(0x200000-0x207FFF;$ 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°î»¼³îÇ$
0041 C. ¢¢[HK1_DMP_CHK_FLG] EQ NON
0042 . C. RAM ID=NMOG¼î¼Ä¹Ç•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°î»¼³îÇ$
0060 C. ¢¢[HK1_DMP_CHK_FLG] EQ NON
0061 . C. RAM ID=NMOG¼î¼Ä¹Ç•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°î»¼³îÇ$
0079 C. ¢¢[HK1_DMP_CHK_FLG] EQ NON
0080 . C. RAM ID=NMOG, RAM ID=OP¼î¼Ä¹Ç•è²îOK¼³îÇ$
0081 C.
0082 . C. ***** °Ë²¼¼î¼Ä¹Ç¼°¼ËË~¼°Á÷¿® (¼Ä¼µ-¥À¥ó¥×¼°è¼Ç¼³¼°ÁÄ¼µ¼Ç¼°¼µ~¼°è¼¼í¹Ç¼µ¼Ä) *****
0083 C. DHU¥ä;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÷¿®NG¼î¼Ä¹Ç;Ç°Ë²¼¼î¼Ä¹ÇTI-CMDÁ÷¿®¼î¼Ä¹Ç¼°¼µ~¼°è¼¼í¹Ç¼µ¼Ä;£
```

0096	C.	SET EDUMP I± iYŶY¹ QÇ¹ Ô± ; ±³ ±Ē ; Ē		
0097	C.			
0098	C.	TIY³YDYOYÉ±òĀDİ; (UT)		
0099	+. TI	2025-07-22 10:54:00.0		
0100	DC	01-B3 DHU_OP_STOP		
0101	C.	ÇÇ [HK1_TI_CMD_NUM]	EQ	1COUNTUP
0102	C.			
0103	+. TI	2025-07-22 10:54:01.0		
0104	DC	01-B4 DHU_OP_COPY		
0105	C.	ÇÇ [HK1_TI_CMD_NUM]	EQ	1COUNTUP
0106	C.			
0107	+. TI	2025-07-22 10:54:01.0		
0108	DC	01-B5 DHU_OPOG_COPY		
0109	C.	ÇÇ [HK1_TI_CMD_NUM]	EQ	1COUNTUP
0110	C.			
0111	+. TI	2025-07-22 10:58:59.5		
0112	DC	01-B2 DHU_OP_START		
0113	C.	ÇÇ [HK1_TI_CMD_NUM]	EQ	1COUNTUP
0114	C.			
0115	C.	°Ē²¼± ĨĀē¾İİŦ±İYĀY\$YĀY¹ àİÜ		
0116	C.	ÇÇ [HK1_TI_CMD_ENA/DIS]	EQ	ENA
0117	C.	ÇÇ [HK1_TI_CMD_NUM]	EQ	4
0118	C.	ÇÇ [HK1_NEXT_EXEC_PIM]	EQ	DHU
0119	C.	ÇÇ [HK1_NEXT_EXEC_DC]	EQ	0xB3
0120	C.			
0121	C.	*****		
0122	C.	TIİİ°ēYĀYóY×		
0123	C.	*****		
0124	C.			
0125	C.	TI_TBL (0x03AB00-0x03AEFF; \$ 1024byte)		
0126	+. DC	01-23 DHU_DMA_DMP_PRM_SET		
0127	BC	(03 ab 03 01 02)		
0128	C.	ÇÇ [HK1_DMP_TOP_ADRS_1]	EQ	07
0129	C.	ÇÇ [HK1_DMP_TOP_ADRS_0]	EQ	2B
0130	C.	ÇÇ [HK1_DMP_BLOCK_NUM]	EQ	3
0131	C.	ÇÇ [HK1_DMP_REPEAT_NUM]	EQ	0
0132	C.	ÇÇ [HK1_DMA_DMP_PIM]	EQ	DHU
0133	+. DC	01-22 DHU_MODE_CHNG		
0134	BC	(07 0b f8)		
0135	C.	ÇÇ [HK1_PKT_FORM_NO]	EQ	7
0136	C.	ÇÇ [HK1_PKT_GEN_TIME]	EQ	0.25 s
0137	C.	ÇÇ [HK1_S_TLM_BIT_RATE]	EQ	32k
0138	C.	ÇÇ [HK1_X_TLM_BIT_RATE]	EQ	4M
0139	C.	ÇÇ [HK1_DMP_CHK_FLG]	EQ	EXEC
0140	C.			
0141	C.	YĀYóY×½ªİ»±ò³ İÇ\$		
0142	C.	ÇÇ [HK1_DMP_CHK_FLG]	EQ	NON
0143	C.			
0144	C.	RAM ID=TI_TBL±İ¾Ē¹Ç•ē² İOK±ò³ İÇ\$		
0145	C.			
0146	C.	DHUYā;¼YĒ;Ē¼Y½,Yİ;¼YĒ;Ē±òİā±¹		
0147	+. DC	01-22 DHU_MODE_CHNG		
0148	BC	(02 0a f8)		
0149	C.	ÇÇ [HK1_PKT_FORM_NO]	EQ	2
0150	C.	ÇÇ [HK1_PKT_GEN_TIME]	EQ	0.5S
0151	C.	ÇÇ [HK1_S_TLM_BIT_RATE]	EQ	32K
0152	C.	ÇÇ [HK1_X_TLM_BIT_RATE]	EQ	4M
0153	C.			
0154	C.	Stop EIS observation and temporarily disable EIS mode changes		
0155	C.			
0156	C.			
0157	C.	***** Start EIS operation (TI set) *****		
0158	C.	Execute, after the success of OP upload.		
0159	C.	Set EIS TI-commands		
0160	+. TI	2025-07-22 10:58:30.0		
0161	DC	07-FC EIS_MODE_MANU		
0162	BC	(21 02)		
0163	+. TI	2025-07-22 10:58:40.0		
0164	DC	07-FC EIS_MODE_CHG_DIS		
0165	BC	(22)		
0166	C.	[] [HK1_TI_CMD_NUM]	EQ	2 COUNTUP
0167	C.	***** End EIS operation (TI set) *****		
0168	C.			
0169	C.			
0170	C.			
0171	C.	***** XRT START *****		
0172	C.	Execute, after the success of OP upload.		
0173	+. TI	2025-07-22 10:58:00.0		
0174	DC	07-F0 MDP_XRT_MODE_STBY		
0175	BC	(c3)		
0176	C.	[] [HK1_TI_CMD_NUM]	EQ	1COUNTUP
0177	C.			
0178	C.	***** XRT END *****		
0179	C.			
0180	C.	***** MDP 'ĠĀİ±İ»ō¾Y±ĒĀD±¹ ±ēDCBC•×²ē *****		
0181	C.	(¾Ā°İYÓYĀYĒYDYĒYĀYÇYē±Ē½¾±¼Ā»Ü±¹ ±ē)		
0182	S.	DC-BC dcbc-402:DCBC		
0183		(MDP_known_event)		
0184	C.			
0185	C.			
0186	C.	***** YDY¹•İ Daily±İŦ±Ē'Ø±¹ ±ēDCBC•×²ē *****		
0187	S.	DC-BC dcbc-153:DCBC		
0188		(SPECIAL-CMD_DAILY_OPERATIN_DCB)		
0189	C.			
0190	C.			
0191	C.	;āLOSYĀY\$YĀY¹¼Ā»Ü;ä		
0192	C.			
0193	C.	***** LOS *****		


