

Period: 2026/06/23 10:31:00 - 2026/07/01 10:54:00

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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							
06/24 13:33:00 - 06/24 13:39:54		Fixed (-528.4, 528.4)					Post bakeout Q4							
PROG= 16 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 #1CF0: Synoptic 8 Filter w/ Al-mesh(5/128/723), Al-poly(12/181/1443), Thin-Be(33/512/4096), Thick-Be(65536), Med-Al(512/8192/32768), Med-Be(128/576)

Term	Pointing (x, y)	Comment
06/24 13:43:00 - 06/24 13:49:54	Fixed (0.0, 0.0)	Post bakeout synoptics
06/24 18:03:30 - 06/24 18:10:24	Fixed (0.0, 0.0)	synoptic, shifted 0.5 min
06/25 05:46:30 - 06/25 05:53:24	Fixed (0.0, 0.0)	synoptic, shifted -16.5 min
06/25 17:41:00 - 06/25 17:47:54	Fixed (0.0, 0.0)	synoptic, shifted -22.0 min
06/26 06:02:30 - 06/26 06:09:24	Fixed (0.0, 0.0)	synoptic, shifted -0.5 min
06/26 18:03:00 - 06/26 18:09:54	Fixed (0.0, 0.0)	synoptic
06/27 06:31:30 - 06/27 06:38:24	Fixed (0.0, 0.0)	synoptic, shifted 28.5 min
06/27 18:01:00 - 06/27 18:56:30	Fixed (0.0, 0.0)	synoptic, shifted -2.0 min
06/27 19:34:30 - 06/28 03:40:24	Track (193.1, -265.5) @ 06/27 18:08:00	AR 14473
06/28 05:43:30 - 06/28 05:50:24	Fixed (0.0, 0.0)	synoptic, shifted -19.5 min
06/28 17:38:00 - 06/28 17:44:54	Fixed (0.0, 0.0)	synoptic, shifted -25.0 min
06/29 05:59:30 - 06/29 06:06:24	Fixed (0.0, 0.0)	synoptic, shifted -3.5 min
06/29 18:03:00 - 06/29 18:09:54	Fixed (0.0, 0.0)	synoptic
06/30 06:28:00 - 06/30 06:34:54	Fixed (0.0, 0.0)	synoptic, shifted 25.0 min

PROG= 15 1-time(s)													
└	Subr= 1	1-time(s)	2.0sec										
	Seqn= 5	1-time(s)	2.0sec										
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	0	0	2.0sec
└	Seqn= 26	1-time(s)	2.0sec										
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	5ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	707ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└	Seqn= 15	1-time(s)	2.0sec										
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	12ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└	Seqn= 83	1-time(s)	2.0sec										
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	32ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└	Seqn= 23	1-time(s)	4.0sec										
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└	Subr= 2	1-time(s)	2.0sec										
	Seqn= 65	1-time(s)	2.0sec										
	Open/thick-Be	Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└	Seqn= 17	1-time(s)	2.0sec										
	med-Al/Open	med-Al/thick-Al	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	med-Al/Open	med-Al/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	med-Al/Open	med-Al/Open	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└	Seqn= 33	1-time(s)	2.0sec										
	med-Be/Open	Open/thick-Al	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	med-Be/Open	med-Be/Open	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	med-Be/Open	med-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└	Seqn= 50	1-time(s)	2.0sec										
	Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
				Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp. AEC Buffer Interval

XOB #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
06/24 13:53:00 - 06/24 17:21:30	Track (-473.8, -256.2) @ 06/24 13:50:00	AR 14473
06/24 18:13:30 - 06/25 03:43:24	Track (-439.3, -257.2) @ 06/24 18:10:30	AR 14473
06/25 05:56:30 - 06/25 17:37:54	Track (-342.4, -259.6) @ 06/25 05:53:30	AR 14473
06/25 17:51:00 - 06/26 03:34:00	Track (-239.6, -261.7) @ 06/25 17:48:00	AR 14473
06/26 06:12:30 - 06/26 17:59:54	Track (-129.9, -263.5) @ 06/26 06:09:30	AR 14473
06/26 18:13:00 - 06/27 04:05:00	Track (-21.6, -264.7) @ 06/26 18:10:00	AR 14473
06/27 06:41:30 - 06/27 17:18:00	Track (90.9, -265.4) @ 06/27 06:38:30	AR 14473

PROG= 02 Inf.-time(s)													
└	Subr= 1	1-time(s)	2.0sec										
	Seqn= 92	1-time(s)	2.0sec										
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec

Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
Subr= 2 5-time(s) 2.0sec												
Seqn= 47 1-time(s) 2.0sec												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Seqn= 96 4-time(s) 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 #1C9B: 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
06/25 03:46:30 - 06/25 05:43:24	Fixed (0.0, 0.0)	HOP 349
06/26 04:14:00 - 06/26 05:59:24	Fixed (0.0, 0.0)	HOP 349
06/27 04:45:30 - 06/27 06:28:24	Fixed (0.0, 0.0)	HOP 349
06/28 03:43:30 - 06/28 05:40:24	Fixed (0.0, 0.0)	HOP 349
06/29 03:03:00 - 06/29 05:56:24	Fixed (0.0, 0.0)	HOP 349
06/30 04:42:00 - 06/30 06:24:54	Fixed (0.0, 0.0)	HOP 349

PROG= 08 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	512x512 (1064, 1048)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1064, 1048)	Q=95	0	0	2.0sec
Subr= 2 9-time(s) 360.0sec												
Seqn= 8 1-time(s) 2.0sec												
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Seqn= 6 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
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 #1C92: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 600s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
06/28 05:53:35 - 06/28 17:34:54	Track (294.6, -265.0) @ 06/28 05:50:30	AR 14473

PROG= 12 Inf.-time(s)

Subr= 1 1-time(s) 2.0sec												
Seqn= 30 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 1536)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 1536)	Q=95	0	0	2.0sec
Subr= 2 5-time(s) 720.0sec												
Seqn= 8 1-time(s) 2.0sec												
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Seqn= 6 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1BB5: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 120s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
06/28 17:48:00 - 06/28 22:44:00	Track (-29.0, -912.9) @ 06/28 17:45:00	HOP 485 South

PROG= 07 Inf.-time(s)

Subr= 1 1-time(s) 2.0sec												
Seqn= 30 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 1536)	Q=90	0	0	2.0sec

* * * * *		Flare mode		* * * * *	
XOB #1D35: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Be/thick), AEC 3, 384x384 + context (med-Al,thick-Be -384x384 + Al-					
Term		Pointing (x, y)		Comment	
06/24 13:53:00 - 06/24 17:21:30	Track (	-473.8,	-256.2)	@ 06/24 13:50:00	AR 14473
06/24 18:13:30 - 06/25 03:43:24	Track (	-439.3,	-257.2)	@ 06/24 18:10:30	AR 14473
06/25 03:46:30 - 06/25 05:43:24	Fixed (	0.0,	0.0)		HOP 349
06/25 05:56:30 - 06/25 17:37:54	Track (	-342.4,	-259.6)	@ 06/25 05:53:30	AR 14473
06/25 17:51:00 - 06/26 03:34:00	Track (	-239.6,	-261.7)	@ 06/25 17:48:00	AR 14473
06/26 04:14:00 - 06/26 05:59:24	Fixed (	0.0,	0.0)		HOP 349
06/26 06:12:30 - 06/26 17:59:54	Track (	-129.9,	-263.5)	@ 06/26 06:09:30	AR 14473
06/26 18:13:00 - 06/27 04:05:00	Track (	-21.6,	-264.7)	@ 06/26 18:10:00	AR 14473
06/27 04:45:30 - 06/27 06:28:24	Fixed (	0.0,	0.0)		HOP 349
06/27 06:41:30 - 06/27 17:18:00	Track (	90.9,	-265.4)	@ 06/27 06:38:30	AR 14473
06/28 03:43:30 - 06/28 05:40:24	Fixed (	0.0,	0.0)		HOP 349
06/28 05:53:35 - 06/28 17:34:54	Track (	294.6,	-265.0)	@ 06/28 05:50:30	AR 14473
06/28 17:48:00 - 06/28 22:44:00	Track (	-29.0,	-912.9)	@ 06/28 17:45:00	HOP 485 South
06/29 03:03:00 - 06/29 05:56:24	Fixed (	0.0,	0.0)		HOP 349
06/29 06:09:30 - 06/29 17:59:54	Track (	490.6,	-262.2)	@ 06/29 06:06:30	AR 14473
06/29 18:13:00 - 06/30 04:02:00	Track (	578.2,	-259.9)	@ 06/29 18:10:00	AR 14473
06/30 04:42:00 - 06/30 06:24:54	Fixed (	0.0,	0.0)		HOP 349

PROG= 14 30-time(s)												
Subr= 1		1-time(s)	2.0sec									
Seqn= 68		1-time(s)	2.0sec									
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=95	0	0 2.0sec
Subr= 2		20-time(s)	2.0sec									
Seqn= 11		1-time(s)	2.0sec									
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0 2.0sec
Seqn= 73		1-time(s)	10.0sec									
	thin-Be/Open	med-Be/Open	close	Safe	Norm	125ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0 2.0sec
	med-Be/Open	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0 2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0 2.0sec
Subr= 3		1-time(s)	2.0sec									
Seqn= 10		1-time(s)	2.0sec									
	med-Al/Open	med-Al/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0 2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0 2.0sec
Seqn= 11		1-time(s)	2.0sec									
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0 2.0sec
Seqn= 87		1-time(s)	2.0sec									
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0 2.0sec
	Open/G-band		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

* * * * *

Active Region Search

* * * * *

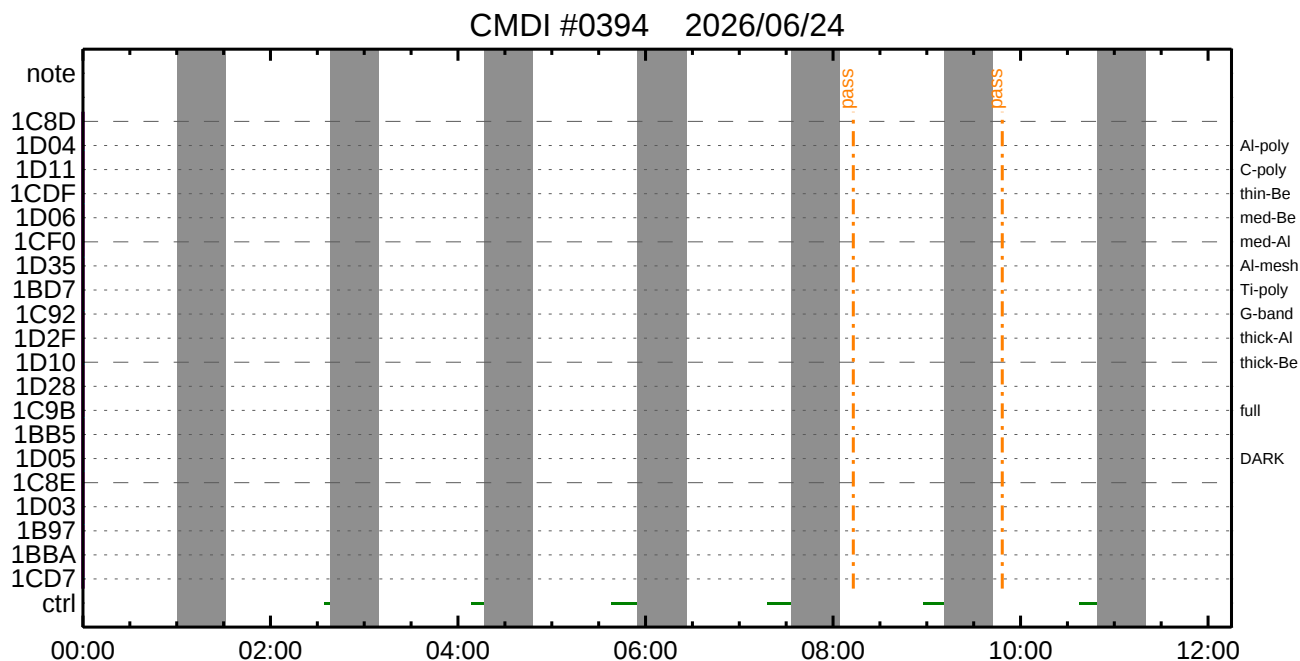
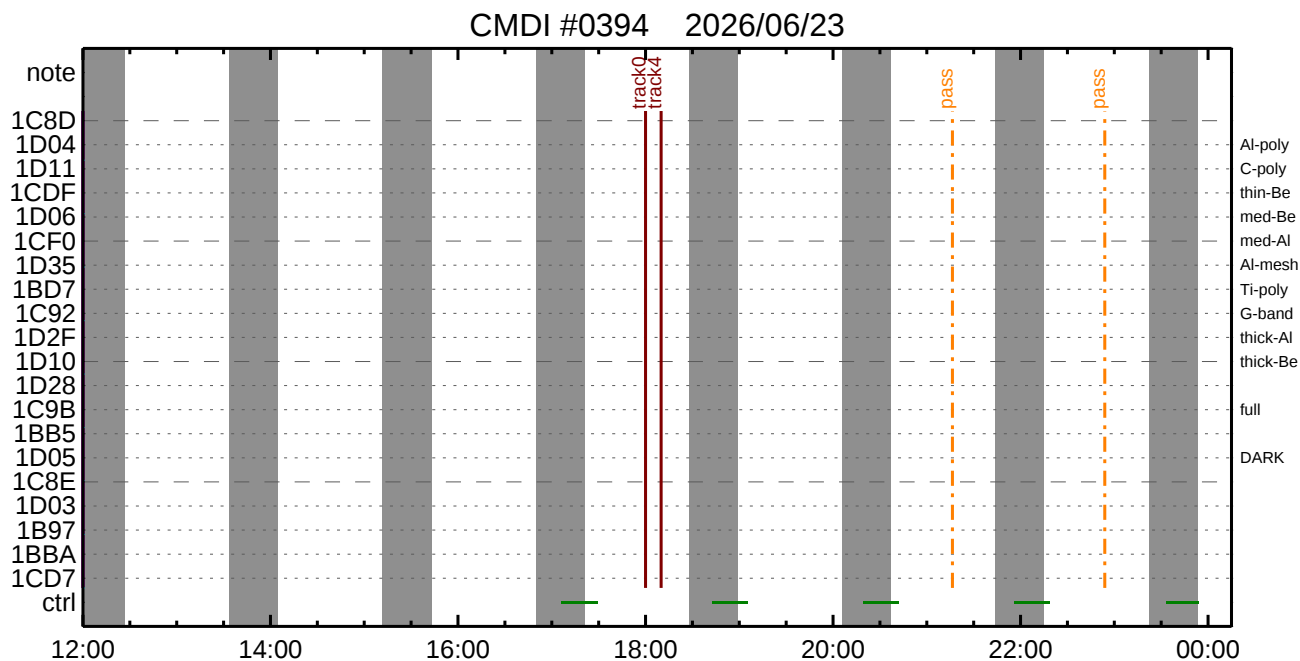
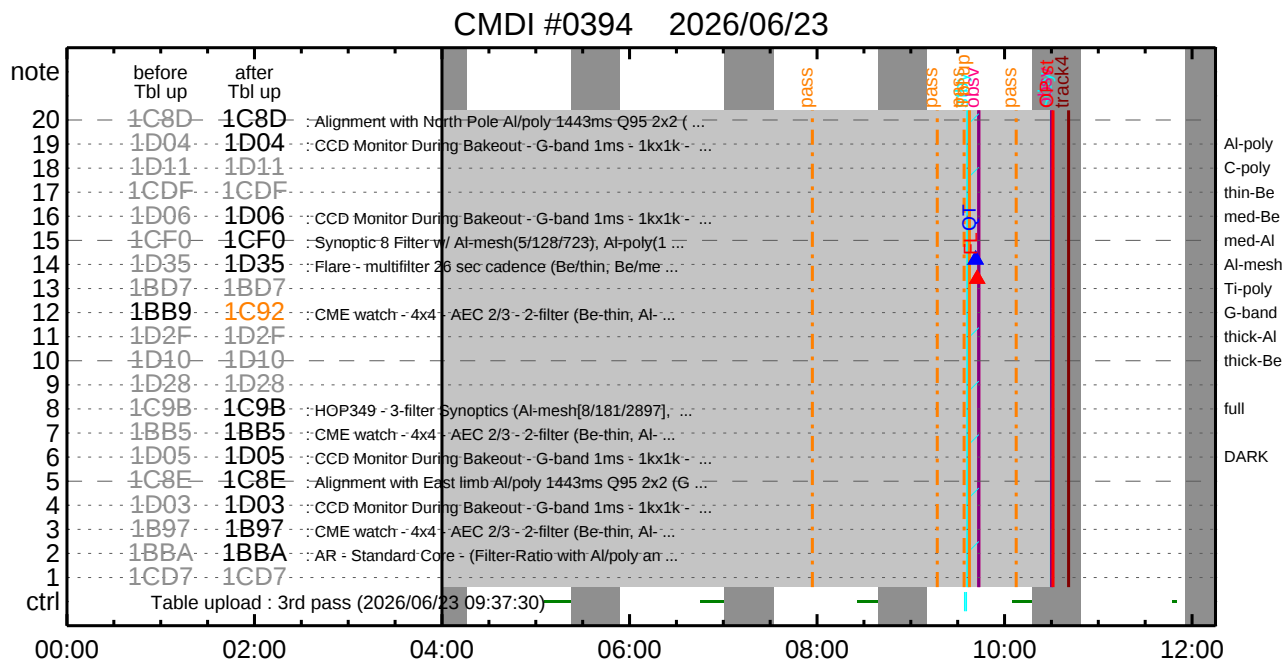
NOT USED

