

Period: 2026/01/06 11:30:00 - 2026/01/15 11:22:00

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							
01/07 12:33:00 - 01/07 12:39:54		Fixed (-528.4, 528.4)												
PROG= 15		1-time(s)												
Subr= 1		1-time(s)					2.0sec							
Seqn= 14		1-time(s)					2.0sec							
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 512)	Q=90	0	0	2.0sec	
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 512)	Q=90	0	0	2.0sec	
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (1536, 512)	Q=98	0	0	2.0sec	
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (1536, 512)	Q=98	0	0	2.0sec	
Subr= 2		1-time(s)					120.0sec							

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

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

Term	Pointing (x, y)	Comment
01/07 12:43:00 - 01/07 12:49:54	Fixed (0.0, 0.0)	Post bakeout synoptics
01/07 18:03:00 - 01/07 18:09:54	Fixed (0.0, 0.0)	synoptic
01/08 06:11:30 - 01/08 06:18:24	Fixed (0.0, 0.0)	synoptic, shifted 8.5 min + HOP 349
01/08 17:57:30 - 01/08 18:04:24	Fixed (0.0, 0.0)	synoptic, shifted -5.5 min
01/09 05:40:00 - 01/09 05:46:54	Fixed (0.0, 0.0)	synoptic, shifted -23.0 min + HOP 349
01/09 17:40:30 - 01/09 17:47:24	Fixed (0.0, 0.0)	synoptic, shifted -22.5 min
01/10 05:56:30 - 01/10 06:03:24	Fixed (0.0, 0.0)	synoptic, shifted -6.5 min + HOP 349
01/10 18:03:00 - 01/10 18:09:54	Fixed (0.0, 0.0)	synoptic
01/11 06:09:30 - 01/11 06:16:24	Fixed (0.0, 0.0)	synoptic, shifted 6.5 min + HOP 349
01/11 18:09:30 - 01/11 18:16:24	Fixed (0.0, 0.0)	synoptic, shifted 6.5 min
01/12 05:38:00 - 01/12 05:44:54	Fixed (0.0, 0.0)	synoptic, shifted -25.0 min + HOP 349
01/12 18:26:00 - 01/12 18:32:54	Fixed (0.0, 0.0)	synoptic, shifted 23.0 min
01/13 06:08:30 - 01/13 06:15:24	Fixed (0.0, 0.0)	synoptic, shifted 5.5 min + HOP 349

PROG= 06 1-time(s)

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

XOB #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
01/07 12:53:00 - 01/07 17:59:54	Track (-721.7, -158.4) @ 01/07 12:50:00	End of synoptics, AR 14336
01/07 18:13:06 - 01/08 03:59:54	Track (-686.7, -155.8) @ 01/07 18:10:00	# AR 14336

PROG= 10 Inf.-time(s)

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

thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Seqn= 96 4-time(s) 120.0sec												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #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
01/08 04:23:30 - 01/08 06:08:24	Fixed (0.0, 0.0)	synoptic, shifted 8.5 min + HOP 349
01/09 04:03:00 - 01/09 05:36:54	Fixed (0.0, 0.0)	synoptic, shifted -23.0 min + HOP 349
01/10 04:03:00 - 01/10 05:53:24	Fixed (0.0, 0.0)	synoptic, shifted -6.5 min + HOP 349
01/11 04:21:00 - 01/11 06:06:24	Fixed (0.0, 0.0)	synoptic, shifted 6.5 min + HOP 349
01/12 04:03:00 - 01/12 05:34:54	Fixed (0.0, 0.0)	synoptic, shifted -25.0 min + HOP 349
01/13 04:03:00 - 01/13 06:05:24	Fixed (0.0, 0.0)	synoptic, shifted 5.5 min + HOP 349

PROG= 02 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 (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 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 #1BFE: 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
01/08 06:21:30 - 01/08 10:59:54	Track (-600.6, -150.3) @ 01/08 06:18:30	# AR obs.
01/08 18:07:30 - 01/09 03:59:54	Track (-509.5, -145.5) @ 01/08 18:04:30	# AR obs.

PROG= 09 Inf.-time(s)

Subr= 1 1-time(s) 2.0sec												
Seqn= 92 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
Subr= 2 4-time(s) 2.0sec												
Seqn= 47 1-time(s) 2.0sec												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Seqn= 77 4-time(s) 300.0sec												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	95.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	95.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1CDF: HOP81/206 1-filter - Al/poly 6s, 60s cadence, G-band - 384x384 1ms

Term	Pointing (x, y)	Comment
01/08 11:03:00 - 01/08 17:30:30	Fixed (-21.0, 861.0)	HOP 81 N pole

PROG= 05 Inf.-time(s)

Subr= 1 1-time(s) 2.0sec

[illegible]

Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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

Term			Pointing (x, y)					Comment							
01/08 11:03:00 - 01/08 17:30:30			Fixed (-21.0, 861.0)					HOP 81 N pole							
PROG= 13 30-time(s)															
Subr= 1		20-time(s)		2.0sec											
Seqn= 11		1-time(s)		2.0sec											
Al-poly/Open		Al-poly/thick-Al		close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)		Q=95	2	0	2.0sec
Seqn= 73		1-time(s)		10.0sec											
thin-Be/Open		med-Be/Open		close	Safe	Norm	125ms	Obs	1x1	384x384 (1024, 1024)		Q=95	3	0	2.0sec
med-Be/Open		Open/thick-Al		close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)		Q=95	3	0	2.0sec
Open/thick-Be		Open/thick-Be		close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)		Q=95	3	0	2.0sec
Subr= 2		1-time(s)		2.0sec											
Seqn= 10		1-time(s)		2.0sec											
med-Al/Open		med-Al/thick-Al		close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)		Q=95	3	0	2.0sec
Open/thick-Be		Open/thick-Be		close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)		Q=95	3	0	2.0sec
Seqn= 11		1-time(s)		2.0sec											
Al-poly/Open		Al-poly/thick-Al		close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)		Q=95	2	0	2.0sec
Seqn= 87		1-time(s)		2.0sec											
Open/G-band		Open/G-band		open	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)		Q=98	0	0	2.0sec
Open/G-band		Open/G-band		close	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)		Q=98	0	0	2.0sec
Open/thick-Al		Open/thick-Al		close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)		Q=98	0	0	2.0sec
Open/thick-Al		Open/thick-Al		close	Safe	Dark	1.00s	Obs	2x2	512x512 (1024, 1024)		Q=98	0	0	2.0sec
Default Filter		Thicker Filter		VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

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Active Region Search

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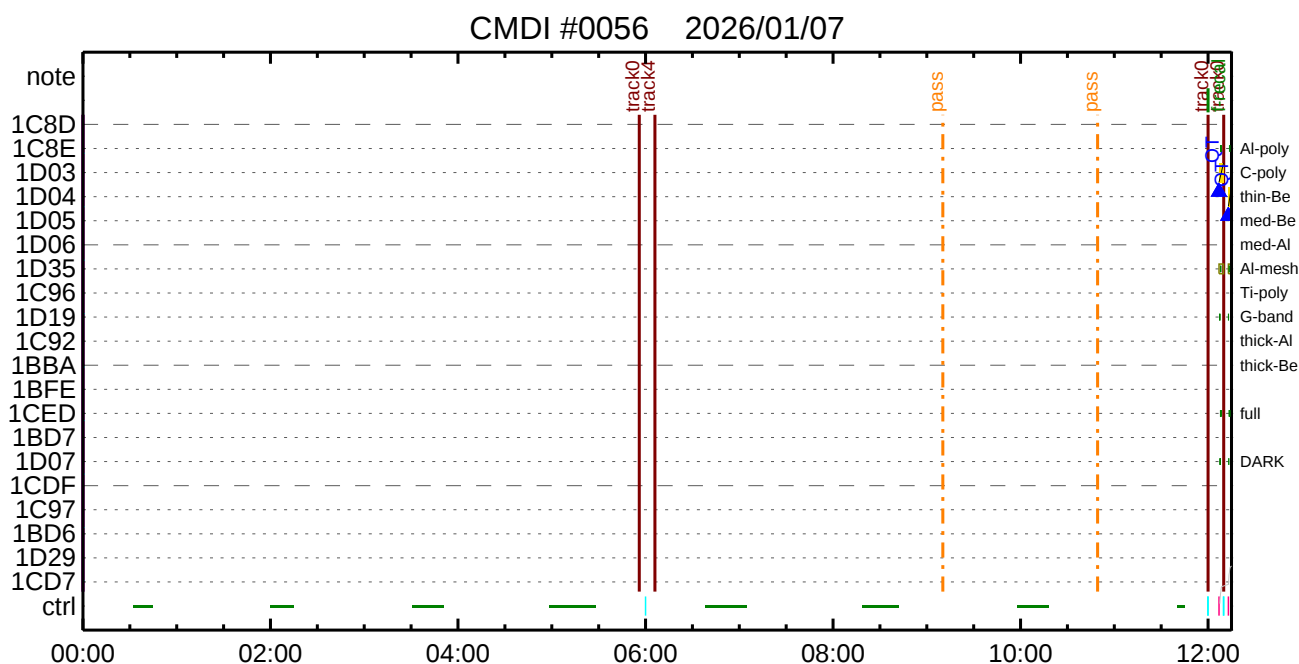
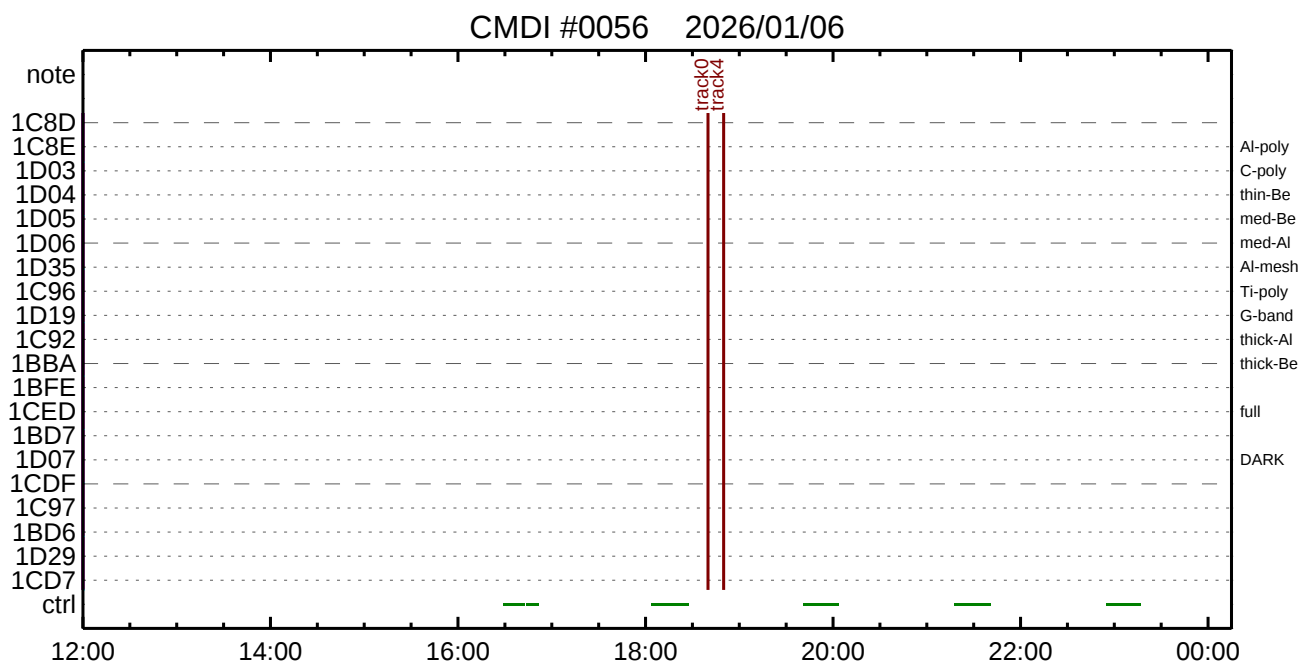
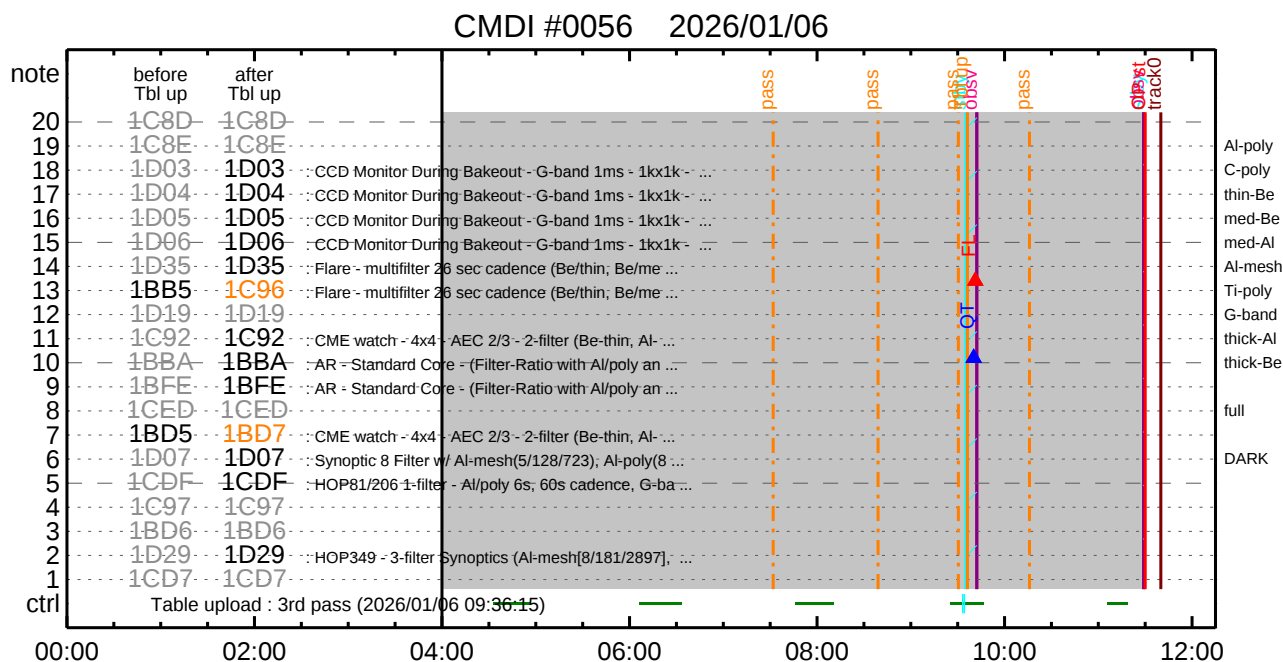
NOT USED

