XRT Timeline to be uploaded on 2026/01/27

Period: 2026/01/27 11:12:00 - 2026/02/04 11:51:00

✲ ✲ ✲ ✲ ✲ **Normal mode** ✲ ✲ ✲ ✲ ✲

XOB #1D03: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 1st Quadrant -Al/mesh(2048ms) - 1x1, Al/Poly(1443ms) - 2x2 - w leak image-1msC

Term	Pointing (x, y)	Comment
01/28 12:03:00 - 01/28 12:09:54	Fixed (-528.4, -528.4)	Post bakeout Q1

PROG= 18 1-time(s)

Subr= 1 1-time(s) 2.0sec

Seqn= 51 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
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	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 1536)	Q=90	0	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (1536, 1536)	Q=98	0	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (1536, 1536)	Q=98	0	0	2.0sec

Subr= 2 1-time(s) 120.0sec

Seqn= 93 2-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
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

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
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

XOB #1D04: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 2nd Quadrant -Al/mesh(2048ms) - 1x1, Al/Poly(1443ms) - 2x2 - w leak image-1msC

Term	Pointing (x, y)	Comment
01/28 12:13:00 - 01/28 12:19:54	Fixed (528.4, -528.4)	Post bakeout Q2

PROG= 17 1-time(s)

Subr= 1 1-time(s) 2.0sec

Seqn= 38 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (512, 1536)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (512, 1536)	Q=90	0	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (512, 1536)	Q=98	0	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (512, 1536)	Q=98	0	0	2.0sec

Subr= 2 1-time(s) 120.0sec

Seqn= 93 2-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
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

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
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

XOB #1D05: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 3rd Quadrant -Al/mesh(2048ms) - 1x1, Al/Poly(1443ms) - 2x2 - w leak image-1msC

Term	Pointing (x, y)	Comment
01/28 12:23:00 - 01/28 12:29:54	Fixed (528.4, 528.4)	Post bakeout Q3

PROG= 16 1-time(s)

Subr= 1 1-time(s) 2.0sec

Seqn= 21 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (512, 512)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (512, 512)	Q=90	0	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (512, 512)	Q=98	0	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (512, 512)	Q=98	0	0	2.0sec

Subr= 2 1-time(s) 120.0sec

Seqn= 93 2-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
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

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
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

XOB #1D06: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 4th Quadrant -Al/mesh(2048ms) - 1x1, Al/Poly(1443ms) - 2x2 - w leak image-1msC

Term	Pointing (x, y)	Comment
01/28 12:33:00 - 01/28 12:39:54	Fixed (-528.4, 528.4)	Post bakeout Q4

PROG= 15 1-time(s)

Subr= 1 1-time(s) 2.0sec

Seqn= 14 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 512)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 512)	Q=90	0	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (1536, 512)	Q=98	0	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (1536, 512)	Q=98	0	0	2.0sec

Subr= 2 1-time(s) 120.0sec

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

XOB #1D07: Synoptic 8 Filter w/ Al-mesh(5/128/723), Al-poly(8/181/1443), Thin-Be(33/512/4096), Thick-Be(32768), Med-Al(256/8192/32768), Med-Be(128/5795

Term	Pointing (x, y)	Comment
01/28 12:43:00 - 01/28 12:49:54	Fixed (0.0, 0.0)	Post bakeout synoptics
01/28 17:58:00 - 01/28 18:04:54	Fixed (0.0, 0.0)	synoptic, shifted -5.0 min
01/29 06:02:30 - 01/29 06:09:54	Fixed (0.0, 0.0)	HOP349 + synoptic
01/29 17:56:00 - 01/29 18:02:54	Fixed (0.0, 0.0)	synoptic, shifted -7.0 min
01/30 06:26:30 - 01/30 06:33:24	Fixed (0.0, 0.0)	synoptic, shifted 23.5 min
01/30 18:11:30 - 01/30 18:18:24	Fixed (0.0, 0.0)	synoptic, shifted 8.5 min
01/31 05:54:30 - 01/31 06:01:54	Fixed (0.0, 0.0)	HOP349 + synoptic, shifted -8.0 min
01/31 17:55:30 - 01/31 18:02:24	Fixed (0.0, 0.0)	synoptic, shifted -7.5 min
02/01 06:03:24 - 02/01 06:09:54	Fixed (0.0, 0.0)	HOP349 + synoptic
02/01 18:08:00 - 02/01 18:14:54	Fixed (0.0, 0.0)	synoptic, shifted 5.0 min
02/02 06:24:24 - 02/02 06:30:54	Fixed (0.0, 0.0)	HOP349 + synoptic, shifted 21.0 min
02/02 18:09:00 - 02/02 18:15:54	Fixed (0.0, 0.0)	synoptic, shifted 6.0 min
02/03 05:52:24 - 02/03 05:59:24	Fixed (0.0, 0.0)	HOP349 + synoptic, shifted -10.5 min

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

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

Term	Pointing (x, y)	Comment
01/28 13:05:00 - 01/28 14:49:54	Fixed (0.0, 930.0)	(End of synoptic) -> co-alignment(N-pole)

PROG= 20 1-time(s)												
Subr= 1 1-time(s) 2.0sec												
Seqn= 23 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2 24-time(s) 300.0sec												
Seqn= 69 1-time(s) 2.0sec												
Al-poly/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	2x2	2048x1536 (1024, 768)	Q=95	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval

XOB #1C8E: Alignment with East limb Al/poly 1443ms Q95 2x2 (G-band and VLS=CLS) - 8 min cad

Term	Pointing (x, y)	Comment
01/28 15:05:05 - 01/28 16:42:30	Fixed (-970.0, 0.0)	co-alignment(E-limb)

PROG= 19 1-time(s)

Subr= 1 1-time(s) 2.0sec

Seqn= 23 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec

Subr= 2 15-time(s) 480.0sec

Seqn= 70 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
Al-poly/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	2x2	1024x1024 (1536, 1536)	Q=95	0	0	2.0sec

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

Term	Pointing (x, y)	Comment
01/28 17:07:00 - 01/28 17:54:54	Track (600.6, -216.6) @ 01/28 16:50:00	AR14349
01/28 18:08:00 - 01/29 03:45:00	Track (609.1, -217.3) @ 01/28 18:05:00	AR14349
01/30 06:36:30 - 01/30 17:45:00	Track (810.2, -242.1) @ 01/30 06:33:30	AR14349

PROG= 09 Inf.-time(s)

Subr= 1 1-time(s) 2.0sec

Seqn= 92 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (512, 1536)	DPCM	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	1024x1024 (512, 1536)	DPCM	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	1024x1024 (512, 1536)	Q=98	0	0	2.0sec

Subr= 2 4-time(s) 2.0sec

Seqn= 47 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	1024x1024 (512, 1536)	Q=95	2	0	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	1024x1024 (512, 1536)	Q=95	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	1024x1024 (512, 1536)	Q=95	2	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	1024x1024 (512, 1536)	Q=95	3	0	2.0sec

Seqn= 77 4-time(s) 300.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	1024x1024 (512, 1536)	Q=95	1	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	1024x1024 (512, 1536)	Q=95	1	0	95.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	1024x1024 (512, 1536)	Q=95	1	1	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	1024x1024 (512, 1536)	Q=95	1	1	95.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	1024x1024 (512, 1536)	Q=95	1	2	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	1024x1024 (512, 1536)	Q=95	1	2	2.0sec

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

Term	Pointing (x, y)	Comment
01/29 04:06:30 - 01/29 06:02:00	Fixed (0.0, 0.0)	HOP349 + synoptic
01/31 04:03:00 - 01/31 05:54:00	Fixed (0.0, 0.0)	HOP349 + synoptic, shifted -8.0 min
02/01 04:04:00 - 02/01 06:02:54	Fixed (0.0, 0.0)	HOP349 + synoptic
02/02 04:03:00 - 02/02 06:23:54	Fixed (0.0, 0.0)	HOP349 + synoptic, shifted 21.0 min
02/03 04:03:00 - 02/03 05:51:54	Fixed (0.0, 0.0)	HOP349 + synoptic, shifted -10.5 min

PROG= 02 Inf.-time(s)

Subr= 1 1-time(s) 300.0sec

Seqn=100 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
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

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
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

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
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

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (512, 512)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	1024x1024 (512, 512)	Q=95	0	0	2.0sec

Subr= 2 6-time(s) 1200.0sec

Seqn= 8 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
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

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
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

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
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

XOB #1D23: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 1800s cad (G-band/Leak last)

Term	Pointing (x, y)	Comment
01/29 06:13:00 - 01/29 11:59:54	Track (847.5, 326.8) @ 01/29 06:10:00	HOP507

01/29 15:51:00 - 01/29 17:52:54	Fixed (869.3, 318.7)	HOP507 fixed pointing
01/29 18:06:00 - 01/29 20:59:54	Fixed (869.3, 318.7)	HOP507 fixed pointing
01/30 18:21:30 - 01/31 03:59:54	Track (478.7, -199.9) @ 01/30 18:18:30	AR14355
01/31 06:05:00 - 01/31 17:52:24	Track (565.4, -205.7) @ 01/31 06:02:00	AR14355
01/31 18:05:30 - 02/01 03:42:30	Track (646.3, -212.7) @ 01/31 18:02:30	AR14355

PROG= 08 Inf.-time(s)

- **Subr= 1 8-time(s) 1800.0sec**
  - **Seqn= 8 1-time(s) 2.0sec**

thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec

  - **Seqn= 6 1-time(s) 2.0sec**

Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec

- **Subr= 2 1-time(s) 2.0sec**
  - **Seqn= 30 1-time(s) 2.0sec**

Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval

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
01/29 12:03:00 - 01/29 15:39:30	Fixed (-22.0, -828.0)	HOP485(South)
02/01 06:13:00 - 02/01 18:04:54	Track (719.0, -220.7) @ 02/01 06:10:00	AR14355
02/01 18:18:00 - 02/02 03:59:54	Track (781.3, -229.7) @ 02/01 18:15:00	AR14355
02/02 06:34:00 - 02/02 17:42:30	Track (833.4, -239.7) @ 02/02 06:31:00	AR14355
02/02 18:19:00 - 02/03 03:59:54	Track (872.2, -249.9) @ 02/02 18:16:00	AR14355
02/03 06:02:30 - 02/03 11:16:30	Fixed (895.7, -258.7)	AR14355

PROG= 11 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	512x512 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec

- **Subr= 2 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 #1D39: HOP507 - Filter-Ratio with thin-Be and Med-Be (short) with PFB, 512x512 at 1064 1048, with G-band (1ms/1ms VLS=CLS), 30s cad AEC3

Term	Pointing (x, y)	Comment
01/29 21:03:00 - 01/30 06:23:24	Fixed (869.3, 318.7)	HOP507 fixed pointing

PROG= 03 Inf.-time(s)

- **Subr= 1 1-time(s) 10.0sec**
  - **Seqn= 64 2-time(s) 5.0sec**

thin-Be/Open	thin-Be/Open	close	Safe	Dark	1.00s	Obs	1x1	1024x1024 (512, 512)	Q=98	0	0	2.0sec

- **Subr= 2 240-time(s) 30.0sec**
  - **Seqn= 25 1-time(s) 2.0sec**

thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	1024x1024 (512, 512)	Q=95	3	0	2.0sec
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	1024x1024 (512, 512)	Q=95	3	0	2.0sec

  - **Seqn= 43 1-time(s) 2.0sec**

thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	1024x1024 (512, 512)	Q=95	3	3	2.0sec
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	1024x1024 (512, 512)	Q=95	3	3	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval

* * * * * 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-poly 512x512 2x2) + Gb

Term	Pointing (x, y)	Comment
01/28 17:07:00 - 01/28 17:54:54	Track (600.6, -216.6) @ 01/28 16:50:00	AR14349
01/28 18:08:00 - 01/29 03:45:00	Track (609.1, -217.3) @ 01/28 18:05:00	AR14349
01/29 04:06:30 - 01/29 06:02:00	Fixed (0.0, 0.0)	HOP349 + synoptic
01/29 06:13:00 - 01/29 11:59:54	Track (847.5, 326.8) @ 01/29 06:10:00	HOP507
01/29 12:03:00 - 01/29 15:39:30	Fixed (-22.0, -828.0)	HOP485(South)
01/29 15:51:00 - 01/29 17:52:54	Fixed (869.3, 318.7)	HOP507 fixed pointing
01/29 18:06:00 - 01/29 20:59:54	Fixed (869.3, 318.7)	HOP507 fixed pointing
01/29 21:03:00 - 01/30 06:23:24	Fixed (869.3, 318.7)	HOP507 fixed pointing
01/30 06:36:30 - 01/30 17:45:00	Track (810.2, -242.1) @ 01/30 06:33:30	AR14349
01/30 18:21:30 - 01/31 03:59:54	Track (478.7, -199.9) @ 01/30 18:18:30	AR14355
01/31 04:03:00 - 01/31 05:54:00	Fixed (0.0, 0.0)	HOP349 + synoptic, shifted -8.0 min
01/31 06:05:00 - 01/31 17:52:24	Track (565.4, -205.7) @ 01/31 06:02:00	AR14355
01/31 18:05:30 - 02/01 03:42:30	Track (646.3, -212.7) @ 01/31 18:02:30	AR14355
02/01 04:04:00 - 02/01 06:02:54	Fixed (0.0, 0.0)	HOP349 + synoptic
02/01 06:13:00 - 02/01 18:04:54	Track (719.0, -220.7) @ 02/01 06:10:00	AR14355
02/01 18:18:00 - 02/02 03:59:54	Track (781.3, -229.7) @ 02/01 18:15:00	AR14355

02/02 04:03:00 - 02/02 06:23:54	Fixed (0.0, 0.0)	HOP349 + synoptic, shifted 21.0 min
02/02 06:34:00 - 02/02 17:42:30	Track (833.4, -239.7) @ 02/02 06:31:00	AR14355
02/02 18:19:00 - 02/03 03:59:54	Track (872.2, -249.9) @ 02/02 18:16:00	AR14355
02/03 04:03:00 - 02/03 05:51:54	Fixed (0.0, 0.0)	HOP349 + synoptic, shifted -10.5 min
02/03 06:02:30 - 02/03 11:16:30	Fixed (895.7, -258.7)	AR14355

PROG= 14 30-time(s)