* * * * *

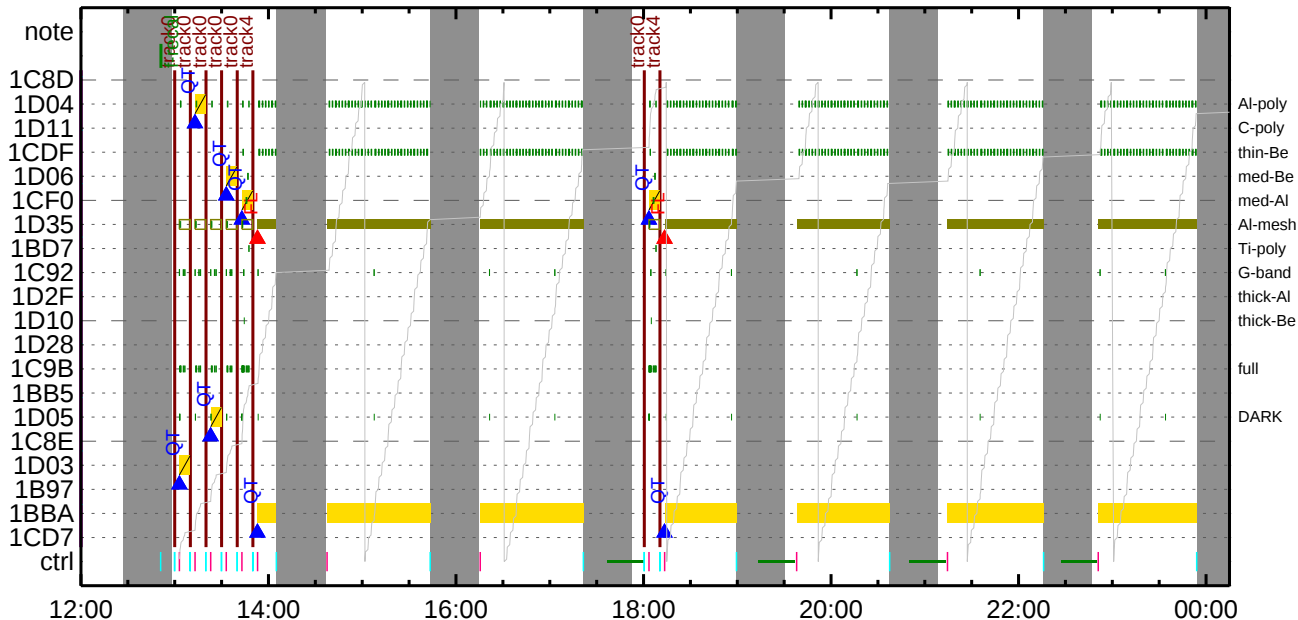
Flare Detection

* * * * *

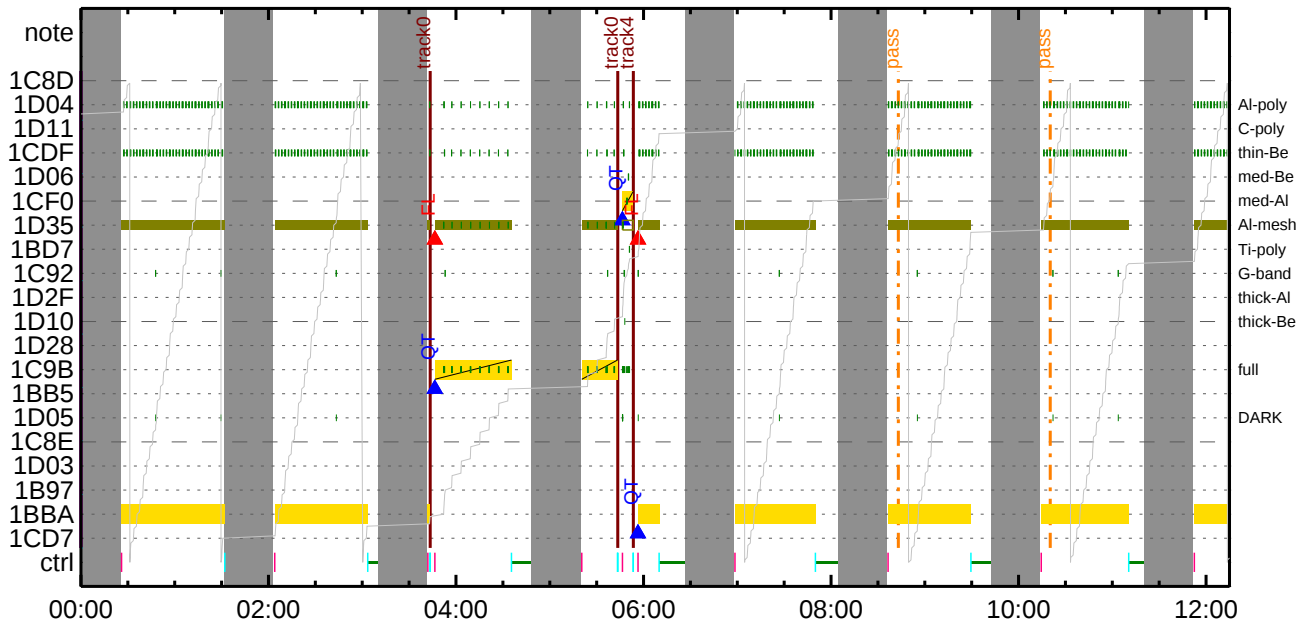
FLD Patrol												
Term		Pointing (x, y)							Comment			
06/23 09:38:30 - 06/24 13:00:22		cannot be identified										
06/24 13:50:18 - 06/24 18:00:48		Track (-473.8, -256.2) @ 06/24 13:50:00							AR 14473			
06/24 18:10:48 - 06/25 05:43:48		Track (-439.3, -257.2) @ 06/24 18:10:30							AR 14473			
06/25 05:53:48 - 06/25 17:38:18		Track (-342.4, -259.6) @ 06/25 05:53:30							AR 14473			
06/25 17:48:18 - 06/26 05:59:48		Track (-239.6, -261.7) @ 06/25 17:48:00							AR 14473			
06/26 06:09:48 - 06/26 18:00:18		Track (-129.9, -263.5) @ 06/26 06:09:30							AR 14473			
06/26 18:10:18 - 06/27 06:28:48		Track (-21.6, -264.7) @ 06/26 18:10:00							AR 14473			
06/27 06:38:48 - 06/27 17:58:18		Track (90.9, -265.4) @ 06/27 06:38:30							AR 14473			
06/28 03:40:48 - 06/28 05:40:48		Fixed (0.0, 0.0)							HOP 349			
06/28 05:50:53 - 06/28 17:35:18		Track (294.6, -265.0) @ 06/28 05:50:30							AR 14473			
06/28 17:45:18 - 06/28 23:00:18		Track (-29.0, -912.9) @ 06/28 17:45:00							HOP 485 South			
06/29 03:00:18 - 06/29 05:56:48		Fixed (0.0, 0.0)							HOP 349			
06/29 06:06:48 - 06/29 18:00:18		Track (490.6, -262.2) @ 06/29 06:06:30							AR 14473			
06/29 18:10:18 - 06/30 06:25:18		Track (578.2, -259.9) @ 06/29 18:10:00							AR 14473			
06/30 06:35:18 - 07/01 10:54:00		Track (659.8, -256.8) @ 06/30 06:35:00							AR 14473			
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