* * * * *

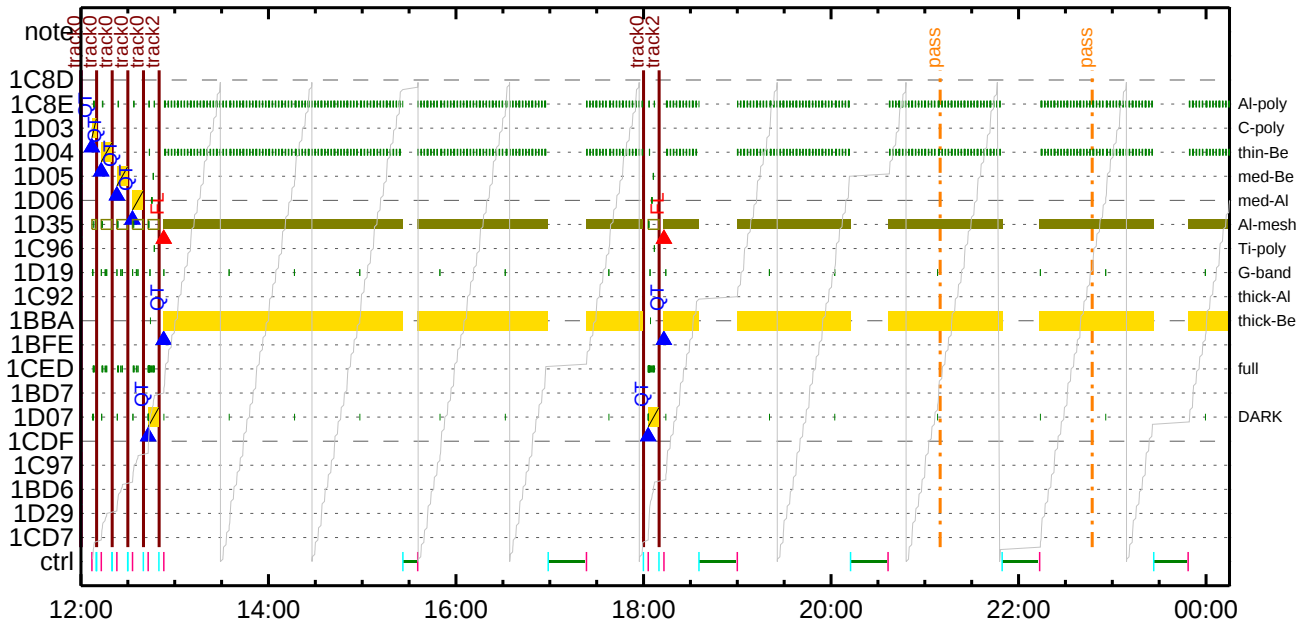
Flare Detection

* * * * *

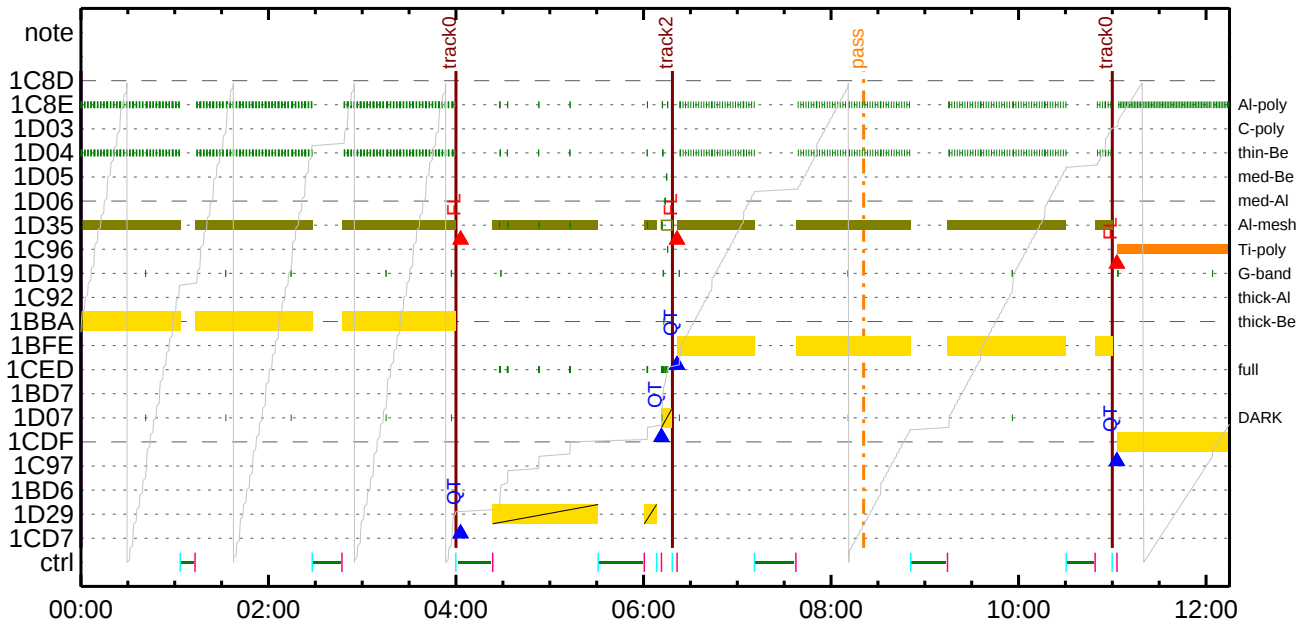
FLD Patrol												
Term	Pointing (x, y)				Comment							
01/06 09:37:15 - 01/07 12:06:56	cannot be identified											
01/07 12:50:16 - 01/07 18:00:16	Track (-721.7, -158.4) @ 01/07 12:50:00				End of synoptics, AR 14336							
01/07 18:10:21 - 01/08 06:08:46	Track (-686.7, -155.8) @ 01/07 18:10:00				# AR 14336							
01/08 06:18:46 - 01/08 17:54:46	Track (-600.6, -150.3) @ 01/08 06:18:30				# AR obs.							
01/08 18:04:46 - 01/09 05:37:16	Track (-509.5, -145.5) @ 01/08 18:04:30				# AR obs.							
01/09 05:47:16 - 01/09 17:37:46	Fixed (950.0, -39.0)				# off limb obs.							
01/09 17:47:46 - 01/10 05:53:46	Track (-307.8, -137.8) @ 01/09 17:47:30				# AR 14336							
01/10 06:03:46 - 01/10 18:00:16	Track (-196.8, -135.0) @ 01/10 06:03:30				# AR obs.							
01/10 18:10:16 - 01/11 06:06:46	Track (-84.8, -133.1) @ 01/10 18:10:00				# AR obs.							
01/11 06:16:46 - 01/11 18:06:46	Track (28.1, -132.1) @ 01/11 06:16:30				# AR obs.							
01/11 18:16:46 - 01/12 05:35:16	Track (139.4, -132.1) @ 01/11 18:16:30				# AR obs.							
01/12 05:45:16 - 01/12 18:23:16	Track (243.7, -133.0) @ 01/12 05:45:00				# AR obs.							
01/12 18:33:16 - 01/13 06:05:46	Track (356.1, -135.1) @ 01/12 18:33:00				# AR obs.							
01/13 06:15:46 - 01/15 11:22:00	Track (453.9, -137.9) @ 01/13 06:15:30				# AR obs.							
Al-poly/Open	Al-poly/Open	close	Safe	Norm	4ms	Obs	8x8		Q=50		30sec	
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	