Subr= 1 1-time(s) 2.0sec												
Seqn= 68 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2 20-time(s) 2.0sec												
Seqn= 11 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Seqn= 73 1-time(s) 10.0sec												
thin-Be/Open	med-Be/Open	close	Safe	Norm	125ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
med-Be/Open	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Subr= 3 1-time(s) 2.0sec												
Seqn= 10 1-time(s) 2.0sec												
med-Al/Open	med-Al/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Seqn= 11 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Seqn= 87 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval

✲ ✲ ✲ ✲ ✲ Active Region Search ✲ ✲ ✲ ✲ ✲

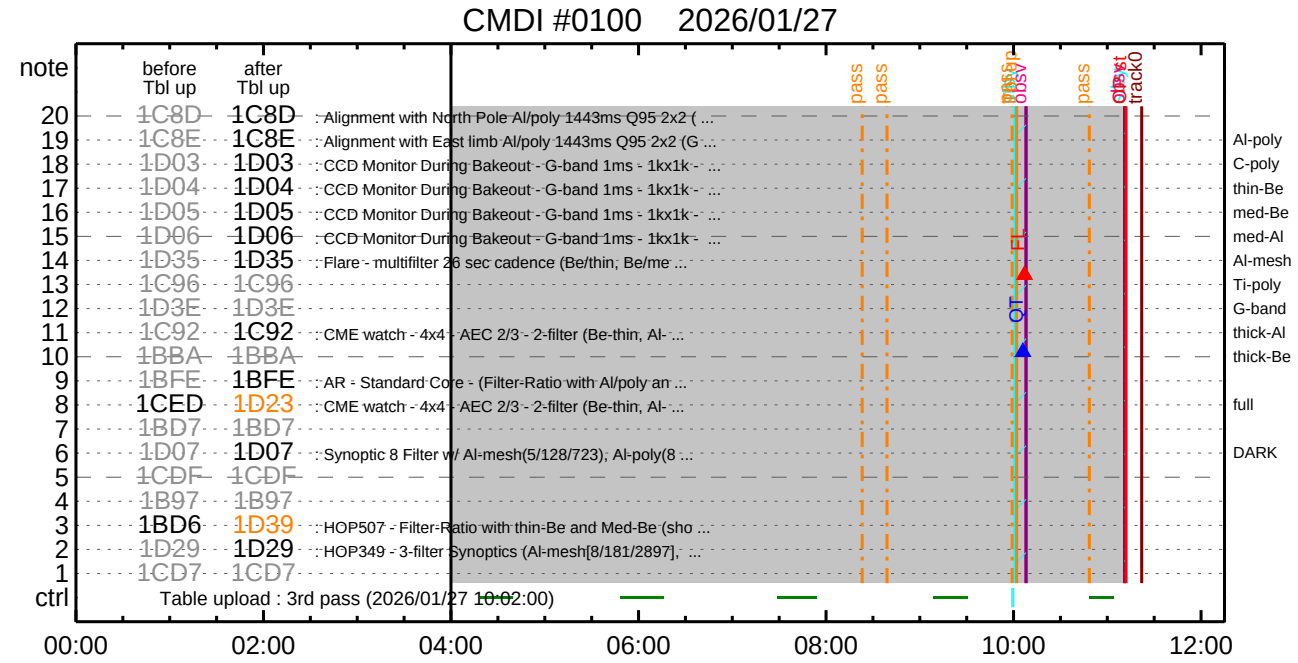
NOT USED

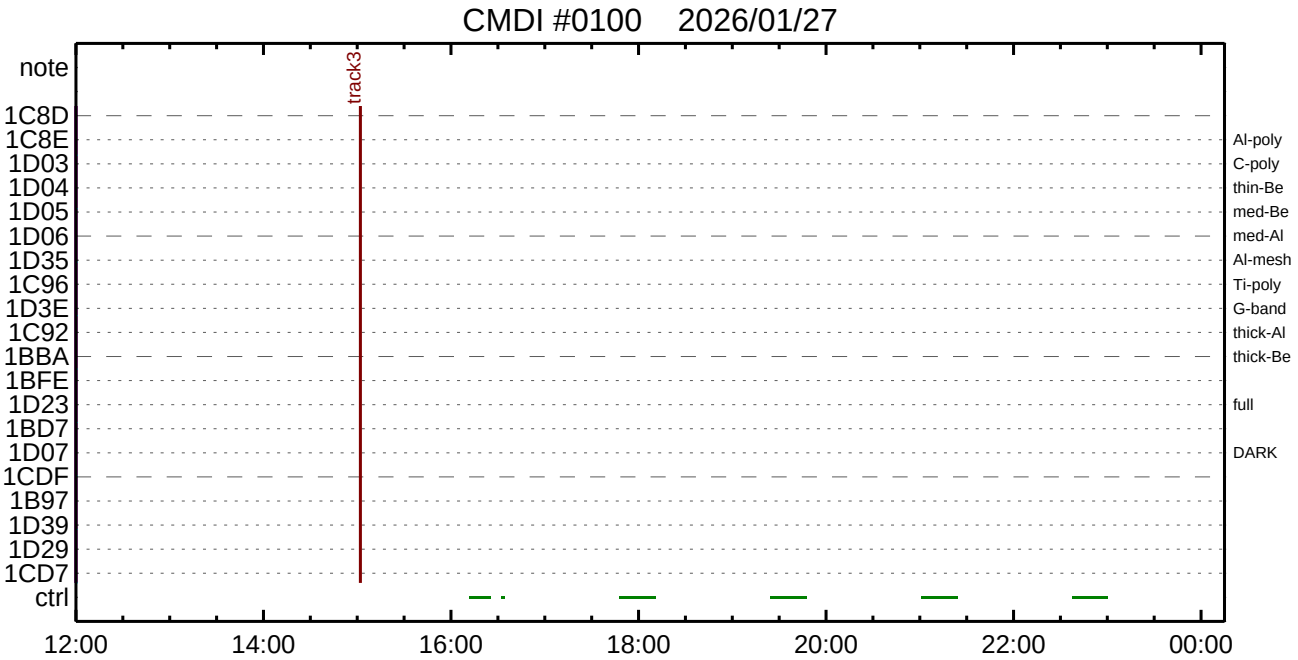
✲ ✲ ✲ ✲ ✲ Flare Detection ✲ ✲ ✲ ✲ ✲

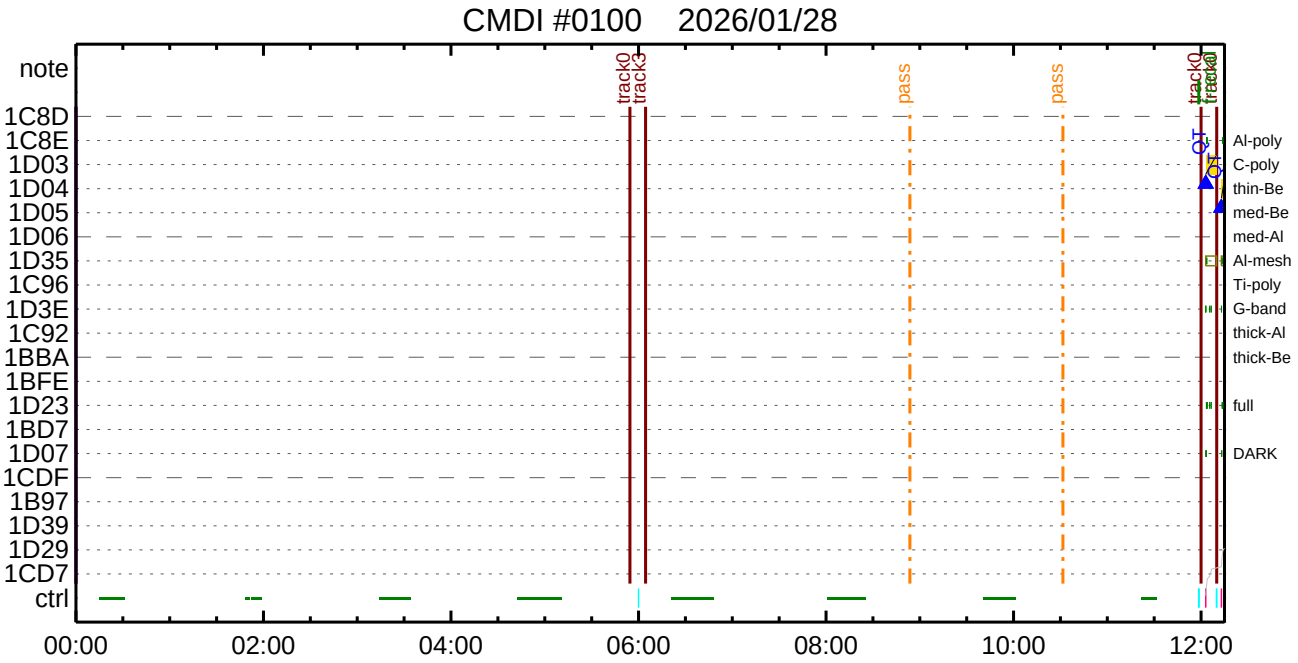
FLD Patrol

Term	Pointing (x, y)	Comment
01/27 10:03:00 - 01/28 12:02:56	cannot be identified	
01/28 16:50:16 - 01/28 17:55:16	Track (600.6, -216.6) @ 01/28 16:50:00	AR14349
01/28 18:05:16 - 01/29 06:02:22	Track (609.1, -217.3) @ 01/28 18:05:00	AR14349
01/29 06:10:16 - 01/29 17:53:16	Track (847.5, 326.8) @ 01/29 06:10:00	HOP507
01/29 18:03:16 - 01/30 06:23:46	Fixed (869.3, 318.7)	HOP507 fixed pointing
01/30 06:33:46 - 01/30 18:08:46	Track (810.2, -242.1) @ 01/30 06:33:30	AR14349
01/30 18:18:46 - 01/31 05:54:22	Track (478.7, -199.9) @ 01/30 18:18:30	AR14355
01/31 06:02:16 - 01/31 17:52:46	Track (565.4, -205.7) @ 01/31 06:02:00	AR14355
01/31 18:02:46 - 02/01 06:03:16	Track (646.3, -212.7) @ 01/31 18:02:30	AR14355
02/01 06:10:16 - 02/01 18:05:16	Track (719.0, -220.7) @ 02/01 06:10:00	AR14355
02/01 18:15:16 - 02/02 06:24:16	Track (781.3, -229.7) @ 02/01 18:15:00	AR14355
02/02 06:31:16 - 02/02 18:06:16	Track (833.4, -239.7) @ 02/02 06:31:00	AR14355
02/02 18:16:16 - 02/03 05:52:16	Track (872.2, -249.9) @ 02/02 18:16:00	AR14355
02/03 05:59:46 - 02/04 11:51:00	Fixed (895.7, -258.7)	AR14355

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 #0100 2026/01/27
note
before Tbl up
after Tbl up
20 1C8D 1C8D : Alignment with North Pole Al/poly 1443ms Q95 2x2 (...
19 1C8E 1C8E : Alignment with East limb Al/poly 1443ms Q95 2x2 (G ...
18 1D03 1D03 : CCD Monitor During Bakeout - G-band 1ms - 1kx1k - ...
17 1D04 1D04 : CCD Monitor During Bakeout - G-band 1ms - 1kx1k - ...
16 1D05 1D05 : CCD Monitor During Bakeout - G-band 1ms - 1kx1k - ...
15 1D06 1D06 : CCD Monitor During Bakeout - G-band 1ms - 1kx1k - ...
14 1D35 1D35 : Flare - multifilter 26 sec cadence (Be/thin, Be/me ...
13 1C96 1C96
12 1D3E 1D3E
11 1C92 1C92 : CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al- ...
10 1BBA 1BBA
9 1BFE 1BFE : AR - Standard Core - (Filter-Ratio with Al/poly an ...
8 1CED 1D23 : CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al- ...
7 1BD7 1BD7
6 1D07 1D07 : Synoptic 8 Filter w/ Al-mesh(5/128/723); Al-poly(8 ...
5 1CDF 1CDF
4 1B97 1B97
3 1BD6 1D39 : HOP507 - Filter-Ratio with thin-Be and Med-Be (sho ...
2 1D29 1D29 : HOP349 - 3-filter Synoptics (Al-mesh[8/181/2897], ...
1 1CD7 1CD7
ctrl
Table upload : 3rd pass (2026/01/27 10:02:00)
pass
pass
pass
obsv
pass
track0
FL
QT
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
00:00
02:00
04:00
06:00
08:00
10:00
12:00


CMDI #0100 2026/01/27
note
track3
1C8D
1C8E
1D03
1D04
1D05
1D06
1D35
1C96
1D3E
1C92
1BBA
1BFE
1D23
1BD7
1D07
1CDF
1B97
1D39
1D29
1CD7
ctrl
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
12:00
14:00
16:00
18:00
20:00
22:00
00:00