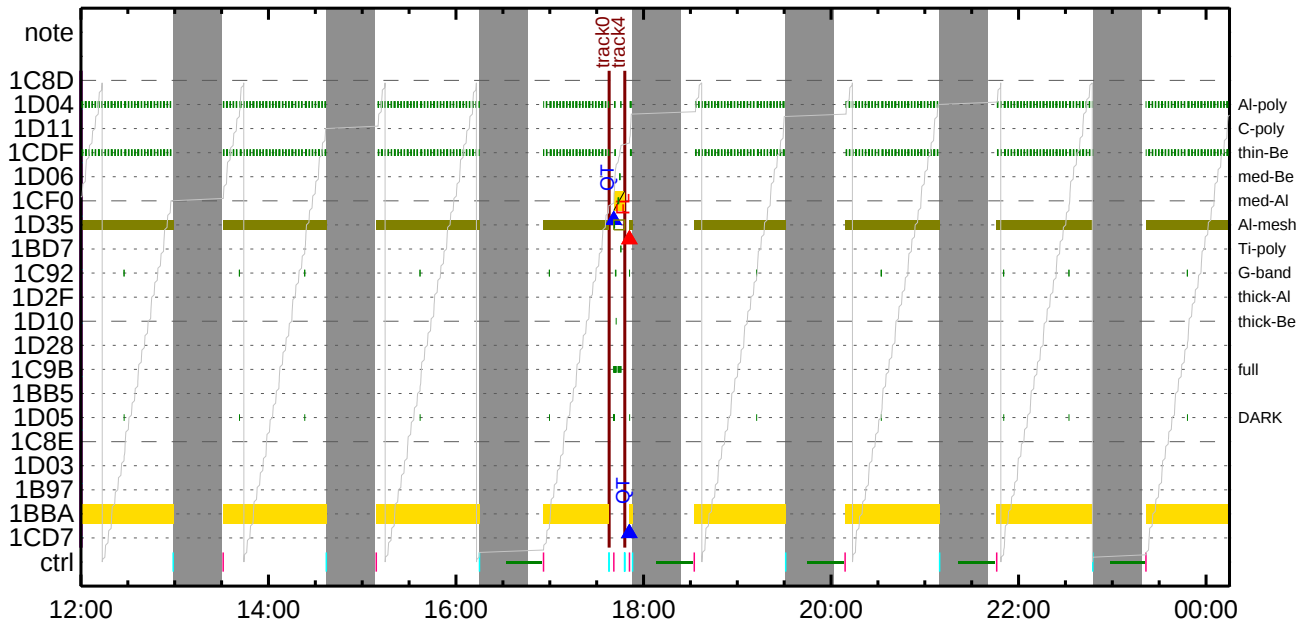
CMDI #0394 2026/06/24



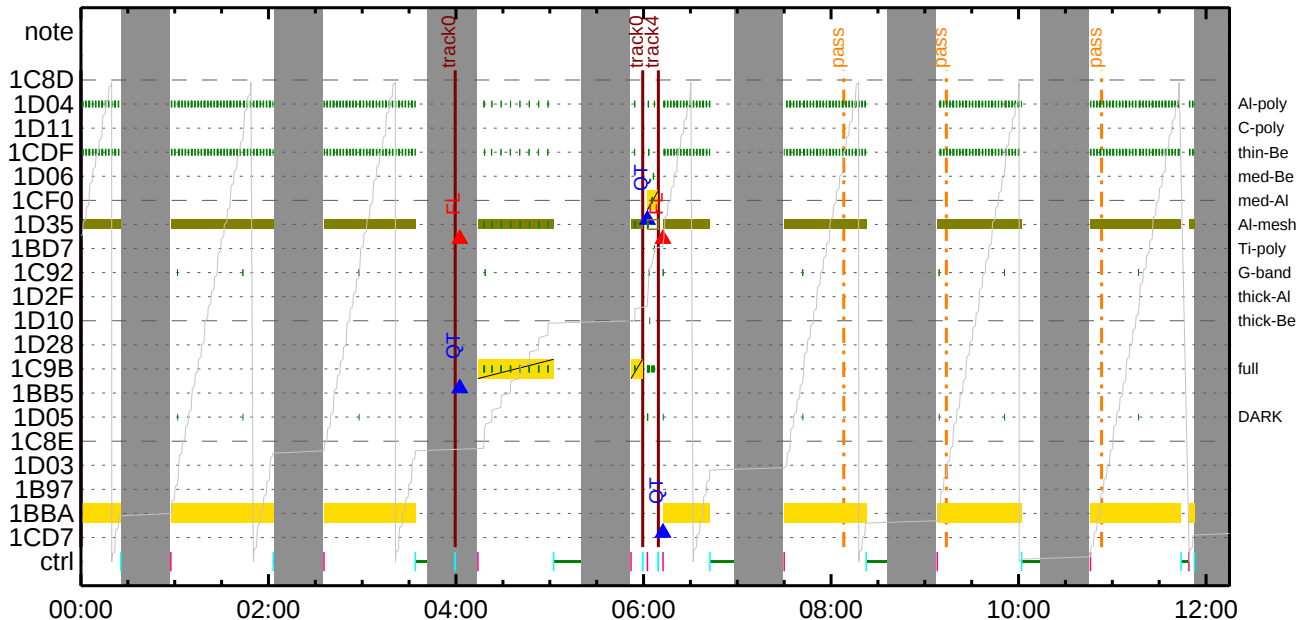
CMDI #0394 2026/06/25



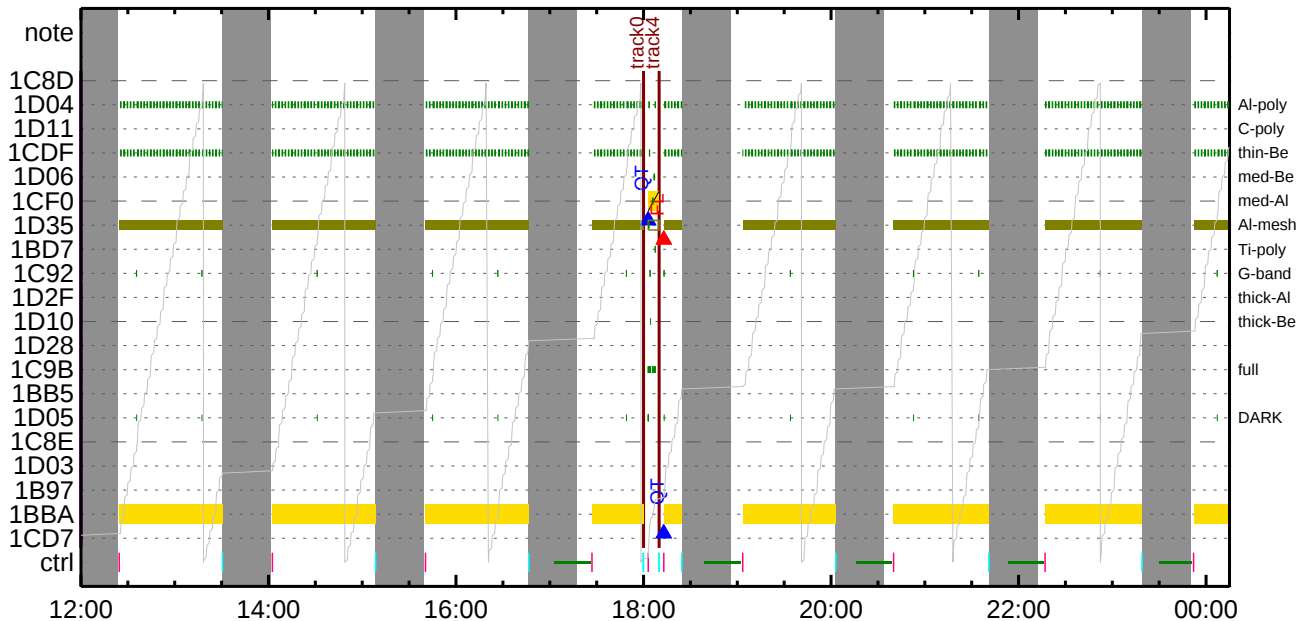
CMDI #0394 2026/06/25



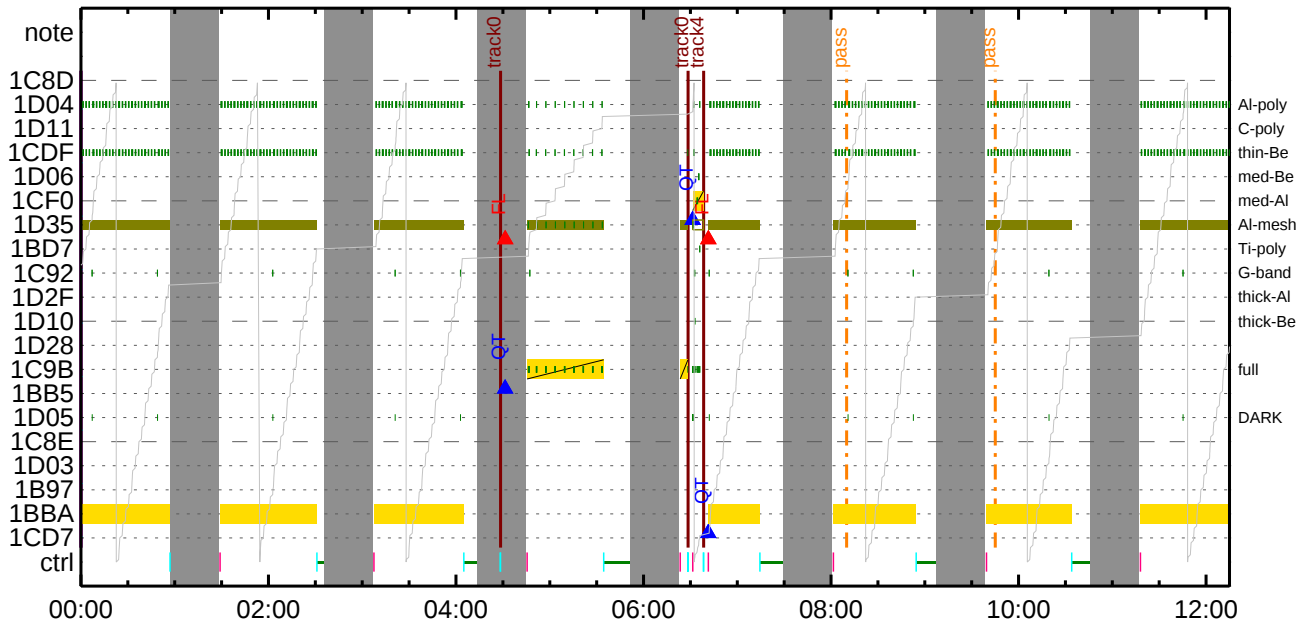
CMDI #0394 2026/06/26



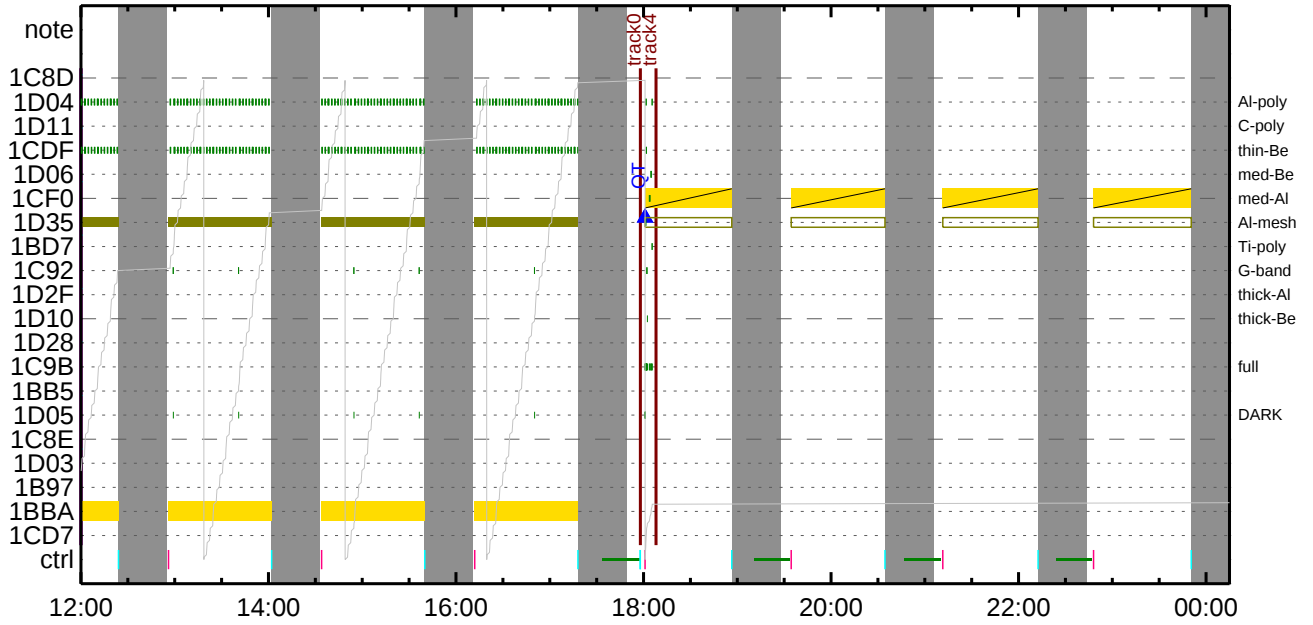
CMDI #0394 2026/06/26



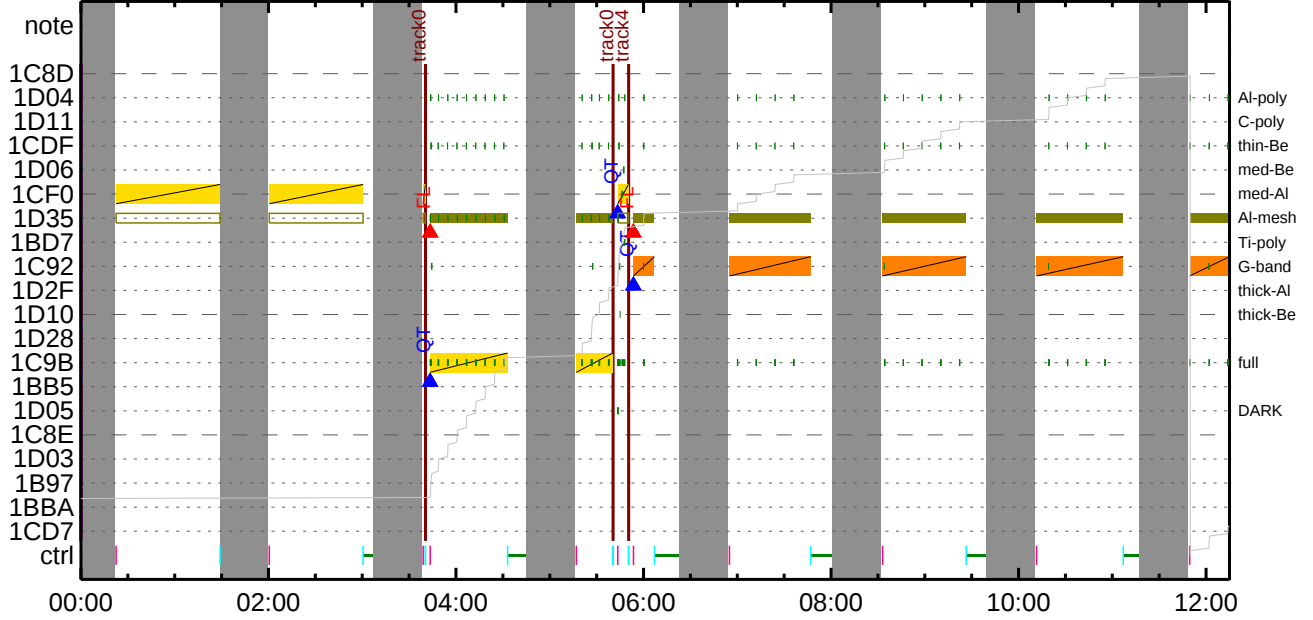
CMDI #0394 2026/06/27



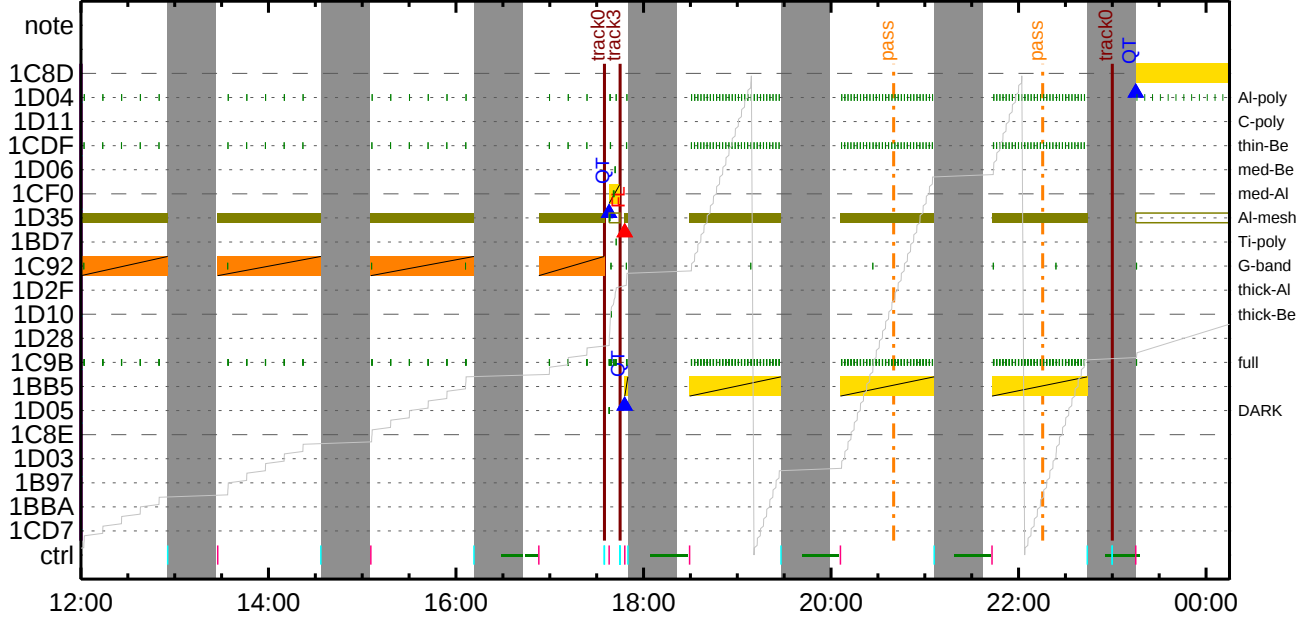
CMDI #0394 2026/06/27



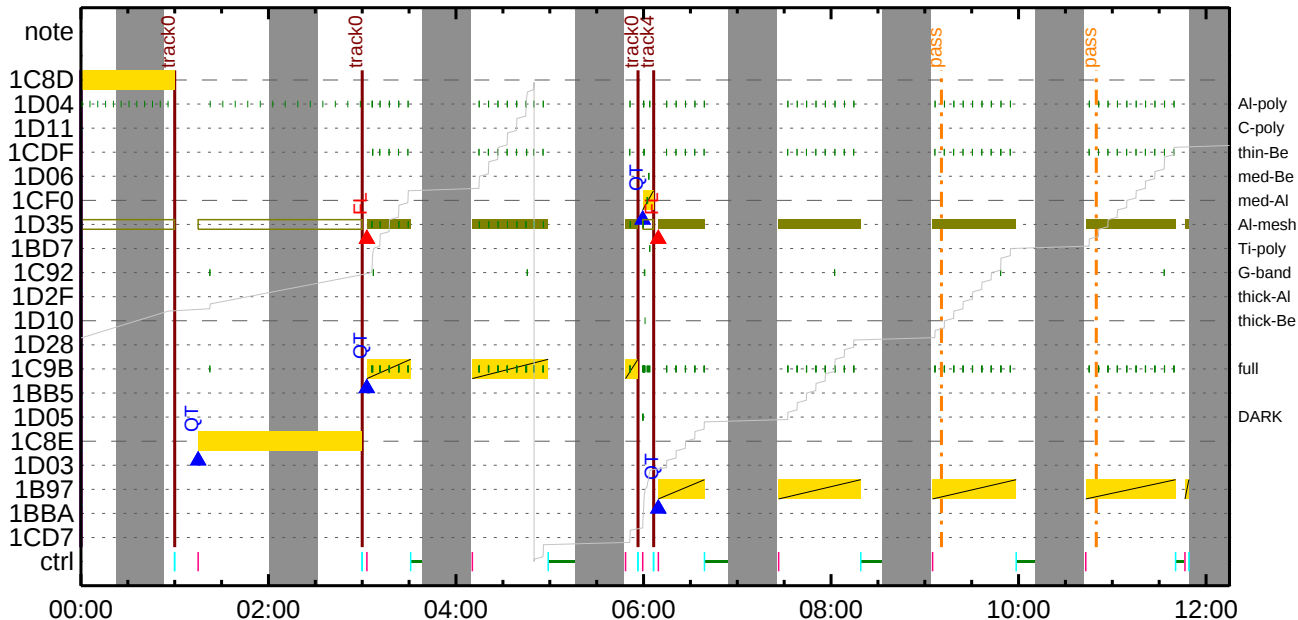
CMDI #0394 2026/06/28



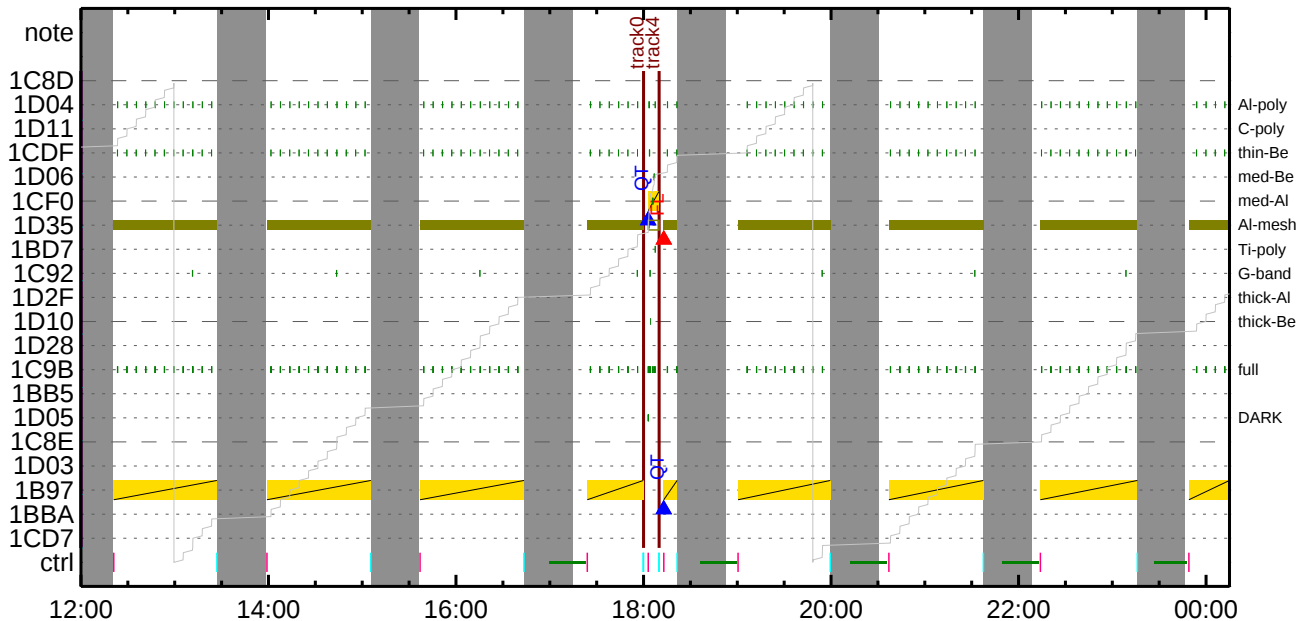
CMDI #0394 2026/06/28



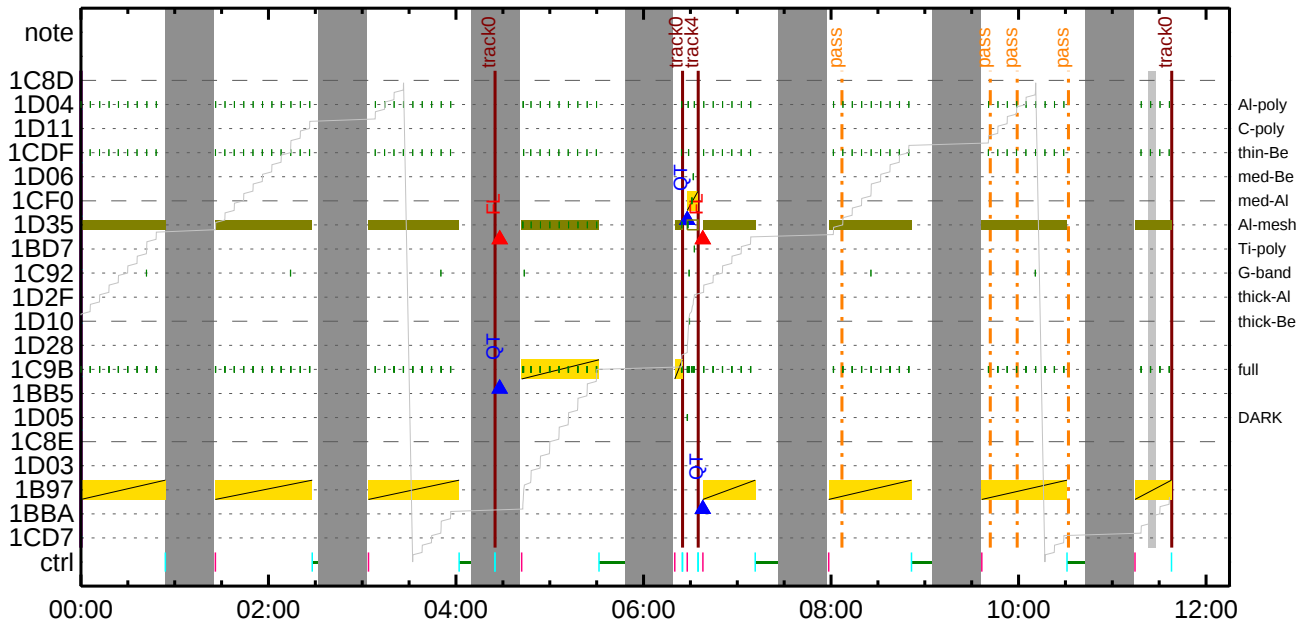
CMDI #0394 2026/06/29



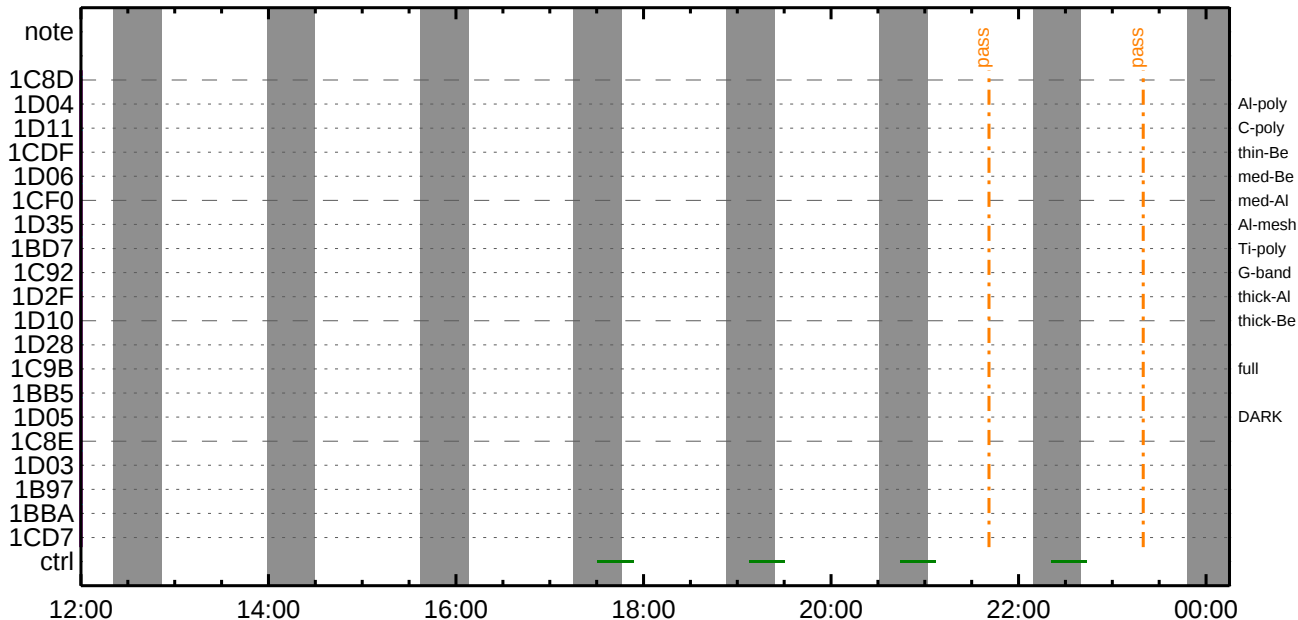
CMDI #0394 2026/06/29



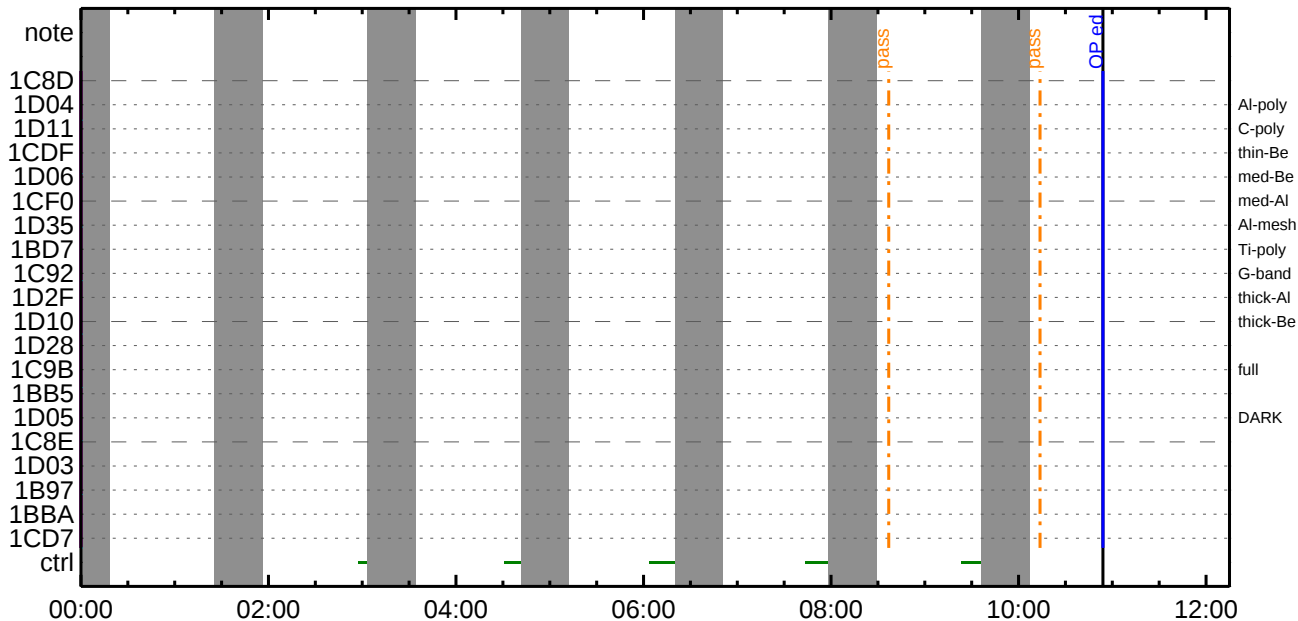
CMDI #0394 2026/06/30



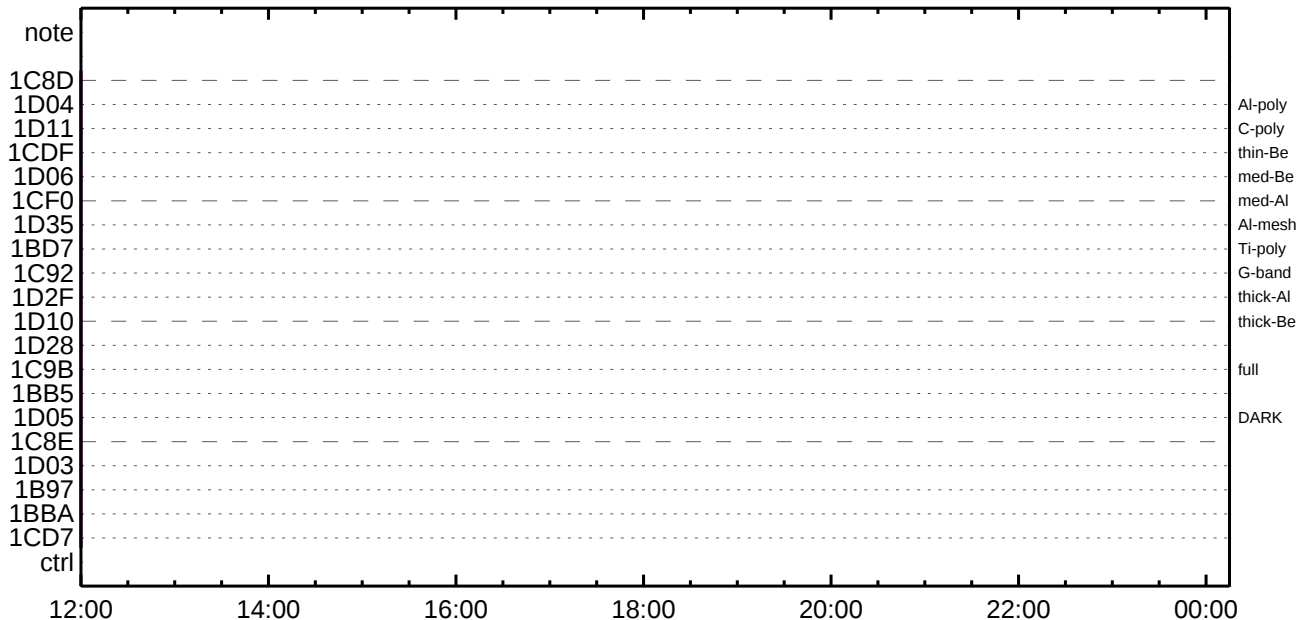
CMDI #0394 2026/06/30



CMDI #0394 2026/07/01



CMDI #0394 2026/07/01



(a) Spacecraft Operation Procedure (real-commands)

```
main-059 2026-06-23 12:27:27 194 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOS¥Á¥$¥Á¥~¼Ä»Ü;ä
0005 C.
0006 C. ¥À¥ß;¼¥³¥Ð¥ó¥ÉÁ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;Ê¼¿¼Ä¼•µ°Æ»Í×ÁÇ¼Í¥Ç¥Á¥×¥í;¼¥É;ÊÊè¼µ•ííÊ;Ê¼Ê¼°Ç®¼•¼¿¼¹Ç¼Í;ÇÀ®,ù¼¹¼è¼µ¼ÇÁ÷¿®¼•¼Ê¼µ¼³¼È;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. OP/OG¥í;¼¥É;¥Á¥ó¥×
0016 C. *****
0017 C.
0018 . C. ;ãOP/OG¥í;¼¥É;ä
0019 . S. OP op-059:OP
0020 ()
0021 . S. OG og-059:OG
0022 ()
0023 C.
0024 . C. ;ãNMOG&OPíî°è¥Á¥ó¥×;ä
0025 C. NMOG(0x200000-0x207FFF;$ 32 kbyte)
0026 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0027 BC (20 00 7f 01 02)
0028 C. 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. ¥À¥ó¥×¼°áî»¼³íÇ$
0041 C. ÇÇ[HK1_DMP_CHK_FLG] EQ NON
0042 . C. RAM ID=NMOG¼í¾Ê¹Ç•è²íOK¼³íÇ$
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. ¥À¥ó¥×¼°áî»¼³íÇ$
0060 C. ÇÇ[HK1_DMP_CHK_FLG] EQ NON
0061 . C. RAM ID=NMOG¼í¾Ê¹Ç•è²íOK¼³íÇ$
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. ¥À¥ó¥×¼°áî»¼³íÇ$
0079 C. ÇÇ[HK1_DMP_CHK_FLG] EQ NON
0080 . C. RAM ID=NMOG, RAM ID=OP¼í¾Ê¹Ç•è²íOK¼³íÇ$
0081 C.
0082 . C. ***** °Ê²¼¼í¾Ä´¼¼°¼ÊÊ¬¼°Á÷¿® (¼å¼µ-¥À¥ó¥×¼°è¼Ç¼¼°Á¼Ä¼Ç¼°¼¼°¼è¼¼¹Ç¼Ç¼Ä) *****
0083 C. DHU¥ä;¼¥É;Ê¼ý½, ¥í;¼¥É;Ê¼òíá¼¹
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 UPLOAD¼¬Á÷¿®NG¼í¾¹¹Ç;Ç°Ê²¼¼íTI-CMDÁ÷¿®¼í¾¹¹Ô¼•¼Ê¼µ¼³¼È;£
```

0096	C.	SET EDUMP I± iYŶY¹C¹Ô±;³E;f		
0097	C.			
0098	C.	TIY³YDYOŶE±ðÄDİ; (UT)		
0099	+	TI 2026-06-23 10:26:00.0		
0100	DC	01-B3 DHU_OP_STOP		
0101	C.	¢¢[HK1_TI_CMD_NUM]	EQ	1COUNTUP
0102	C.			
0103	+	TI 2026-06-23 10:26:01.0		
0104	DC	01-B4 DHU_OP_COPY		
0105	C.	¢¢[HK1_TI_CMD_NUM]	EQ	1COUNTUP
0106	C.			
0107	+	TI 2026-06-23 10:26:01.0		
0108	DC	01-B5 DHU_OPOG_COPY		
0109	C.	¢¢[HK1_TI_CMD_NUM]	EQ	1COUNTUP
0110	C.			
0111	+	TI 2026-06-23 10:30:59.5		
0112	DC	01-B2 DHU_OP_START		
0113	C.	¢¢[HK1_TI_CMD_NUM]	EQ	1COUNTUP
0114	C.			
0115	C.	°Ê²¼±İÄë¼İİŶ±İŶÄŶ\$ŶÄŶ¹¹äiÜ		
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.	TIİİ°èŶÄŶóŶ×		
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.	ŶÄŶóŶ×½¹İ»±ð³İÇ\$		