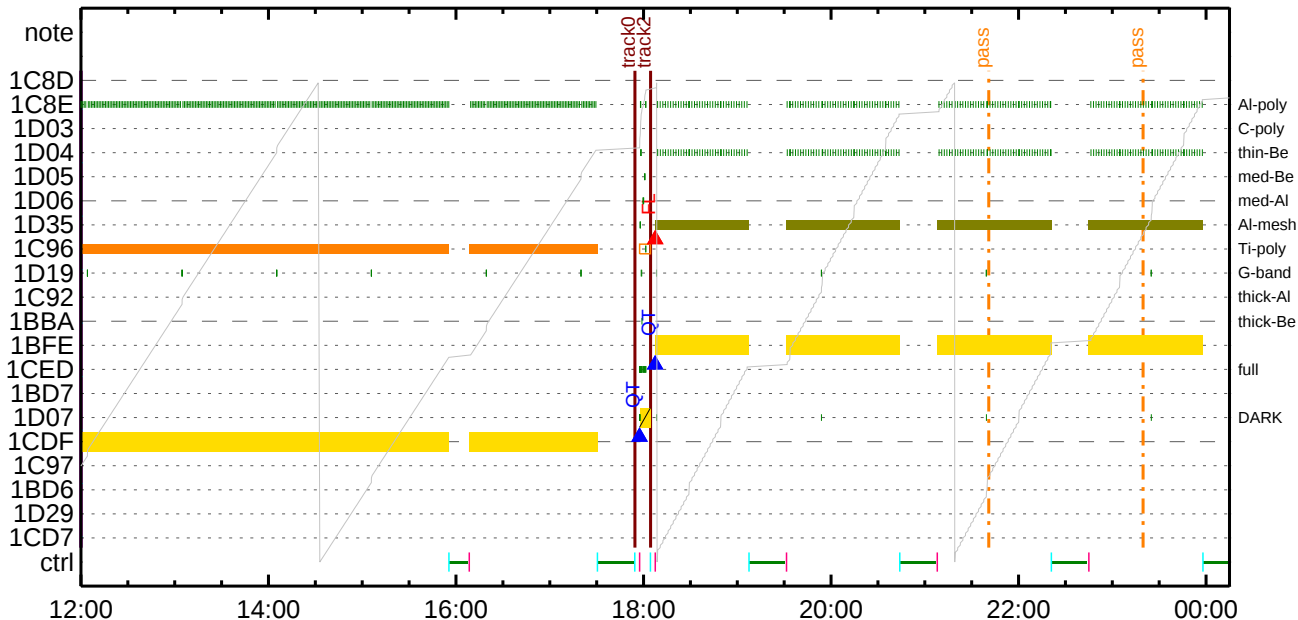
CMDI #0056 2026/01/07



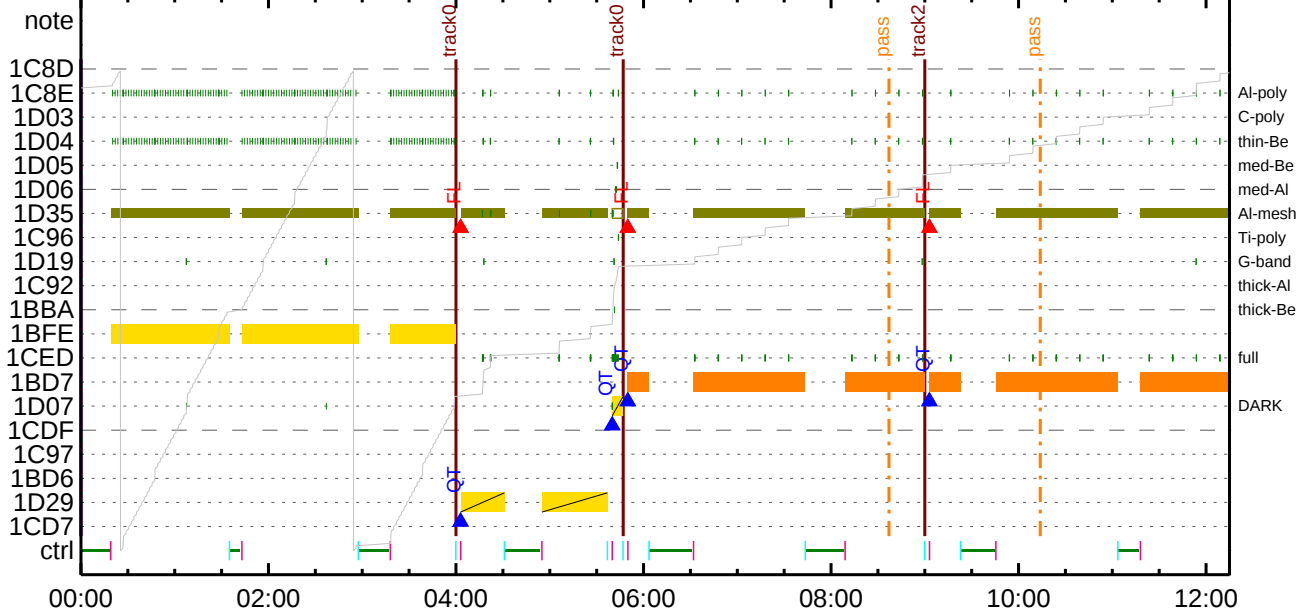
CMDI #0056 2026/01/08



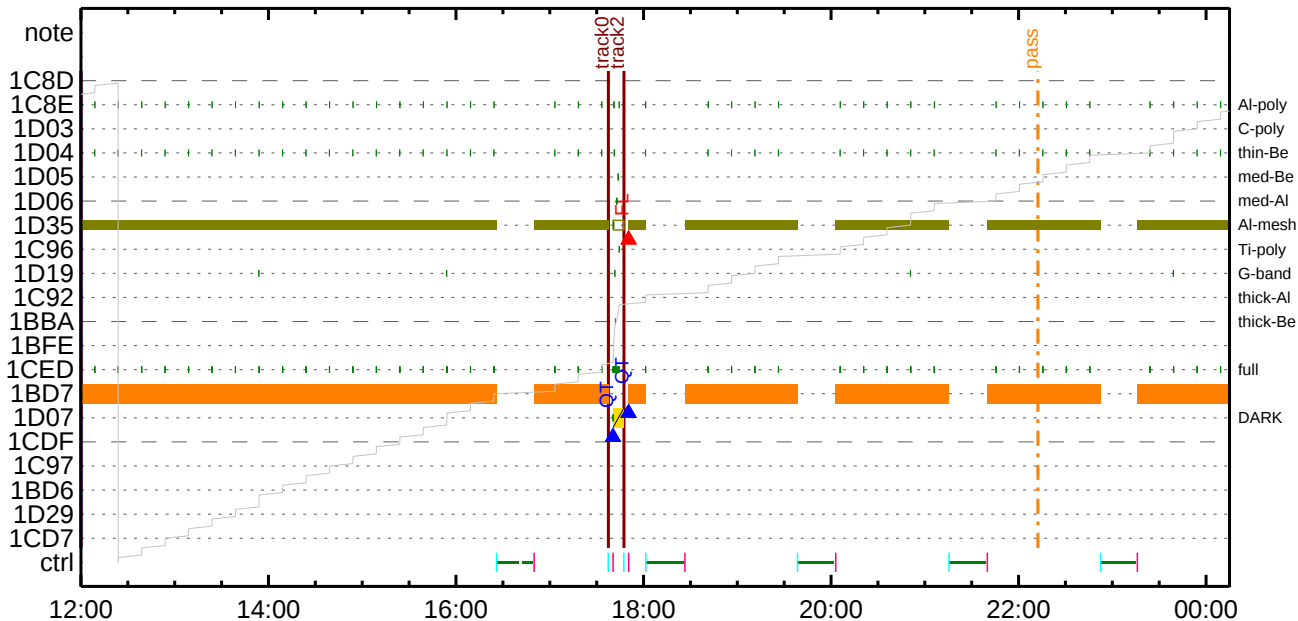
CMDI #0056 2026/01/08



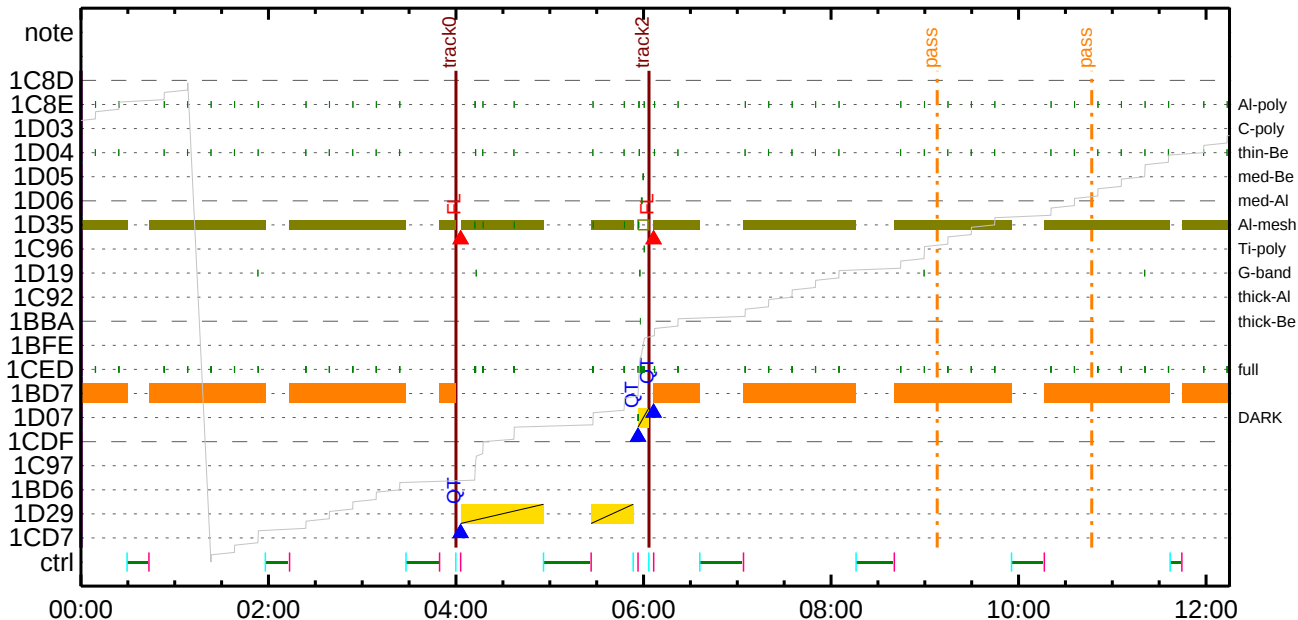
CMDI #0056 2026/01/09



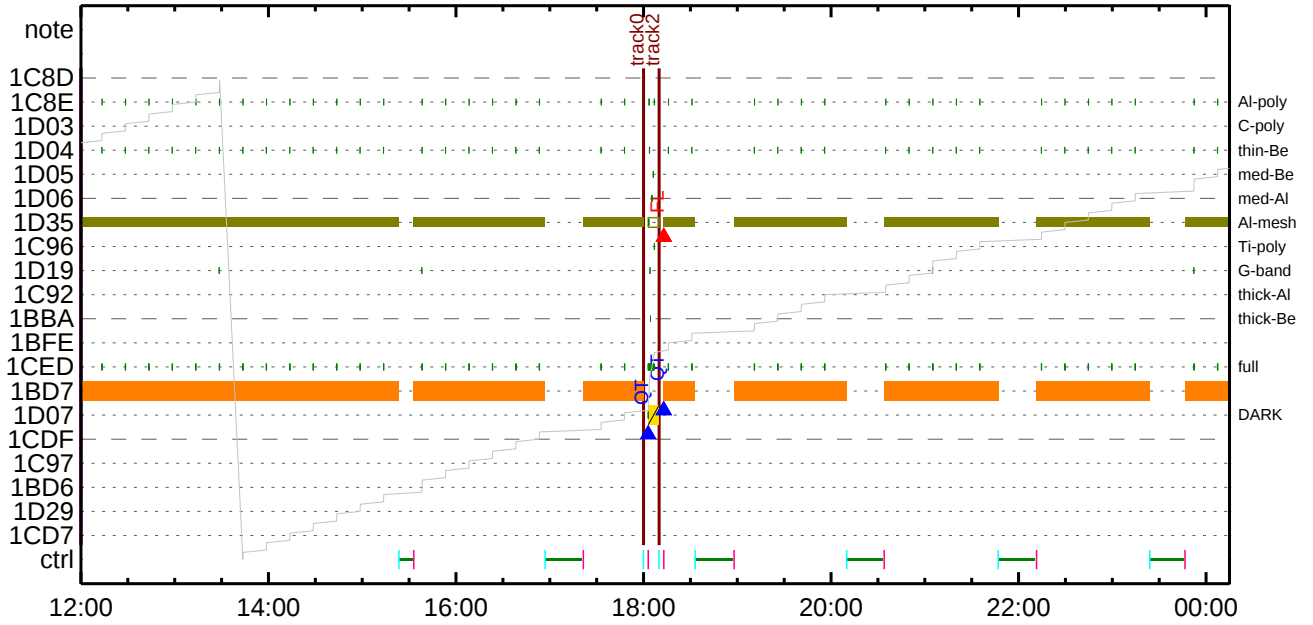
CMDI #0056 2026/01/09



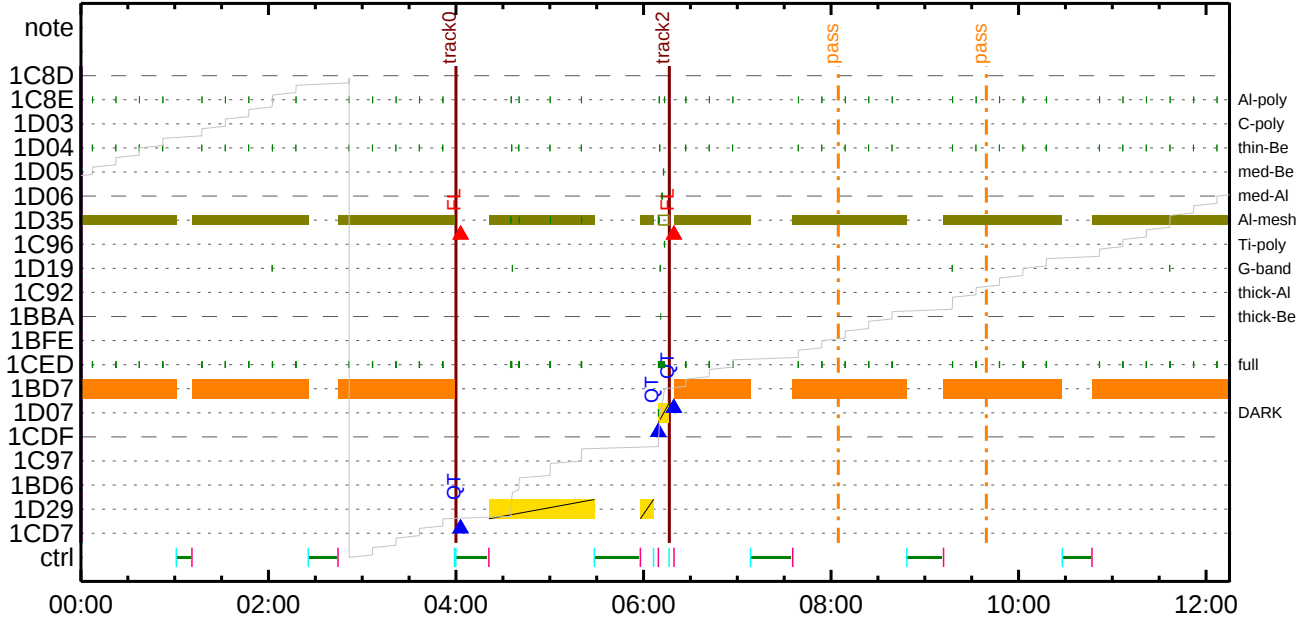
CMDI #0056 2026/01/10



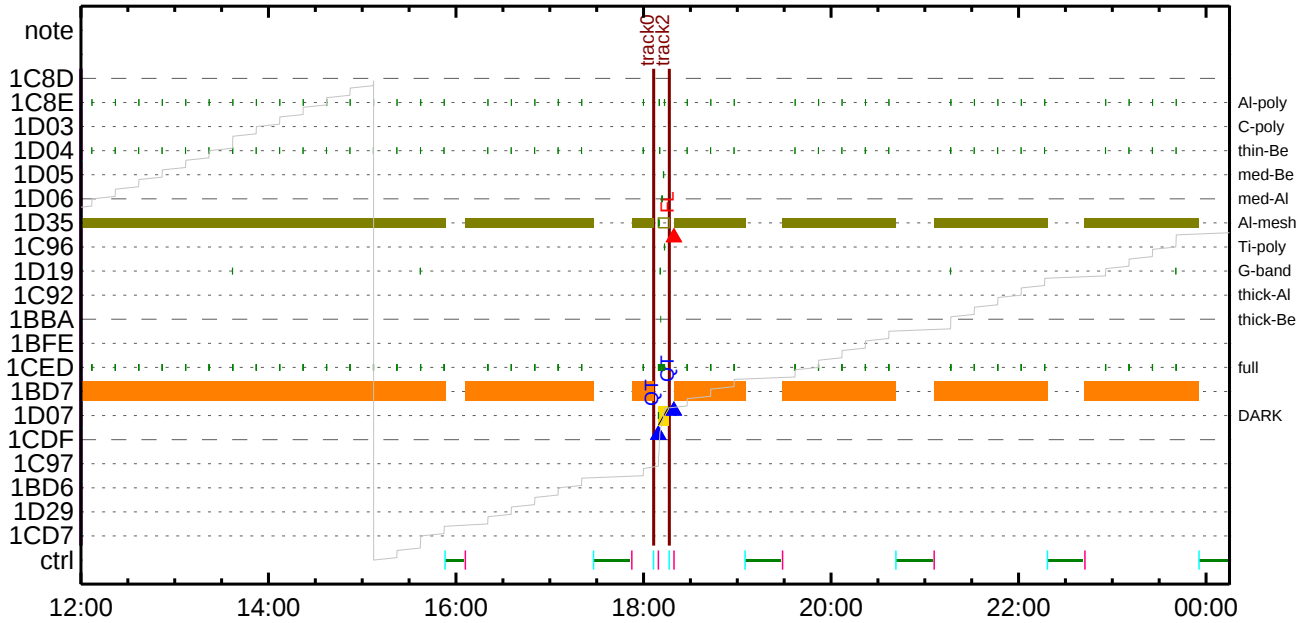
CMDI #0056 2026/01/10



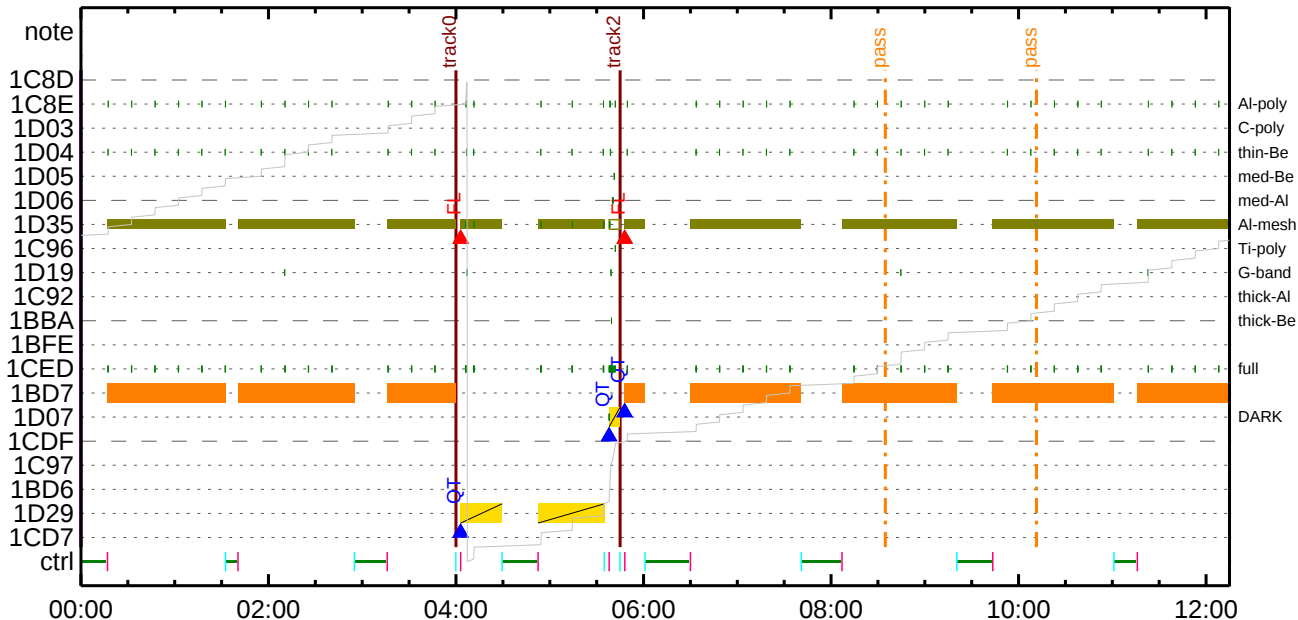
CMDI #0056 2026/01/11



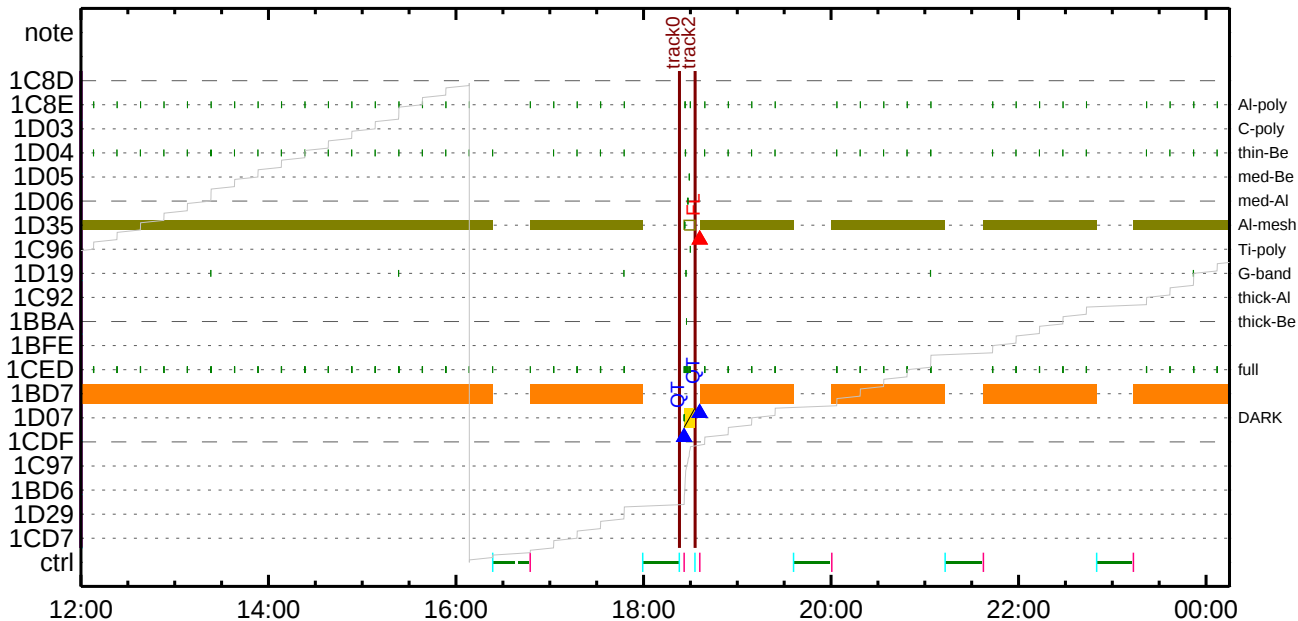
CMDI #0056 2026/01/11



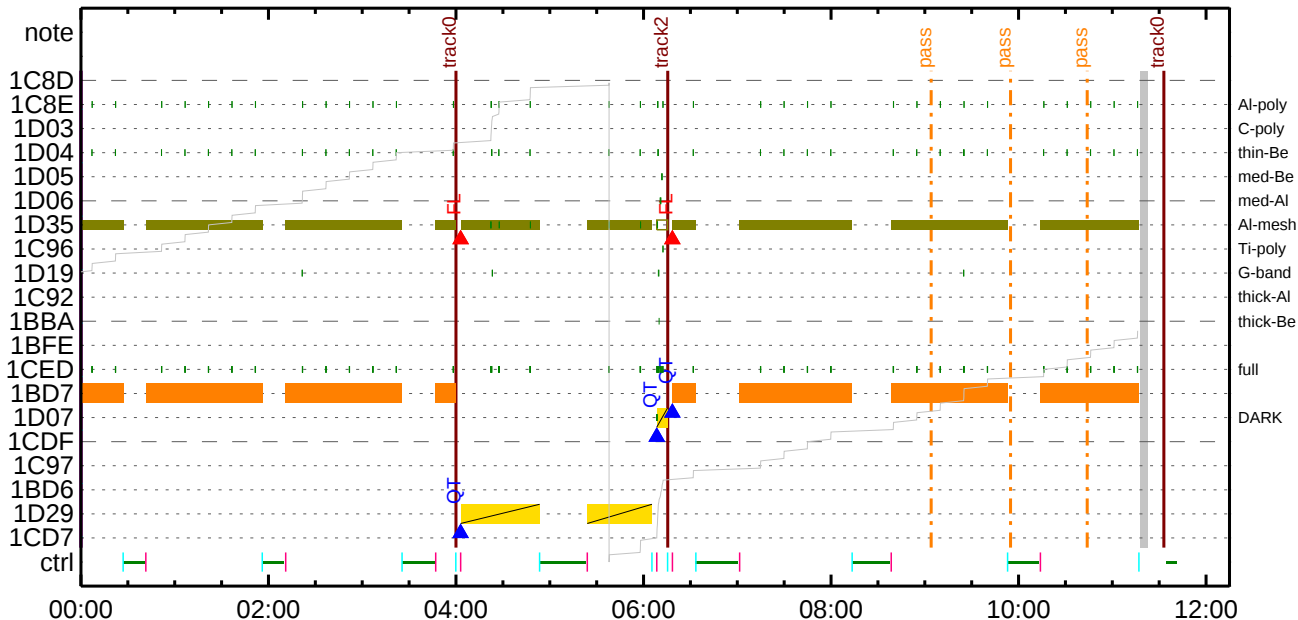
CMDI #0056 2026/01/12



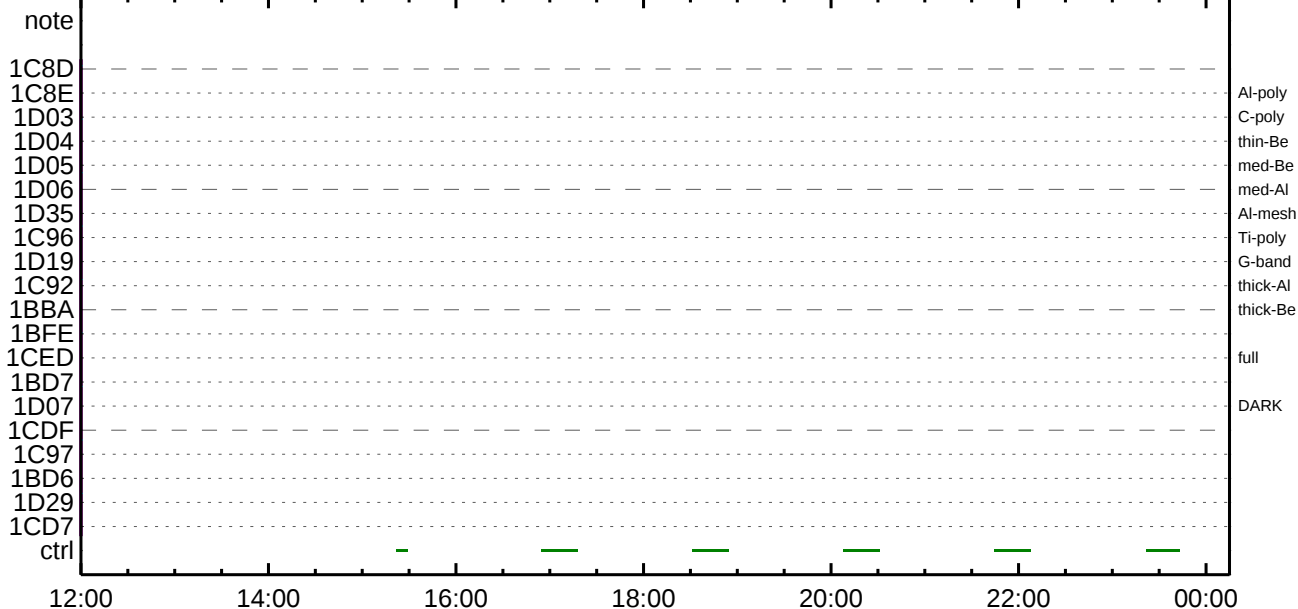
CMDI #0056 2026/01/12



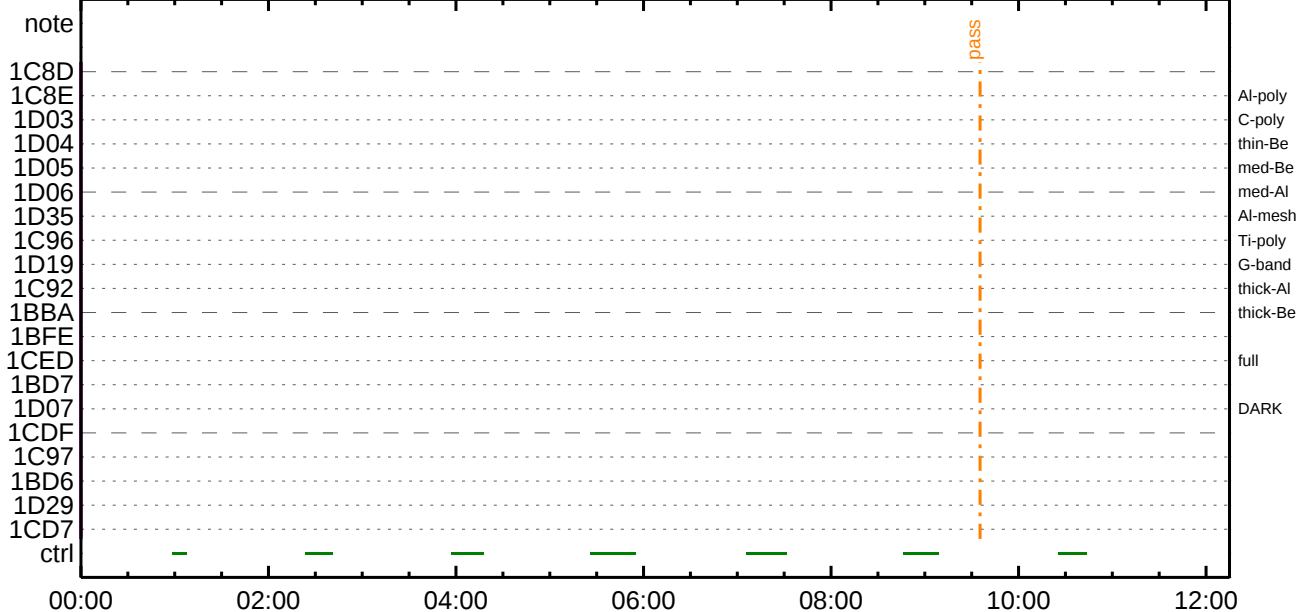
CMDI #0056 2026/01/13



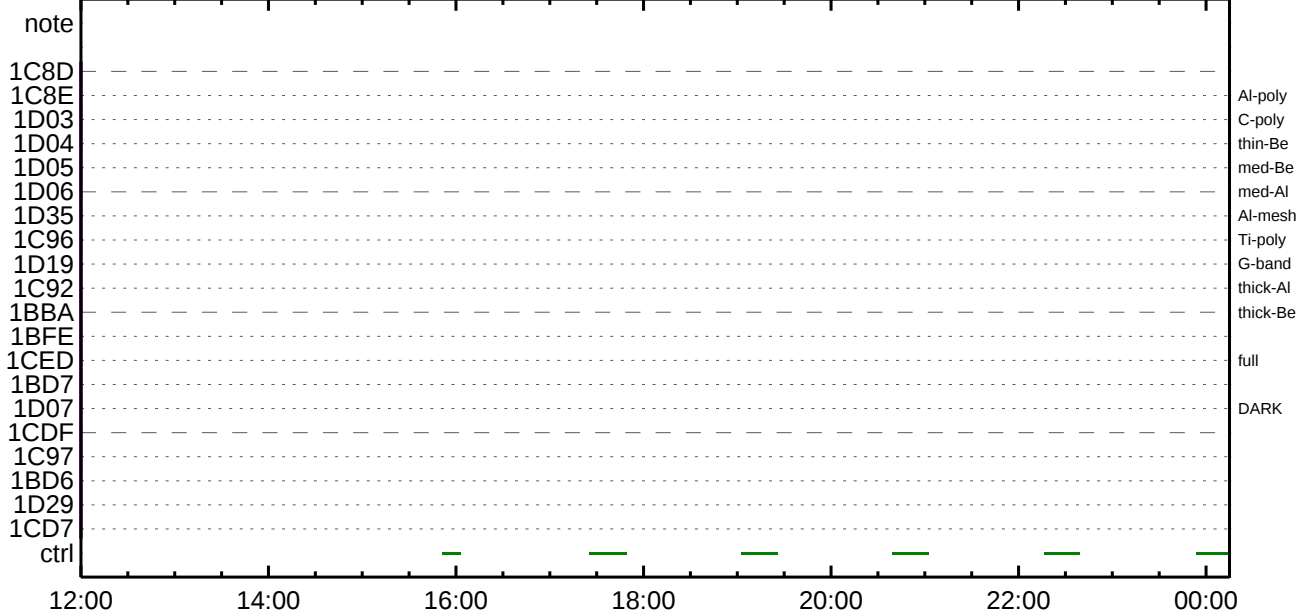
CMDI #0056 2026/01/13



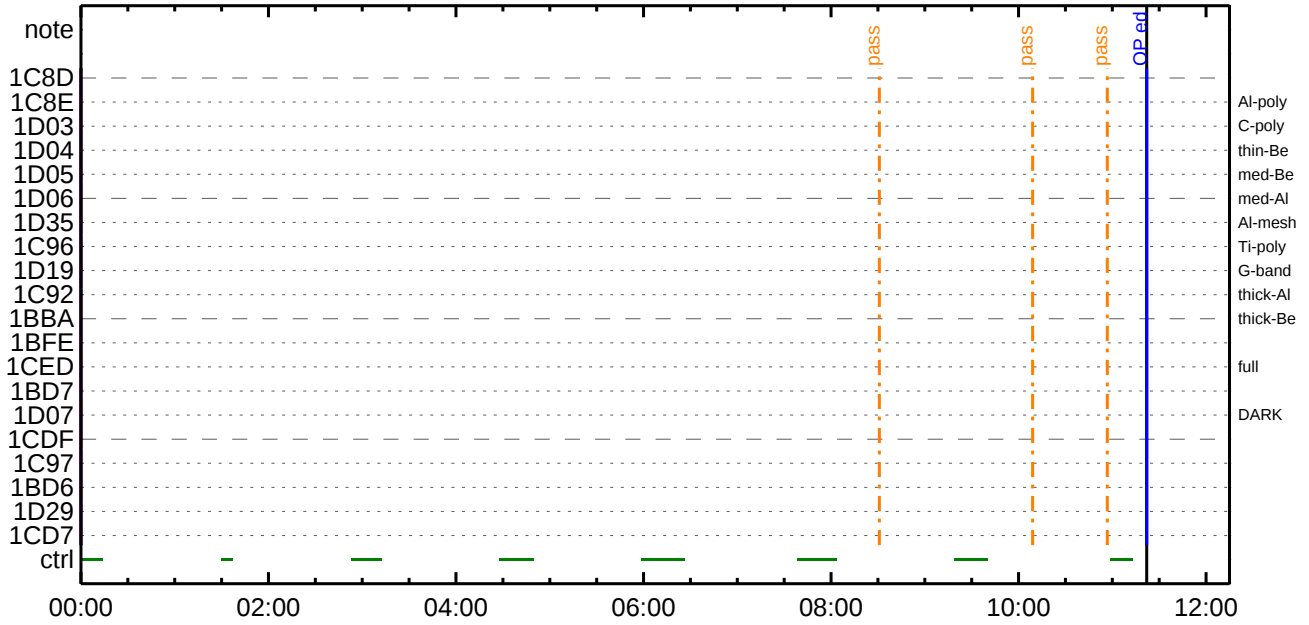
CMDI #0056 2026/01/14



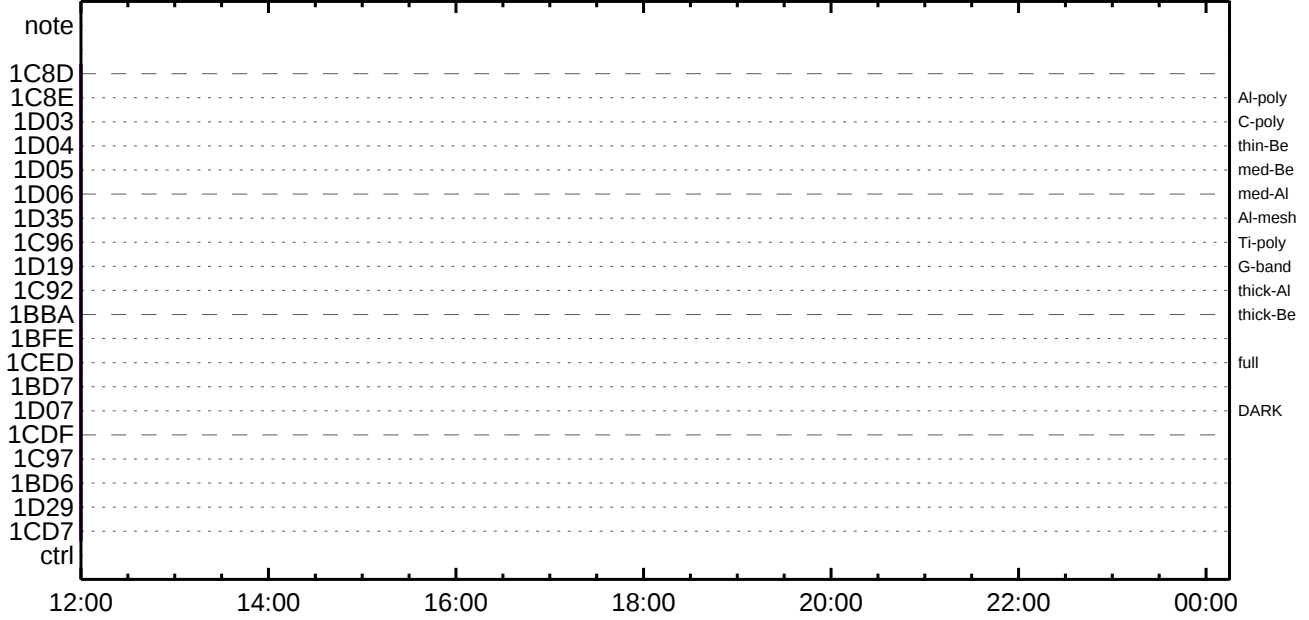
CMDI #0056 2026/01/14



CMDI #0056 2026/01/15



CMDI #0056 2026/01/15



```

main-723 2026-01-06 12:05:41 205 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŲÁŲ$ŲÃŲ~¼Ã»Ü;ä
0005 C.
0006 C. ŲÃŲß;¼Ų³ŲÐŲóŲÉÃ÷:ç®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Āī;ĒñçĀñ•µ°E»İ×AÇñİŲçŲÃŲ×Ųī;¼ŲĒ;ĒĒèµ•īİĒ;ĒñĒ¼°ÇÖñ•ñç¼ī¹çñİ;çÀ®,ùñ¹ñĒñÐñÇÃ÷:ç®ñ•ñĒñññ³ñĒ;Ē
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. OP/OGŲī;¼ŲĒ;ŲÃŲóŲ×
0016 C. *****
0017 C.
0018 . C. ;ãOP/OGŲī;¼ŲĒ;ä
0019 . S. OP op-723:OP
0020 ()
0021 . S. OG og-723:OG
0022 ()
0023 C.
0024 . C. ;ãNMOG&OPİİ°èŲÃŲóŲ×;ä
0025 C. NMOG(0x200000-0x207FFF;$ 32 kbyte)
0026 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0027 BC (20 00 7f 01 02)
0028 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0029 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0030 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0031 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0032 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0033 +. DC 01-22 DHU_MODE_CHNG
0034 BC (07 0b f8)
0035 C. çç[HK1_PKT_FORM_NO] EQ 7
0036 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0037 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0038 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0039 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0040 . C. ŲÃŲóŲ×½ªİ»ñò³İÇ$
0041 C. çç[HK1_DMP_CHK_FLG] EQ NON
0042 . C. RAM ID=NMOGñİ¼Ē¹ç•Ē²İOKñò³İÇ$
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. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0048 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0049 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0050 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0051 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0052 +. DC 01-22 DHU_MODE_CHNG