CMDI #0100 2026/01/28
note
track0
track3
pass
pass
track0
QT
FL
1C8D
1C8E
1D03
1D04
1D05
1D06
1D35
1C96
1D3E
1C92
1BBA
1BFE
1D23
1BD7
1D07
1CDF
1B97
1D39
1D29
1CD7
ctrl
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
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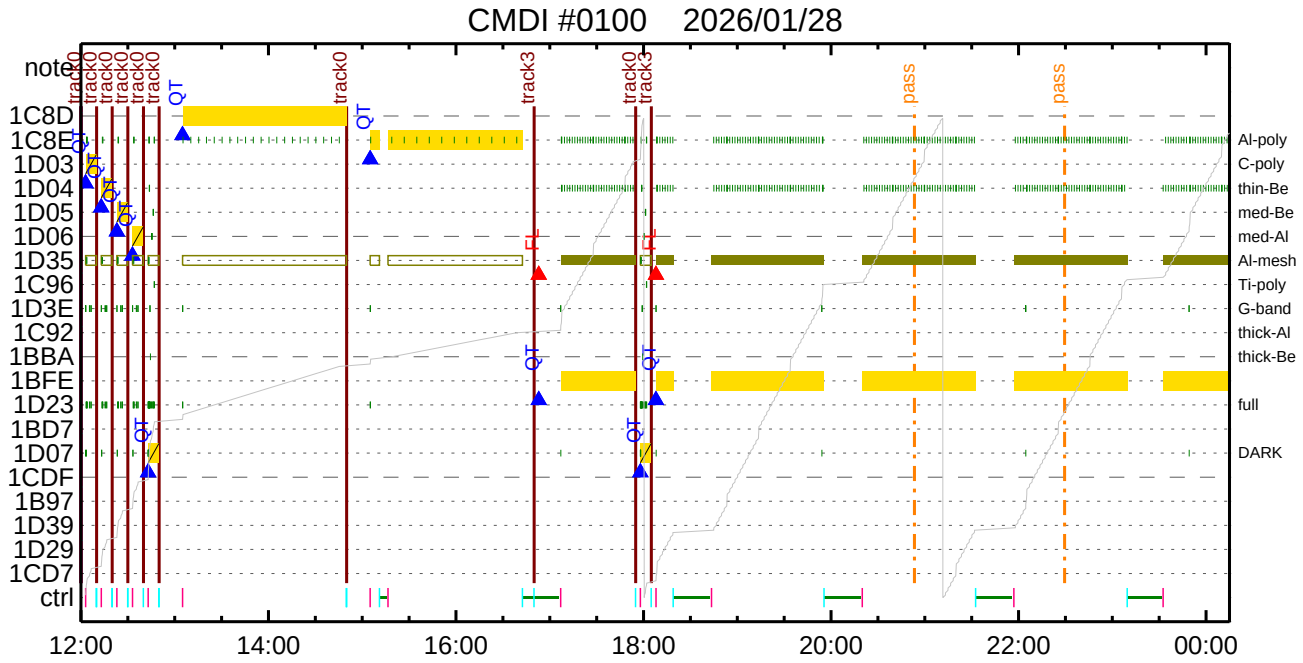
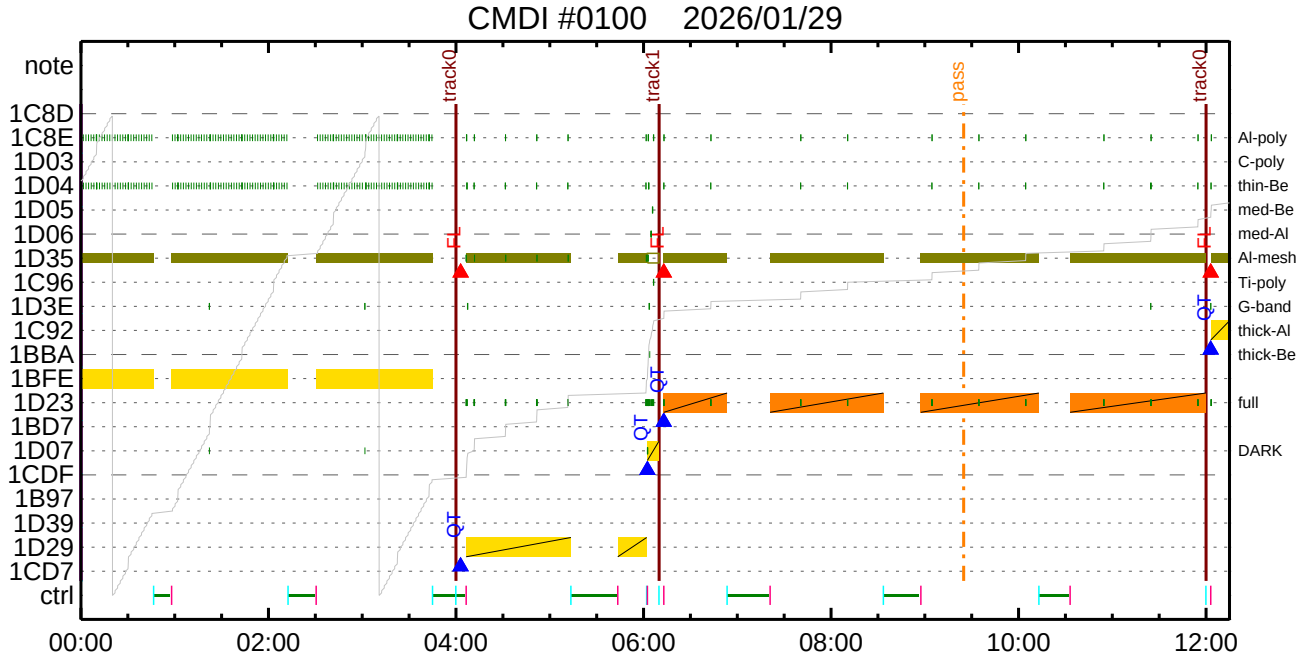
10:00
12:00


CMDI #0100 2026/01/28
note
1C8D
1C8E
1D03
1D04
1D05
1D06
1D35
1C96
1D3E
1C92
1BBA
1BFE
1D23
1BD7
1D07
1CDF
1B97
1D39
1D29
1CD7
ctrl
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
track0
track3
pass
QT
FL
12:00
14:00
16:00
18:00
20:00
22:00
00:00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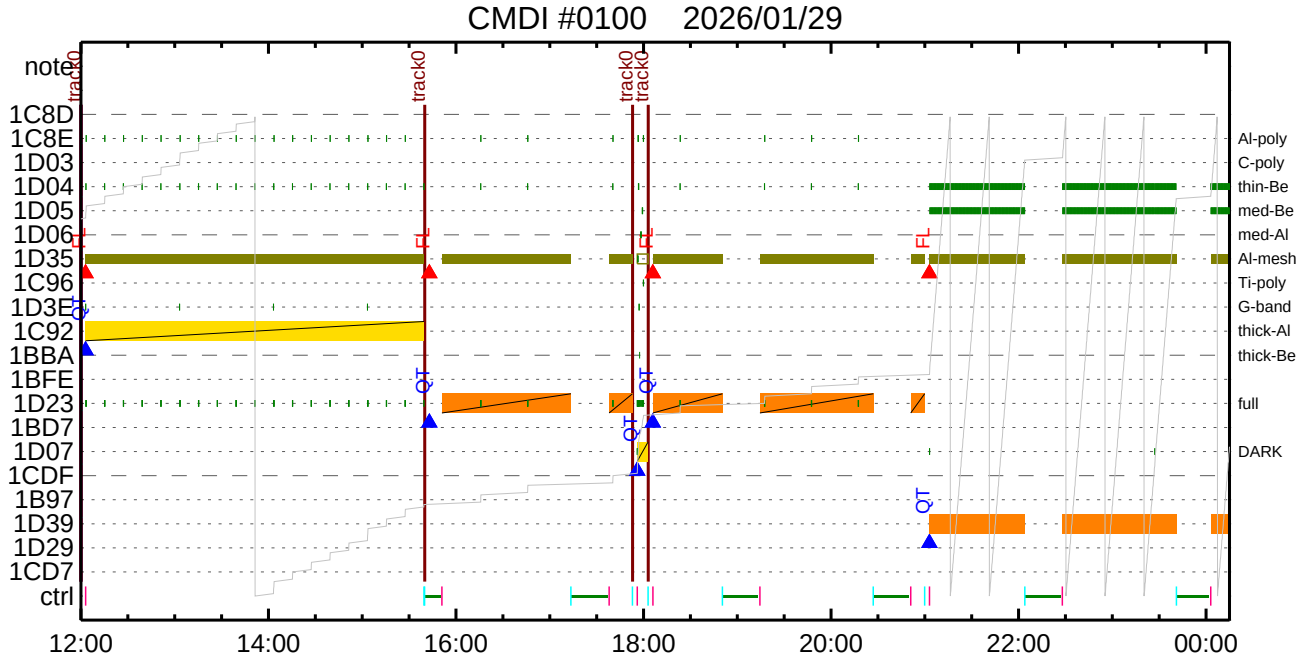
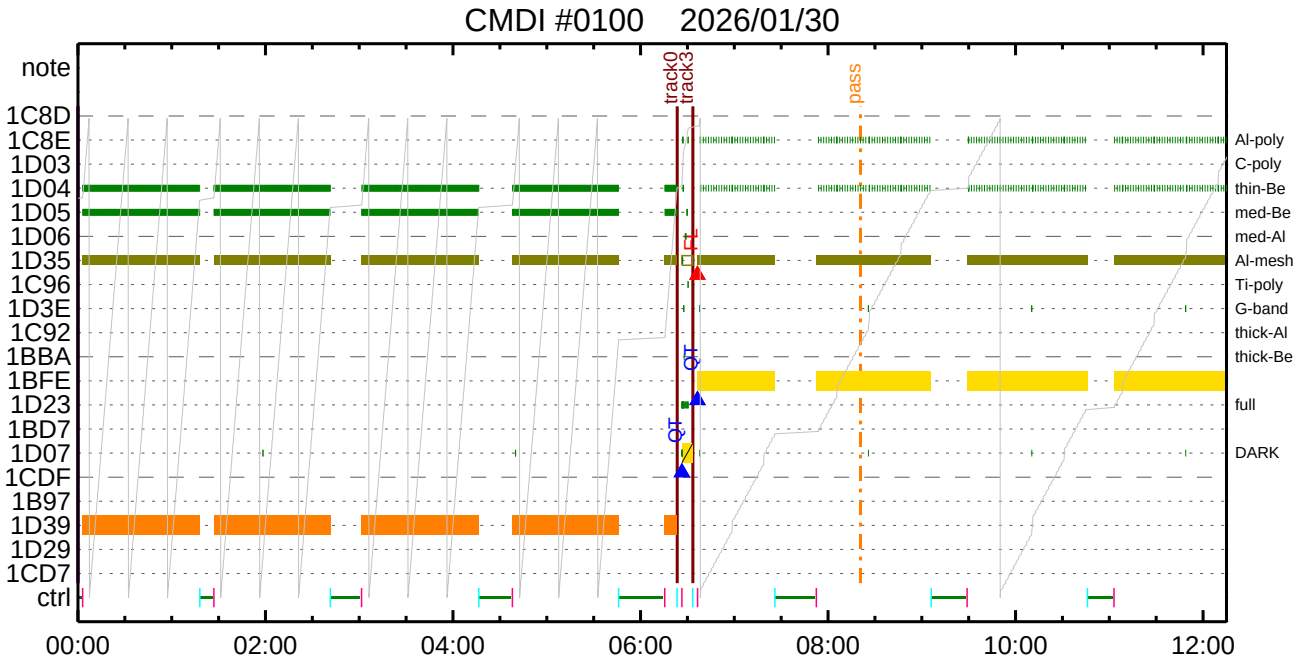
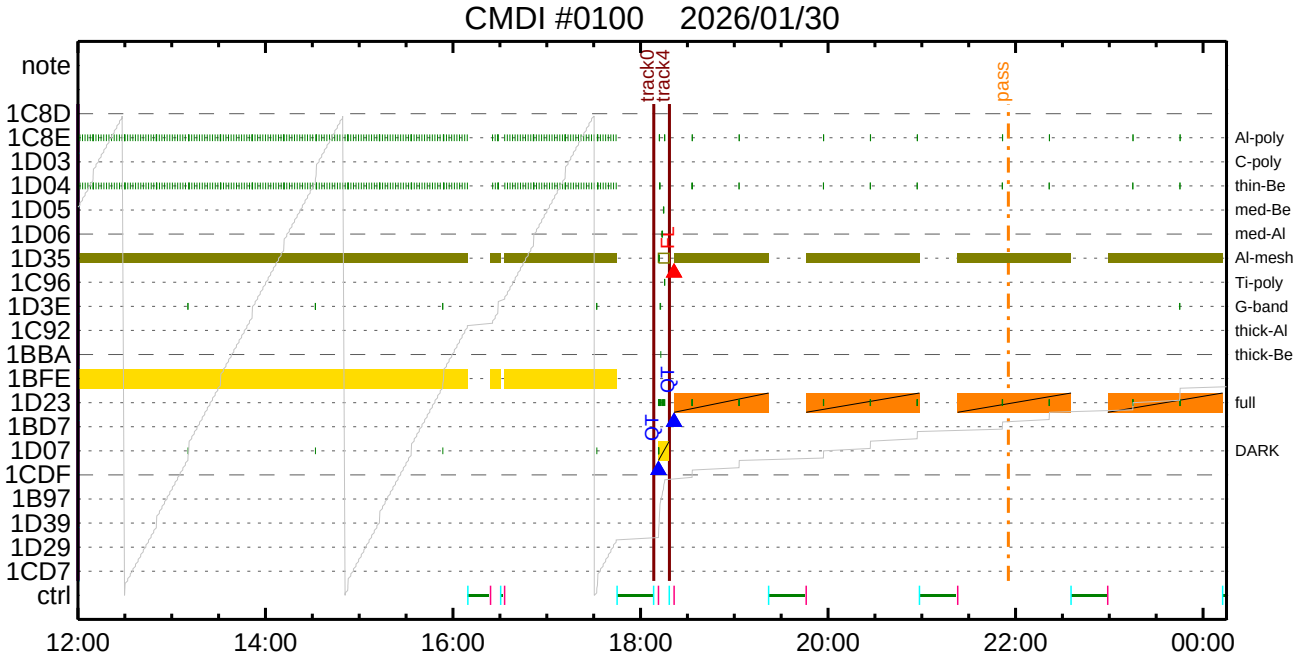
note
1C8D
1C8E
1D03
1D04
1D05
1D06
1D35
1C96
1D3E
1C92
1BBA
1BFE
1D23
1BD7
1D07
1CDF
1B97
1D39
1D29
1CD7
ctrl
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
track0
track1
pass
QT
FL
00:00
02:00
04:00
06:00
08:00
10:00
12:00


CMDI #0100 2026/01/29
note
1C8D
1C8E
1D03
1D04
1D05
1D06
1D35
1C96
1D3E
1C92
1BBA
1BFE
1D23
1BD7
1D07
1CDF
1B97
1D39
1D29
1CD7
ctrl
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
track0
QT
FL
12:00
14:00
16:00
18:00
20:00
22:00
00:00