```
main-407 2025-07-22 12:39:28 178 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•;ÇÉÔÍ×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. XŲÐŲóŲÉŲíŲÄŲ~¾ÒÄÖñ¬°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,;¼Ú)
0043 C. ÇÇ[HK1_REP_STA/STP] EQ START (¼Ä¹Ö,;¼Ú)
0044 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö,;¼Ú)
0045 C.
0046 . C. ;ãŲÇŲóŲEŲEŲÄÜÂØ;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,;¼Ú)
0050 C. ÇÇ[HK1_REP_STA/STP] EQ START (¼Ä¹Ö,;¼Ú)
0051 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö,;¼Ú)
0052 C.
0053 C.
0054 . C. PT1°EÄ,ñ¬¼«E°Ää»ßñ•ñçç,ã;Ç°Ê²¼ñò¼Ä¹Öñ¹ñè;£
0055 C. ŲÇŲóŲEŲEŲÄÜÂØñäÄ•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,;¼Ú)
0069 C. ÇÇ[HK1_REP_STA/STP] EQ START (¼Ä¹Ö,;¼Ú)
0070 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö,;¼Ú)
0071 C.
0072 . C. ;ãŲÇŲóŲEŲEŲÄÜÂØ;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,;¼Ú)
0076 C. ÇÇ[HK1_REP_STA/STP] EQ START (¼Ä¹Ö,;¼Ú)
0077 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö,;¼Ú)
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] EQ OFF
```

```

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 = 6647659.1 +- 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 39s
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 2025-07-22 10:58:50.0
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»ö¼ÝñÊÃÐñ¹ñëDCBC•×²è *****
0165 C. (¾å°î¥Ö¥Ã¥Ê¥Ð¥Ê¥Ã¥Ç¥ÊñÊ¼¾ñ¼Ã»Ûñ¹ñë)
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¥¹¼Ã»Û;ã
0176 C.
0177 . C. ***** LOS *****
0178 C.

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(a) Spacecraft Operation Procedure (real-commands)

```
main-408 2025-07-22 12:39:28 108 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;āAOSŸÁŸ$ŸÄŸ~¼Ä»Ü;ä
0005 C.
0006 C. ŸÄŸß;¼Ÿ³ŸDŸóŸÉÄ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Āí;Ēñ¿ñÄñ•µ°Eñİ×ÄÇñİŸçŸÄŸ×Ÿí;¼ŸÉ;ĒĒè½µ•íĒĒ;ĒñĒ¼°ÇÖñ•ñ¿¼ı¹Çñİ;çÄ®, ùñ¹ñĒñDñÇÄ÷¿®ñ•ñĒñññ³ñĒ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 +. DC 07-F0 MDP_XRT_CTRL_MANU
0020 BC (c1)
0021 +. DC 07-F0 MDP_XRT_MODE_STBY
0022 BC (c3)
0023 . C. ----- Success Verify ? OK / NG____
0024 C.
0025 C. XRT Obs. Table Upload
0026 . S. RAM ram-291:MDP_OBS_X
0027 ()
0028 C.
0029 +. DC 07-F0 MDP_DUMP_XRTTBL
0030 BC (84 07 00 00 00 3a d4)
0031 . C. ----- Comparison Check ? OK / ERR ____
0032 C.
0033 C.
0034 +. DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 01 b1 b1 04 04)
0036 +. DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 02 b1 b1 08 08)
0038 +. DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 03 b1 b1 08 08)
0040 +. DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 04 b1 b1 06 06)
0042 +. DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 05 85 83 06 06)
0044 +. DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 06 80 80 20 20)
0046 +. DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 07 80 80 20 08)
0048 +. DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 08 80 80 08 20)
0050 +. DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 09 c0 c0 10 10)
0052 +. DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0a 40 c0 10 10)
0054 +. DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0b 40 40 10 10)
0056 +. DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 0c c0 40 10 10)
0058 +. DC 07-F0 MDP_XRT_ROI_SET
0059 BC (cd 0d 85 83 06 06)
0060 +. DC 07-F0 MDP_XRT_ROI_SET
0061 BC (cd 0e 80 80 06 06)
0062 +. DC 07-F0 MDP_XRT_ROI_SET
0063 BC (cd 0f 80 80 06 06)
0064 +. DC 07-F0 MDP_XRT_ROI_SET
0065 BC (cd 10 80 80 08 08)
0066 +. DC 07-F0 MDP_XRT_FLD_ENA
0067 BC (d8)
0068 +. DC 07-F0 MDP_XRT_FLRCTRL_ENA
0069 BC (c8)
0070 +. DC 07-F0 MDP_XRT_ARS_DIS
0071 BC (d5)
0072 +. DC 07-F0 MDP_XRT_AEC_RESET
0073 BC (d0)
0074 +. DC 07-F0 MDP_XRT_FLD_RESET
0075 BC (da)
0076 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0077 BC (c4 0a)
0078 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0079 BC (c5 0e)
0080 . C. ----- Success Verify ? OK / NG ____
0081 C.
0082 C.
0083 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0084 C.
0085 +. DC 07-F0 MDP_XRT_MODE_OBSV
0086 BC (c2)
0087 +. TI 2025-07-22 10:58:02.0
0088 DC 07-F0 MDP_XRT_MODE_OBSV
0089 BC (c2)
0090 . C. ----- Success Verify ? OK / NG ____
0091 C.
0092 C. ***** XRT END *****
0093 C.
0094 . C. ***** MDP 'úĀîñİ»ö¼ŸñĒĀDñ¹ñĒDCBC•×²è *****
0095 C. (¾ā°İŸÓŸÄŸĒŸDŸĒŸÄŸçŸĒñĒñ¼Ä»Üñ¹ñĒ)
```

```
0096 . S. DC-BC dcbc-402:DCBC
0097 (MDP_known_event)
0098 C.
0099 C.
0100 . C. ***** ¥Ð¥¹•İ Daily±¿İÑ¤Ě'Ø¤¹¤ěDCBC•x²è *****
0101 . S. DC-BC dcbc-153:DCBC
0102 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0103 C.
0104 C.
0105 . C. ;ăLOS¥Á¥S¥Ã¥~¼Â»Ü;ă
0106 C.
0107 . C. ***** LOS *****
0108 C.
```

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main-409 2025-07-22 12:39:28 29 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŸÁ¥$ŸÃŸ~¼Ä»Ü;ä
0005 C.
0006 C. ¥ÄŸß;¼¥³ŸÐŸóŸÉÄ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Äí;Ë¤¿¤Å¤•µ°E»Í×ÀÇ¤ÎŸ¢ŸÄŸ×Ÿí;¼ŸÉ;ÈÈè½µ•îĬÛ;Ë¤È¼°ÇÕ¤•¤¿¾¹Ç¤İ;çÀ®,ù¤¹¤è¤Þ¤ÇÄ÷¿®¤•¤Ê¤¤¤³¤È;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 . C. ***** MDP ´ûÄĬ¤İ»ö¾Ý¤ÈÄ¤¤¹¤éDCBC•x²è *****
0016 C. (%â°ìºÖŸÄŸÈŸÐŸÈŸâŸ¢Ÿë¤È¾¾¤¤¼Ä»Ü¤¹¤è)
0017 . S. DC-BC dcbc-402:DCBC
0018 (MDP_known_event)
0019 C.
0020 C.
0021 . C. ***** ŸÐŸ¹•Ĭ Daily±¿ĬÑ¤È´Ø¤¹¤èDCBC•x²è *****
0022 . S. DC-BC dcbc-153:DCBC
0023 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0024 C.
0025 C.
0026 . C. ;ãLOSŸÁ¥$ŸÃŸ~¼Ä»Ü;ä
0027 C.
0028 . C. ***** LOS *****
0029 C.
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Jul 22, 25 12:39