0053 BC (07 0b f8)
0054 C. çç[HK1_PKT_FORM_NO] EQ 7
0055 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0056 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0057 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0058 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0059 . C. ŲÃŲóŲ×½ªİ»ñò³İÇ$
0060 C. çç[HK1_DMP_CHK_FLG] EQ NON
0061 . C. RAM ID=NMOGñİ¼Ē¹ç•Ē²İOKñò³İÇ$
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. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0067 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0068 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0069 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0070 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0071 +. DC 01-22 DHU_MODE_CHNG
0072 BC (07 0b f8)
0073 C. çç[HK1_PKT_FORM_NO] EQ 7
0074 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0075 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0076 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0077 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0078 . C. ŲÃŲóŲ×½ªİ»ñò³İÇ$
0079 C. çç[HK1_DMP_CHK_FLG] EQ NON
0080 . C. RAM ID=NMOG,RAM ID=OPñİ¼Ē¹ç•Ē²İOKñò³İÇ$
0081 C.
0082 . C. ***** °Ē²¼ñİ¼Ã`ŲĀ°ñĒĒ¬ñ°Ã÷:ç® (¼µ-ŲÃŲóŲ×¼Ē½çñòĀŌĀñÇ½ñ°ññ¼¹çñÇñâ) *****
0083 C. DHUŲâ;¼ŲĒ;Ē¼Ų½,Ųī;¼ŲĒ;Ēñòİāñ¹
0084 +. DC 01-22 DHU_MODE_CHNG
0085 BC (02 0a f8)
0086 C. çç[HK1_PKT_FORM_NO] EQ 2
0087 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0088 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0089 C. çç[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 UPLOADñ¬Ã÷:ç®NGñİ¼ī¹ç;ç°Ē²¼ñİTI-CMDÃ÷:ç®ñİ¼Ā¹Ōñ•ñĒñññ³ñĒ;Ē

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0096	C.	SET EDUMP I E+ ° i N Y 1 C 1 O m ; m 3 m E ; f		
0097	C.			
0098	C.	TI Y 3 Y P Y 6 Y E m o A D I ; (UT)		
0099	+. TI	2026-01-06 11:25:00.0		
0100	DC	01-B3 DHU_OP_STOP		
0101	C.	¢ ¢ [HK1_TI_CMD_NUM]	EQ	1COUNTUP
0102	C.			
0103	+. TI	2026-01-06 11:25:01.0		
0104	DC	01-B4 DHU_OP_COPY		
0105	C.	¢ ¢ [HK1_TI_CMD_NUM]	EQ	1COUNTUP
0106	C.			
0107	+. TI	2026-01-06 11:25:01.0		
0108	DC	01-B5 DHU_OPOG_COPY		
0109	C.	¢ ¢ [HK1_TI_CMD_NUM]	EQ	1COUNTUP
0110	C.			
0111	+. TI	2026-01-06 11:29:59.5		
0112	DC	01-B2 DHU_OP_START		
0113	C.	¢ ¢ [HK1_TI_CMD_NUM]	EQ	1COUNTUP
0114	C.			
0115	C.	° E 2 ¼ m I A e % i f N m I Y A Y S Y A Y - 1 a i U		
0116	C.	¢ ¢ [HK1_TI_CMD_ENA/DIS]	EQ	ENA
0117	C.	¢ ¢ [HK1_TI_CMD_NUM]	EQ	4
0118	C.	¢ ¢ [HK1_NEXT_EXEC_PIM]	EQ	DHU
0119	C.	¢ ¢ [HK1_NEXT_EXEC_DC]	EQ	0xB3