0142	C.	¢¢[HK1_DMP_CHK_FLG]	EQ	NON
0143	C.			
0144	C.	RAM ID=TI_TBL±İ¼È¹Ç•è²İOK±ð³İÇ\$		
0145	C.			
0146	C.	DHUŶä;¼ŶÈ;È¼Ŷ½,Ŷİ;¼ŶÈ;È±ðİá±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.	Stop EIS observation and temporarily disable EIS mode changes		
0155	C.			
0156	C.			
0157	C.	***** Start EIS operation (TI set) *****		
0158	C.	Execute, after the success of OP upload.		
0159	C.	Set EIS TI-commands		
0160	+	TI 2026-06-23 10:30:30.0		
0161	DC	07-FC EIS_MODE_MANU		
0162	BC	(21 02)		
0163	+	TI 2026-06-23 10:30:40.0		
0164	DC	07-FC EIS_MODE_CHG_DIS		
0165	BC	(22)		
0166	C.	[] [HK1_TI_CMD_NUM]	EQ	2 COUNTUP
0167	C.	***** End EIS operation (TI set) *****		
0168	C.			
0169	C.			
0170	C.			
0171	C.	***** XRT START *****		
0172	C.	Execute, after the success of OP upload.		
0173	+	TI 2026-06-23 10:30:00.0		
0174	DC	07-F0 MDP_XRT_MODE_STBY		
0175	BC	(c3)		
0176	C.	[] [HK1_TI_CMD_NUM]	EQ	1COUNTUP
0177	C.			
0178	C.	***** XRT END *****		
0179	C.			
0180	C.	***** MDP ´ĞÄİ±İ»ö¼Ŷ±ÈÄD±¹±èDCBC•×²è *****		
0181	C.	(¼Ä°İŶÓŶÄŶÈŶDŶÈŶÄŶÇŶè±È½¼±¼Ä»Ü±¹±è)		
0182	S.	DC-BC dcbc-402:DCBC		
0183		(MDP_known_event)		
0184	C.			
0185	C.			
0186	C.	***** ŶDŶ¹•İ Daily±İŶ±È´Ø±¹±èDCBC•×²è *****		
0187	S.	DC-BC dcbc-153:DCBC		
0188		(SPECIAL-CMD_DAILY_OPERATIN_DCB)		
0189	C.			
0190	C.			
0191	C.	;äLOSŶ		


```
main-060 2026-06-23 12:27:27 178 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŲÁŲ$ŲÃŲ~¼Ä»Ü;ä
0005 C.
0006 C. ŲÄŲß;¼Ų³ŲÐŲóŲÉÄ÷ç®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Äí;ËñçðÀñ•µ°E»Í×ÅÇñÎŲçŲÃŲ×Ųí;¼ŲÉ;ËËè²µ•íîÊ;ËÈ¼°ÇÔñ•ñç¼¹¹Çñİ;çÀ®,ùñ¹ñèñÐñÇÄ÷ç®ñ•ñÈñññ³ñÈ;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÄ÷ç®µ;ON
0016 C. *****
0017 C. °EA, Í×ÈÝñäLOSñÐñÇñİ»p´Òòò¹íî,ñ•;çÉÔÍ×ñÈXÄÓONñİ¹ÔñÈñíñÈñññ³ñÈ;£
0018 C.
0019 +. DC 03-B4 TCIA_XPA_ON/HI
0020 M. WAIT_SEC 1
0021 + DC 03-84 TCIA_XMOD_ON
0022 M. WAIT_SEC 1
0023 + DC 03-95 TCIA_XMOD_QPSK
0024 C. çç [HK1_XPA_ON/OFF] EQ ON
0025 C. çç [HK1_XPA_PWR_HI/LO] EQ HI
0026 C. çç [HK1_XMOD_ON/OFF] EQ ON
0027 C. çç [HK1_XMOD_QPSK/PM] EQ QPSK
0028 C.
0029 . C. XŲÐŲóŲÉŲíŲÃŲ~¾ÔÖñ¬°ÄÄèñ•ñççé;ç°Ê²¼ñî°EA,¼ê½Çñò¼Ä¹Ôñ¹ñè;£
0030 C.
0031 . C. *****
0032 C. DR PT1 Äî¼í°EA,
0033 C. *****
0034 C. ° RESTART;ÊPT1;Ëñ•ñçç¼¹¹Çñİ;ç°Ê²¼ñî¼Ä¹Ôñññ°;çDCBC-150ñØçÊñà;£
0035 C.
0036 . C. ;ãPT1°EA,³«»î;ä
0037 +. DC 01-29 DHU_S/X_VC4_OFF
0038 + DC 06-C8 DR_PT1_REP_SEL
0039 BC (01 00)
0040 + DC 06-B3 DR_REP_START
0041 + DC 01-32 DHU_X_VC4_ON
0042 C. çç [HK1_REP_PT_1/2] EQ PT1 (¼Ä¹Ô,;¼Ú)
0043 C. çç [HK1_REP_STA/STP] EQ START (¼Ä¹Ô,;¼Ú)
0044 C. çç [HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ô,;¼Ú)
0045 C.
0046 . C. ;ãŲçŲóŲÉŲËËÄÚÂØ;ÊÄ•Ä°²òÈò;Ë,ãñî°EA,°E³«;ä
0047 +. DC 06-B3 DR_REP_START
0048 + DC 01-32 DHU_X_VC4_ON
0049 C. çç [HK1_REP_PT_1/2] EQ PT1 (¼Ä¹Ô,;¼Ú)
0050 C. çç [HK1_REP_STA/STP] EQ START (¼Ä¹Ô,;¼Ú)
0051 C. çç [HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ô,;¼Ú)
0052 C.
0053 C.
0054 . C. PT1°EA,ñ¬¼«E°Ää»ßñ•ñçç,ä;ç°Ê²¼ñò¼Ä¹Ôñ¹ñè;£
0055 C. ŲçŲóŲËËËÄÚÂØñäÄ•Ä°²òÈòñ¬¼áñç¼¹¹Çñİ´°î»ñ¹ñèñÐñÇÄÔñÄ;£