CMDI #0100 2026/01/30
note
1C8D
1C8E
1D03
1D04
1D05
1D06
1D35
1C96
1D3E
1C92
1BBA
1BFE
1D23
1BD7
1D07
1CDF
1B97
1D39
1D29
1CD7
ctrl
track0
track3
pass
FL
QT
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
00:00
02:00
04:00
06:00
08:00
10:00
12:00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note
1C8D
1C8E
1D03
1D04
1D05
1D06
1D35
1C96
1D3E
1C92
1BBA
1BFE
1D23
1BD7
1D07
1CDF
1B97
1D39
1D29
1CD7
ctrl
track0
track4
pass
FL
QT
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
12:00
14:00
16:00
18:00
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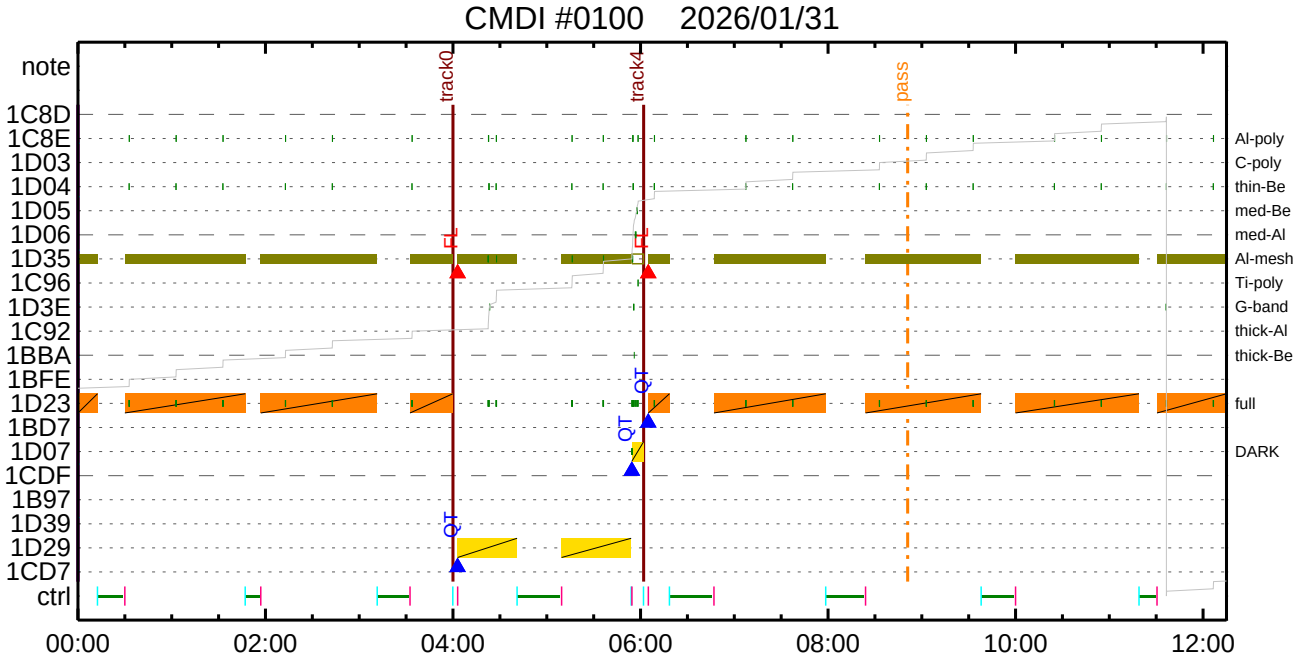
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note
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1C8E
1D03
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1C96
1D3E
1C92
1BBA
1BFE
1D23
1BD7
1D07
1CDF
1B97
1D39
1D29
1CD7
ctrl
track0
track4
pass
FL
QT
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
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thick-Be
full
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02:00
04:00
06:00
08:00
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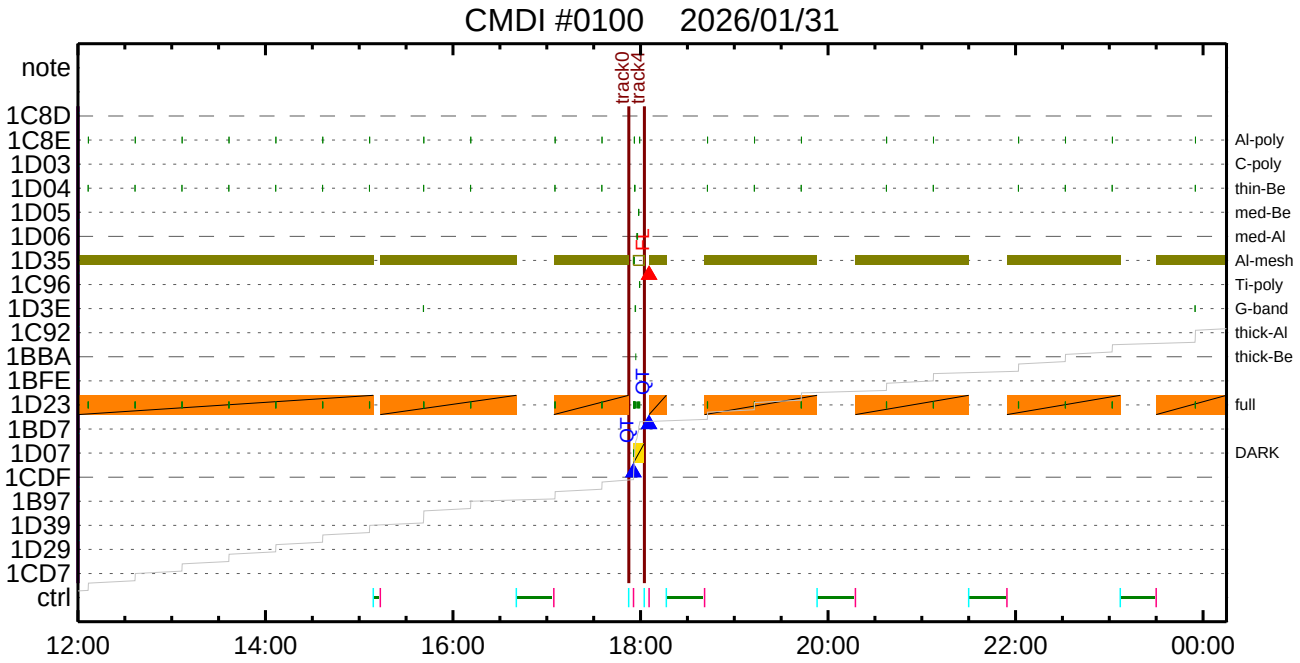
12:00