0120	C.			
0121	C.	*****		
0122	C.	TI I f ° e Y A Y 6 Y x		
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.	¢ ¢ [HK1_DMP_TOP_ADRS_1]	EQ	07
0129	C.	¢ ¢ [HK1_DMP_TOP_ADRS_0]	EQ	2B
0130	C.	¢ ¢ [HK1_DMP_BLOCK_NUM]	EQ	3
0131	C.	¢ ¢ [HK1_DMP_REPEAT_NUM]	EQ	0
0132	C.	¢ ¢ [HK1_DMA_DMP_PIM]	EQ	DHU
0133	+. DC	01-22 DHU_MODE_CHNG		
0134	BC	(07 0b f8)		
0135	C.	¢ ¢ [HK1_PKT_FORM_NO]	EQ	7
0136	C.	¢ ¢ [HK1_PKT_GEN_TIME]	EQ	0.25 s
0137	C.	¢ ¢ [HK1_S_TLM_BIT_RATE]	EQ	32k
0138	C.	¢ ¢ [HK1_X_TLM_BIT_RATE]	EQ	4M
0139	C.	¢ ¢ [HK1_DMP_CHK_FLG]	EQ	EXEC
0140	C.			
0141	C.	Y A Y 6 Y x ½ a I » m o 3 I C S		
0142	C.	¢ ¢ [HK1_DMP_CHK_FLG]	EQ	NON
0143	C.			
0144	C.	RAM ID=TI_TBL m I ¾ E 1 C • e 2 I O K m o 3 I C S		
0145	C.			
0146	C.	DHU Y a ; ¼ Y E ; E ¼ Y ½ ; Y i ; ¼ Y E ; E m o I a m 1		
0147	+. DC	01-22 DHU_MODE_CHNG		
0148	BC	(02 0a f8)		
0149	C.	¢ ¢ [HK1_PKT_FORM_NO]	EQ	2
0150	C.	¢ ¢ [HK1_PKT_GEN_TIME]	EQ	0.5S
0151	C.	¢ ¢ [HK1_S_TLM_BIT_RATE]	EQ	32K
0152	C.	¢ ¢ [HK1_X_TLM_BIT_RATE]	EQ	4M
0153	C.			
0154	C.	*****		
0155	C.	SOT TI command set		
0156	C.	*****		
0157	C.	Execute, after the success of OP upload.		
0158	+. TI	2026-01-06 11:29:16.0		
0159	DC	07-F0 MDP_SOT_MODE_STBY		
0160	BC	(41)		
0161	C.	-----		
0162	C.	HK1_TI_CMD_NUM = 1 CNTUP []		
0163	C.	-----		
0164	C.	***** SOT END *****		
0165	C.	Stop EIS observation and temporarily disable EIS mode changes		
0166	C.			
0167	C.			
0168	C.	***** Start EIS operation (TI set) *****		
0169	C.	Execute, after the success of OP upload.		
0170	C.	Set EIS TI-commands		
0171	+. TI	2026-01-06 11:29:30.0		
0172	DC	07-FC EIS_MODE_MANU		
0173	BC	(21 02)		
0174	+. TI	2026-01-06 11:29:40.0		
0175	DC	07-FC EIS_MODE_CHG_DIS		
0176	BC	(22)		
0177	C.	[] [HK1_TI_CMD_NUM]	EQ	2 COUNTUP
0178	C.	***** End EIS operation (TI set) *****		
0179	C.			
0180	C.			
0181	C.			
0182	C.	***** XRT START *****		
0183	C.	Execute, after the success of OP upload.		
0184	+. TI	2026-01-06 11:29:00.0		
0185	DC	07-F0 MDP_XRT_MODE_STBY		
0186	BC	(c3)		
0187	C.	[] [HK1_TI_CMD_NUM]	EQ	1COUNTUP
0188	C.			
0189	C.	***** XRT END *****		
0190	C.			
0191	C.	***** MDP ' u A I m I » 6 % m E A D m 1 m e D C B C • x 2 e *****		
0192	C.	(¾ a ° I Y O Y A Y E Y P Y E Y A Y e Y e m E ¾ m m ¾ A » U m 1 m e)		
0193	S.	DC-BC dcbc-402:DCBC		

```
0194      (MDP_known_event)
0195      C.
0196      C.
0197      . C. ***** 𐄂𐄂𐄂!•İ Daily±ĭİÑ𐄂Ē'Ø𐄂¹𐄂ĕDCBC•x²è *****
0198      . S. DC-BC dcbc-153:DCBC
0199      (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0200      C.
0201      C.
0202      . C. ĭāLOS𐄂Á𐄂$𐄂Ā𐄂⁻¼Ā»Üĭä
0203      C.
0204      . C. ***** LOS *****
0205      C.
```