0056 C.
0057 . C. *****
0058 C. DR PT2 Äî¼í°EA,
0059 C. *****
0060 C. ° RESTART;ÊPT2;Ëñ•ñçç¼¹¹Çñİ;ç°Ê²¼ñî¼Ä¹Ôñññ°;çDCBC-151ñØçÊñà;£
0061 C.
0062 . C. ;ãPT2°EA,³«»î;ä
0063 +. DC 01-29 DHU_S/X_VC4_OFF
0064 + DC 06-C8 DR_PT2_REP_SEL
0065 BC (02 00)
0066 + DC 06-B3 DR_REP_START
0067 + DC 01-32 DHU_X_VC4_ON
0068 C. çç [HK1_REP_PT_1/2] EQ PT2 (¼Ä¹Ô,;¼Ú)
0069 C. çç [HK1_REP_STA/STP] EQ START (¼Ä¹Ô,;¼Ú)
0070 C. çç [HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ô,;¼Ú)
0071 C.
0072 . C. ;ãŲçŲóŲËËËÄÚÂØ;ÊÄ•Ä°²òÈò;Ë,ãñî°EA,°E³«;ä
0073 +. DC 06-B3 DR_REP_START
0074 + DC 01-32 DHU_X_VC4_ON
0075 C. çç [HK1_REP_PT_1/2] EQ PT2 (¼Ä¹Ô,;¼Ú)
0076 C. çç [HK1_REP_STA/STP] EQ START (¼Ä¹Ô,;¼Ú)
0077 C. çç [HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ô,;¼Ú)
0078 C.
0079 . C. *****
0080 C. DR°EA,Ää»ß;çXÄ÷ç®µ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°EA,Ää»ß;ä
0084 +. DC 06-B4 DR_REP_STOP
0085 + DC 01-29 DHU_S/X_VC4_OFF
0086 C. çç [HK1_REP_STA/STP] EQ STOP
0087 C. çç [HK1_S_VC4_ON/OFF] EQ OFF
0088 C. çç [HK1_X_VC4_ON/OFF] EQ OFF
0089 C.
0090 . C. ;ãXÄ÷ç®µ;OFF;ä
0091 +. DC 03-85 TCIA_XMOD_OFF
0092 M. WAIT_SEC 1
0093 + DC 03-B5 TCIA_XPA_OFF
0094 C. çç [HK1_XMOD_ON/OFF] EQ OFF
0095 C. çç [HK1_XPA_ON/OFF] EQ OFF
```

```

0096 C.
0097 C.
0098 . C. ***** AOCS Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ()
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCS Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCSDUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 C.
0129 . C. ***** AOCS Commands (Orbital Element Update) *****
0130 C. Update the orbital element
0131 +. DC 02-50 AOCU_ORB_PRPGT_START
0132 BC (16)
0133 +. DC 02-8E AOCU_ORB_UPD
0134 C.
0135 C. <A_ORB>[ORBIT] EPC = 1522635.4 +- 1.0 (s) [ ]
0136 C.
0137 C.
0138 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0139 +. DC 07-FC EIS_MODE_CHG_ENA
0140 BC (20)
0141 . C. Verify EIS_MODE_CHG_FLG is ENA
0142 +. DC 07-FC EIS_MODE_MANU
0143 BC (21 02)
0144 . C. Verify EIS in MANUAL mode
0145 . C. Estimated OBSTBL upload time is 33s
0146 C. *****
0147 C. EIS START OBSTBL LOAD
0148 C. *****
0149 . S. RAM ram-820:EIS_OBSTBL
0150 ()
0151 +. DC 07-FC EIS_DUMP_OBSTBL
0152 BC (07 07 07 00 00 70 00)
0153 C.
0154 C. Execute, after the success of OBSTBL upload.
0155 C. Set EIS TI-commands
0156 +. TI 2026-06-23 10:30:50.0
0157 DC 07-FC EIS_MODE_CHG_ENA
0158 BC (20)
0159 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0160 C. *****
0161 C. EIS END OBSTBL LOAD
0162 C. *****
0163 C.
0164 . C. ***** MDP 'ûÃîî»ö¼ÝñÊÄñ¹ñëDCBC•×²è *****
0165 C. (¾å°îÝÓÝÄÝËÝÐÝËÝÄÝÇÝËñÊ¼ñ¼Ä»Û¹ñë)
0166 . S. DC-BC dcbc-402:DCBC
0167 (MDP_known_event)
0168 C.
0169 C.
0170 . C. ***** ÝÐÝ¹•Ï Daily±¿ÍÑñÊ'Øñ¹ñëDCBC•×²è *****
0171 . S. DC-BC dcbc-153:DCBC
0172 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0173 C.
0174 C.
0175 . C. ;ãLOSÝÁÝ$ÝÄÝ¹¼Ä»Û;ä
0176 C.
0177 . C. ***** LOS *****
0178 C.

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(a) Spacecraft Operation Procedure (real-commands)