XRT_OGLIST_0722.chk

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*** OP Sequence for XRT ***

2025/07/22	11:08:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/22	11:08:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/22	11:08:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/07/22	11:09:00.0	AOCS_Ore-point_Start_1_OG [0x097]		
		AOCU_NM	5	02-76 00 bb 13 01 b2
2025/07/22	11:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/07/22	12:58:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/22	12:58:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/22	12:58:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/07/22	13:01:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/07/22	14:36:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/22	14:36:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/22	14:36:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/07/22	14:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/07/22	16:14:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/22	16:14:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/22	16:14:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/07/22	16:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/07/22	16:45:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/22	16:45:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/22	16:45:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/07/22	16:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/07/22	17:38:30.0	AOCS_Ore-point_Start_2_OG [0x098]		
		AOCU_NM	5	02-76 00 00 00 00 00
2025/07/22	17:48:30.0	AOCS_Ore-point_Start_3_OG [0x099]		
		AOCU_NM	5	02-76 01 05 ca 01 b2
2025/07/22	17:52:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/22	17:52:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/22	17:52:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/07/22	17:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/07/22	19:30:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/22	19:30:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/22	19:30:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/07/22	19:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/07/22	21:08:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/22	21:08:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/22	21:08:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/07/22	21:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/07/22	22:47:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/22	22:47:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/22	22:47:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/07/22	22:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/07/23	00:25:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/23	00:25:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/23	00:25:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/07/23	00:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/07/23	02:02:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/23	02:02:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/23	02:02:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]		

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2025/07/23	02:05:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/07/23	03:32:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/07/23	03:32:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/23	03:32:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/07/23	03:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/07/23	05:01:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/07/23	05:01:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/23	05:01:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/07/23	05:04:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/07/23	05:58:00.0	AOCS_ORe-point_Start_2_OG [0x098]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/07/23	06:00:00.0	XRT_CTRL_MANU_400_OG [0x190]	AOCU_NM	5	02-76	00 00 00 00 00	
2025/07/23	06:00:02.0	XRT_TCIB_XRT_S_HTR_A_DIS_445_OG [0x1bd]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/23	06:08:00.0	AOCS_ORe-point_Start_3_OG [0x099]	TCIB_XRT_S_HTR_A_DIS	0	04-C0		
2025/07/23	06:41:00.0	XRT_CTRL_MANU_400_OG [0x190]	AOCU_NM	5	02-76	01 05 ca 01 b2	
2025/07/23	06:41:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/23	06:41:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/07/23	06:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/07/23	08:21:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/07/23	08:21:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/23	08:21:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/07/23	08:24:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/07/23	09:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/07/23	10:00:30.0	XRT_CTRL_MANU_400_OG [0x190]	AOCU_NM	5	02-76	00 00 00 00 00	
2025/07/23	10:00:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/23	10:00:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/07/23	10:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/07/23	11:42:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/07/23	11:42:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/23	11:42:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/07/23	11:45:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/07/23	11:52:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/07/23	11:52:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/23	11:52:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/07/23	11:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/07/23	12:24:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/07/23	12:24:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/23	12:24:58.0	XRT_FOCUS_RECALIBRATE_407_OG [0x197]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/23	12:25:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	XRT_FOCUS_RECAL	2	07-F8	78 00	
2025/07/23	12:28:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	AOCU_NM	5	02-76	00 2e f9 2e f9	
2025/07/23	12:29:18.0	XRT_ARS_DIS_427_OG [0x1ab]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2025/07/23	12:29:20.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/07/23	12:29:22.0	XRT_FLD_DIS_432_OG [0x1b0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2025/07/23	12:29:24.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2025/07/23	12:29:26.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06	
2025/07/23	12:34:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/07/23	12:34:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/23			MDP_XRT_CTRL_MANU	1	07-F0	c1	

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2025/07/23	13:30:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
			MDP_XRT_FLD_RESET	1	07-F0	da	
2025/07/23	13:30:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/07/23	13:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/07/23	13:59:00.0	XRT_Custom_430_OG [0x1ae]					
2025/07/23	14:00:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/07/23	15:08:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/23	15:08:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/07/23	15:08:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/07/23	15:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/07/23	15:37:00.0	XRT_Custom_430_OG [0x1ae]					
2025/07/23	15:38:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/07/23	16:46:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/23	16:46:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/07/23	16:46:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/07/23	16:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/07/23	17:25:00.0	XRT_Custom_430_OG [0x1ae]					
2025/07/23	17:26:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/07/23	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/23	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/23	17:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2025/07/23	18:00:00.0	AOCs_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2025/07/23	18:00:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2025/07/23	18:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2025/07/23	18:00:22.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/07/23	18:02:58.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a	
2025/07/23	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/07/23	18:10:00.0	AOCs_Ore-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	00 d0 e6 2f 1a	
2025/07/23	18:22:00.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/23	18:22:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/23	18:22:04.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2025/07/23	18:22:24.0	XRT_FLD_DIS_428_OG [0x1ac]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2025/07/23	18:24:24.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2025/07/23	18:24:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/07/23	18:24:28.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14	
2025/07/23	18:24:30.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/07/23	19:01:35.5	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/23	19:01:37.5	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/23	19:01:39.5	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2025/07/23	19:01:59.5	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2025/07/23	19:02:01.5	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2025/07/23	19:02:03.5	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2025/07/23	19:02:05.5	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/07/23	19:02:07.5	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/07/23	19:04:37.5	XRT_QT_PROG_SET_405_OG [0x195]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09	
2025/07/23	19:04:39.5	XRT_FL_PROG_SET_422_OG [0x1a6]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 12	
2025/07/23	19:04:41.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/07/23	19:14:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/23	19:14:56.0	XRT_ROI_A_410_OG [0x19a]					