CMDI #0100 2026/01/31
note
1C8D
1C8E
1D03
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1C96
1D3E
1C92
1BBA
1BFE
1D23
1BD7
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1CDF
1B97
1D39
1D29
1CD7
ctrl
track0
track4
FL
QT
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
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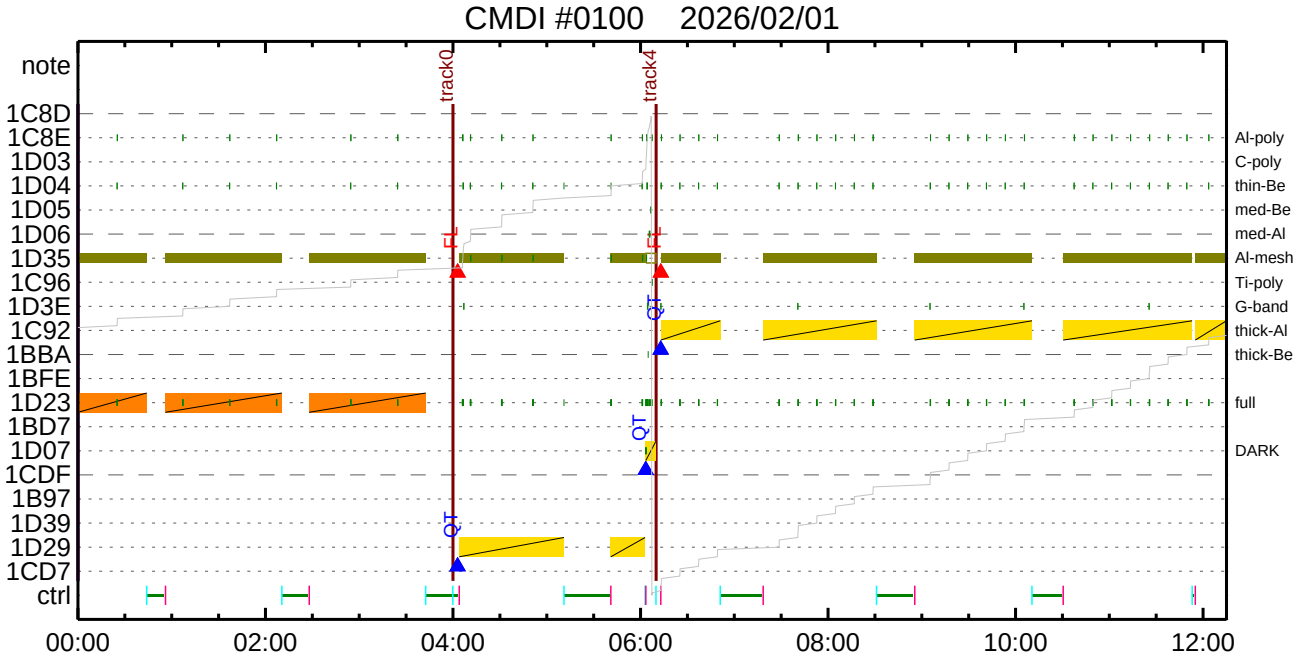
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note
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1C8E
1D03
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1C92
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1BD7
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1CDF
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1D39
1D29
1CD7
ctrl
track0
track4
FL
QT
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
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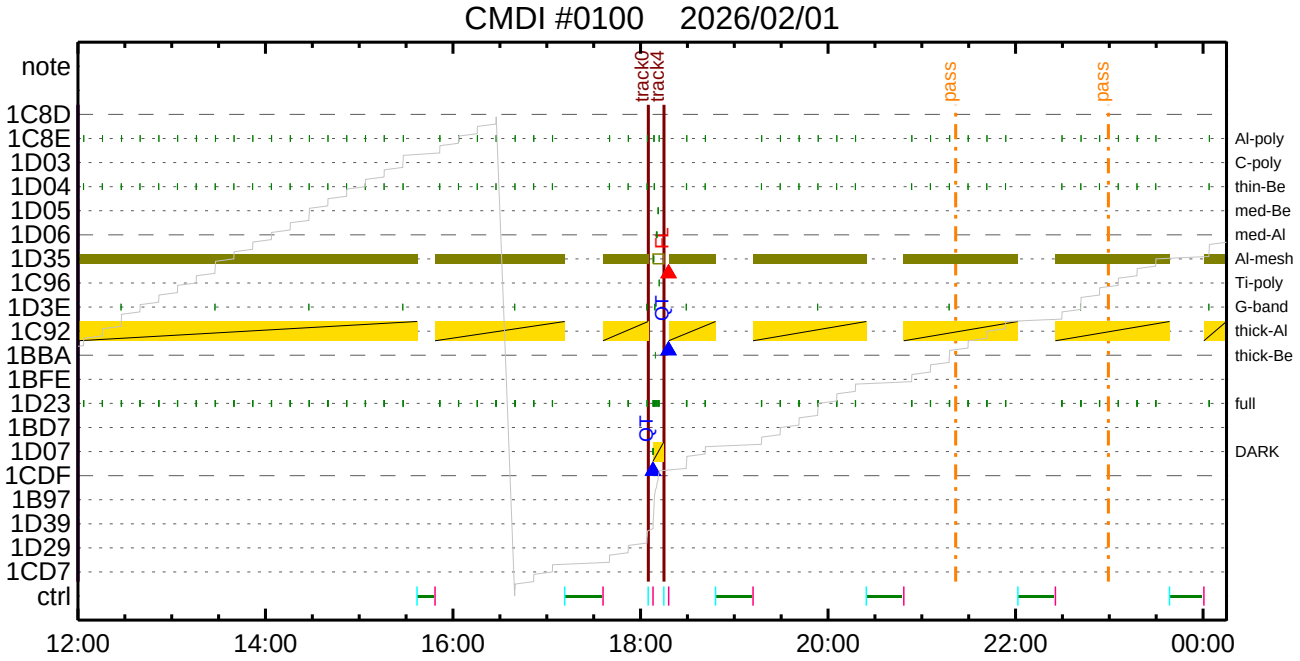
CMDI #0100 2026/02/01
note
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1D03
1D04
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1D3E
1C92
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1BD7
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1CDF
1B97
1D39
1D29
1CD7
ctrl
track0
track4
pass
FL
QT
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
12:00
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18:00
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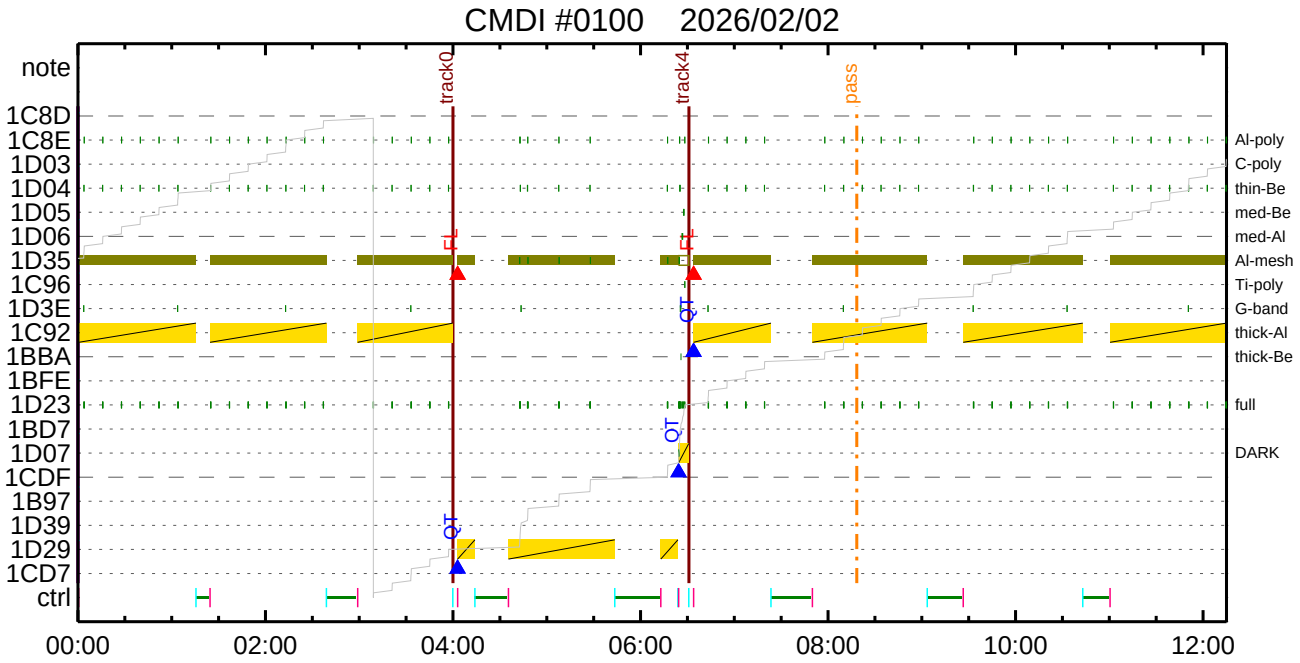
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note
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1D03
1D04
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1C96
1D3E
1C92
1BBA
1BFE
1D23
1BD7
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1CDF
1B97
1D39
1D29
1CD7
ctrl
track0
track4
pass
FL
QT
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
00:00
02:00
04:00
06:00
08:00
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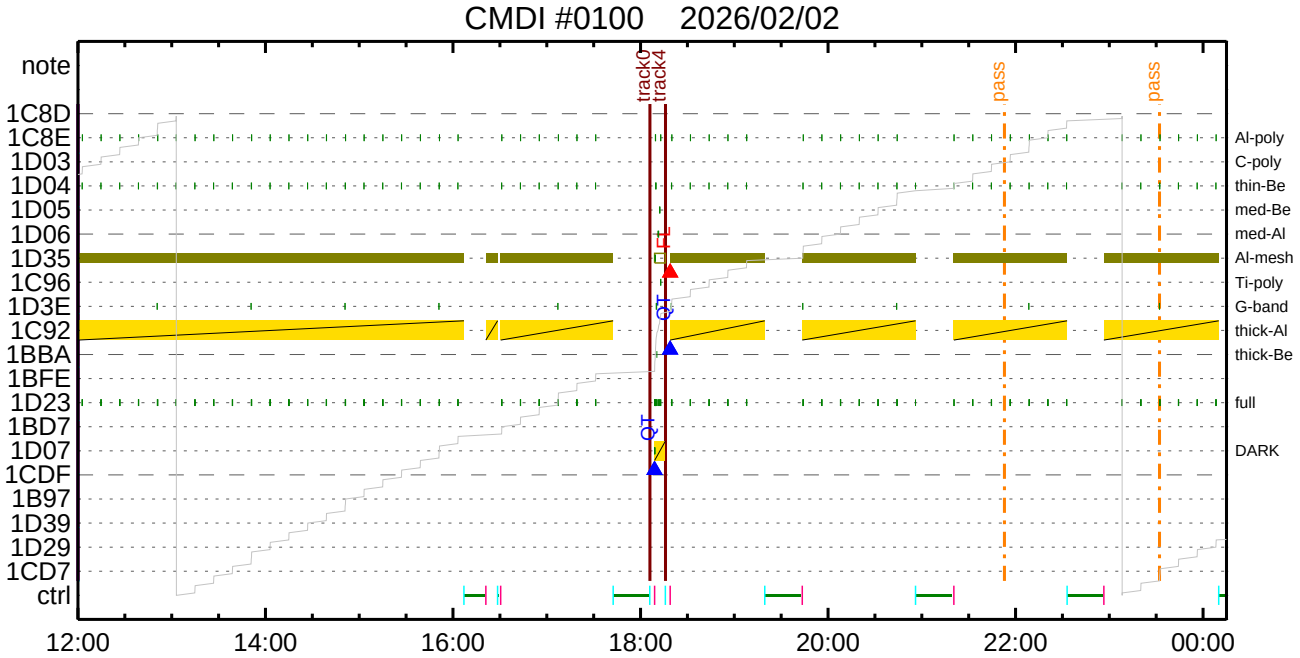
12:00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note
1C8D
1C8E
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1C96
1D3E
1C92
1BBA
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1D23
1BD7
1D07
1CDF
1B97
1D39
1D29
1CD7
ctrl
track0
track4
pass
FL
QT
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
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16:00
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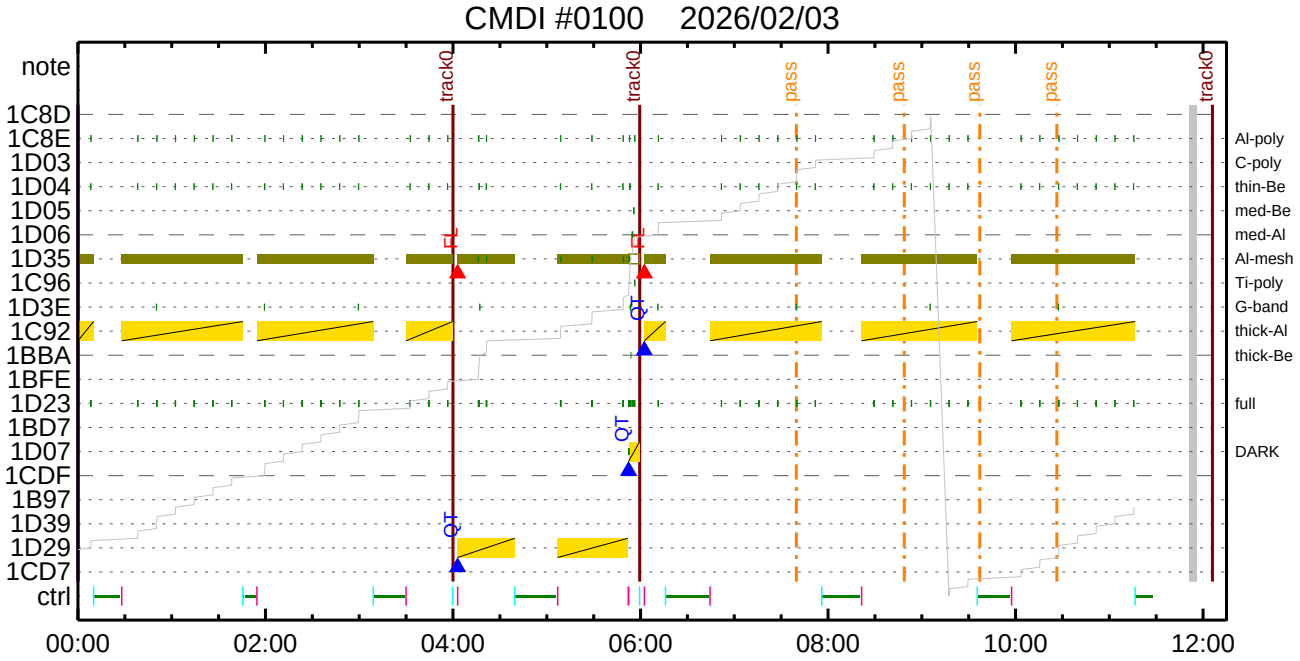
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note
1C8D
1C8E
1D03
1D04
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1D06
1D35
1C96
1D3E
1C92
1BBA
1BFE
1D23
1BD7
1D07
1CDF
1B97
1D39
1D29
1CD7
ctrl
track0
pass
FL
QT
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
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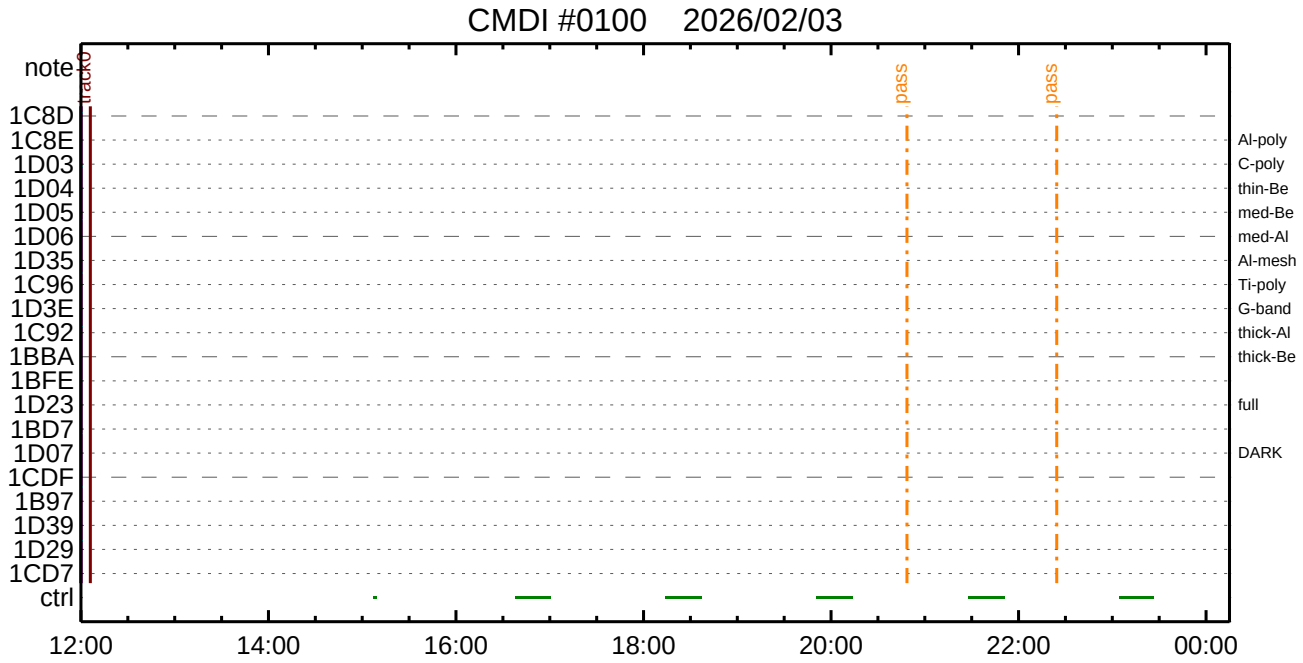
10:00
12:00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note
tracko
pass
pass
1C8D
1C8E
1D03
1D04
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1D35
1C96
1D3E
1C92
1BBA
1BFE
1D23
1BD7
1D07
1CDF
1B97
1D39
1D29
1CD7
ctrl
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
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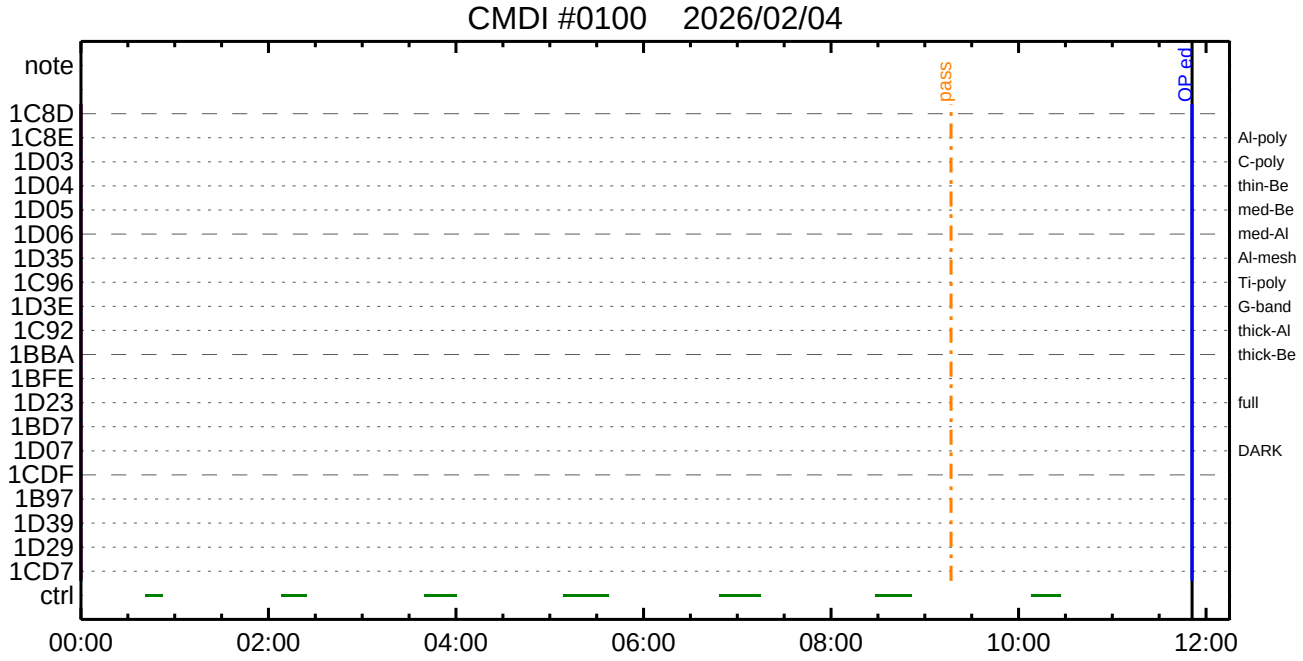
CMDI #0100 2026/02/04
note
pass
OP ed
1C8D
1C8E
1D03
1D04
1D05
1D06
1D35
1C96
1D3E
1C92
1BBA
1BFE
1D23
1BD7
1D07
1CDF
1B97
1D39
1D29
1CD7
ctrl
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
00:00
02:00
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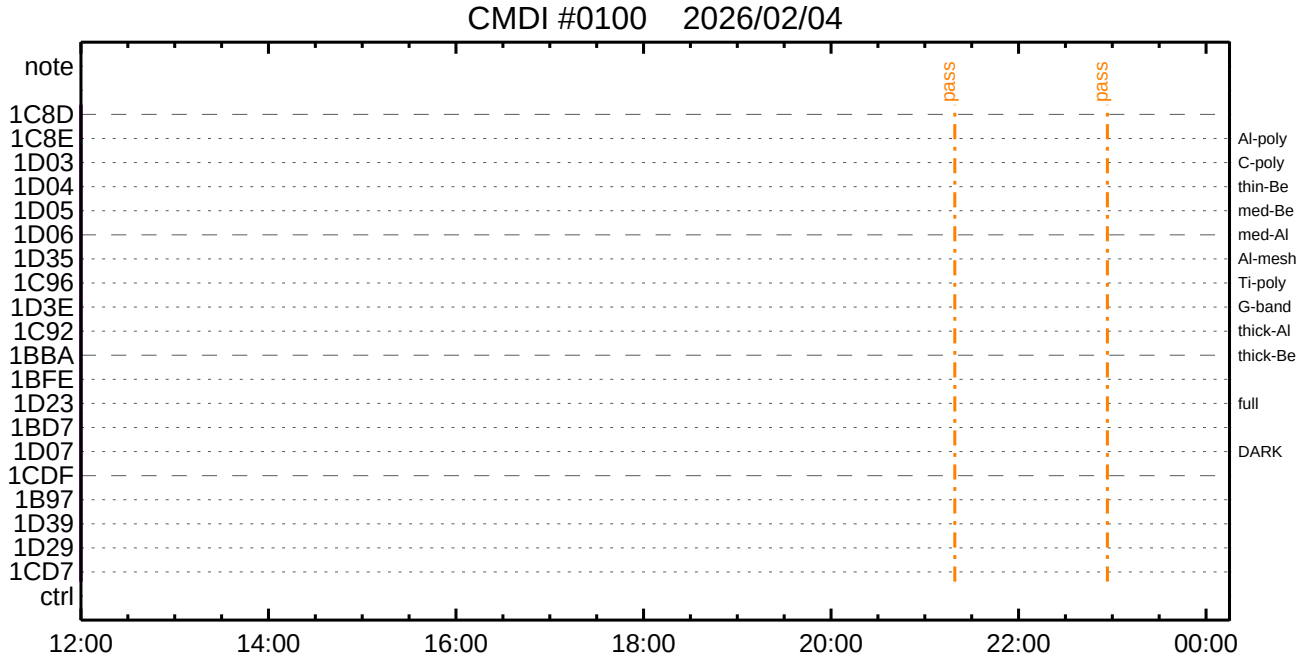
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pass
pass
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1D03
1D04
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1D06
1D35
1C96
1D3E
1C92
1BBA
1BFE
1D23
1BD7
1D07
1CDF
1B97
1D39
1D29
1CD7
ctrl
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
12:00
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(a) Spacecraft Operation Procedure (real-commands)

```
main-762 2026-01-27 14:45:09 278 33 SOLAR-B MAIN //
0001     C.
0002   . C. *********** AOS ***********
0003     C.
0004   . C. ¡ãAOS¥Á¥$¥Ã¥¯¼Â»Ü¡ä
0005     C.
0006     C. ¥À¥ß¡¼¥³¥Þ¥ó¥ÉÁ÷¿®
0007  +. DC 00-00 NULL_DUMMY_CMD
0008     C.
0009   . C. ***** AOCS : Reload orbital element (send every contact) *****
0010     C.  Ãí¡Ë¤¿¤À¤•µ°Æ»Í×ÁÇ¤Î¥¢¥Ã¥×¥í¡¼¥É¡ÊËè½µ•îÍË¡Ë¤Ë¼°ÇÔ¤•¤¿¾ì¹ç¤Ï¡¢À®¸ù¤¹¤ë¤Þ¤ÇÁ÷¿®¤•¤Ê¤¤¤³¤È¡£
0011  +. DC 02-8E AOCU_ORB_UPD
0012     C.
0013     C.
0014   . C. ****************************
0015     C. XÁ÷¿®µ¡ON
0016     C. ****************************
0017     C. ¢¨ °ÆÀ¸Í×ÈÝ¤äLOS¤Þ¤Ç¤Î»þ´Ö¤ò¹ÍÎ¸¤•¡¢ÉÔÍ×¤ÊXÂÓON¤Ï¹Ô¤Ê¤ï¤Ê¤¤¤³¤È¡£
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.                    ¢¢[HK1_XPA_ON/OFF]              EQ     ON
0025     C.                    ¢¢[HK1_XPA_PWR_HI/LO]           EQ     HI
0026     C.                    ¢¢[HK1_XMOD_ON/OFF]             EQ     ON
0027     C.                    ¢¢[HK1_XMOD_QPSK/PM]            EQ     QPSK
0028     C.
0029   . C. X¥Ð¥ó¥É¥í¥Ã¥¯¾õÂÖ¤¬°ÂÄê¤•¤¿¤é¡¢°Ê²¼¤Î°ÆÀ¸¼ê½ç¤ò¼Â¹Ô¤¹¤ë¡£
0030     C.
0031   . C. ***************
0032     C. DR PT1 ÄÌ¾ï°ÆÀ¸
0033     C. ***************
0034     C. ¢¨ RESTART¡ÊPT1¡Ë¤•¤¿¤¤¾ì¹ç¤Ï¡¢°Ê²¼¤Ï¼Â¹Ô¤»¤°¡¢DCBC-150¤Ø¿Ê¤à¡£
0035     C.
0036   . C. ¡ãPT1°ÆÀ¸³«»Ï¡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.                    ¢¢[HK1_REP_PT_1/2]              EQ     PT1    (¼Â¹Ô¸¡¾¾Ú)
0043     C.                    ¢¢[HK1_REP_STA/STP]             EQ     START  (¼Â¹Ô¸¡¾¾Ú)
0044     C.                    ¢¢[HK1_X_VC4_ON/OFF]            EQ     ON     (¼Â¹Ô¸¡¾¾Ú)
0045     C.
0046   . C. ¡ã¥¢¥ó¥Æ¥ÊÀÚÂØ¡ÊÅ•Ä°²ÓÈò¡Ë¸å¤Î°ÆÀ¸°Æ³«¡ä
0047  +. DC 06-B3 DR_REP_START
0048  +  DC 01-32 DHU_X_VC4_ON
0049     C.                    ¢¢[HK1_REP_PT_1/2]              EQ     PT1    (¼Â¹Ô¸¡¾¾Ú)
0050     C.                    ¢¢[HK1_REP_STA/STP]             EQ     START  (¼Â¹Ô¸¡¾¾Ú)
0051     C.                    ¢¢[HK1_X_VC4_ON/OFF]            EQ     ON     (¼Â¹Ô¸¡¾¾Ú)
0052     C.
0053     C.
0054   . C. PT1°ÆÀ¸¤¬¼«°Ää»ß¤•¤¿¸å¡¢°Ê²¼¤ò¼Â¹Ô¤¹¤ë¡£
0055     C. ¥¢¥ó¥Æ¥ÊÀÚÂØ¤äÅ•Ä°²óÈò¤¬¶á¤¤¾ì¹ç¤Ï´°Î»¤¹¤ë¤Þ¤ÇÂÔ¤Ä¡£
0056     C.
0057   . C. ***************
0058     C. DR PT2 ÄÌ¾ï°ÆÀ¸
0059     C. ***************
0060     C. ¢¨ RESTART¡ÊPT2¡Ë¤•¤¿¤¤¾ì¹ç¤Ï¡¢°Ê²¼¤Ï¼Â¹Ô¤»¤°¡¢DCBC-151¤Ø¿Ê¤à¡£
0061     C.
0062   . C. ¡ãPT2°ÆÀ¸³«»Ï¡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.                    ¢¢[HK1_REP_PT_1/2]              EQ     PT2    (¼Â¹Ô¸¡¾¾Ú)
0069     C.                    ¢¢[HK1_REP_STA/STP]             EQ     START  (¼Â¹Ô¸¡¾¾Ú)
0070     C.                    ¢¢[HK1_X_VC4_ON/OFF]            EQ     ON     (¼Â¹Ô¸¡¾¾Ú)
0071     C.
0072   . C. ¡ã¥¢¥ó¥Æ¥ÊÀÚÂØ¡ÊÅ•Ä°²óÈò¡Ë¸å¤Î°ÆÀ¸°Æ³«¡ä
0073  +. DC 06-B3 DR_REP_START
0074  +  DC 01-32 DHU_X_VC4_ON
0075     C.                    ¢¢[HK1_REP_PT_1/2]              EQ     PT2    (¼Â¹Ô¸¡¾¾Ú)
0076     C.                    ¢¢[HK1_REP_STA/STP]             EQ     START  (¼Â¹Ô¸¡¾¾Ú)
0077     C.                    ¢¢[HK1_X_VC4_ON/OFF]            EQ     ON     (¼Â¹Ô¸¡¾¾Ú)
0078     C.
0079   . C. ****************************
0080     C. DR°ÆÀ¸Ää»ß¡¢XÁ÷¿®µ¡OFF
0081     C. ****************************
0082     C.
0083   . C. ¡ãDR°ÆÀ¸Ää»ß¡ä
0084  +. DC 06-B4 DR_REP_STOP
0085  +  DC 01-29 DHU_S/X_VC4_OFF
0086     C.                    ¢¢[HK1_REP_STA/STP]             EQ     STOP
0087     C.                    ¢¢[HK1_S_VC4_ON/OFF]            EQ     OFF
0088     C.                    ¢¢[HK1_X_VC4_ON/OFF]            EQ     OFF
0089     C.
0090   . C. ¡ãXÁ÷¿®µ¡OFF¡ä
0091  +. DC 03-85 TCIA_XMOD_OFF
0092     M. WAIT_SEC   1
0093  +  DC 03-B5 TCIA_XPA_OFF
0094     C.                    ¢¢[HK1_XMOD_ON/OFF]             EQ     OFF
0095     C.                    ¢¢[HK1_XPA_ON/OFF]              EQ     OFF
```

```
0096     C.
0097     C.
0098   . C. ****************************
0099     C. OP/OG¥í¡¼¥É¡¦¥À¥ó¥×
0100     C. ****************************
0101     C.
0102   . C. ¡ãOP/OG¥í¡¼¥É¡ä
0103   . S. OP    op-762:OP
0104     ()
0105   . S. OG    og-762:OG
0106     ()
0107     C.
0108   . C. ¡ãNMOG&OPÎÎ°è¥À¥ó¥×¡ä
0109     C. NMOG(0x200000-0x207FFF¡§ 32 kbyte)
0110  +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111     BC       (20 00 7f 01 02)
0112     C.                    ¢¢[HK1_DMP_TOP_ADRS_1]          EQ     40
0113     C.                    ¢¢[HK1_DMP_TOP_ADRS_0]          EQ     0
0114     C.                    ¢¢[HK1_DMP_BLOCK_NUM]           EQ     127
0115     C.                    ¢¢[HK1_DMP_REPEAT_NUM]          EQ     0
0116     C.                    ¢¢[HK1_DMA_DMP_PIM]             EQ     DHU
0117  +. DC 01-22 DHU_MODE_CHNG
0118     BC       (07 0b f8)
0119     C.                    ¢¢[HK1_PKT_FORM_NO]             EQ     7
0120     C.                    ¢¢[HK1_PKT_GEN_TIME]            EQ     0.25 s
0121     C.                    ¢¢[HK1_S_TLM_BIT_RATE]          EQ     32k
0122     C.                    ¢¢[HK1_X_TLM_BIT_RATE]          EQ     4M
0123     C.                    ¢¢[HK1_DMP_CHK_FLG]             EQ     EXEC
0124   . C. ¥À¥ó¥×½ªÎ»¤ò³ÎÇ§
0125     C.                    ¢¢[HK1_DMP_CHK_FLG]             EQ     NON
0126   . C. RAM ID=NMOG¤Î¾È¹ç•ë²ÌOK¤ò³ÎÇ§