```
main-061 2026-06-23 12:27:27 108 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;Ë»¿»Ä»•µ°»»Í×ÄÇ»ÍŸÇŸÄŸ×Ÿí;¼ŸÉ;ËËè½µ•ííË;Ë»Ë¼°ÇÖ»•»¿¼¹Ç»Í;ÇÄ®,ù»¹»è»D»ÇÄ÷¿®»•»Ë»»»³»Ë;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 +. DC 07-F0 MDP_XRT_CTRL_MANU
0020 BC (c1)
0021 +. DC 07-F0 MDP_XRT_MODE_STBY
0022 BC (c3)
0023 . C. ----- Success Verify ? OK / NG____
0024 C.
0025 C. XRT Obs. Table Upload
0026 . S. RAM ram-291:MDP_OBS_X
0027 ()
0028 C.
0029 +. DC 07-F0 MDP_DUMP_XRTTBL
0030 BC (84 07 00 00 00 3a d4)
0031 . C. ----- Comparison Check ? OK / ERR ____
0032 C.
0033 C.
0034 +. DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 01 b1 b1 04 04)
0036 +. DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 02 b1 b1 08 08)
0038 +. DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 03 b1 b1 08 08)
0040 +. DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 04 b1 b1 06 06)
0042 +. DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 05 85 83 06 06)
0044 +. DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 06 80 80 20 20)
0046 +. DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 07 80 80 20 08)
0048 +. DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 08 80 80 08 20)
0050 +. DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 09 c0 c0 10 10)
0052 +. DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0a 40 c0 10 10)
0054 +. DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0b 40 40 10 10)
0056 +. DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 0c c0 40 10 10)
0058 +. DC 07-F0 MDP_XRT_ROI_SET
0059 BC (cd 0d 85 83 06 06)
0060 +. DC 07-F0 MDP_XRT_ROI_SET
0061 BC (cd 0e 85 83 08 08)
0062 +. DC 07-F0 MDP_XRT_ROI_SET
0063 BC (cd 0f 80 80 06 06)
0064 +. DC 07-F0 MDP_XRT_ROI_SET
0065 BC (cd 10 80 80 08 08)
0066 +. DC 07-F0 MDP_XRT_FLD_ENA
0067 BC (d8)
0068 +. DC 07-F0 MDP_XRT_FLRCTRL_ENA
0069 BC (c8)
0070 +. DC 07-F0 MDP_XRT_ARS_DIS
0071 BC (d5)
0072 +. DC 07-F0 MDP_XRT_AEC_RESET
0073 BC (d0)
0074 +. DC 07-F0 MDP_XRT_FLD_RESET
0075 BC (da)
0076 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0077 BC (c4 0f)
0078 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0079 BC (c5 0e)
0080 . C. ----- Success Verify ? OK / NG ____
0081 C.
0082 C.
0083 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0084 C.
0085 +. DC 07-F0 MDP_XRT_MODE_OBSV
0086 BC (c2)
0087 +. TI 2026-06-23 10:30:02.0
0088 DC 07-F0 MDP_XRT_MODE_OBSV
0089 BC (c2)
0090 . C. ----- Success Verify ? OK / NG ____
0091 C.
0092 C. ***** XRT END *****
0093 C.
0094 . C. ***** MDP 'üÄîîî»ö¼Ý»ËÄD»¹»ËDCBC•×²è *****
0095 C. (¾ä°íŸÓŸÄŸËŸDŸËŸÄŸÇŸËË½¼»¼Ä»Ü»¹»Ë)
```

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

```
main-062 2026-06-23 12:27:27 29 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŸÁŸ$ŸÃŸ~¼Ä»Ü;ä
0005 C.
0006 C. ŸÄŸß;¼Ÿ³ŸÐŸóŸĒÄ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Äí;Ë¤¿¤Ä¤•µ°E»Í×ÁÇ¤İŸ¢ŸÄŸ×Ÿı;¼ŸĒ;ĒĒè½µ•īĒ;Ē¤Ē°ÇÖ¤•¤¿¾ı¹Ç¤İ;¢À®,ù¤ı¤ē¤Đ¤ÇÄ÷¿®¤•¤Ē¤¤¤³¤Ē;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 . C. ***** MDP ´ûÄİ¤İ»ö¾ŸĒÄĐ¤ı¤ēDCBC•×²è *****
0016 C. (¾ä°İŸÓŸÄŸĒŸÐŸĒŸäŸ¢Ÿē¤Ē¾¤¤¼Ä»Ü¤ı¤ē)
0017 . S. DC-BC dcbc-402:DCBC
0018 (MDP_known_event)
0019 C.
0020 C.
0021 . C. ***** ŸÐŸ¹•İ Daily±¿İÑ¤Ē´Ø¤ı¤ēDCBC•×²è *****
0022 . S. DC-BC dcbc-153:DCBC
0023 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0024 C.
0025 C.
0026 . C. ;ãLOSŸÁŸ$ŸÃŸ~¼Ä»Ü;ä
0027 C.
0028 . C. ***** LOS *****
0029 C.
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*** OP Sequence for XRT ***

2026/06/23	10:41:00.0	AOCS_ORe-point_Start_1_OG [0x097]		
		AOCU_NM	5	02-76 04 06 97 01 81
2026/06/23	18:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]		
		AOCU_NM	5	02-76 00 00 00 00 00
2026/06/23	18:10:00.0	AOCS_ORe-point_Start_1_OG [0x097]		
		AOCU_NM	5	02-76 04 06 97 01 81
2026/06/24	06:46:00.0	XRT_TCIB_XRT_S_HTR_A_DIS_433_OG [0x1b1]		
		TCIB_XRT_S_HTR_A_DIS	0	04-C0
2026/06/24	12:51:00.0	XRT_CTRL_MANU_417_OG [0x1a1]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2026/06/24	12:51:10.0	XRT_FOCUS_RECALIBRATE_407_OG [0x197]		
		XRT_FOCUS_RECAL	2	07-F8 78 00
2026/06/24	12:55:10.0	XRT_FOCUS_POSITION_414_OG [0x19e]		
		XRT_FOCUS_POSITION	4	07-F8 22 fe 97 00
2026/06/24	12:59:54.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2026/06/24	12:59:56.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2026/06/24	12:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]		
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2026/06/24	13:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]		
		AOCU_NM	5	02-76 00 2e f9 2e f9
2026/06/24	13:00:18.0	XRT_ARS_DIS_432_OG [0x1b0]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2026/06/24	13:00:20.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]		
		MDP_XRT_FLRCTRL_DIS	1	07-F0 c9
2026/06/24	13:00:22.0	XRT_FLD_DIS_425_OG [0x1a9]		
		MDP_XRT_FLD_DIS	1	07-F0 d9
2026/06/24	13:02:58.0	XRT_QT_PROG_SET_435_OG [0x1b3]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 04
2026/06/24	13:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2026/06/24	13:09:54.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2026/06/24	13:09:56.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2026/06/24	13:09:58.0	XRT_FOCUS_POSITION_426_OG [0x1aa]		
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2026/06/24	13:10:00.0	AOCS_ORe-point_Start_4_OG [0x09a]		
		AOCU_NM	5	02-76 00 2e f9 d1 07
2026/06/24	13:12:52.0	XRT_ARS_DIS_432_OG [0x1b0]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2026/06/24	13:12:54.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]		
		MDP_XRT_FLRCTRL_DIS	1	07-F0 c9
2026/06/24	13:12:56.0	XRT_FLD_DIS_443_OG [0x1bb]		
		MDP_XRT_FLD_DIS	1	07-F0 d9
2026/06/24	13:12:58.0	XRT_QT_PROG_SET_429_OG [0x1ad]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 13
2026/06/24	13:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2026/06/24	13:19:54.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2026/06/24	13:19:56.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2026/06/24	13:19:58.0	XRT_FOCUS_POSITION_426_OG [0x1aa]		
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2026/06/24	13:20:00.0	AOCS_ORe-point_Start_5_OG [0x09b]		
		AOCU_NM	5	02-76 00 d1 07 d1 07
2026/06/24	13:22:52.0	XRT_ARS_DIS_432_OG [0x1b0]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2026/06/24	13:22:54.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]		
		MDP_XRT_FLRCTRL_DIS	1	07-F0 c9
2026/06/24	13:22:56.0	XRT_FLD_DIS_443_OG [0x1bb]		
		MDP_XRT_FLD_DIS	1	07-F0 d9
2026/06/24	13:22:58.0	XRT_QT_PROG_SET_403_OG [0x193]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 06
2026/06/24	13:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2026/06/24	13:29:54.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2026/06/24	13:29:56.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2026/06/24	13:29:58.0	XRT_FOCUS_POSITION_426_OG [0x1aa]		
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2026/06/24	13:30:00.0	AOCS_ORe-point_Start_6_OG [0x09c]		
		AOCU_NM	5	02-76 00 d1 07 2e f9
2026/06/24	13:32:52.0	XRT_ARS_DIS_432_OG [0x1b0]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2026/06/24	13:32:54.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]		
		MDP_XRT_FLRCTRL_DIS	1	07-F0 c9
2026/06/24	13:32:56.0	XRT_FLD_DIS_443_OG [0x1bb]		
		MDP_XRT_FLD_DIS	1	07-F0 d9
2026/06/24	13:32:58.0	XRT_QT_PROG_SET_442_OG [0x1ba]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 10
2026/06/24	13:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2026/06/24	13:39:54.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2026/06/24	13:39:56.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2026/06/24	13:39:58.0	XRT_FOCUS_POSITION_406_OG [0x196]		

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2026/06/24	13:40:00.0	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
2026/06/24	13:40:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2026/06/24	13:40:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2026/06/24	13:40:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2026/06/24	13:42:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f		
2026/06/24	13:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/06/24	13:49:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/06/24	13:49:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/06/24	13:49:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2026/06/24	13:50:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04	06	97	01
2026/06/24	13:50:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2026/06/24	13:50:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2026/06/24	13:50:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2026/06/24	13:50:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2026/06/24	13:50:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/06/24	13:52:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02		
2026/06/24	13:52:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e		
2026/06/24	13:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/06/24	14:05:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/06/24	14:05:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/06/24	14:05:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2026/06/24	14:08:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/06/24	14:36:30.0	XRT_Custom_430_OG [0x1ae]							
2026/06/24	14:37:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/06/24	15:43:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/06/24	15:43:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/06/24	15:43:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2026/06/24	15:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/06/24	16:14:30.0	XRT_Custom_430_OG [0x1ae]							
2026/06/24	16:15:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/06/24	17:21:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/06/24	17:21:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/06/24	17:21:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2026/06/24	17:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/06/24	18:00:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/06/24	18:00:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/06/24	18:00:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2026/06/24	18:00:30.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	00	00	00
2026/06/24	18:00:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2026/06/24	18:00:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2026/06/24	18:00:52.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2026/06/24	18:03:28.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f		
2026/06/24	18:03:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/06/24	18:10:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/06/24	18:10:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/06/24	18:10:28.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2026/06/24	18:10:30.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04	06	97	01

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2026/06/24	18:10:48.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2026/06/24	18:10:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/06/24	18:10:52.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2026/06/24	18:10:54.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2026/06/24	18:10:56.0	XRT_FLD_RESET_401_OG [0x191]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/24	18:13:26.0	XRT_QT_PROG_SET_444_OG [0x1bc]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2026/06/24	18:13:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/06/24	18:13:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/24	18:59:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/24	18:59:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/24	18:59:34.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/24	19:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/24	19:37:00.0	XRT_Custom_430_OG [0x1ae]			
2026/06/24	19:38:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/24	20:37:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/24	20:37:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/24	20:37:34.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/24	20:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/24	21:13:30.5	XRT_Custom_430_OG [0x1ae]			
2026/06/24	21:14:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/24	22:16:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/24	22:16:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/24	22:16:04.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/24	22:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/24	22:50:00.0	XRT_Custom_430_OG [0x1ae]			
2026/06/24	22:51:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/24	23:54:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/24	23:54:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/24	23:54:04.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/24	23:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/25	00:25:00.0	XRT_Custom_430_OG [0x1ae]			
2026/06/25	00:26:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/25	01:32:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/25	01:32:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/25	01:32:04.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/25	01:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/25	02:03:00.0	XRT_Custom_430_OG [0x1ae]			
2026/06/25	02:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/25	03:03:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/25	03:03:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/25	03:03:34.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/25	03:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/25	03:41:00.0	XRT_Custom_430_OG [0x1ae]			
2026/06/25	03:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/25	03:43:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/25	03:43:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/25	03:43:28.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/06/25	03:43:30.0	AOCs_Ore-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2026/06/25	03:43:48.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2026/06/25	03:43:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			