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			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	80	08	08
			MDP_XRT_ROI_SET	6	07-F0	cd	0a	85	83	08	08
			MDP_XRT_ROI_SET	6	07-F0	cd	0b	80	60	20	18
			MDP_XRT_ROI_SET	6	07-F0	cd	0c	a0	80	18	20
			MDP_XRT_ROI_SET	6	07-F0	cd	0f	80	80	06	06
2025/07/23	19:14:56.5	XRT_ROI_B_441_OG	[0x1b9]								
			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
2025/07/23	19:15:00.0	AOCS_ORe-point_Start_3_OG	[0x099]								
			AOCU_NM	5	02-76	01	05	ca	01	b2	
2025/07/23	19:15:01.5	XRT_FOCUS_POSITION_406_OG	[0x196]								
			XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00		
2025/07/23	19:15:21.5	XRT_FLD_ENA_411_OG	[0x19b]								
			MDP_XRT_FLD_ENA	1	07-F0	d8					
2025/07/23	19:15:23.5	XRT_FLRCTRL_ENA_412_OG	[0x19c]								
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8					
2025/07/23	19:15:25.5	XRT_AEC_RESET_448_OG	[0x1c0]								
			MDP_XRT_AEC_RESET	1	07-F0	d0					
2025/07/23	19:15:27.5	XRT_ARS_DIS_423_OG	[0x1a7]								
			MDP_XRT_ARS_DIS	1	07-F0	d5					
2025/07/23	19:15:29.5	XRT_FLD_RESET_446_OG	[0x1be]								
			MDP_XRT_FLD_RESET	1	07-F0	da					
2025/07/23	19:18:01.5	XRT_QT_PROG_SET_401_OG	[0x191]								
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	07				
2025/07/23	19:18:03.5	XRT_FL_PROG_SET_439_OG	[0x1b7]								
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e				
2025/07/23	19:18:05.5	XRT_CTRL_AUTO_408_OG	[0x198]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2025/07/23	20:03:00.0	XRT_CTRL_MANU_400_OG	[0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1					
2025/07/23	20:03:02.0	XRT_FLD_RESET_415_OG	[0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da					
2025/07/23	20:03:04.0	XRT_PREFLR_STRT_433_OG	[0x1b1]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2025/07/23	20:06:14.0	XRT_PREFLR_STOP_419_OG	[0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2025/07/23	20:38:00.0	XRT_Custom_430_OG	[0x1ae]								
2025/07/23	20:39:00.0	XRT_CTRL_AUTO_424_OG	[0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2025/07/23	21:41:00.0	XRT_CTRL_MANU_400_OG	[0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1					
2025/07/23	21:41:02.0	XRT_FLD_RESET_415_OG	[0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da					
2025/07/23	21:41:04.0	XRT_PREFLR_STRT_433_OG	[0x1b1]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2025/07/23	21:44:14.0	XRT_PREFLR_STOP_419_OG	[0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2025/07/23	22:15:00.0	XRT_Custom_430_OG	[0x1ae]								
2025/07/23	22:16:00.0	XRT_CTRL_AUTO_424_OG	[0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2025/07/23	23:19:00.0	XRT_CTRL_MANU_400_OG	[0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1					
2025/07/23	23:19:02.0	XRT_FLD_RESET_415_OG	[0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da					
2025/07/23	23:19:04.0	XRT_PREFLR_STRT_433_OG	[0x1b1]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2025/07/23	23:22:14.0	XRT_PREFLR_STOP_419_OG	[0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2025/07/23	23:50:00.0	XRT_Custom_430_OG	[0x1ae]								
2025/07/23	23:51:00.0	XRT_CTRL_AUTO_424_OG	[0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2025/07/24	00:57:30.0	XRT_CTRL_MANU_400_OG	[0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1					
2025/07/24	00:57:32.0	XRT_FLD_RESET_415_OG	[0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da					
2025/07/24	00:57:34.0	XRT_PREFLR_STRT_433_OG	[0x1b1]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2025/07/24	01:00:44.0	XRT_PREFLR_STOP_419_OG	[0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2025/07/24	01:26:00.0	XRT_Custom_430_OG	[0x1ae]								
2025/07/24	01:27:00.0	XRT_CTRL_AUTO_424_OG	[0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2025/07/24	02:30:30.0	XRT_CTRL_MANU_400_OG	[0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1					
2025/07/24	02:30:32.0	XRT_FLD_RESET_415_OG	[0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da					
2025/07/24	02:30:34.0	XRT_PREFLR_STRT_433_OG	[0x1b1]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2025/07/24	02:33:44.0	XRT_PREFLR_STOP_419_OG	[0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2025/07/24	03:04:00.0	XRT_Custom_430_OG	[0x1ae]								
2025/07/24	03:05:00.0	XRT_CTRL_AUTO_424_OG	[0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2025/07/24	03:59:54.0	XRT_CTRL_MANU_402_OG	[0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1					
2025/07/24	03:59:56.0	XRT_CTRL_MANU_402_OG	[0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1					
2025/07/24	03:59:58.0	XRT_FOCUS_POSITION_406_OG	[0x196]								
			XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00		
2025/07/24	04:00:00.0	AOCS_ORe-point_Start_2_OG	[0x098]								

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2025/07/24	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76 00 00 00 00 00
		MDP_XRT_FLD_ENA		1	07-F0 d8
2025/07/24	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA		1	07-F0 c8
2025/07/24	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET		1	07-F0 d0
2025/07/24	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS		1	07-F0 d5
2025/07/24	04:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET		1	07-F0 da
2025/07/24	04:02:56.0	XRT_QT_PROG_SET_443_OG [0x1bb]			
		MDP_XRT_QT_PROG_SET		2	07-F0 c4 0d
2025/07/24	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET		2	07-F0 c5 0e
2025/07/24	04:04:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU		1	07-F0 c1
2025/07/24	04:04:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET		1	07-F0 da
2025/07/24	04:04:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT		1	07-F0 e8
2025/07/24	04:07:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP		1	07-F0 e9
2025/07/24	04:42:30.0	XRT_Custom_430_OG [0x1ae]			
2025/07/24	04:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO		1	07-F0 c0
2025/07/24	05:34:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU		1	07-F0 c1
2025/07/24	05:34:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET		1	07-F0 da
2025/07/24	05:34:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT		1	07-F0 e8
2025/07/24	05:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP		1	07-F0 e9
2025/07/24	06:24:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU		1	07-F0 c1
2025/07/24	06:24:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU		1	07-F0 c1
2025/07/24	06:24:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION		4	07-F8 22 ff aa 00
2025/07/24	06:25:00.0	AOCs_ORe-point_Start_2_OG [0x098]			
		AOCU_NM		5	02-76 00 00 00 00 00
2025/07/24	06:25:18.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS		1	07-F0 d9
2025/07/24	06:25:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS		1	07-F0 c9
2025/07/24	06:25:22.0	XRT_ARS_DIS_435_OG [0x1b3]			
		MDP_XRT_ARS_DIS		1	07-F0 d5
2025/07/24	06:27:58.0	XRT_QT_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_QT_PROG_SET		2	07-F0 c4 0a
2025/07/24	06:28:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO		1	07-F0 c0
2025/07/24	06:34:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU		1	07-F0 c1
2025/07/24	06:34:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION		4	07-F8 22 ff aa 00
2025/07/24	06:35:00.0	AOCs_ORe-point_Start_3_OG [0x099]			
		AOCU_NM		5	02-76 01 05 ca 01 b2
2025/07/24	06:35:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA		1	07-F0 d8
2025/07/24	06:35:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA		1	07-F0 c8
2025/07/24	06:35:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET		1	07-F0 d0
2025/07/24	06:35:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS		1	07-F0 d5
2025/07/24	06:35:24.0	XRT_FLD_RESET_446_OG [0x1be]			
		MDP_XRT_FLD_RESET		1	07-F0 da
2025/07/24	06:37:56.0	XRT_QT_PROG_SET_401_OG [0x191]			
		MDP_XRT_QT_PROG_SET		2	07-F0 c4 07
2025/07/24	06:37:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET		2	07-F0 c5 0e
2025/07/24	06:38:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO		1	07-F0 c0
2025/07/24	07:14:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU		1	07-F0 c1
2025/07/24	07:14:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET		1	07-F0 da
2025/07/24	07:14:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT		1	07-F0 e8
2025/07/24	07:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP		1	07-F0 e9
2025/07/24	07:58:30.0	XRT_Custom_430_OG [0x1ae]			
2025/07/24	07:59:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO		1	07-F0 c0
2025/07/24	08:54:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU		1	07-F0 c1
2025/07/24	08:54:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET		1	07-F0 da
2025/07/24	08:54:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT		1	07-F0 e8
2025/07/24	08:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP		1	07-F0 e9