0127     C.
0128     C. NMOG(0x208000-0x20FFFF¡§ 32 kbyte)
0129  +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130     BC       (20 80 7f 01 02)
0131     C.                    ¢¢[HK1_DMP_TOP_ADRS_1]          EQ     41
0132     C.                    ¢¢[HK1_DMP_TOP_ADRS_0]          EQ     0
0133     C.                    ¢¢[HK1_DMP_BLOCK_NUM]           EQ     127
0134     C.                    ¢¢[HK1_DMP_REPEAT_NUM]          EQ     0
0135     C.                    ¢¢[HK1_DMA_DMP_PIM]             EQ     DHU
0136  +. DC 01-22 DHU_MODE_CHNG
0137     BC       (07 0b f8)
0138     C.                    ¢¢[HK1_PKT_FORM_NO]             EQ     7
0139     C.                    ¢¢[HK1_PKT_GEN_TIME]            EQ     0.25 s
0140     C.                    ¢¢[HK1_S_TLM_BIT_RATE]          EQ     32k
0141     C.                    ¢¢[HK1_X_TLM_BIT_RATE]          EQ     4M
0142     C.                    ¢¢[HK1_DMP_CHK_FLG]             EQ     EXEC
0143   . C. ¥À¥ó¥×½ªÎ»¤ò³ÎÇ§
0144     C.                    ¢¢[HK1_DMP_CHK_FLG]             EQ     NON
0145   . C. RAM ID=NMOG¤Î¾È¹ç•ë²ÌOK¤ò³ÎÇ§
0146     C.
0147     C. NMOG(0x210000-0x2100FF¡§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148  +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149     BC       (21 00 41 01 02)
0150     C.                    ¢¢[HK1_DMP_TOP_ADRS_1]          EQ     42
0151     C.                    ¢¢[HK1_DMP_TOP_ADRS_0]          EQ     0
0152     C.                    ¢¢[HK1_DMP_BLOCK_NUM]           EQ     65
0153     C.                    ¢¢[HK1_DMP_REPEAT_NUM]          EQ     0
0154     C.                    ¢¢[HK1_DMA_DMP_PIM]             EQ     DHU
0155  +. DC 01-22 DHU_MODE_CHNG
0156     BC       (07 0b f8)
0157     C.                    ¢¢[HK1_PKT_FORM_NO]             EQ     7
0158     C.                    ¢¢[HK1_PKT_GEN_TIME]            EQ     0.25 s
0159     C.                    ¢¢[HK1_S_TLM_BIT_RATE]          EQ     32k
0160     C.                    ¢¢[HK1_X_TLM_BIT_RATE]          EQ     4M
0161     C.                    ¢¢[HK1_DMP_CHK_FLG]             EQ     EXEC
0162   . C. ¥À¥ó¥×½ªÎ»¤ò³ÎÇ§
0163     C.                    ¢¢[HK1_DMP_CHK_FLG]             EQ     NON
0164   . C. RAM ID=NMOG,RAM ID=OP¤Î¾È¹ç•ë²ÌOK¤ò³ÎÇ§
0165     C.
0166   . C. ***** °Ê²¼¤Ï¾Ã´¶Á°¤ËÉ¬¤°Á÷¿® (¾åµ-¥À¥ó¥×¼êº½ç¤òÅÓÃæ¤Ç½ª¤¨¤ë¾ì¹ç¤Ç¤â) *****
0167     C. DHU¥â¡¼¥É¡Ê¼ý½¸¥ì¡¼¥È¡Ë¤òÌá¤¹
0168  +. DC 01-22 DHU_MODE_CHNG
0169     BC       (02 0a f8)
0170     C.                    ¢¢[HK1_PKT_FORM_NO]             EQ     2
0171     C.                    ¢¢[HK1_PKT_GEN_TIME]            EQ     0.5S
0172     C.                    ¢¢[HK1_S_TLM_BIT_RATE]          EQ     32K
0173     C.                    ¢¢[HK1_X_TLM_BIT_RATE]          EQ     4M
0174     C.
0175   . C. *********************************
0176     C. TI-CMD SET (OPOG STOP/COPY/START)
0177     C. *********************************
0178     C.
0179   . C. NOTICE ¡§ OPOG UPLOAD¤¬Á÷¿®NG¤Î¾ì¹ç¡¢°Ê²¼¤ÎTI-CMDÁ÷¿®¤Ï¼Â¹Ô¤•¤Ê¤¤¤³¤È¡£
0180     C.           ¤Þ¤¿¡¢SET¤ÈDUMP¤ÏÆ±°ì¥Ñ¥¹¤Ç¹Ô¤¦¤³¤È¡£
0181     C.
0182   . C. TI¥³¥Þ¥ó¥É¤òÅÐÏ¿(UT)
0183  +. TI 2026-01-27 11:07:00.0
0184     DC 01-B3 DHU_OP_STOP
0185     C.                    ¢¢[HK1_TI_CMD_NUM]              EQ     1COUNTUP
0186     C.
0187  +. TI 2026-01-27 11:07:01.0
0188     DC 01-B4 DHU_OP_COPY
0189     C.                    ¢¢[HK1_TI_CMD_NUM]              EQ     1COUNTUP
0190     C.
0191  +. TI 2026-01-27 11:07:01.0
0192     DC 01-B5 DHU_OPOG_COPY
0193     C.                    ¢¢[HK1_TI_CMD_NUM]              EQ     1COUNTUP
```

```
0194     C.
0195  +. TI 2026-01-27 11:11:59.5
0196     DC 01-B2 DHU_OP_START
0197     C.                    ¢¢[HK1_TI_CMD_NUM]              EQ     1COUNTUP
0198     C.
0199     C. °Ê²¼¤ÏÄê¾ïÍÑ¤Î¥Á¥§¥Ã¥¯¹àÌÜ
0200     C.                    ¢¢[HK1_TI_CMD_ENA/DIS]          EQ     ENA
0201     C.                    ¢¢[HK1_TI_CMD_NUM]              EQ     4
0202     C.                    ¢¢[HK1_NEXT_EXEC_PIM]           EQ     DHU
0203     C.                    ¢¢[HK1_NEXT_EXEC_DC]            EQ     0xB3
0204     C.
0205   . C. ****************************
0206     C. TIÎÎ°è¥À¥ó¥×
0207     C. ****************************
0208     C.
0209     C. TI_TBL(0x03AB00-0x03AEFF¡§ 1024byte)
0210  +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211     BC       (03 ab 03 01 02)
0212     C.                    ¢¢[HK1_DMP_TOP_ADRS_1]          EQ     07
0213     C.                    ¢¢[HK1_DMP_TOP_ADRS_0]          EQ     2B
0214     C.                    ¢¢[HK1_DMP_BLOCK_NUM]           EQ     3
0215     C.                    ¢¢[HK1_DMP_REPEAT_NUM]          EQ     0
0216     C.                    ¢¢[HK1_DMA_DMP_PIM]             EQ     DHU
0217  +. DC 01-22 DHU_MODE_CHNG
0218     BC       (07 0b f8)
0219     C.                    ¢¢[HK1_PKT_FORM_NO]             EQ     7
0220     C.                    ¢¢[HK1_PKT_GEN_TIME]            EQ     0.25 s
0221     C.                    ¢¢[HK1_S_TLM_BIT_RATE]          EQ     32k
0222     C.                    ¢¢[HK1_X_TLM_BIT_RATE]          EQ     4M
0223     C.                    ¢¢[HK1_DMP_CHK_FLG]             EQ     EXEC
0224     C.
0225   . C. ¥À¥ó¥×½ªÎ»¤ò³ÎÇ§
0226     C.                    ¢¢[HK1_DMP_CHK_FLG]             EQ     NON
0227     C.
0228   . C. RAM ID=TI_TBL¤Î¾È¹ç•ë²ÌOK¤ò³ÎÇ§
0229     C.
0230   . C. DHU¥â¡¼¥É¡Ê¼ý½¸¥ì¡¼¥È¡Ë¤òÌá¤¹
0231  +. DC 01-22 DHU_MODE_CHNG
0232     BC       (02 0a f8)
0233     C.                    ¢¢[HK1_PKT_FORM_NO]             EQ     2
0234     C.                    ¢¢[HK1_PKT_GEN_TIME]            EQ     0.5S
0235     C.                    ¢¢[HK1_S_TLM_BIT_RATE]          EQ     32K
0236     C.                    ¢¢[HK1_X_TLM_BIT_RATE]          EQ     4M
0237     C.
0238   . C. Stop EIS observation and temporarily disable EIS mode changes
0239     C.
0240     C.
0241     C. ********** Start EIS operation (TI set) **********
0242     C. Execute, after the success of OP upload.
0243     C. Set EIS TI-commands
0244  +. TI 2026-01-27 11:11:30.0
0245     DC 07-FC EIS_MODE_MANU
0246     BC       (21 02)
0247  +. TI 2026-01-27 11:11:40.0
0248     DC 07-FC EIS_MODE_CHG_DIS
0249     BC       (22)
0250   . C.                     [   ]  [HK1_TI_CMD_NUM]     EQ    2 COUNTUP
0251     C. *********** End EIS operation (TI set) ***********
0252     C.
0253     C.
0254     C.
0255     C. ************ XRT START ***********
0256     C. Execute, after the success of OP upload.
0257  +. TI 2026-01-27 11:11:00.0
0258     DC 07-F0 MDP_XRT_MODE_STBY
0259     BC       (c3)
0260   . C.                     [   ]  [HK1_TI_CMD_NUM]     EQ    1COUNTUP
0261     C.
0262     C. ************ XRT END ***********
0263     C.
0264   . C. ***** MDP ´ûÃÎ¤Î»ö¾Ý¤ËÂÐ¤¹¤ëDCBC•×²è *****
0265     C. (¾å°Ì¥Ó¥Ã¥È¥Þ¥Ë¥å¥¢¥ë¤Ë½¾¤¤¼Â»Ü¤¹¤ë)
0266   . S. DC-BC dcbc-402:DCBC
0267     (MDP_known_event)
0268     C.
0269     C.
0270   . C. ***** ¥Þ¥¹•Ï Daily±¿ÍÑ¤Ë´Ø¤¹¤ëDCBC•×²è *****
0271   . S. DC-BC dcbc-153:DCBC
0272     (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0273     C.
0274     C.
0275   . C. ¡ãLOS¥Á¥§¥Ã¥¯¼Â»Ü¡ä
0276     C.
0277   . C. *********** LOS ***********
0278     C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-763 2026-01-27 14:45:09 94 33 SOLAR-B MAIN //
0001     C.
0002   . C. *********** AOS ***********
0003     C.
0004   . C. ¡ãAOS¥Á¥§¥Ã¥¯¼Â»Ü¡ä
0005     C.
0006     C. ¥À¥ß¡¼¥³¥Þ¥ó¥ÉÁ÷¿®
0007  +. DC 00-00 NULL_DUMMY_CMD
0008     C.
0009   . C. ***** AOCS : Reload orbital element (send every contact) *****
0010     C.  Ãí¡Ë¤¿¤À¤•µ°Æ»Í×ÁÇ¤Î¥¢¥Ã¥×¥í¡¼¥É¡ÊËè½µ•îÍË¡Ë¤Ë¼°ÇÔ¤•¤¿¾ì¹ç¤Ï¡¢À®¸ù¤¹¤ë¤Þ¤ÇÁ÷¿®¤•¤Ê¤¤¤³¤È¡£
0011  +. DC 02-8E AOCU_ORB_UPD
0012     C.
0013     C.
0014   . C. ***** AOCS Commands (Tracking Curve Upload) ******
0015     C. Upload the Orbit Element and the Target Attitude
0016     C. RAM-ID:TARGET_ATT
0017   . S. RAM   ram-150:TARGET_ATT
0018     ()
0019     C.
0020     C.
0021     C. Set the dump memory area of TARGET_ATT
0022  +. DC 02-48 AOCU_DUMP_SET
0023     BC       (07 00 00 00 18 00)
0024     C.
0025     C.    <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0026     C.
0027     C.
0028     C. Change the TLMFormatNo for the AOCS Dump Format
0029  +. DC 01-22 DHU_MODE_CHNG
0030     BC       (04 0b f8)
0031     C.
0032     C. Wait for AOCSDUMP to end
0033     C.
0034   . C. Check the dump memory
0035     C.
0036     C.                                     Result = OK [ ]
0037     C.
0038  +. DC 01-22 DHU_MODE_CHNG
0039     BC       (02 0a f8)
0040     C.
0041     C.                        <A_***>[TLM STS] FMT = 2 [ ]
0042     C.
0043  +. DC 02-8E AOCU_ORB_UPD
0044   . C.
0045   . C. ***** AOCS Commands (Orbital Element Update) *****
0046     C. Update the orbital element
0047  +. DC 02-50 AOCU_ORB_PRPGT_START
0048     BC       (16)
0049  +  DC 02-8E AOCU_ORB_UPD
0050     C.
0051     C.       <A_ORB>[ORBIT] EPC = 5598958.6 +- 1.0 (s) [ ]
0052     C.
0053   . C.
0054   . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0055  +. DC 07-FC EIS_MODE_CHG_ENA
0056     BC       (20)
0057   . C. Verify EIS_MODE_CHG_FLG is ENA
0058  +. DC 07-FC EIS_MODE_MANU