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2026/06/25	03:43:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
			MDP_XRT_AEC_RESET	1	07-F0	d0
2026/06/25	03:43:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/06/25	03:43:56.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/25	03:46:26.0	XRT_QT_PROG_SET_405_OG [0x195]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2026/06/25	03:46:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/06/25	03:46:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/25	04:35:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/25	04:35:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/25	04:35:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/25	04:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/25	05:19:30.0	XRT_Custom_430_OG [0x1ae]				
2026/06/25	05:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/25	05:43:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/25	05:43:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/25	05:43:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/06/25	05:43:30.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00
2026/06/25	05:43:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2026/06/25	05:43:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2026/06/25	05:43:52.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/06/25	05:46:28.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2026/06/25	05:46:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/25	05:53:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/25	05:53:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/25	05:53:28.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2026/06/25	05:53:30.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04 06 97 01 81
2026/06/25	05:53:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2026/06/25	05:53:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/06/25	05:53:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2026/06/25	05:53:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/06/25	05:53:56.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/25	05:56:26.0	XRT_QT_PROG_SET_444_OG [0x1bc]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2026/06/25	05:56:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/06/25	05:56:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/25	06:10:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/25	06:10:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/25	06:10:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/25	06:13:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/25	06:57:30.0	XRT_Custom_430_OG [0x1ae]				
2026/06/25	06:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/25	07:50:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/25	07:50:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/25	07:50:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/25	07:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/25	08:35:30.0	XRT_Custom_430_OG [0x1ae]				
2026/06/25	08:36:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/25	09:29:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/25	09:29:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/25	09:29:34.0	XRT_PREFLR_STRT_410_OG [0x19a]				

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2026/06/25	09:32:44.0	MDP_XRT_PREFLR_STRT	1	07-F0	e8
		XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/25	10:13:30.0	XRT_Custom_430_OG [0x1ae]			
2026/06/25	10:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/25	11:10:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/25	11:10:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/25	11:10:34.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/25	11:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/25	11:51:30.0	XRT_Custom_430_OG [0x1ae]			
2026/06/25	11:52:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/25	12:59:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/25	12:59:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/25	12:59:04.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/25	13:02:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/25	13:30:00.0	XRT_Custom_430_OG [0x1ae]			
2026/06/25	13:31:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/25	14:37:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/25	14:37:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/25	14:37:04.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/25	14:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/25	15:08:00.0	XRT_Custom_430_OG [0x1ae]			
2026/06/25	15:09:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/25	16:15:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/25	16:15:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/25	16:15:04.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/25	16:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/25	16:55:00.0	XRT_Custom_430_OG [0x1ae]			
2026/06/25	16:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/25	17:37:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/25	17:37:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/25	17:37:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/06/25	17:38:00.0	AOCs_Ore-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2026/06/25	17:38:18.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2026/06/25	17:38:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2026/06/25	17:38:22.0	XRT_ARS_DIS_420_OG [0x1a4]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2026/06/25	17:40:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2026/06/25	17:41:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/25	17:47:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/25	17:47:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/25	17:47:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2026/06/25	17:48:00.0	AOCs_Ore-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	04 06 97 01 81
2026/06/25	17:48:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2026/06/25	17:48:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/06/25	17:48:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2026/06/25	17:48:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2026/06/25	17:48:26.0	XRT_FLD_RESET_401_OG [0x191]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/25	17:50:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2026/06/25	17:50:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/06/25	17:51:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/25	17:53:00.0	XRT_CTRL_MANU_400_OG [0x190]			

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2026/06/25	17:53:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/25	17:53:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/25	17:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/25	18:31:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/25	18:32:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/25	19:31:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/25	19:31:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/25	19:31:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/25	19:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/25	20:08:01.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/25	20:09:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/25	21:09:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/25	21:09:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/25	21:09:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/25	21:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/25	21:45:00.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/25	21:46:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/25	22:47:30.5	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/25	22:47:32.5	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/25	22:47:34.5	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/25	22:50:44.5	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/25	23:20:30.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/25	23:21:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/26	00:25:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/26	00:25:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/26	00:25:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/26	00:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/26	00:56:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/26	00:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/26	02:03:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/26	02:03:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/26	02:03:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/26	02:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/26	02:34:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/26	02:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/26	03:34:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/26	03:34:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/26	03:34:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/26	03:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/26	03:59:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/26	03:59:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/26	03:59:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/06/26	03:59:30.0	AOCs_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00
2026/06/26	03:59:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2026/06/26	03:59:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/06/26	03:59:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2026/06/26	03:59:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/06/26	03:59:56.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/26	04:02:26.0	XRT_QT_PROG_SET_405_OG [0x195]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08

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2026/06/26	04:02:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e			
2026/06/26	04:13:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/26	04:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/26	05:02:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/26	05:02:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/26	05:02:34.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/26	05:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/26	05:51:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/26	05:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/26	05:59:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/26	05:59:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/26	05:59:28.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2026/06/26	05:59:30.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00
2026/06/26	05:59:48.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2026/06/26	05:59:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2026/06/26	05:59:52.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/06/26	06:02:28.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f			
2026/06/26	06:02:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/26	06:09:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/26	06:09:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/26	06:09:28.0	XRT_FOCUS_POSITION_414_OG [0x19e]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2026/06/26	06:09:30.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04	06	97	01	81
2026/06/26	06:09:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/06/26	06:09:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/06/26	06:09:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/06/26	06:09:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/06/26	06:09:56.0	XRT_FLD_RESET_401_OG [0x191]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/26	06:12:26.0	XRT_QT_PROG_SET_444_OG [0x1bc]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	02			
2026/06/26	06:12:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e			
2026/06/26	06:12:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/26	06:42:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/26	06:42:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/26	06:42:34.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/26	06:45:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/26	07:29:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/26	07:30:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/26	08:22:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/26	08:22:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/26	08:22:34.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/26	08:25:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/26	09:07:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/26	09:08:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/26	10:02:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/26	10:02:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/26	10:02:04.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/26	10:05:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/26	10:45:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/26	10:46:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/26	11:44:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				

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2026/06/26	11:44:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2026/06/26	11:44:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2026/06/26	11:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2026/06/26	11:48:00.0	XRT_Custom_430_OG [0x1ae]			
2026/06/26	11:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2026/06/26	11:52:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2026/06/26	11:52:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2026/06/26	11:52:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2026/06/26	11:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2026/06/26	12:23:30.0	XRT_Custom_430_OG [0x1ae]			
2026/06/26	12:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2026/06/26	13:30:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2026/06/26	13:30:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2026/06/26	13:30:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2026/06/26	13:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2026/06/26	14:01:30.0	XRT_Custom_430_OG [0x1ae]			
2026/06/26	14:02:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2026/06/26	15:08:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2026/06/26	15:08:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2026/06/26	15:08:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2026/06/26	15:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2026/06/26	15:39:30.0	XRT_Custom_430_OG [0x1ae]			
2026/06/26	15:40:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2026/06/26	16:46:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2026/06/26	16:46:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2026/06/26	16:46:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2026/06/26	16:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2026/06/26	17:26:00.0	XRT_Custom_430_OG [0x1ae]			
2026/06/26	17:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2026/06/26	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2026/06/26	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2026/06/26	17:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	4	07-F8	22 ff aa 00
		XRT_FOCUS_POSITION			
2026/06/26	18:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]	5	02-76	00 00 00 00 00
		AOCU_NM			
2026/06/26	18:00:18.0	XRT_FLD_DIS_409_OG [0x199]	1	07-F0	d9
		MDP_XRT_FLD_DIS			
2026/06/26	18:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	1	07-F0	c9
		MDP_XRT_FLRCTRL_DIS			
2026/06/26	18:00:22.0	XRT_ARS_DIS_420_OG [0x1a4]	1	07-F0	d5
		MDP_XRT_ARS_DIS			
2026/06/26	18:02:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	2	07-F0	c4 0f
		MDP_XRT_QT_PROG_SET			
2026/06/26	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2026/06/26	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2026/06/26	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2026/06/26	18:09:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]	4	07-F8	22 fe 97 00
		XRT_FOCUS_POSITION			
2026/06/26	18:10:00.0	AOCS_Ore-point_Start_1_OG [0x097]	5	02-76	04 06 97 01 81
		AOCU_NM			
2026/06/26	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	1	07-F0	d8
		MDP_XRT_FLD_ENA			
2026/06/26	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	1	07-F0	c8
		MDP_XRT_FLRCTRL_ENA			
2026/06/26	18:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	1	07-F0	d0
		MDP_XRT_AEC_RESET			
2026/06/26	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	1	07-F0	d5
		MDP_XRT_ARS_DIS			
2026/06/26	18:10:26.0	XRT_FLD_RESET_401_OG [0x191]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2026/06/26	18:12:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]	2	07-F0	c4 02
		MDP_XRT_QT_PROG_SET			
2026/06/26	18:12:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	2	07-F0	c5 0e
		MDP_XRT_FL_PROG_SET			

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2026/06/26	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/26	18:24:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/26	18:24:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/26	18:24:34.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/26	18:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/26	19:02:30.0	XRT_Custom_430_OG [0x1ae]			
2026/06/26	19:03:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/26	20:03:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/26	20:03:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/26	20:03:04.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/26	20:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/26	20:39:00.0	XRT_Custom_430_OG [0x1ae]			
2026/06/26	20:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/26	21:41:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/26	21:41:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/26	21:41:04.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/26	21:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/26	22:16:00.0	XRT_Custom_430_OG [0x1ae]			
2026/06/26	22:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/26	23:19:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/26	23:19:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/26	23:19:04.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/26	23:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/26	23:51:00.0	XRT_Custom_430_OG [0x1ae]			
2026/06/26	23:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/27	00:57:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/27	00:57:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/27	00:57:04.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/27	01:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/27	01:28:00.0	XRT_Custom_430_OG [0x1ae]			
2026/06/27	01:29:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/27	02:31:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/27	02:31:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/27	02:31:04.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/27	02:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/27	03:06:30.0	XRT_Custom_430_OG [0x1ae]			
2026/06/27	03:07:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/27	04:05:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/27	04:05:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/27	04:05:04.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/27	04:08:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/27	04:28:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/27	04:28:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/27	04:28:28.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/06/27	04:28:30.0	AOCS_Ore-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2026/06/27	04:28:48.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2026/06/27	04:28:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/06/27	04:28:52.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2026/06/27	04:28:54.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2026/06/27	04:28:56.0	XRT_FLD_RESET_401_OG [0x191]			

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2026/06/27	04:31:26.0	XRT_QT_PROG_SET_405_OG [0x195]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/27	04:31:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2026/06/27	04:44:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/06/27	04:45:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/27	05:34:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/27	05:34:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/27	05:34:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/27	05:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/27	06:22:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/27	06:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/27	06:28:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/27	06:28:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/27	06:28:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/06/27	06:28:30.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00
2026/06/27	06:28:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2026/06/27	06:28:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2026/06/27	06:28:52.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/06/27	06:31:28.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2026/06/27	06:31:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/27	06:38:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/27	06:38:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/27	06:38:28.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2026/06/27	06:38:30.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04 06 97 01 81
2026/06/27	06:38:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2026/06/27	06:38:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/06/27	06:38:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2026/06/27	06:38:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/06/27	06:38:56.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/27	06:41:26.0	XRT_QT_PROG_SET_444_OG [0x1bc]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2026/06/27	06:41:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/06/27	06:41:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/27	07:14:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/27	07:14:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/27	07:14:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/27	07:17:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/27	08:00:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/27	08:01:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/27	08:54:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/27	08:54:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/27	08:54:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/27	08:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/27	09:38:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/27	09:39:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/27	10:34:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/27	10:34:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/27	10:34:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/27	10:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/27	11:17:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/27	11:18:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1

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2026/06/27	12:24:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/27	12:24:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/27	12:24:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/27	12:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/27	12:55:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/27	12:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/27	14:02:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/27	14:02:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/27	14:02:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/27	14:05:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/27	14:33:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/27	14:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/27	15:40:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/27	15:40:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/27	15:40:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/27	15:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/27	16:11:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/27	16:12:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/27	17:18:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/27	17:18:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/27	17:18:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/27	17:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/27	17:57:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/27	17:57:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/27	17:57:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/27	17:58:00.0	AOCs_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/06/27	17:58:18.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00
2026/06/27	17:58:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9
2026/06/27	17:58:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2026/06/27	18:00:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/06/27	18:01:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2026/06/27	18:08:00.0	AOCs_ORe-point_Start_1_OG [0x097]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/27	18:56:30.0	XRT_CTRL_MANU_400_OG [0x190]	AOCU_NM	5	02-76	04 06 97 01 81
2026/06/27	18:56:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/27	18:56:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/27	18:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/27	19:33:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/27	19:34:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/27	20:34:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/27	20:34:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/27	20:34:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/27	20:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/27	21:10:30.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/27	21:11:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/27	22:12:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/27	22:12:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/27	22:12:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/27	22:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/27	22:47:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1

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2026/06/27	22:48:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/27	23:50:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/27	23:50:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/27	23:50:34.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/27	23:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/28	00:21:30.0	XRT_Custom_430_OG [0x1ae]							
2026/06/28	00:22:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/28	01:29:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/28	01:29:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/28	01:29:04.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/28	01:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/28	01:59:30.0	XRT_Custom_430_OG [0x1ae]							
2026/06/28	02:00:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/28	03:00:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/28	03:00:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/28	03:00:34.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/28	03:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/28	03:38:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/28	03:39:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/28	03:40:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/28	03:40:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/28	03:40:28.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2026/06/28	03:40:30.0	AOCs_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2026/06/28	03:40:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/06/28	03:40:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/06/28	03:40:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/06/28	03:40:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/06/28	03:40:56.0	XRT_FLD_RESET_401_OG [0x191]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/28	03:43:26.0	XRT_QT_PROG_SET_405_OG [0x195]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2026/06/28	03:43:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2026/06/28	03:43:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/28	04:33:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/28	04:33:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/28	04:33:04.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/28	04:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/28	05:16:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/28	05:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/28	05:40:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/28	05:40:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/28	05:40:28.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2026/06/28	05:40:30.0	AOCs_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2026/06/28	05:40:48.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2026/06/28	05:40:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2026/06/28	05:40:52.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/06/28	05:43:28.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f				
2026/06/28	05:43:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/28	05:50:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/28	05:50:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/28	05:50:28.0	XRT_FOCUS_POSITION_406_OG [0x196]							