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2025/07/24	09:37:00.0	XRT_Custom_430_OG [0x1ae]		
2025/07/24	09:38:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/07/24	10:33:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/24	10:33:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/24	10:33:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/07/24	10:36:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/07/24	10:59:54.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/24	10:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]		
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2025/07/24	11:00:00.0	AOCS_ORe-point_Start_9_OG [0x09f]		
		AOCU_NM	5	02-76 00 4c 49 01 b2
2025/07/24	11:00:16.0	XRT_FLD_ENA_411_OG [0x19b]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2025/07/24	11:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2025/07/24	11:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]		
		MDP_XRT_AEC_RESET	1	07-F0 d0
2025/07/24	11:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2025/07/24	11:00:24.0	XRT_FLD_RESET_446_OG [0x1be]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/24	11:02:56.0	XRT_QT_PROG_SET_401_OG [0x191]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 07
2025/07/24	11:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0e
2025/07/24	11:15:01.0	XRT_Custom_430_OG [0x1ae]		
2025/07/24	11:16:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/07/24	12:24:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/24	12:24:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/24	12:24:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/07/24	12:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/07/24	12:53:00.0	XRT_Custom_430_OG [0x1ae]		
2025/07/24	12:54:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/07/24	14:02:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/24	14:02:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/24	14:02:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/07/24	14:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/07/24	14:31:00.0	XRT_Custom_430_OG [0x1ae]		
2025/07/24	14:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/07/24	15:41:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/24	15:41:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/24	15:41:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/07/24	15:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/07/24	16:10:30.0	XRT_Custom_430_OG [0x1ae]		
2025/07/24	16:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/07/24	17:19:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/24	17:19:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/24	17:19:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/07/24	17:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/07/24	17:57:24.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/24	17:57:26.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/24	17:57:28.0	XRT_FOCUS_POSITION_406_OG [0x196]		
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2025/07/24	17:57:30.0	AOCS_ORe-point_Start_2_OG [0x098]		
		AOCU_NM	5	02-76 00 00 00 00 00
2025/07/24	17:57:48.0	XRT_FLD_DIS_409_OG [0x199]		
		MDP_XRT_FLD_DIS	1	07-F0 d9
2025/07/24	17:57:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]		
		MDP_XRT_FLRCTRL_DIS	1	07-F0 c9
2025/07/24	17:57:52.0	XRT_ARS_DIS_435_OG [0x1b3]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2025/07/24	18:00:28.0	XRT_QT_PROG_SET_440_OG [0x1b8]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 0a
2025/07/24	18:00:30.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0

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2025/07/24	18:07:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/24	18:07:26.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/07/24	18:07:30.0	AOCs_ORe-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	01 05 ca 01 b2
2025/07/24	18:07:46.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/07/24	18:07:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/07/24	18:07:50.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/07/24	18:07:52.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/07/24	18:07:54.0	XRT_FLD_RESET_446_OG [0x1be]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/24	18:10:26.0	XRT_QT_PROG_SET_401_OG [0x191]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2025/07/24	18:10:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/07/24	18:10:30.5	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/24	18:57:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/24	18:57:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/24	18:57:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/24	19:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/24	19:33:30.5	XRT_Custom_430_OG [0x1ae]			
2025/07/24	19:34:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/24	20:35:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/24	20:35:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/24	20:35:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/24	20:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/24	21:10:00.0	XRT_Custom_430_OG [0x1ae]			
2025/07/24	21:11:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/24	22:13:30.5	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/24	22:13:32.5	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/24	22:13:34.5	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/24	22:16:44.5	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/24	22:46:30.0	XRT_Custom_430_OG [0x1ae]			
2025/07/24	22:47:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/24	23:51:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/24	23:51:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/24	23:51:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/24	23:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/25	00:20:30.0	XRT_Custom_430_OG [0x1ae]			
2025/07/25	00:21:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/25	01:30:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/25	01:30:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/25	01:30:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/25	01:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/25	01:58:30.0	XRT_Custom_430_OG [0x1ae]			
2025/07/25	01:59:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/25	03:00:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/25	03:00:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/25	03:00:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/25	03:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/25	03:36:30.0	XRT_Custom_430_OG [0x1ae]			
2025/07/25	03:37:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/25	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/25	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/25	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			

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2025/07/25	04:00:00.0	AOCs_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
		AOCU_NM		5	02-76 00 00 00 00 00
2025/07/25	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0 d8
2025/07/25	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2025/07/25	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0 d0
2025/07/25	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0 d5
2025/07/25	04:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/25	04:02:56.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_QT_PROG_SET	2	07-F0 c4 0d
2025/07/25	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0 c5 0e
2025/07/25	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/07/25	04:33:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/25	04:33:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/25	04:33:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/07/25	04:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/07/25	05:14:30.0	XRT_Custom_430_OG [0x1ae]			
2025/07/25	05:15:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/07/25	05:40:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/25	05:40:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/25	05:40:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2025/07/25	05:40:30.0	AOCs_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76 00 00 00 00 00
2025/07/25	05:40:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0 d9
2025/07/25	05:40:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0 c9
2025/07/25	05:40:52.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0 d5
2025/07/25	05:43:28.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0 c4 0a
2025/07/25	05:43:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/07/25	05:50:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/25	05:50:26.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2025/07/25	05:50:30.0	AOCs_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76 01 05 ca 01 b2
2025/07/25	05:50:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0 d8
2025/07/25	05:50:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2025/07/25	05:50:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0 d0
2025/07/25	05:50:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0 d5
2025/07/25	05:50:54.0	XRT_FLD_RESET_446_OG [0x1be]	MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/25	05:53:26.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0 c4 07
2025/07/25	05:53:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0 c5 0e
2025/07/25	05:53:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/07/25	06:07:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/25	06:07:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/25	06:07:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/07/25	06:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/07/25	06:52:30.0	XRT_Custom_430_OG [0x1ae]			
2025/07/25	06:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/07/25	07:47:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/25	07:47:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/25	07:47:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/07/25	07:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/07/25	08:31:00.0	XRT_Custom_430_OG [0x1ae]			
2025/07/25	08:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/07/25	09:26:30.0	XRT_CTRL_MANU_400_OG [0x190]			