```
main-724 2026-01-06 12:05:41 94 33 SOLAR-B MAIN //  
0001 C.  
0002 . C. ***** AOS *****  
0003 C.  
0004 . C. ;ãAOSŴÁŸ$ŷÄŸ~¼Å»Ü;ä  
0005 C.  
0006 C. ŶÀŶß;¼ŷ³ŶÐŷóŶÉÁ÷¿@  
0007 +. DC 00-00 NULL_DUMMY_CMD  
0008 C.  
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****  
0010 C. Äí;Ë¤¿¤Ã¤•µ°E¤Í×Ã¤¤ÎŶ¢ŶÄŷ×ŷî;¼ŷE;ËÈè½µ•ïfË;Ë¤Ê¼°CÔ¤¤•¤¿½¹¿¤¤İ;¢À®,ù¤¹¤È¤P¤ÇÁ÷¿@¤¤•¤Ê¤¤¤¤³¤È;£  
0011 +. DC 02-8E AOCU_ORB_UPD  
0012 C.  
0013 C.  
0014 . C. ***** AOCS Commands (Tracking Curve Upload) *****  
0015 C. Upload the Orbit Element and the Target Attitude  
0016 C. RAM-ID:TARGET_ATT  
0017 . S. RAM ram-150:TARGET_ATT  
0018 ()  
0019 C.  
0020 C.  
0021 C. Set the dump memory area of TARGET_ATT  
0022 +. DC 02-48 AOCU_DUMP_SET  
0023 BC (07 00 00 00 18 00)  
0024 C.  
0025 C. <A_STSI>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]  
0026 C.  
0027 C.  
0028 C. Change the TLMFormatNo for the AOCS Dump Format  
0029 +. DC 01-22 DHU_MODE_CHNG  
0030 BC (04 0b f8)  
0031 C.  
0032 C. Wait for AOCSDUMP to end  
0033 C.  
0034 . C. Check the dump memory  
0035 C.  
0036 C. Result = OK [ ]  
0037 C.  
0038 +. DC 01-22 DHU_MODE_CHNG  
0039 BC (02 0a f8)  
0040 C.  
0041 C. <A_***>[TLM STS] FMT = 2 [ ]  
0042 C.  
0043 +. DC 02-8E AOCU_ORB_UPD  
0044 . C.  
0045 . C. ***** AOCS Commands (Orbital Element Update) *****  
0046 C. Update the orbital element  
0047 +. DC 02-50 AOCU_ORB_PRPGT_START  
0048 BC (16)  
0049 +. DC 02-8E AOCU_ORB_UPD  
0050 C.  
0051 C. <A_ORB>[ORBIT] EPC = 3784545.5 +- 1.0 (s) [ ]  
0052 C.  
0053 . C.  
0054 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes  
0055 +. DC 07-FC EIS_MODE_CHG_ENA  
0056 BC (20)  
0057 . C. Verify EIS_MODE_CHG_FLG is ENA  
0058 +. DC 07-FC EIS_MODE_MANU  
0059 BC (21 02)  
0060 . C. Verify EIS in MANUAL mode  
0061 . C. Estimated OBSTBL upload time is 36s  
0062 C. *****  
0063 C. EIS START OBSTBL LOAD  
0064 C. *****  
0065 . S. RAM ram-820:EIS_OBSTBL  
0066 ()  
0067 +. DC 07-FC EIS_DUMP_OBSTBL  
0068 BC (07 07 07 00 00 70 00)  
0069 C.  
0070 C. Execute, after the success of OBSTBL upload.  
0071 C. Set EIS TI-commands  
0072 +. TI 2026-01-06 11:29:50.0  
0073 DC 07-FC EIS_MODE_CHG_ENA  
0074 BC (20)  
0075 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP  
0076 C. *****  
0077 C. EIS END OBSTBL LOAD  
0078 C. *****  
0079 C.  
0080 . C. ***** MDP ‘ûÃî=î›ö¾Ý¤ÊÂ¤¤¹¤èDCBC•×²è *****  
0081 C. (¾â°ìŶÓŶÄŷEŶÐŶÈŶÄŶ¢Ŷè¤Ê¾¤¤¼Å»Ü¤¹¤é)  
0082 . S. DC-BC dcbc-402:DCBC  
0083 (MDP_known_event)  
0084 C.  
0085 C.  
0086 . C. ***** ŶÐŶ¹•İ Daily±¿ín¤È‘Ø¤¹¤èDCBC•×²è *****  
0087 . S. DC-BC dcbc-153:DCBC  
0088 (SPECIAL-CMD_DAILY_OPERATIN_DCB)  
0089 C.  
0090 C.  
0091 . C. ;ãLOSŴÁŸ$ŷÄŸ~¼Å»Ü;ä  
0092 C.  
0093 . C. ***** LOS *****  
0094 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-725 2026-01-06 12:05:41 140 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŸÁŸ$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. Äí;Ë¼Ä¼•µ°Æ»Í×ÄÇ¼ÍŸÇŸÄŸ×Ÿí;¼ŸÉ;ËËè¼µ•ííË;Ë¼Ë¼°ÇÖ¼¼•¼¿¼¹Ç¼Í;ÇÄ®,ù¼¹¼è¼D¼ÇÄ÷¿®¼•¼Ë¼¼¼³¼Ë;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. SOT table upload
0016 C. *****
0017 . C. < Stop SP table >
0018 +. DC 07-F0 MDP_SP_CTRL_MANU
0019 BC (61)
0020 C. -----
0021 C. MDP_SP_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload SP Observation Table>
0025 . S. RAM ram-282:MDP_OBS_S
0026 ()
0027 C.
0028 . C. < Dump RAMID=MDP_OBS_S >
0029 +. DC 07-F0 MDP_DUMP_SPTBL
0030 BC (83 07 00 00 00 38 b8)
0031 C. -----
0032 C. MDP_OBS_S verify = OK/NG [ ]
0033 C. -----
0034 C.
0035 C. *****
0036 C. SOT TI command set
0037 C. *****
0038 C. Execute, after the success of TBL upload.
0039 +. TI 2026-01-06 11:29:18.0
0040 DC 07-F0 MDP_SOT_MODE_OBSV
0041 BC (40)
0042 C. -----
0043 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0044 C. -----
0045 C.
0046 C.
0047 C. ***** XRT START *****
0048 C.
0049 +. DC 07-F0 MDP_XRT_CTRL_MANU
0050 BC (c1)
0051 +. DC 07-F0 MDP_XRT_CTRL_MANU
0052 BC (c1)
0053 +. DC 07-F0 MDP_XRT_MODE_STBY
0054 BC (c3)
0055 . C. ----- Success Verify ? OK / NG_____
0056 C.
0057 C. XRT Obs. Table Upload
0058 . S. RAM ram-291:MDP_OBS_X
0059 ()
0060 C.
0061 +. DC 07-F0 MDP_DUMP_XRTTBL
0062 BC (84 07 00 00 00 3a d4)
0063 . C. ----- Comparison Check ? OK / ERR _____
0064 C.
0065 C.
0066 +. DC 07-F0 MDP_XRT_ROI_SET
0067 BC (cd 01 b1 b1 04 04)
0068 +. DC 07-F0 MDP_XRT_ROI_SET
0069 BC (cd 02 b1 b1 08 08)
0070 +. DC 07-F0 MDP_XRT_ROI_SET
0071 BC (cd 03 b1 b1 08 08)
0072 +. DC 07-F0 MDP_XRT_ROI_SET
0073 BC (cd 04 b1 b1 06 06)
0074 +. DC 07-F0 MDP_XRT_ROI_SET
0075 BC (cd 05 85 83 06 06)
0076 +. DC 07-F0 MDP_XRT_ROI_SET
0077 BC (cd 06 80 80 08 08)
0078 +. DC 07-F0 MDP_XRT_ROI_SET
0079 BC (cd 07 80 80 20 20)
0080 +. DC 07-F0 MDP_XRT_ROI_SET
0081 BC (cd 08 c0 c0 10 10)
0082 +. DC 07-F0 MDP_XRT_ROI_SET
0083 BC (cd 09 40 c0 10 10)
0084 +. DC 07-F0 MDP_XRT_ROI_SET
0085 BC (cd 0a 40 40 10 10)
0086 +. DC 07-F0 MDP_XRT_ROI_SET
0087 BC (cd 0b c0 40 10 10)
0088 +. DC 07-F0 MDP_XRT_ROI_SET
0089 BC (cd 0c 80 80 20 08)
0090 +. DC 07-F0 MDP_XRT_ROI_SET
0091 BC (cd 0d 80 80 08 20)
0092 +. DC 07-F0 MDP_XRT_ROI_SET
0093 BC (cd 0e 85 83 06 06)
0094 +. DC 07-F0 MDP_XRT_ROI_SET
0095 BC (cd 0f 80 80 06 06)
```