0059     BC       (21 02)
0060   . C. Verify EIS in MANUAL mode
0061   . C. Estimated OBSTBL upload time is 26s
0062     C. *********************************
0063     C. EIS START OBSTBL LOAD
0064     C. *********************************
0065   . S. RAM   ram-820:EIS_OBSTBL
0066     ()
0067  +. DC 07-FC EIS_DUMP_OBSTBL
0068     BC       (07 07 07 00 00 70 00)
0069     C.
0070     C. Execute, after the success of OBSTBL upload.
0071     C. Set EIS TI-commands
0072  +. TI 2026-01-27 11:11:50.0
0073     DC 07-FC EIS_MODE_CHG_ENA
0074     BC       (20)
0075   . C.                     [   ]  [HK1_TI_CMD_NUM]     EQ    1 COUNTUP
0076     C. *********************************
0077     C. EIS END OBSTBL LOAD
0078     C. *********************************
0079     C.
0080   . C. ***** MDP ´ûÃÎ¤Î»ö¾Ý¤ËÂÐ¤¹¤ëDCBC•×²è *****
0081     C. (¾å°Ì¥Ó¥Ã¥È¥Þ¥Ë¥å¥¢¥ë¤Ë½¾¤¤¼Â»Ü¤¹¤ë)
0082   . S. DC-BC dcbc-402:DCBC
0083     (MDP_known_event)
0084     C.
0085     C.
0086   . C. ***** ¥Þ¥¹•Ï Daily±¿ÍÑ¤Ë´Ø¤¹¤ëDCBC•×²è *****
0087   . S. DC-BC dcbc-153:DCBC
0088     (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0089     C.
0090     C.
0091   . C. ¡ãLOS¥Á¥§¥Ã¥¯¼Â»Ü¡ä
0092     C.
0093   . C. *********** LOS ***********
0094     C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-764 2026-01-27 14:45:09 190 33 SOLAR-B MAIN //
0001     C.
0002   . C. *********** AOS ***********
0003     C.
0004   . C. ¡ãAOS¥Á¥$¥Ã¥¯¼Â»Ü¡ä
0005     C.
0006     C. ¥À¥ß¡¼¥³¥Þ¥ó¥ÉÁ÷¿®
0007  +. DC 00-00 NULL_DUMMY_CMD
0008     C.
0009   . C. ***** AOCS : Reload orbital element (send every contact) *****
0010     C.  Ãí¡Ë¤¿¤À¤•µ°Æ»Í×ÁÇ¤Î¥¢¥Ã¥×¥í¡¼¥É¡ÊËè½µ•îÍË¡Ë¤Ë¼°ÇÔ¤•¤¿¾ì¹ç¤Ï¡¢À®¸ù¤¹¤ë¤Þ¤ÇÁ÷¿®¤•¤Ê¤¤¤³¤È¡£
0011  +. DC 02-8E AOCU_ORB_UPD
0012     C.
0013     C.
0014   . C. ****************************
0015     C. XÁ÷¿®µ¡ON
0016     C. ****************************
0017     C. ¢¨ °ÆÀ¸Í×ÈÝ¤äLOS¤Þ¤Ç¤Î»þ´Ö¤ò¹ÍÎ¸¤•¡¢ÉÔÍ×¤ÊXÂÓON¤Ï¹Ô¤Ê¤ï¤Ê¤¤¤³¤È¡£
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.                    ¢¢[HK1_XPA_ON/OFF]              EQ     ON
0025     C.                    ¢¢[HK1_XPA_PWR_HI/LO]           EQ     HI
0026     C.                    ¢¢[HK1_XMOD_ON/OFF]             EQ     ON
0027     C.                    ¢¢[HK1_XMOD_QPSK/PM]            EQ     QPSK
0028     C.
0029   . C. X¥Ð¥ó¥É¥í¥Ã¥¯¾õÂÖ¤¬°ÂÄê¤•¤¿¤é¡¢°Ê²¼¤Î°ÆÀ¸¼ê½ç¤ò¼Â¹Ô¤¹¤ë¡£
0030     C.
0031   . C. ***************
0032     C. DR PT1 ÄÌ¾ï°ÆÀ¸
0033     C. ***************
0034     C. ¢¨ RESTART¡ÊPT1¡Ë¤•¤¿¤¤¾ì¹ç¤Ï¡¢°Ê²¼¤Ï¼Â¹Ô¤»¤°¡¢DCBC-150¤Ø¿Ê¤à¡£
0035     C.
0036   . C. ¡ãPT1°ÆÀ¸³«»Ï¡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.                    ¢¢[HK1_REP_PT_1/2]              EQ     PT1    (¼Â¹Ô¸¡¾¾Ú)
0043     C.                    ¢¢[HK1_REP_STA/STP]             EQ     START  (¼Â¹Ô¸¡¾¾Ú)
0044     C.                    ¢¢[HK1_X_VC4_ON/OFF]            EQ     ON     (¼Â¹Ô¸¡¾¾Ú)
0045     C.
0046   . C. ¡ã¥¢¥ó¥Æ¥ÊÀÚÂØ¡ÊÅ•Ä°²ÓÈò¡Ë¸å¤Î°ÆÀ¸°Æ³«¡ä
0047  +. DC 06-B3 DR_REP_START
0048  +  DC 01-32 DHU_X_VC4_ON
0049     C.                    ¢¢[HK1_REP_PT_1/2]              EQ     PT1    (¼Â¹Ô¸¡¾¾Ú)
0050     C.                    ¢¢[HK1_REP_STA/STP]             EQ     START  (¼Â¹Ô¸¡¾¾Ú)
0051     C.                    ¢¢[HK1_X_VC4_ON/OFF]            EQ     ON     (¼Â¹Ô¸¡¾¾Ú)
0052     C.
0053     C.
0054   . C. PT1°ÆÀ¸¤¬¼«°Ää»ß¤•¤¿¸å¡¢°Ê²¼¤ò¼Â¹Ô¤¹¤ë¡£
0055     C. ¥¢¥ó¥Æ¥ÊÀÚÂØ¤äÅ•Ä°²óÈò¤¬¶á¤¤¾ì¹ç¤Ï´°Î»¤¹¤ë¤Þ¤ÇÂÔ¤Ä¡£
0056     C.
0057   . C. ***************
0058     C. DR PT2 ÄÌ¾ï°ÆÀ¸
0059     C. ***************
0060     C. ¢¨ RESTART¡ÊPT2¡Ë¤•¤¿¤¤¾ì¹ç¤Ï¡¢°Ê²¼¤Ï¼Â¹Ô¤»¤°¡¢DCBC-151¤Ø¿Ê¤à¡£
0061     C.
0062   . C. ¡ãPT2°ÆÀ¸³«»Ï¡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.                    ¢¢[HK1_REP_PT_1/2]              EQ     PT2    (¼Â¹Ô¸¡¾¾Ú)
0069     C.                    ¢¢[HK1_REP_STA/STP]             EQ     START  (¼Â¹Ô¸¡¾¾Ú)
0070     C.                    ¢¢[HK1_X_VC4_ON/OFF]            EQ     ON     (¼Â¹Ô¸¡¾¾Ú)
0071     C.
0072   . C. ¡ã¥¢¥ó¥Æ¥ÊÀÚÂØ¡ÊÅ•Ä°²óÈò¡Ë¸å¤Î°ÆÀ¸°Æ³«¡ä
0073  +. DC 06-B3 DR_REP_START
0074  +  DC 01-32 DHU_X_VC4_ON
0075     C.                    ¢¢[HK1_REP_PT_1/2]              EQ     PT2    (¼Â¹Ô¸¡¾¾Ú)
0076     C.                    ¢¢[HK1_REP_STA/STP]             EQ     START  (¼Â¹Ô¸¡¾¾Ú)
0077     C.                    ¢¢[HK1_X_VC4_ON/OFF]            EQ     ON     (¼Â¹Ô¸¡¾¾Ú)
0078     C.
0079   . C. ****************************
0080     C. DR°ÆÀ¸Ää»ß¡¢XÁ÷¿®µ¡OFF
0081     C. ****************************
0082     C.
0083   . C. ¡ãDR°ÆÀ¸Ää»ß¡ä
0084  +. DC 06-B4 DR_REP_STOP
0085  +  DC 01-29 DHU_S/X_VC4_OFF
0086     C.                    ¢¢[HK1_REP_STA/STP]             EQ     STOP
0087     C.                    ¢¢[HK1_S_VC4_ON/OFF]            EQ     OFF
0088     C.                    ¢¢[HK1_X_VC4_ON/OFF]            EQ     OFF
0089     C.
0090   . C. ¡ãXÁ÷¿®µ¡OFF¡ä
0091  +. DC 03-85 TCIA_XMOD_OFF
0092     M. WAIT_SEC   1
0093  +  DC 03-B5 TCIA_XPA_OFF
0094     C.                    ¢¢[HK1_XMOD_ON/OFF]             EQ     OFF
0095     C.                    ¢¢[HK1_XPA_ON/OFF]              EQ     OFF
```

```
0096     C.
0097     C.
0098     C.
0099     C. ************ XRT START ************
0100     C.
0101  +. DC 07-F0 MDP_XRT_CTRL_MANU
0102     BC       (c1)
0103  +. DC 07-F0 MDP_XRT_CTRL_MANU
0104     BC       (c1)
0105  +  DC 07-F0 MDP_XRT_MODE_STBY
0106     BC       (c3)
0107   . C. ----------- Success Verify ?              OK / NG____
0108     C.
0109     C. XRT Obs. Table Upload
0110   . S. RAM   ram-291:MDP_OBS_X
0111     ()
0112     C.
0113  +. DC 07-F0 MDP_DUMP_XRTTBL
0114     BC       (84 07 00 00 00 3a d4)
0115   . C. ----------- Comparison Check ?                        OK / ERR ____
0116     C.
0117     C.
0118  +. DC 07-F0 MDP_XRT_ROI_SET
0119     BC       (cd 01 b1 b1 04 04)
0120  +  DC 07-F0 MDP_XRT_ROI_SET
0121     BC       (cd 02 b1 b1 08 08)
0122  +  DC 07-F0 MDP_XRT_ROI_SET
0123     BC       (cd 03 b1 b1 08 08)
0124  +  DC 07-F0 MDP_XRT_ROI_SET
0125     BC       (cd 04 b1 b1 06 06)
0126  +  DC 07-F0 MDP_XRT_ROI_SET
0127     BC       (cd 06 80 80 08 08)
0128  +  DC 07-F0 MDP_XRT_ROI_SET
0129     BC       (cd 07 80 80 20 20)
0130  +  DC 07-F0 MDP_XRT_ROI_SET
0131     BC       (cd 08 c0 c0 10 10)
0132  +  DC 07-F0 MDP_XRT_ROI_SET
0133     BC       (cd 09 40 c0 10 10)
0134  +  DC 07-F0 MDP_XRT_ROI_SET
0135     BC       (cd 0a 40 40 10 10)
0136  +  DC 07-F0 MDP_XRT_ROI_SET
0137     BC       (cd 0b c0 40 10 10)
0138  +  DC 07-F0 MDP_XRT_ROI_SET
0139     BC       (cd 0c 80 80 20 08)
0140  +  DC 07-F0 MDP_XRT_ROI_SET
0141     BC       (cd 0d 80 80 08 20)
0142  +  DC 07-F0 MDP_XRT_ROI_SET
0143     BC       (cd 0e 80 60 20 18)
0144  +  DC 07-F0 MDP_XRT_ROI_SET
0145     BC       (cd 0f 80 80 06 06)
0146  +  DC 07-F0 MDP_XRT_ROI_SET
0147     BC       (cd 10 80 80 08 08)
0148  +  DC 07-F0 MDP_XRT_FLD_ENA
0149     BC       (d8)
0150  +  DC 07-F0 MDP_XRT_FLRCTRL_ENA
0151     BC       (c8)
0152  +  DC 07-F0 MDP_XRT_ARS_DIS
0153     BC       (d5)
0154  +  DC 07-F0 MDP_XRT_AEC_RESET
0155     BC       (d0)
0156  +  DC 07-F0 MDP_XRT_FLD_RESET
0157     BC       (da)
0158  +. DC 07-F0 MDP_XRT_QT_PROG_SET
0159     BC       (c4 0b)
0160  +. DC 07-F0 MDP_XRT_FL_PROG_SET
0161     BC       (c5 0e)
0162   . C. ---------- Success Verify ?            OK / NG ____
0163     C.
0164     C.
0165   . C. All OK?   Yes--> Please Proceed. / No --> Stop here.
0166     C.
0167  +. DC 07-F0 MDP_XRT_MODE_OBSV
0168     BC       (c2)
0169  +. TI 2026-01-27 11:11:02.0
0170     DC 07-F0 MDP_XRT_MODE_OBSV
0171     BC       (c2)
0172   . C. ---------- Success Verify ?            OK / NG ____
0173     C.
0174     C. ************ XRT END ***********
0175     C.
0176   . C. ***** MDP ´ûÃÎ¤Î»ö¾Ý¤ËÂÐ¤¹¤ëDCBC•×²è *****
0177     C. (¾å°Ì¥Ó¥Ã¥È¥Þ¥Ë¥å¥¢¥ë¤Ë½¾¤¤¼Â»Ü¤¹¤ë)
0178   . S. DC-BC dcbc-402:DCBC
0179     (MDP_known_event)
0180     C.
0181     C.
0182   . C. ***** ¥Ð¥¹•Ï Daily±¿ÍÑ¤Ë´Ø¤¹¤ëDCBC•×²è *****
0183   . S. DC-BC dcbc-153:DCBC
0184     (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0185     C.
0186     C.
0187   . C. ¡ãLOS¥Á¥§¥Ã¥¯¼Â»Ü¡ä
0188     C.
0189   . C. *********** LOS ***********
0190     C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-765 2026-01-27 14:45:09 29 33 SOLAR-B MAIN //
0001     C.
0002   . C. *********** AOS ***********
0003     C.
0004   . C. ¡ãAOS¥Á¥§¥Ã¥¯¼Â»Ü¡ä
0005     C.
0006     C. ¥À¥ß¡¼¥³¥Þ¥ó¥ÉÁ÷¿®
0007  +. DC 00-00 NULL_DUMMY_CMD
0008     C.
0009   . C. ***** AOCS : Reload orbital element (send every contact) *****
0010     C.  Ãí¡Ë¤¿¤À¤•µ°Æ»Í×ÁÇ¤Î¥¢¥Ã¥×¥í¡¼¥É¡ÊËè½µ•îÍË¡Ë¤Ë¼°ÇÔ¤•¤¿¾ì¹ç¤Ï¡¢À®¸ù¤¹¤ë¤Þ¤ÇÁ÷¿®¤•¤Ê¤¤¤³¤È¡£
0011  +. DC 02-8E AOCU_ORB_UPD
0012     C.
0013     C.
0014     C.
0015   . C. ***** MDP ´ûÃÎ¤Î»ö¾Ý¤ËÂÐ¤¹¤ëDCBC•×²è *****
0016     C. (¾å°Ì¥Ó¥Ã¥È¥Þ¥Ë¥å¥¢¥ë¤Ë½¾¤¤¼Â»Ü¤¹¤ë)
0017   . S. DC-BC dcbc-402:DCBC
0018     (MDP_known_event)
0019     C.
0020     C.
0021   . C. ***** ¥Þ¥¹•Ï Daily±¿ÍÑ¤Ë´Ø¤¹¤ëDCBC•×²è *****
0022   . S. DC-BC dcbc-153:DCBC
0023     (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0024     C.
0025     C.
0026   . C. ¡ãLOS¥Á¥§¥Ã¥¯¼Â»Ü¡ä
0027     C.
0028   . C. *********** LOS ***********
0029     C.
```