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2025/07/25	09:26:32.0	MDP_XRT_CTRL_MANU	1	07-F0	c1
		XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/25	09:26:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/25	09:29:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/25	10:09:00.0	XRT_Custom_430_OG [0x1ae]			
2025/07/25	10:10:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/25	11:07:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/25	11:07:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/25	11:07:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/25	11:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/25	11:47:00.0	XRT_Custom_430_OG [0x1ae]			
2025/07/25	11:48:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/25	12:57:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/25	12:57:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/25	12:57:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/25	13:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/25	13:25:30.0	XRT_Custom_430_OG [0x1ae]			
2025/07/25	13:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/25	13:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/25	13:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/07/25	14:00:00.0	AOCs_ORe-point_Start_10_OG [0x0a0]			
		AOCU_NM	5	02-76	00 00 00 ab 8e
2025/07/25	14:00:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/07/25	14:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/07/25	14:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/07/25	14:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/07/25	14:00:24.0	XRT_FLD_RESET_446_OG [0x1be]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/25	14:02:56.0	XRT_QT_PROG_SET_401_OG [0x191]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2025/07/25	14:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/07/25	14:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/25	14:35:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/25	14:35:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/25	14:35:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/25	14:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/25	15:03:30.0	XRT_Custom_430_OG [0x1ae]			
2025/07/25	15:04:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/25	16:13:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/25	16:13:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/25	16:13:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/25	16:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/25	16:44:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/25	16:44:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/25	16:44:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/25	16:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/25	16:52:00.0	XRT_Custom_430_OG [0x1ae]			
2025/07/25	16:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/25	17:37:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/25	17:37:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/25	17:37:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/07/25	17:38:00.0	AOCs_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/07/25	17:38:18.0	XRT_FLD_DIS_409_OG [0x199]			

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2025/07/25	17:38:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9
2025/07/25	17:38:22.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/07/25	17:40:58.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/07/25	17:41:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2025/07/25	17:47:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/25	17:47:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/25	17:48:00.0	AOCs_ORe-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/07/25	17:48:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	01 05 ca 01 b2
2025/07/25	17:48:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2025/07/25	17:48:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/07/25	17:48:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2025/07/25	17:48:24.0	XRT_FLD_RESET_446_OG [0x1be]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/07/25	17:50:56.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/25	17:50:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2025/07/25	17:51:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/07/25	17:51:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/25	17:51:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/25	17:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/25	18:28:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/25	18:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2025/07/25	19:29:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/25	19:29:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/25	19:29:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/25	19:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/25	20:05:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/25	20:06:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2025/07/25	21:07:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/25	21:07:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/25	21:07:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/25	21:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/25	21:42:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/25	21:43:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2025/07/25	22:46:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/25	22:46:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/25	22:46:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/25	22:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/25	23:18:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/25	23:19:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2025/07/25	23:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/25	23:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/26	00:00:00.0	AOCs_ORe-point_Start_11_OG [0x0a1]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/07/26	00:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 05 ca 01 b2
2025/07/26	00:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2025/07/26	00:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/07/26	00:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2025/07/26	00:00:24.0	XRT_FLD_RESET_446_OG [0x1be]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/07/26	00:02:56.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/26	00:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e

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2025/07/26	00:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/07/26	00:24:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/07/26	00:24:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/07/26	00:24:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/07/26	00:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/07/26	00:52:30.0	XRT_Custom_430_OG [0x1ae]							
2025/07/26	00:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/07/26	02:00:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/07/26	02:00:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/07/26	02:00:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/07/26	02:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/07/26	02:30:30.0	XRT_Custom_430_OG [0x1ae]							
2025/07/26	02:31:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/07/26	03:31:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/07/26	03:31:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/07/26	03:31:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/07/26	03:34:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/07/26	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/07/26	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/07/26	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2025/07/26	04:00:00.0	AOCs_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2025/07/26	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2025/07/26	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2025/07/26	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2025/07/26	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/07/26	04:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/07/26	04:02:56.0	XRT_QT_PROG_SET_443_OG [0x1bb]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2025/07/26	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2025/07/26	04:08:30.0	XRT_Custom_430_OG [0x1ae]							
2025/07/26	04:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/07/26	04:59:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/07/26	04:59:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/07/26	04:59:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/07/26	05:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/07/26	05:56:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/07/26	05:56:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/07/26	05:56:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2025/07/26	05:57:00.0	AOCs_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2025/07/26	05:57:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2025/07/26	05:57:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2025/07/26	05:57:22.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/07/26	05:59:58.0	XRT_QT_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2025/07/26	06:00:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/07/26	06:06:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/07/26	06:06:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/07/26	06:06:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2025/07/26	06:07:00.0	AOCs_Ore-point_Start_12_OG [0x0a2]							
		AOCU_NM	5	02-76	00 ad 59 00 00				
2025/07/26	06:07:18.0	XRT_FLD_DIS_421_OG [0x1a5]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				

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2025/07/26	06:21:54.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2025/07/26	06:21:56.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/07/26	06:21:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	04			
2025/07/26	06:22:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/07/26	08:06:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/07/26	08:06:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/07/26	08:06:58.0	XRT_FOCUS_POSITION_417_OG [0x1a1]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2025/07/26	08:07:00.0	AOCS_ORe-point_Start_13_OG [0x0a3]							
		AOCU_NM	5	02-76	00	00	00	56	35
2025/07/26	08:07:18.0	XRT_FLD_DIS_421_OG [0x1a5]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2025/07/26	08:21:54.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/07/26	08:21:56.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2025/07/26	08:21:58.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	01			
2025/07/26	08:22:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/07/26	10:06:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/07/26	10:06:56.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2025/07/26	10:07:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	01	05	ca	01	b2
2025/07/26	10:07:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2025/07/26	10:07:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2025/07/26	10:07:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2025/07/26	10:07:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/07/26	10:07:24.0	XRT_FLD_RESET_446_OG [0x1be]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/07/26	10:09:56.0	XRT_QT_PROG_SET_401_OG [0x191]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	07			
2025/07/26	10:09:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e			
2025/07/26	10:41:30.0	XRT_Custom_430_OG [0x1ae]							
2025/07/26	10:42:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/07/26	11:41:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/07/26	11:41:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/07/26	11:41:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/07/26	11:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/07/26	11:46:00.0	XRT_Custom_430_OG [0x1ae]							
2025/07/26	11:47:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/07/26	11:51:00.5	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/07/26	11:51:02.5	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/07/26	11:51:04.5	XRT_PREFLR_STRT_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/07/26	11:54:14.5	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/07/26	12:19:30.0	XRT_Custom_430_OG [0x1ae]							
2025/07/26	12:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/07/26	13:29:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/07/26	13:29:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/07/26	13:29:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/07/26	13:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/07/26	13:57:30.0	XRT_Custom_430_OG [0x1ae]							
2025/07/26	13:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/07/26	15:07:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/07/26	15:07:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/07/26	15:07:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/07/26	15:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/07/26	15:35:30.0	XRT_Custom_430_OG [0x1ae]							
2025/07/26	15:36:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				