```
0096 + DC 07-F0 MDP_XRT_ROI_SET
0097 BC (cd 10 80 80 08 08)
0098 + DC 07-F0 MDP_XRT_FLD_ENA
0099 BC (d8)
0100 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0101 BC (c8)
0102 + DC 07-F0 MDP_XRT_ARS_DIS
0103 BC (d5)
0104 + DC 07-F0 MDP_XRT_AEC_RESET
0105 BC (d0)
0106 + DC 07-F0 MDP_XRT_FLD_RESET
0107 BC (da)
0108 + DC 07-F0 MDP_XRT_QT_PROG_SET
0109 BC (c4 0b)
0110 + DC 07-F0 MDP_XRT_FL_PROG_SET
0111 BC (c5 0e)
0112 . C. ----- Success Verify ? OK / NG ____
0113 C.
0114 C.
0115 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0116 C.
0117 + DC 07-F0 MDP_XRT_MODE_OBSV
0118 BC (c2)
0119 + TI 2026-01-06 11:29:02.0
0120 DC 07-F0 MDP_XRT_MODE_OBSV
0121 BC (c2)
0122 . C. ----- Success Verify ? OK / NG ____
0123 C.
0124 C. ***** XRT END *****
0125 C.
0126 . C. ***** MDP `úÃî»Î»ö¾Ý»ËÄÐ¹¼èDCBC•x²è *****
0127 S. (%â°ï¥Ö¥Æ¥Ê¥Þ¥Ç¥ä¥ç¥ë½¾¼¼Å»Ü¹¼è)
0128 . S. DC-BC dcbc-402:DCBC
0129 (MDP_known_event)
0130 C.
0131 C.
0132 . C. ***** ¥Ð¥¹•İ Daily±¿İÑ»Ë'Ø¹¼èDCBC•x²è *****
0133 . S. DC-BC dcbc-153:DCBC
0134 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0135 C.
0136 C.
0137 . C. ¡ãLOS¥Á¥$¥Ã¥¬¼Å»Ü¡ã
0138 C.
0139 . C. ***** LOS *****
0140 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-726 2026-01-06 12:05:41 29 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŸÁŸSŸÃŸ~¼Ã»Ü;ä
0005 C.
0006 C. ŸÀŸß;¼Ÿ³ŸÐŸóŸÉÁ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOS : Reload orbital element (send every contact) *****
0010 C. Áí;Ë¿µ°Æ»Í×ÁÇµÎŸçŸÃŸ×Ÿí;¼ŸÉ;ËËè½µ•íÍË;ËµË¼°ÇÔµ•µ¿¼í¹ÇµÍ;çÀ®,ùµ¹µèµÐµÇÁ÷¿®µ•µÊµµµ³µÈ;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 . C. ***** MDP 'ûÃÎµÎ»ö¼ÝµËËÐµ¹µèDCBC•×²è *****
0016 C. (¾å°îŸÓŸÃŸËŸÐŸËŸÃŸçŸèµË¾¼µµ¼Ã»Üµ¹µè)
0017 . S. DC-BC dcbc-402:DCBC
0018 (MDP_known_event)
0019 C.
0020 C.
0021 . C. ***** ŸÐŸ¹•Ï Daily±¿ÍÑµË'Øµ¹µèDCBC•×²è *****
0022 . S. DC-BC dcbc-153:DCBC
0023 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0024 C.
0025 C.
0026 . C. ;ãLOSŸÁŸSŸÃŸ~¼Ã»Ü;ä
0027 C.
0028 . C. ***** LOS *****
0029 C.
```

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*** OP Sequence for XRT ***

2026/01/06	11:40:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00	55	3f	01	db
2026/01/06	18:40:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00
2026/01/06	18:50:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	04	03	74	01	db
2026/01/07	05:56:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00
2026/01/07	06:00:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/07	06:00:02.0	XRT_TCIB_XRT_S_HTR_A_DIS_445_OG [0x1bd]							
		TCIB_XRT_S_HTR_A_DIS	0	04-C0					
2026/01/07	06:06:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	04	03	74	01	db
2026/01/07	11:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/07	11:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/07	11:59:58.0	XRT_FOCUS_RECALIBRATE_407_OG [0x197]							
		XRT_FOCUS_RECAL	2	07-F8	78	00			
2026/01/07	12:00:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00	2e	f9	2e	f9
2026/01/07	12:03:58.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2026/01/07	12:06:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/01/07	12:06:54.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2026/01/07	12:06:56.0	XRT_FLD_DIS_432_OG [0x1b0]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2026/01/07	12:06:58.0	XRT_QT_PROG_SET_437_OG [0x1b5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	12			
2026/01/07	12:07:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/07	12:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/07	12:09:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/07	12:09:58.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2026/01/07	12:10:00.0	AOCS_ORe-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00	2e	f9	d1	07
2026/01/07	12:12:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/01/07	12:12:54.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2026/01/07	12:12:56.0	XRT_FLD_DIS_432_OG [0x1b0]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2026/01/07	12:12:58.0	XRT_QT_PROG_SET_433_OG [0x1b1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	11			
2026/01/07	12:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/07	12:19:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/07	12:19:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/07	12:19:58.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2026/01/07	12:20:00.0	AOCS_ORe-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00	d1	07	d1	07
2026/01/07	12:22:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/01/07	12:22:54.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2026/01/07	12:22:56.0	XRT_FLD_DIS_432_OG [0x1b0]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2026/01/07	12:22:58.0	XRT_QT_PROG_SET_446_OG [0x1be]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	10			
2026/01/07	12:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/07	12:29:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/07	12:29:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/07	12:29:58.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2026/01/07	12:30:00.0	AOCS_ORe-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00	d1	07	2e	f9
2026/01/07	12:32:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/01/07	12:32:54.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2026/01/07	12:32:56.0	XRT_FLD_DIS_432_OG [0x1b0]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2026/01/07	12:32:58.0	XRT_QT_PROG_SET_441_OG [0x1b9]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f			
2026/01/07	12:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/07	12:39:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/07	12:39:56.0	XRT_FOCUS_POSITION_406_OG [0x196]							

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2026/01/07	12:40:00.0	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
2026/01/07	12:40:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2026/01/07	12:40:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2026/01/07	12:40:20.0	XRT_ARS_DIS_425_OG [0x1a9]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2026/01/07	12:42:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06		
2026/01/07	12:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/01/07	12:49:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/01/07	12:49:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2026/01/07	12:50:00.0	AOCS_ORe-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	02	03	74	01
2026/01/07	12:50:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2026/01/07	12:50:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2026/01/07	12:50:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2026/01/07	12:50:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2026/01/07	12:50:24.0	XRT_FLD_RESET_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/01/07	12:52:56.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a		
2026/01/07	12:52:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e		
2026/01/07	12:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/01/07	15:26:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/01/07	15:26:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/01/07	15:26:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2026/01/07	15:29:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/01/07	15:34:30.0	XRT_Custom_430_OG [0x1ae]							
2026/01/07	15:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/01/07	16:59:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/01/07	16:59:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/01/07	16:59:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2026/01/07	17:02:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/01/07	17:22:30.0	XRT_Custom_430_OG [0x1ae]							
2026/01/07	17:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/01/07	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/01/07	17:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2026/01/07	18:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	00	00	00
2026/01/07	18:00:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2026/01/07	18:00:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2026/01/07	18:00:20.0	XRT_ARS_DIS_425_OG [0x1a9]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2026/01/07	18:02:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06		
2026/01/07	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/01/07	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/01/07	18:09:56.0	XRT_ROI_A_417_OG [0x1a1]	MDP_XRT_ROI_SET	6	07-F0	cd	05	85	83
			MDP_XRT_ROI_SET	6	07-F0	cd	06	80	80
			MDP_XRT_ROI_SET	6	07-F0	cd	07	80	80
			MDP_XRT_ROI_SET	6	07-F0	cd	08	85	83
			MDP_XRT_ROI_SET	6	07-F0	cd	0c	80	80
			MDP_XRT_ROI_SET	6	07-F0	cd	0d	80	80
			MDP_XRT_ROI_SET	6	07-F0	cd	0e	85	83
			MDP_XRT_ROI_SET	6	07-F0	cd	0f	80	80
2026/01/07	18:09:56.5	XRT_ROI_B_416_OG [0x1a0]	MDP_XRT_ROI_SET	6	07-F0	cd	0f	80	80
			MDP_XRT_ROI_SET	6	07-F0	cd	10	80	80
2026/01/07	18:10:00.0	AOCS_ORe-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	02	03	74	01
2026/01/07	18:10:01.5	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2026/01/07	18:10:21.5	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			

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2026/01/07	18:10:23.5	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/01/07	18:10:25.5	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2026/01/07	18:10:27.5	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2026/01/07	18:10:29.5	XRT_FLD_RESET_410_OG [0x19a]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/07	18:13:01.5	XRT_QT_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2026/01/07	18:13:04.5	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/01/07	18:13:06.5	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/07	18:35:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/07	18:35:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/07	18:35:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/07	18:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/07	18:59:00.0	XRT_Custom_430_OG [0x1ae]			
2026/01/07	19:00:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/07	20:12:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/07	20:12:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/07	20:12:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/07	20:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/07	20:35:30.0	XRT_Custom_430_OG [0x1ae]			
2026/01/07	20:36:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/07	21:49:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/07	21:49:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/07	21:49:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/07	21:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/07	22:12:30.0	XRT_Custom_430_OG [0x1ae]			
2026/01/07	22:13:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/07	23:26:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/07	23:26:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/07	23:26:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/07	23:29:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/07	23:47:30.0	XRT_Custom_430_OG [0x1ae]			
2026/01/07	23:48:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/08	01:03:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/08	01:03:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/08	01:03:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/08	01:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/08	01:12:00.0	XRT_Custom_430_OG [0x1ae]			
2026/01/08	01:13:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/08	02:28:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/08	02:28:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/08	02:28:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/08	02:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/08	02:46:00.0	XRT_Custom_430_OG [0x1ae]			
2026/01/08	02:47:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/08	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/08	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/01/08	04:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2026/01/08	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2026/01/08	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/01/08	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2026/01/08	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]			

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2026/01/08	04:00:24.0	MDP_XRT_ARS_DIS	1	07-F0	d5
		XRT_FLD_RESET_410_OG [0x19a]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/08	04:02:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2026/01/08	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/01/08	04:22:30.0	XRT_Custom_430_OG [0x1ae]			
2026/01/08	04:23:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/08	05:31:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/08	05:31:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/08	05:31:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/08	05:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/08	05:59:30.0	XRT_Custom_430_OG [0x1ae]			
2026/01/08	06:00:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/08	06:08:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/08	06:08:26.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/01/08	06:08:46.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2026/01/08	06:08:48.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2026/01/08	06:08:50.0	XRT_ARS_DIS_425_OG [0x1a9]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2026/01/08	06:11:28.0	XRT_QT_PROG_SET_421_OG [0x1a5]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2026/01/08	06:11:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/08	06:18:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/08	06:18:26.0	XRT_FOCUS_POSITION_414_OG [0x19e]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2026/01/08	06:18:30.0	AOCS_ORe-point_Start_8_OG [0x09e]			
		AOCU_NM	5	02-76	02 03 74 01 db
2026/01/08	06:18:46.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2026/01/08	06:18:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/01/08	06:18:50.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2026/01/08	06:18:52.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2026/01/08	06:18:54.0	XRT_FLD_RESET_410_OG [0x19a]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/08	06:21:26.0	XRT_QT_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2026/01/08	06:21:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/01/08	06:21:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/08	07:11:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/08	07:11:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/08	07:11:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/08	07:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/08	07:36:30.0	XRT_Custom_430_OG [0x1ae]			
2026/01/08	07:37:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/08	08:51:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/08	08:51:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/08	08:51:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/08	08:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/08	09:13:30.0	XRT_Custom_430_OG [0x1ae]			
2026/01/08	09:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/08	10:30:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/08	10:30:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/08	10:30:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/08	10:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/08	10:48:00.0	XRT_Custom_430_OG [0x1ae]			
2026/01/08	10:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/08	10:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/08	10:59:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]			

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2026/01/08	11:00:00.0	AOCS_ORe-point_Start_9_OG [0x09f]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
		AOCU_NM		5	02-76	00	b3	75	01 db
2026/01/08	11:00:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA		1	07-F0	d8			
2026/01/08	11:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA		1	07-F0	c8			
2026/01/08	11:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET		1	07-F0	d0			
2026/01/08	11:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS		1	07-F0	d5			
2026/01/08	11:00:24.0	XRT_FLD_RESET_410_OG [0x19a]							
		MDP_XRT_FLD_RESET		1	07-F0	da			
2026/01/08	11:02:56.0	XRT_QT_PROG_SET_426_OG [0x1aa]							
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	05		
2026/01/08	11:02:58.0	XRT_FL_PROG_SET_428_OG [0x1ac]							
		MDP_XRT_FL_PROG_SET		2	07-F0	c5	0d		
2026/01/08	11:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO		1	07-F0	c0			
2026/01/08	15:55:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU		1	07-F0	c1			
2026/01/08	15:55:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET		1	07-F0	da			
2026/01/08	15:55:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT		1	07-F0	e8			
2026/01/08	15:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP		1	07-F0	e9			
2026/01/08	16:07:30.0	XRT_Custom_430_OG [0x1ae]							
2026/01/08	16:08:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO		1	07-F0	c0			
2026/01/08	17:30:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU		1	07-F0	c1			
2026/01/08	17:30:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET		1	07-F0	da			
2026/01/08	17:30:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT		1	07-F0	e8			
2026/01/08	17:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP		1	07-F0	e9			
2026/01/08	17:54:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU		1	07-F0	c1			
2026/01/08	17:54:26.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION		4	07-F8	22	ff	aa	00
2026/01/08	17:54:30.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM		5	02-76	00	00	00	00 00
2026/01/08	17:54:46.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS		1	07-F0	d9			
2026/01/08	17:54:48.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS		1	07-F0	c9			
2026/01/08	17:54:50.0	XRT_ARS_DIS_425_OG [0x1a9]							
		MDP_XRT_ARS_DIS		1	07-F0	d5			
2026/01/08	17:57:28.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	06		
2026/01/08	17:57:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO		1	07-F0	c0			
2026/01/08	18:04:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU		1	07-F0	c1			
2026/01/08	18:04:26.0	XRT_FOCUS_POSITION_414_OG [0x19e]							
		XRT_FOCUS_POSITION		4	07-F8	22	fe	97	00
2026/01/08	18:04:30.0	AOCS_ORe-point_Start_8_OG [0x09e]							
		AOCU_NM		5	02-76	02	03	74	01 db
2026/01/08	18:04:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA		1	07-F0	d8			
2026/01/08	18:04:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA		1	07-F0	c8			
2026/01/08	18:04:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET		1	07-F0	d0			
2026/01/08	18:04:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS		1	07-F0	d5			
2026/01/08	18:04:54.0	XRT_FLD_RESET_410_OG [0x19a]							
		MDP_XRT_FLD_RESET		1	07-F0	da			
2026/01/08	18:07:26.0	XRT_QT_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	09		
2026/01/08	18:07:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET		2	07-F0	c5	0e		
2026/01/08	18:07:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO		1	07-F0	c0			
2026/01/08	19:07:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU		1	07-F0	c1			
2026/01/08	19:07:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET		1	07-F0	da			
2026/01/08	19:07:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT		1	07-F0	e8			
2026/01/08	19:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP		1	07-F0	e9			
2026/01/08	19:30:30.0	XRT_Custom_430_OG [0x1ae]							
2026/01/08	19:31:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO		1	07-F0	c0			
2026/01/08	20:44:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU		1	07-F0	c1			
2026/01/08	20:44:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET		1	07-F0	da			
2026/01/08	20:44:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT		1	07-F0	e8			

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2026/01/08	20:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/01/08	21:07:00.0	XRT_Custom_430_OG [0x1ae]							
2026/01/08	21:08:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/08	22:21:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/08	22:21:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/08	22:21:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/01/08	22:24:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/01/08	22:44:00.0	XRT_Custom_430_OG [0x1ae]							
2026/01/08	22:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/08	23:58:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/08	23:58:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/08	23:58:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/01/09	00:01:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/01/09	00:18:00.0	XRT_Custom_430_OG [0x1ae]							
2026/01/09	00:19:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/09	01:35:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/09	01:35:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/09	01:35:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/01/09	01:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/01/09	01:42:00.0	XRT_Custom_430_OG [0x1ae]							
2026/01/09	01:43:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/09	02:57:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/09	02:57:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/09	02:57:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/01/09	03:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/01/09	03:17:00.0	XRT_Custom_430_OG [0x1ae]							
2026/01/09	03:18:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/09	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/09	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2026/01/09	04:00:00.5	AOCs_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2026/01/09	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/01/09	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/01/09	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/01/09	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/01/09	04:00:24.0	XRT_FLD_RESET_410_OG [0x19a]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/09	04:02:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02				
2026/01/09	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2026/01/09	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/09	04:31:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/09	04:31:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/09	04:31:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/01/09	04:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/01/09	04:54:00.0	XRT_Custom_430_OG [0x1ae]							
2026/01/09	04:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/09	05:36:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/09	05:36:56.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2026/01/09	05:37:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2026/01/09	05:37:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2026/01/09	05:37:20.0	XRT_ARS_DIS_425_OG [0x1a9]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/01/09	05:39:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]							

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2026/01/09	05:40:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/01/09	05:46:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/01/09	05:46:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2026/01/09	05:47:00.0	AOCs_Or-point_Start_10_OG [0x0a0]	AOCU_NM	5	02-76	00	03 74 ab 8e
2026/01/09	05:47:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2026/01/09	05:47:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2026/01/09	05:47:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2026/01/09	05:47:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2026/01/09	05:47:24.0	XRT_FLD_RESET_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/01/09	05:49:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07
2026/01/09	05:49:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2026/01/09	05:50:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/01/09	06:03:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/01/09	06:03:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/01/09	06:03:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/01/09	06:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/01/09	06:31:00.0	XRT_Custom_430_OG [0x1ae]					
2026/01/09	06:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/01/09	07:43:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/01/09	07:43:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/01/09	07:43:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/01/09	07:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/01/09	08:08:00.0	XRT_Custom_430_OG [0x1ae]					
2026/01/09	08:09:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/01/09	08:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/01/09	08:59:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2026/01/09	09:00:00.0	AOCs_Or-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	02	03 74 01 db
2026/01/09	09:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2026/01/09	09:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2026/01/09	09:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2026/01/09	09:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2026/01/09	09:00:24.0	XRT_FLD_RESET_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/01/09	09:02:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07
2026/01/09	09:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2026/01/09	09:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/01/09	09:23:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/01/09	09:23:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/01/09	09:23:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/01/09	09:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/01/09	09:44:30.0	XRT_Custom_430_OG [0x1ae]					
2026/01/09	09:45:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/01/09	11:03:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/01/09	11:03:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/01/09	11:03:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/01/09	11:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/01/09	11:17:00.0	XRT_Custom_430_OG [0x1ae]					
2026/01/09	11:18:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/01/09	16:26:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	

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2026/01/09	16:26:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/09	16:26:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/09	16:29:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/09	16:49:00.0	XRT_Custom_430_OG [0x1ae]				
2026/01/09	16:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/09	17:37:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/09	17:37:26.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/01/09	17:37:30.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00
2026/01/09	17:37:46.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2026/01/09	17:37:48.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2026/01/09	17:37:50.0	XRT_ARS_DIS_425_OG [0x1a9]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/01/09	17:40:28.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2026/01/09	17:40:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/09	17:47:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/09	17:47:26.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2026/01/09	17:47:30.0	AOCS_ORe-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	02 03 74 01 db
2026/01/09	17:47:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2026/01/09	17:47:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/01/09	17:47:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2026/01/09	17:47:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/01/09	17:47:54.0	XRT_FLD_RESET_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/09	17:50:26.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2026/01/09	17:50:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/01/09	17:50:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/09	18:01:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/09	18:01:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/09	18:01:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/09	18:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/09	18:25:30.0	XRT_Custom_430_OG [0x1ae]				
2026/01/09	18:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/09	19:38:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/09	19:38:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/09	19:38:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/09	19:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/09	20:02:00.0	XRT_Custom_430_OG [0x1ae]				
2026/01/09	20:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/09	21:15:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/09	21:15:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/09	21:15:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/09	21:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/09	21:39:00.0	XRT_Custom_430_OG [0x1ae]				
2026/01/09	21:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/09	22:52:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/09	22:52:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/09	22:52:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/09	22:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/09	23:15:00.0	XRT_Custom_430_OG [0x1ae]				
2026/01/09	23:16:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/10	00:29:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1

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2026/01/10	00:29:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/10	00:29:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/01/10	00:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/01/10	00:42:30.0	XRT_Custom_430_OG [0x1ae]							
2026/01/10	00:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/10	01:58:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/10	01:58:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/10	01:58:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/01/10	02:01:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/01/10	02:12:30.0	XRT_Custom_430_OG [0x1ae]							