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2026/06/28	05:50:30.0	AOCs_ORe-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2026/06/28	05:50:48.0	XRT_ROI_A_431_OG [0x1af]	AOCU_NM	5	02-76	04	06	97	01 81
			MDP_XRT_ROI_SET	6	07-F0	cd	06	80	80 20 20
			MDP_XRT_ROI_SET	6	07-F0	cd	07	80	80 20 08
			MDP_XRT_ROI_SET	6	07-F0	cd	08	80	80 08 20
			MDP_XRT_ROI_SET	6	07-F0	cd	09	80	80 08 08
			MDP_XRT_ROI_SET	6	07-F0	cd	0a	80	60 20 18
			MDP_XRT_ROI_SET	6	07-F0	cd	0b	a0	80 18 20
			MDP_XRT_ROI_SET	6	07-F0	cd	0e	85	83 08 08
			MDP_XRT_ROI_SET	6	07-F0	cd	0f	80	80 06 06
2026/06/28	05:50:48.5	XRT_ROI_B_446_OG [0x1be]	MDP_XRT_ROI_SET	6	07-F0	cd	0f	80	80 06 06
			MDP_XRT_ROI_SET	6	07-F0	cd	10	80	80 08 08
2026/06/28	05:50:53.5	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2026/06/28	05:50:55.5	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2026/06/28	05:50:57.5	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2026/06/28	05:50:59.5	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2026/06/28	05:51:01.5	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/06/28	05:53:31.5	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0c		
2026/06/28	05:53:33.5	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e		
2026/06/28	05:53:35.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/06/28	06:07:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/06/28	06:07:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/06/28	06:07:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2026/06/28	06:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/06/28	06:54:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/28	06:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/06/28	07:47:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/06/28	07:47:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/06/28	07:47:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2026/06/28	07:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/06/28	08:32:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/28	08:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/06/28	09:26:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/06/28	09:26:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/06/28	09:26:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2026/06/28	09:29:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/06/28	10:10:30.0	XRT_Custom_430_OG [0x1ae]							
2026/06/28	10:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/06/28	11:07:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/06/28	11:07:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/06/28	11:07:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2026/06/28	11:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/06/28	11:48:30.0	XRT_Custom_430_OG [0x1ae]							
2026/06/28	11:49:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/06/28	12:55:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/06/28	12:55:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/06/28	12:55:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2026/06/28	12:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/06/28	13:26:30.0	XRT_Custom_430_OG [0x1ae]							
2026/06/28	13:27:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/06/28	14:33:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/06/28	14:33:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/06/28	14:33:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2026/06/28	14:36:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							

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2026/06/28	15:04:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/28	15:05:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/28	16:11:30.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/28	16:11:32.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/28	16:11:34.0	XRT_PREFLR_STRT_410_OG [0x19a]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/28	16:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/28	16:52:00.0	XRT_Custom_430_OG [0x1ae]				
2026/06/28	16:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/28	17:34:54.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/28	17:34:56.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/28	17:34:58.0	XRT_FOCUS_POSITION_406_OG [0x196]				
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/06/28	17:35:00.0	AOCS_ORe-point_Start_2_OG [0x098]				
			AOCU_NM	5	02-76	00 00 00 00 00
2026/06/28	17:35:18.0	XRT_FLD_DIS_409_OG [0x199]				
			MDP_XRT_FLD_DIS	1	07-F0	d9
2026/06/28	17:35:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]				
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2026/06/28	17:35:22.0	XRT_ARS_DIS_420_OG [0x1a4]				
			MDP_XRT_ARS_DIS	1	07-F0	d5
2026/06/28	17:37:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]				
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2026/06/28	17:38:00.0	XRT_CTRL_AUTO_408_OG [0x198]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/28	17:44:54.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/28	17:44:56.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/28	17:44:58.0	XRT_FOCUS_POSITION_406_OG [0x196]				
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/06/28	17:45:00.0	AOCS_ORe-point_Start_7_OG [0x09d]				
			AOCU_NM	5	02-76	03 06 97 01 81
2026/06/28	17:45:18.0	XRT_FLD_ENA_411_OG [0x19b]				
			MDP_XRT_FLD_ENA	1	07-F0	d8
2026/06/28	17:45:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]				
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/06/28	17:45:22.0	XRT_AEC_RESET_448_OG [0x1c0]				
			MDP_XRT_AEC_RESET	1	07-F0	d0
2026/06/28	17:45:24.0	XRT_ARS_DIS_423_OG [0x1a7]				
			MDP_XRT_ARS_DIS	1	07-F0	d5
2026/06/28	17:45:26.0	XRT_FLD_RESET_401_OG [0x191]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/28	17:47:56.0	XRT_QT_PROG_SET_440_OG [0x1b8]				
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2026/06/28	17:47:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]				
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/06/28	17:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/28	17:50:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/28	17:50:02.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/28	17:50:04.0	XRT_PREFLR_STRT_410_OG [0x19a]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/28	17:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/28	18:28:30.0	XRT_Custom_430_OG [0x1ae]				
2026/06/28	18:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/28	19:28:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/28	19:28:02.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/28	19:28:04.0	XRT_PREFLR_STRT_410_OG [0x19a]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/28	19:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/28	20:05:01.0	XRT_Custom_430_OG [0x1ae]				
2026/06/28	20:06:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/28	21:06:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/28	21:06:02.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/28	21:06:04.0	XRT_PREFLR_STRT_410_OG [0x19a]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/28	21:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/28	21:42:00.5	XRT_Custom_430_OG [0x1ae]				
2026/06/28	21:43:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/28	22:44:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/28	22:44:02.0	XRT_FLD_RESET_415_OG [0x19f]				

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2026/06/28	22:44:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/28	22:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/28	22:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/28	22:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/28	22:59:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/28	23:00:00.0	AOCS_Ore-point_Start_8_OG [0x09e]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2026/06/28	23:00:18.0	XRT_FLD_DIS_404_OG [0x194]	AOCS_Ore-point_Start_9_OG [0x09f]	5	02-76	00 ad 59 00 00
2026/06/28	23:14:54.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	AOCU_NM	1	07-F0	d9
2026/06/28	23:14:56.0	XRT_ARS_DIS_432_OG [0x1b0]	MDP_XRT_FLD_DIS	1	07-F0	d9
2026/06/28	23:14:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2026/06/28	23:15:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/06/29	00:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14
2026/06/29	00:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/29	00:59:58.0	XRT_FOCUS_POSITION_436_OG [0x1b4]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/29	01:00:00.5	AOCS_Ore-point_Start_9_OG [0x09f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/29	01:00:18.0	XRT_FLD_DIS_404_OG [0x194]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2026/06/29	01:14:54.0	XRT_ARS_DIS_432_OG [0x1b0]	AOCS_Ore-point_Start_2_OG [0x098]	5	02-76	00 00 00 56 35
2026/06/29	01:14:56.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]	AOCU_NM	1	07-F0	d9
2026/06/29	01:14:58.0	XRT_QT_PROG_SET_437_OG [0x1b5]	MDP_XRT_FLD_DIS	1	07-F0	d9
2026/06/29	01:15:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/06/29	02:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2026/06/29	02:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2026/06/29	02:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/29	03:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/29	03:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/29	03:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/06/29	03:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	AOCS_Ore-point_Start_2_OG [0x098]	5	02-76	00 00 00 00 00
2026/06/29	03:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	AOCU_NM	1	07-F0	d8
2026/06/29	03:00:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_ENA	1	07-F0	d8
2026/06/29	03:02:56.0	XRT_QT_PROG_SET_405_OG [0x195]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/06/29	03:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2026/06/29	03:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/06/29	03:31:00.5	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/29	03:31:02.5	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2026/06/29	03:31:04.5	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/06/29	03:34:14.5	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/29	04:09:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/29	04:10:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/29	04:59:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/06/29	04:59:02.0	XRT_FLD_RESET_415_OG [0x19f]	AOCS_Ore-point_Start_2_OG [0x098]	5	02-76	00 00 00 00 00
2026/06/29	04:59:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	AOCU_NM	1	07-F0	d8
2026/06/29	05:02:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/06/29	05:47:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_AEC_RESET	1	07-F0	d0
2026/06/29	05:48:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/06/29	05:56:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/29	05:56:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2026/06/29	05:56:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
		XRT_FOCUS_POSITION	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1
			MDP_XRT_CTRL_MANU	1	07-F0	c1
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00

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2026/06/29	05:56:30.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-F6	00	00	00	00	00
2026/06/29	05:56:48.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2026/06/29	05:56:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2026/06/29	05:56:52.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/06/29	05:59:28.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f			
2026/06/29	05:59:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/29	06:06:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/29	06:06:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/29	06:06:28.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2026/06/29	06:06:30.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-F6	04	06	97	01	81
2026/06/29	06:06:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/06/29	06:06:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/06/29	06:06:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/06/29	06:06:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/06/29	06:06:56.0	XRT_FLD_RESET_401_OG [0x191]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/29	06:09:26.0	XRT_QT_PROG_SET_427_OG [0x1ab]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2026/06/29	06:09:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e			
2026/06/29	06:09:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/29	06:39:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/29	06:39:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/29	06:39:04.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/29	06:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/29	07:25:30.0	XRT_Custom_430_OG [0x1ae]							
2026/06/29	07:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/29	08:19:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/29	08:19:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/29	08:19:04.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/29	08:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/29	09:04:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/29	09:05:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/29	09:58:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/29	09:58:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/29	09:58:34.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/29	10:01:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/29	10:42:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/29	10:43:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/29	11:40:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/29	11:40:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/29	11:40:34.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/29	11:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/29	11:45:30.0	XRT_Custom_430_OG [0x1ae]							
2026/06/29	11:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/29	11:49:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/29	11:49:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/29	11:49:04.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/29	11:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/29	12:20:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/29	12:21:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/29	13:27:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				

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2026/06/29	13:27:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2026/06/29	13:27:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2026/06/29	13:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2026/06/29	13:58:00.0	XRT_Custom_430_OG [0x1ae]			
2026/06/29	13:59:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2026/06/29	15:05:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2026/06/29	15:05:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2026/06/29	15:05:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2026/06/29	15:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2026/06/29	15:36:00.0	XRT_Custom_430_OG [0x1ae]			
2026/06/29	15:37:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2026/06/29	16:43:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2026/06/29	16:43:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2026/06/29	16:43:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2026/06/29	16:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2026/06/29	17:23:00.0	XRT_Custom_430_OG [0x1ae]			
2026/06/29	17:24:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2026/06/29	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2026/06/29	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2026/06/29	17:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	4	07-F8	22 ff aa 00
		XRT_FOCUS_POSITION			
2026/06/29	18:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	5	02-76	00 00 00 00 00
		AOCU_NM			
2026/06/29	18:00:18.0	XRT_FLD_DIS_409_OG [0x199]	1	07-F0	d9
		MDP_XRT_FLD_DIS			
2026/06/29	18:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	1	07-F0	c9
		MDP_XRT_FLRCTRL_DIS			
2026/06/29	18:00:22.0	XRT_ARS_DIS_420_OG [0x1a4]	1	07-F0	d5
		MDP_XRT_ARS_DIS			
2026/06/29	18:02:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	2	07-F0	c4 0f
		MDP_XRT_QT_PROG_SET			
2026/06/29	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2026/06/29	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2026/06/29	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2026/06/29	18:09:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	4	07-F8	22 ff aa 00
		XRT_FOCUS_POSITION			
2026/06/29	18:10:00.0	AOCS_ORe-point_Start_1_OG [0x097]	5	02-76	04 06 97 01 81
		AOCU_NM			
2026/06/29	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	1	07-F0	d8
		MDP_XRT_FLD_ENA			
2026/06/29	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	1	07-F0	c8
		MDP_XRT_FLRCTRL_ENA			
2026/06/29	18:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	1	07-F0	d0
		MDP_XRT_AEC_RESET			
2026/06/29	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	1	07-F0	d5
		MDP_XRT_ARS_DIS			
2026/06/29	18:10:26.0	XRT_FLD_RESET_401_OG [0x191]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2026/06/29	18:12:56.0	XRT_QT_PROG_SET_427_OG [0x1ab]	2	07-F0	c4 03
		MDP_XRT_QT_PROG_SET			
2026/06/29	18:12:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	2	07-F0	c5 0e
		MDP_XRT_FL_PROG_SET			
2026/06/29	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2026/06/29	18:21:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2026/06/29	18:21:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2026/06/29	18:21:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2026/06/29	18:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2026/06/29	18:59:30.0	XRT_Custom_430_OG [0x1ae]			
2026/06/29	19:00:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2026/06/29	19:59:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2026/06/29	19:59:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2026/06/29	19:59:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2026/06/29	20:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2026/06/29	20:36:00.0	XRT_Custom_430_OG [0x1ae]			

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2026/06/29	20:37:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/29	21:37:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/29	21:37:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/29	21:37:34.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/29	21:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/29	22:13:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/29	22:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/29	23:16:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/29	23:16:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/29	23:16:04.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/29	23:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/29	23:48:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/29	23:49:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/30	00:54:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/30	00:54:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/30	00:54:04.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/30	00:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/30	01:25:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/30	01:26:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/30	02:28:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/30	02:28:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/30	02:28:04.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/30	02:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/30	03:03:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/30	03:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/30	04:02:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/30	04:02:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/30	04:02:04.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/30	04:05:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/30	04:24:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/30	04:24:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/30	04:24:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2026/06/30	04:25:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2026/06/30	04:25:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/06/30	04:25:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/06/30	04:25:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/06/30	04:25:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/06/30	04:25:26.0	XRT_FLD_RESET_401_OG [0x191]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/30	04:27:56.0	XRT_QT_PROG_SET_405_OG [0x195]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2026/06/30	04:27:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2026/06/30	04:41:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/30	04:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/30	05:31:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/30	05:31:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/30	05:31:34.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/30	05:34:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/30	06:19:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/30	06:20:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/30	06:24:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/30	06:24:56.0	XRT_CTRL_MANU_402_OG [0x192]							

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2026/06/30	06:24:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	1	07-F0	c1
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/06/30	06:25:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2026/06/30	06:25:18.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2026/06/30	06:25:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2026/06/30	06:25:22.0	XRT_ARS_DIS_420_OG [0x1a4]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2026/06/30	06:27:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2026/06/30	06:28:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/30	06:34:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/30	06:34:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/30	06:34:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/06/30	06:35:00.0	AOCS_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	04 06 97 01 81
2026/06/30	06:35:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2026/06/30	06:35:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/06/30	06:35:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2026/06/30	06:35:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2026/06/30	06:35:26.0	XRT_FLD_RESET_401_OG [0x191]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/30	06:37:56.0	XRT_QT_PROG_SET_427_OG [0x1ab]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2026/06/30	06:37:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/06/30	06:38:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/30	07:11:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/30	07:11:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/30	07:11:34.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/30	07:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/30	07:57:30.0	XRT_Custom_430_OG [0x1ae]			
2026/06/30	07:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/30	08:51:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/30	08:51:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/30	08:51:34.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/30	08:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/30	09:35:30.0	XRT_Custom_430_OG [0x1ae]			
2026/06/30	09:36:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/30	10:31:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/30	10:31:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/30	10:31:04.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/30	10:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/30	11:13:30.0	XRT_Custom_430_OG [0x1ae]			
2026/06/30	11:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/30	11:37:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/30	11:38:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00