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2025/07/26	16:45:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2025/07/26	16:45:32.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2025/07/26	16:45:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2025/07/26	16:48:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2025/07/26	17:24:00.0	XRT_Custom_430_OG [0x1ae]					
2025/07/26	17:25:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2025/07/26	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2025/07/26	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2025/07/26	17:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2025/07/26	18:00:00.0	AOCs_ORe-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2025/07/26	18:00:18.0	XRT_FLD_DIS_409_OG [0x199]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2025/07/26	18:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2025/07/26	18:00:22.0	XRT_ARS_DIS_435_OG [0x1b3]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2025/07/26	18:02:58.0	XRT_QT_PROG_SET_440_OG [0x1b8]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a		
2025/07/26	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2025/07/26	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2025/07/26	18:09:56.0	XRT_FOCUS_POSITION_406_OG [0x196]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2025/07/26	18:10:00.0	AOCs_ORe-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	01 05 ca 01 b2		
2025/07/26	18:10:16.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2025/07/26	18:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2025/07/26	18:10:20.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2025/07/26	18:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2025/07/26	18:10:24.0	XRT_FLD_RESET_446_OG [0x1be]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2025/07/26	18:12:56.0	XRT_QT_PROG_SET_401_OG [0x191]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07		
2025/07/26	18:12:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e		
2025/07/26	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2025/07/26	18:24:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2025/07/26	18:24:02.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2025/07/26	18:24:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2025/07/26	18:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2025/07/26	19:00:30.0	XRT_Custom_430_OG [0x1ae]					
2025/07/26	19:01:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2025/07/26	20:02:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2025/07/26	20:02:02.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2025/07/26	20:02:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2025/07/26	20:05:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2025/07/26	20:37:00.0	XRT_Custom_430_OG [0x1ae]					
2025/07/26	20:38:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2025/07/26	21:40:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2025/07/26	21:40:02.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2025/07/26	21:40:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2025/07/26	21:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2025/07/26	22:14:00.0	XRT_Custom_430_OG [0x1ae]					
2025/07/26	22:15:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2025/07/26	23:18:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2025/07/26	23:18:32.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2025/07/26	23:18:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2025/07/26	23:21:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2025/07/26	23:49:00.0	XRT_Custom_430_OG [0x1ae]					

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2025/07/26	23:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/27	00:56:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/27	00:56:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/27	00:56:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/27	00:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/27	01:24:30.0	XRT_Custom_430_OG [0x1ae]			
2025/07/27	01:25:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/27	02:29:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/27	02:29:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/27	02:29:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/27	02:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/27	03:03:00.0	XRT_Custom_430_OG [0x1ae]			
2025/07/27	03:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/27	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/27	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/27	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/07/27	04:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/07/27	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/07/27	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/07/27	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/07/27	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/07/27	04:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/27	04:02:56.0	XRT_QT_PROG_SET_443_OG [0x1bb]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2025/07/27	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/07/27	04:03:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/27	04:03:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/27	04:03:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/27	04:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/27	04:41:00.0	XRT_Custom_430_OG [0x1ae]			
2025/07/27	04:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/27	05:32:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/27	05:32:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/27	05:32:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/27	05:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/27	06:23:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/27	06:23:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/27	06:23:28.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/07/27	06:23:30.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/07/27	06:23:48.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2025/07/27	06:23:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/07/27	06:23:52.0	XRT_ARS_DIS_435_OG [0x1b3]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/07/27	06:26:28.0	XRT_QT_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2025/07/27	06:26:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/27	06:33:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/27	06:33:26.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/07/27	06:33:30.0	AOCS_ORe-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	01 05 ca 01 b2
2025/07/27	06:33:46.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/07/27	06:33:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8

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2025/07/27	06:33:50.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/07/27	06:33:52.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/07/27	06:33:54.0	XRT_FLD_RESET_446_OG [0x1be]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/27	06:36:26.0	XRT_QT_PROG_SET_401_OG [0x191]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2025/07/27	06:36:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/07/27	06:36:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/27	07:12:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/27	07:12:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/27	07:12:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/27	07:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/27	07:57:00.0	XRT_Custom_430_OG [0x1ae]			
2025/07/27	07:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/27	08:52:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/27	08:52:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/27	08:52:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/27	08:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/27	09:35:30.0	XRT_Custom_430_OG [0x1ae]			
2025/07/27	09:36:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/27	10:32:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/27	10:32:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/27	10:32:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/27	10:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/27	11:13:30.0	XRT_Custom_430_OG [0x1ae]			
2025/07/27	11:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/27	12:23:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/27	12:23:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/27	12:23:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/27	12:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/27	12:51:30.0	XRT_Custom_430_OG [0x1ae]			
2025/07/27	12:52:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/27	14:02:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/27	14:02:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/27	14:02:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/27	14:05:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/27	14:30:00.0	XRT_Custom_430_OG [0x1ae]			
2025/07/27	14:31:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/27	15:40:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/27	15:40:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/27	15:40:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/27	15:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/27	16:09:00.0	XRT_Custom_430_OG [0x1ae]			
2025/07/27	16:10:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/27	17:18:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/27	17:18:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/27	17:18:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/27	17:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/27	17:56:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/27	17:56:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/27	17:56:28.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/07/27	17:56:30.0	AOCS_ORe-point_Start_2_OG [0x098]			

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2025/07/27	17:56:48.0	XRT_FLD_DIS_409_OG [0x199]	5	02-76 00 00 00 00 00
		MDP_XRT_FLD_DIS	1	07-F0 d9
2025/07/27	17:56:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	1	07-F0 c9
		MDP_XRT_FLRCTRL_DIS	1	07-F0 c9
2025/07/27	17:56:52.0	XRT_ARS_DIS_435_OG [0x1b3]	1	07-F0 d5
		MDP_XRT_ARS_DIS	1	07-F0 d5
2025/07/27	17:59:28.0	XRT_QT_PROG_SET_440_OG [0x1b8]	2	07-F0 c4 0a
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 0a
2025/07/27	17:59:30.0	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0 c0
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/07/27	18:06:24.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/27	18:06:26.0	XRT_FOCUS_POSITION_406_OG [0x196]	4	07-F8 22 ff aa 00
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2025/07/27	18:06:30.0	AOCS_Ore-point_Start_3_OG [0x099]	5	02-76 01 05 ca 01 b2
		AOCU_NM	5	02-76 01 05 ca 01 b2
2025/07/27	18:06:46.0	XRT_FLD_ENA_411_OG [0x19b]	1	07-F0 d8
		MDP_XRT_FLD_ENA	1	07-F0 d8
2025/07/27	18:06:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	1	07-F0 c8
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2025/07/27	18:06:50.0	XRT_AEC_RESET_448_OG [0x1c0]	1	07-F0 d0
		MDP_XRT_AEC_RESET	1	07-F0 d0
2025/07/27	18:06:52.0	XRT_ARS_DIS_423_OG [0x1a7]	1	07-F0 d5
		MDP_XRT_ARS_DIS	1	07-F0 d5
2025/07/27	18:06:54.0	XRT_FLD_RESET_446_OG [0x1be]	1	07-F0 da
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/27	18:09:26.0	XRT_QT_PROG_SET_401_OG [0x191]	2	07-F0 c4 07
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 07
2025/07/27	18:09:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	2	07-F0 c5 0e
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0e
2025/07/27	18:09:30.0	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0 c0
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/07/27	18:56:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/27	18:56:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0 da
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/27	18:56:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	1	07-F0 e8
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/07/27	18:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0 e9
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/07/27	19:32:00.0	XRT_Custom_430_OG [0x1ae]		
2025/07/27	19:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0 c0
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/07/27	20:34:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/27	20:34:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0 da
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/27	20:34:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	1	07-F0 e8
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/07/27	20:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0 e9
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/07/27	21:09:00.0	XRT_Custom_430_OG [0x1ae]		
2025/07/27	21:10:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0 c0
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/07/27	22:12:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/27	22:12:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0 da
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/27	22:12:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	1	07-F0 e8
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/07/27	22:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0 e9
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/07/27	22:45:30.0	XRT_Custom_430_OG [0x1ae]		
2025/07/27	22:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0 c0
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/07/27	23:50:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/27	23:50:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0 da
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/27	23:50:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	1	07-F0 e8
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/07/27	23:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0 e9
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/07/28	00:19:30.0	XRT_Custom_430_OG [0x1ae]		
2025/07/28	00:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0 c0
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/07/28	01:29:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/28	01:29:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0 da
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/28	01:29:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	1	07-F0 e8
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/07/28	01:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0 e9
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/07/28	01:57:00.0	XRT_Custom_430_OG [0x1ae]		
2025/07/28	01:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0 c0
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/07/28	02:59:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/28	02:59:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0 da
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/28	02:59:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]		