2026/01/10	02:13:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/10	03:28:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/10	03:28:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/10	03:28:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/01/10	03:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/01/10	03:48:30.0	XRT_Custom_430_OG [0x1ae]							
2026/01/10	03:49:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/10	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/10	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2026/01/10	04:00:00.0	AOCs_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2026/01/10	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/01/10	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/01/10	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/01/10	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/01/10	04:00:24.0	XRT_FLD_RESET_410_OG [0x19a]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/10	04:02:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02				
2026/01/10	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2026/01/10	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/10	04:56:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/10	04:56:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/10	04:56:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/01/10	04:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/01/10	05:25:30.0	XRT_Custom_430_OG [0x1ae]							
2026/01/10	05:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/10	05:53:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/10	05:53:26.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2026/01/10	05:53:46.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2026/01/10	05:53:48.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2026/01/10	05:53:50.0	XRT_ARS_DIS_425_OG [0x1a9]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/01/10	05:56:28.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06				
2026/01/10	05:56:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/10	06:03:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/10	06:03:26.0	XRT_FOCUS_POSITION_414_OG [0x19e]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2026/01/10	06:03:30.0	AOCs_Ore-point_Start_8_OG [0x09e]							
		AOCU_NM	5	02-76	02 03 74 01 db				
2026/01/10	06:03:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/01/10	06:03:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/01/10	06:03:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/01/10	06:03:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/01/10	06:03:54.0	XRT_FLD_RESET_410_OG [0x19a]							

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2026/01/10	06:06:26.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/10	06:06:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2026/01/10	06:06:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/01/10	06:36:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/10	06:36:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/10	06:36:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/10	06:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/10	07:03:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/10	07:04:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]				
2026/01/10	08:16:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/10	08:16:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/10	08:16:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/10	08:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/10	08:39:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/10	08:40:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2026/01/10	09:55:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/10	09:55:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/10	09:55:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/10	09:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/10	10:15:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/10	10:16:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2026/01/10	11:37:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/10	11:37:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/10	11:37:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/10	11:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/10	11:43:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/10	11:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2026/01/10	15:23:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/10	15:23:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/10	15:23:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/10	15:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/10	15:32:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/10	15:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2026/01/10	16:57:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/10	16:57:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/10	16:57:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/10	17:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/10	17:20:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/10	17:21:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2026/01/10	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/10	17:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/10	18:00:00.0	AOCs_Ore-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/01/10	18:00:16.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00
2026/01/10	18:00:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9
2026/01/10	18:00:20.0	XRT_ARS_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2026/01/10	18:02:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/01/10	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2026/01/10	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/10	18:09:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1
		XRT_FOCUS_POSITION		4	07-F8	22 fe 97 00

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2026/01/10	18:10:00.0	AOCS_ORe-point_Start_8_OG [0x09e]			
		AOCU_NM	5	02-76 02 03 74 01 db	
2026/01/10	18:10:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0 d8	
2026/01/10	18:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8	
2026/01/10	18:10:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0 d0	
2026/01/10	18:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0 d5	
2026/01/10	18:10:24.0	XRT_FLD_RESET_410_OG [0x19a]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2026/01/10	18:12:56.0	XRT_QT_PROG_SET_404_OG [0x194]			
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 07	
2026/01/10	18:12:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0e	
2026/01/10	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2026/01/10	18:33:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2026/01/10	18:33:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2026/01/10	18:33:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0 e8	
2026/01/10	18:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0 e9	
2026/01/10	18:57:00.0	XRT_Custom_430_OG [0x1ae]			
2026/01/10	18:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2026/01/10	20:10:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2026/01/10	20:10:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2026/01/10	20:10:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0 e8	
2026/01/10	20:13:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0 e9	
2026/01/10	20:33:00.0	XRT_Custom_430_OG [0x1ae]			
2026/01/10	20:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2026/01/10	21:47:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2026/01/10	21:47:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2026/01/10	21:47:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0 e8	
2026/01/10	21:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0 e9	
2026/01/10	22:10:30.0	XRT_Custom_430_OG [0x1ae]			
2026/01/10	22:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2026/01/10	23:24:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2026/01/10	23:24:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2026/01/10	23:24:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0 e8	
2026/01/10	23:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0 e9	
2026/01/10	23:45:30.0	XRT_Custom_430_OG [0x1ae]			
2026/01/10	23:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2026/01/11	01:01:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2026/01/11	01:01:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2026/01/11	01:01:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0 e8	
2026/01/11	01:04:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0 e9	
2026/01/11	01:10:00.0	XRT_Custom_430_OG [0x1ae]			
2026/01/11	01:11:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2026/01/11	02:25:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2026/01/11	02:25:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2026/01/11	02:25:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0 e8	
2026/01/11	02:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0 e9	
2026/01/11	02:43:30.0	XRT_Custom_430_OG [0x1ae]			
2026/01/11	02:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2026/01/11	03:59:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2026/01/11	03:59:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2026/01/11	03:59:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0 e8	
2026/01/11	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2026/01/11	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			

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2026/01/11	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
2026/01/11	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2026/01/11	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2026/01/11	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2026/01/11	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2026/01/11	04:00:24.0	XRT_FLD_RESET_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/01/11	04:02:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/01/11	04:02:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02		
2026/01/11	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e		
2026/01/11	04:20:00.0	XRT_Custom_430_OG [0x1ae]							
2026/01/11	04:21:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/01/11	05:28:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/01/11	05:28:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/01/11	05:28:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2026/01/11	05:31:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/01/11	05:57:00.0	XRT_Custom_430_OG [0x1ae]							
2026/01/11	05:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/01/11	06:06:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/01/11	06:06:26.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2026/01/11	06:06:46.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2026/01/11	06:06:48.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2026/01/11	06:06:50.0	XRT_ARS_DIS_425_OG [0x1a9]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2026/01/11	06:09:28.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06		
2026/01/11	06:09:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/01/11	06:16:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/01/11	06:16:26.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2026/01/11	06:16:30.0	AOCS_ORe-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	02	03	74	01
2026/01/11	06:16:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2026/01/11	06:16:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2026/01/11	06:16:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2026/01/11	06:16:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2026/01/11	06:16:54.0	XRT_FLD_RESET_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/01/11	06:19:26.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07		
2026/01/11	06:19:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e		
2026/01/11	06:19:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/01/11	07:08:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/01/11	07:08:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/01/11	07:08:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2026/01/11	07:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/01/11	07:34:30.0	XRT_Custom_430_OG [0x1ae]							
2026/01/11	07:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/01/11	08:48:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/01/11	08:48:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/01/11	08:48:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2026/01/11	08:51:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/01/11	09:11:00.0	XRT_Custom_430_OG [0x1ae]							
2026/01/11	09:12:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/01/11	10:28:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			

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2026/01/11	10:28:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2026/01/11	10:28:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2026/01/11	10:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2026/01/11	10:46:00.0	XRT_Custom_430_OG [0x1ae]			
2026/01/11	10:47:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2026/01/11	15:53:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2026/01/11	15:53:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2026/01/11	15:53:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2026/01/11	15:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2026/01/11	16:05:00.0	XRT_Custom_430_OG [0x1ae]			
2026/01/11	16:06:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2026/01/11	17:28:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2026/01/11	17:28:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2026/01/11	17:28:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2026/01/11	17:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2026/01/11	17:51:30.0	XRT_Custom_430_OG [0x1ae]			
2026/01/11	17:52:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2026/01/11	18:06:24.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2026/01/11	18:06:26.0	XRT_FOCUS_POSITION_406_OG [0x196]	4	07-F8	22 ff aa 00
		XRT_FOCUS_POSITION			
2026/01/11	18:06:30.0	AOCs_ORe-point_Start_2_OG [0x098]	5	02-76	00 00 00 00 00
		AOCU_NM			
2026/01/11	18:06:46.0	XRT_FLD_DIS_409_OG [0x199]	1	07-F0	d9
		MDP_XRT_FLD_DIS			
2026/01/11	18:06:48.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	1	07-F0	c9
		MDP_XRT_FLRCTRL_DIS			
2026/01/11	18:06:50.0	XRT_ARS_DIS_425_OG [0x1a9]	1	07-F0	d5
		MDP_XRT_ARS_DIS			
2026/01/11	18:09:28.0	XRT_QT_PROG_SET_421_OG [0x1a5]	2	07-F0	c4 06
		MDP_XRT_QT_PROG_SET			
2026/01/11	18:09:30.0	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2026/01/11	18:16:24.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2026/01/11	18:16:26.0	XRT_FOCUS_POSITION_414_OG [0x19e]	4	07-F8	22 fe 97 00
		XRT_FOCUS_POSITION			
2026/01/11	18:16:30.0	AOCs_ORe-point_Start_8_OG [0x09e]	5	02-76	02 03 74 01 db
		AOCU_NM			
2026/01/11	18:16:46.0	XRT_FLD_ENA_411_OG [0x19b]	1	07-F0	d8
		MDP_XRT_FLD_ENA			
2026/01/11	18:16:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	1	07-F0	c8
		MDP_XRT_FLRCTRL_ENA			
2026/01/11	18:16:50.0	XRT_AEC_RESET_448_OG [0x1c0]	1	07-F0	d0
		MDP_XRT_AEC_RESET			
2026/01/11	18:16:52.0	XRT_ARS_DIS_423_OG [0x1a7]	1	07-F0	d5
		MDP_XRT_ARS_DIS			
2026/01/11	18:16:54.0	XRT_FLD_RESET_410_OG [0x19a]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2026/01/11	18:19:26.0	XRT_QT_PROG_SET_404_OG [0x194]	2	07-F0	c4 07
		MDP_XRT_QT_PROG_SET			
2026/01/11	18:19:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	2	07-F0	c5 0e
		MDP_XRT_FL_PROG_SET			
2026/01/11	18:19:30.0	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2026/01/11	19:05:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2026/01/11	19:05:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2026/01/11	19:05:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2026/01/11	19:08:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2026/01/11	19:28:00.0	XRT_Custom_430_OG [0x1ae]			
2026/01/11	19:29:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2026/01/11	20:41:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2026/01/11	20:41:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2026/01/11	20:41:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2026/01/11	20:44:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2026/01/11	21:05:00.0	XRT_Custom_430_OG [0x1ae]			
2026/01/11	21:06:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2026/01/11	22:18:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			

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2026/01/11	22:18:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/11	22:18:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/11	22:21:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/11	22:41:30.0	XRT_Custom_430_OG [0x1ae]			
2026/01/11	22:42:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/11	23:55:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/11	23:55:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/11	23:55:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/11	23:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/12	00:16:00.0	XRT_Custom_430_OG [0x1ae]			
2026/01/12	00:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/12	01:32:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/12	01:32:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/12	01:32:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/12	01:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/12	01:39:30.0	XRT_Custom_430_OG [0x1ae]			
2026/01/12	01:40:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/12	02:55:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/12	02:55:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/12	02:55:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/12	02:58:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/12	03:15:00.0	XRT_Custom_430_OG [0x1ae]			
2026/01/12	03:16:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/12	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/12	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/01/12	04:00:00.0	AOCs_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2026/01/12	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2026/01/12	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/01/12	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2026/01/12	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2026/01/12	04:00:24.0	XRT_FLD_RESET_410_OG [0x19a]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/12	04:02:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2026/01/12	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/01/12	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/12	04:29:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/12	04:29:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/12	04:29:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/12	04:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/12	04:51:30.0	XRT_Custom_430_OG [0x1ae]			
2026/01/12	04:52:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/12	05:34:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/12	05:34:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/01/12	05:35:16.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2026/01/12	05:35:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2026/01/12	05:35:20.0	XRT_ARS_DIS_425_OG [0x1a9]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2026/01/12	05:37:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2026/01/12	05:38:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/12	05:44:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/12	05:44:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00

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2026/01/12	05:45:00.0	AOCS_ORe-point_Start_8_OG [0x09e]							
		AOCU_NM	5	02-76	02	03	74	01	db
2026/01/12	05:45:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/01/12	05:45:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/01/12	05:45:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/01/12	05:45:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/01/12	05:45:24.0	XRT_FLD_RESET_410_OG [0x19a]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/12	05:47:56.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	07			
2026/01/12	05:47:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e			
2026/01/12	05:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/12	06:01:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/12	06:01:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/12	06:01:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/01/12	06:04:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/01/12	06:29:00.0	XRT_Custom_430_OG [0x1ae]							
2026/01/12	06:30:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/12	07:41:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/12	07:41:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/12	07:41:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/01/12	07:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/01/12	08:06:00.0	XRT_Custom_430_OG [0x1ae]							
2026/01/12	08:07:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/12	09:20:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/12	09:20:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/12	09:20:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/01/12	09:23:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/01/12	09:42:30.0	XRT_Custom_430_OG [0x1ae]							
2026/01/12	09:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/12	11:01:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/12	11:01:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/12	11:01:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/01/12	11:04:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/01/12	11:15:00.0	XRT_Custom_430_OG [0x1ae]							
2026/01/12	11:16:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/12	16:23:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/12	16:23:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/12	16:23:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/01/12	16:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/01/12	16:46:30.0	XRT_Custom_430_OG [0x1ae]							
2026/01/12	16:47:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/12	17:59:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/12	17:59:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/12	17:59:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/01/12	18:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/01/12	18:22:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/12	18:22:56.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2026/01/12	18:23:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00
2026/01/12	18:23:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2026/01/12	18:23:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2026/01/12	18:23:20.0	XRT_ARS_DIS_425_OG [0x1a9]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				

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2026/01/12	18:25:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	06			
2026/01/12	18:26:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/12	18:32:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/12	18:32:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2026/01/12	18:33:00.0	AOCs_Ore-point_Start_8_OG [0x09e]							
		AOCU_NM	5	02-76	02	03	74	01	db
2026/01/12	18:33:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/01/12	18:33:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/01/12	18:33:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/01/12	18:33:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/01/12	18:33:24.0	XRT_FLD_RESET_410_OG [0x19a]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/12	18:35:56.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	07			
2026/01/12	18:35:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e			
2026/01/12	18:36:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/12	19:36:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/12	19:36:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/12	19:36:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/01/12	19:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/01/12	19:59:30.0	XRT_Custom_430_OG [0x1ae]							
2026/01/12	20:00:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/12	21:13:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/12	21:13:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/12	21:13:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/01/12	21:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/01/12	21:36:30.0	XRT_Custom_430_OG [0x1ae]							
2026/01/12	21:37:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/12	22:50:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/12	22:50:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/12	22:50:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/01/12	22:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/01/12	23:12:30.0	XRT_Custom_430_OG [0x1ae]							
2026/01/12	23:13:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/13	00:27:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/13	00:27:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/13	00:27:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/01/13	00:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/01/13	00:40:30.0	XRT_Custom_430_OG [0x1ae]							
2026/01/13	00:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/13	01:56:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/13	01:56:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/13	01:56:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/01/13	01:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/01/13	02:10:00.0	XRT_Custom_430_OG [0x1ae]							
2026/01/13	02:11:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/13	03:25:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/13	03:25:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/13	03:25:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/01/13	03:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/01/13	03:46:00.0	XRT_Custom_430_OG [0x1ae]							
2026/01/13	03:47:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/13	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							

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2026/01/13	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	1	07-F0	c1
2026/01/13	04:00:00.0	AOCs_ORe-point_Start_2_OG [0x098]	4	07-F8	22 ff aa 00
2026/01/13	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	5	02-76	00 00 00 00 00
2026/01/13	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	1	07-F0	d8
2026/01/13	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	1	07-F0	c8
2026/01/13	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	1	07-F0	d0
2026/01/13	04:00:24.0	XRT_FLD_RESET_410_OG [0x19a]	1	07-F0	d5
2026/01/13	04:02:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]	1	07-F0	da
2026/01/13	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	2	07-F0	c4 02
2026/01/13	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	2	07-F0	c5 0e
2026/01/13	04:53:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c0
2026/01/13	04:53:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	c1
2026/01/13	04:53:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	da
2026/01/13	04:56:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e8
2026/01/13	05:23:00.0	XRT_Custom_430_OG [0x1ae]	1	07-F0	e9
2026/01/13	05:24:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
2026/01/13	06:05:24.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1
2026/01/13	06:05:26.0	XRT_FOCUS_POSITION_406_OG [0x196]	4	07-F8	22 ff aa 00
2026/01/13	06:05:46.0	XRT_FLD_DIS_409_OG [0x199]	1	07-F0	d9
2026/01/13	06:05:48.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	1	07-F0	c9
2026/01/13	06:05:50.0	XRT_ARS_DIS_425_OG [0x1a9]	1	07-F0	d5
2026/01/13	06:08:28.0	XRT_QT_PROG_SET_421_OG [0x1a5]	2	07-F0	c4 06
2026/01/13	06:08:30.0	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0	c0
2026/01/13	06:15:24.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1
2026/01/13	06:15:26.0	XRT_FOCUS_POSITION_414_OG [0x19e]	4	07-F8	22 fe 97 00
2026/01/13	06:15:30.0	AOCs_ORe-point_Start_8_OG [0x09e]	5	02-76	02 03 74 01 db
2026/01/13	06:15:46.0	XRT_FLD_ENA_411_OG [0x19b]	1	07-F0	d8
2026/01/13	06:15:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	1	07-F0	c8
2026/01/13	06:15:50.0	XRT_AEC_RESET_448_OG [0x1c0]	1	07-F0	d0
2026/01/13	06:15:52.0	XRT_ARS_DIS_423_OG [0x1a7]	1	07-F0	d5
2026/01/13	06:15:54.0	XRT_FLD_RESET_410_OG [0x19a]	1	07-F0	da
2026/01/13	06:18:26.0	XRT_QT_PROG_SET_404_OG [0x194]	2	07-F0	c4 07
2026/01/13	06:18:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	2	07-F0	c5 0e
2026/01/13	06:18:30.0	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0	c0
2026/01/13	06:33:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
2026/01/13	06:33:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
2026/01/13	06:33:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	e8
2026/01/13	06:36:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
2026/01/13	07:00:30.0	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2026/01/13	07:01:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c1
2026/01/13	08:13:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
2026/01/13	08:13:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
2026/01/13	08:13:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	1	07-F0	e8
2026/01/13	08:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
2026/01/13	08:37:30.0	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2026/01/13	08:38:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c1
2026/01/13	09:53:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
2026/01/13	09:53:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	c1

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2026/01/13	09:53:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/13	09:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/13	10:13:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/13	10:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/13	11:17:00.5	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/13	11:33:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00