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2025/07/28	03:02:14.0	MDP_XRT_PREFLR_STRT	1	07-F0	e8
		XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/28	03:35:00.0	XRT_Custom_430_OG [0x1ae]			
2025/07/28	03:36:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/28	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/28	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/28	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/07/28	04:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/07/28	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/07/28	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/07/28	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/07/28	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/07/28	04:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/28	04:02:56.0	XRT_QT_PROG_SET_443_OG [0x1bb]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2025/07/28	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/07/28	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/28	04:32:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/28	04:32:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/28	04:32:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/28	04:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/28	05:13:00.0	XRT_Custom_430_OG [0x1ae]			
2025/07/28	05:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/28	05:38:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/28	05:38:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/28	05:38:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/07/28	05:39:00.0	AOCS_Ore-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/07/28	05:39:18.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2025/07/28	05:39:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/07/28	05:39:22.0	XRT_ARS_DIS_435_OG [0x1b3]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/07/28	05:41:58.0	XRT_QT_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2025/07/28	05:42:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/28	05:48:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/28	05:48:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/07/28	05:49:00.0	AOCS_Ore-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	01 05 ca 01 b2
2025/07/28	05:49:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/07/28	05:49:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/07/28	05:49:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/07/28	05:49:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/07/28	05:49:24.0	XRT_FLD_RESET_446_OG [0x1be]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/28	05:51:56.0	XRT_QT_PROG_SET_431_OG [0x1af]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2025/07/28	05:51:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/07/28	05:52:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/28	06:05:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/28	06:05:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/28	06:05:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/28	06:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/28	06:51:30.0	XRT_Custom_430_OG [0x1ae]			
2025/07/28	06:52:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/28	07:45:30.0	XRT_CTRL_MANU_400_OG [0x190]			

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2025/07/28	07:45:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/28	07:45:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/07/28	07:48:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/07/28	08:29:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/07/28	08:30:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/07/28	09:25:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/28	09:25:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/07/28	09:25:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/07/28	09:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/07/28	10:07:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/07/28	10:08:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/28	11:05:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/28	11:05:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/07/28	11:05:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/07/28	11:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/07/28	11:46:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/07/28	11:47:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/28	12:56:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/28	12:56:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/07/28	12:56:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/07/28	12:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/07/28	13:24:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/07/28	13:25:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/28	14:34:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/28	14:34:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/07/28	14:34:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/07/28	14:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/07/28	15:02:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/07/28	15:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/28	16:12:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/28	16:12:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/07/28	16:12:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/07/28	16:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/07/28	16:43:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/28	16:43:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/07/28	16:43:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/07/28	16:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/07/28	16:51:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/07/28	16:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/28	17:37:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/28	17:37:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/07/28	17:37:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2025/07/28	17:37:30.0	AOCs_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2025/07/28	17:37:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2025/07/28	17:37:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2025/07/28	17:37:52.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/07/28	17:40:28.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a	
2025/07/28	17:40:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/07/28	17:47:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	

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2025/07/28	17:47:26.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/07/28	17:47:30.0	AOCs_Ore-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	01 05 ca 01 b2
2025/07/28	17:47:46.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/07/28	17:47:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/07/28	17:47:50.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/07/28	17:47:52.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/07/28	17:47:54.0	XRT_FLD_RESET_446_OG [0x1be]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/28	17:50:26.0	XRT_QT_PROG_SET_431_OG [0x1af]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2025/07/28	17:50:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/07/28	17:50:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/28	17:50:30.5	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/28	17:50:32.5	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/28	17:50:34.5	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/28	17:53:44.5	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/28	18:27:30.0	XRT_Custom_430_OG [0x1ae]			
2025/07/28	18:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/28	19:28:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/28	19:28:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/28	19:28:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/28	19:31:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/28	20:04:00.0	XRT_Custom_430_OG [0x1ae]			
2025/07/28	20:05:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/28	21:07:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/28	21:07:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/28	21:07:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/28	21:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/28	21:41:00.0	XRT_Custom_430_OG [0x1ae]			
2025/07/28	21:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/28	22:45:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/28	22:45:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/28	22:45:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/28	22:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/28	23:16:30.0	XRT_Custom_430_OG [0x1ae]			
2025/07/28	23:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/29	00:23:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/29	00:23:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/29	00:23:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/29	00:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/29	00:51:00.0	XRT_Custom_430_OG [0x1ae]			
2025/07/29	00:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/29	01:59:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/29	01:59:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/29	01:59:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/29	02:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/29	02:29:00.0	XRT_Custom_430_OG [0x1ae]			
2025/07/29	02:30:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/29	03:30:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/29	03:30:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/29	03:30:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/29	03:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			

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2025/07/29	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/29	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/29	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/29	04:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/07/29	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 00 00 00 00
2025/07/29	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2025/07/29	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/07/29	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2025/07/29	04:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/07/29	04:02:56.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/29	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2025/07/29	04:07:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/07/29	04:08:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2025/07/29	04:58:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/29	04:58:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/29	04:58:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/29	05:01:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/29	05:55:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/29	05:55:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/29	05:55:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/29	05:55:30.0	AOCS_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/07/29	05:55:48.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00
2025/07/29	05:55:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9
2025/07/29	05:55:52.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/07/29	05:58:28.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/07/29	05:58:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2025/07/29	06:05:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/29	06:05:26.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/29	06:05:30.0	AOCS_ORe-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/07/29	06:05:46.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	01 05 ca 01 b2
2025/07/29	06:05:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2025/07/29	06:05:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/07/29	06:05:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2025/07/29	06:05:54.0	XRT_FLD_RESET_446_OG [0x1be]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/07/29	06:08:26.0	XRT_QT_PROG_SET_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/29	06:08:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2025/07/29	06:08:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/07/29	06:38:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/29	06:38:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/29	06:38:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/29	06:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/07/29	07:23:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/07/29	07:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2025/07/29	08:18:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/07/29	08:18:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/07/29	08:18:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/07/29	08:21:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
			MDP_XRT_PREFLR_STOP	1	07-F0	e9

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2025/07/29	09:01:30.0	XRT_Custom_430_OG [0x1ae]		
2025/07/29	09:02:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/07/29	09:58:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/29	09:58:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/29	09:58:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/07/29	10:01:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/07/29	10:40:00.0	XRT_Custom_430_OG [0x1ae]		
2025/07/29	10:41:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/07/29	11:40:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/29	11:40:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/29	11:40:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/07/29	11:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/07/29	11:45:00.0	XRT_Custom_430_OG [0x1ae]		
2025/07/29	11:46:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/07/29	11:50:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/29	11:50:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/07/29	11:50:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/07/29	11:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/07/29	11:55:30.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/07/29	12:11:00.0	AOCS_ORe-point_Start_2_OG [0x098]		
		AOCU_NM	5	02-76 00 00 00 00 00