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*** OP Sequence for XRT ***

2026/01/27  11:22:00.0  AOCS_ORe-point_Start_1_OG [0x097]
                                    AOCU_NM              5 02-76 00 b4 32 01 f3
2026/01/27  15:02:00.0  AOCS_ORe-point_Start_2_OG [0x098]
                                    AOCU_NM              5 02-76 03 03 33 01 f3
2026/01/28  05:54:30.0  AOCS_ORe-point_Start_3_OG [0x099]
                                    AOCU_NM              5 02-76 00 00 00 00 00
2026/01/28  06:00:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/28  06:00:02.0  XRT_TCIB_XRT_S_HTR_A_DIS_445_OG [0x1bd]
                                    TCIB_XRT_S_HTR_A_DIS 0 04-C0
2026/01/28  06:04:30.0  AOCS_ORe-point_Start_2_OG [0x098]
                                    AOCU_NM              5 02-76 03 03 33 01 f3
2026/01/28  11:58:28.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/28  11:58:30.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/28  11:58:32.0  XRT_FOCUS_RECALIBRATE_407_OG [0x197]
                                    XRT_FOCUS_RECAL      2 07-F8 78 00
2026/01/28  12:00:00.0  AOCS_ORe-point_Start_4_OG [0x09a]
                                    AOCU_NM              5 02-76 00 2e f9 2e f9
2026/01/28  12:02:32.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                    XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/01/28  12:02:52.0  XRT_ARS_DIS_427_OG [0x1ab]
                                    MDP_XRT_ARS_DIS      1 07-F0 d5
2026/01/28  12:02:54.0  XRT_FLRCTRL_DIS_449_OG [0x1c1]
                                    MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2026/01/28  12:02:56.0  XRT_FLD_DIS_432_OG [0x1b0]
                                    MDP_XRT_FLD_DIS      1 07-F0 d9
2026/01/28  12:02:58.0  XRT_QT_PROG_SET_437_OG [0x1b5]
                                    MDP_XRT_QT_PROG_SET  2 07-F0 c4 12
2026/01/28  12:03:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/28  12:09:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/28  12:09:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/28  12:09:58.0  XRT_FOCUS_POSITION_442_OG [0x1ba]
                                    XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/01/28  12:10:00.0  AOCS_ORe-point_Start_5_OG [0x09b]
                                    AOCU_NM              5 02-76 00 2e f9 d1 07
2026/01/28  12:12:52.0  XRT_ARS_DIS_427_OG [0x1ab]
                                    MDP_XRT_ARS_DIS      1 07-F0 d5
2026/01/28  12:12:54.0  XRT_FLRCTRL_DIS_449_OG [0x1c1]
                                    MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2026/01/28  12:12:56.0  XRT_FLD_DIS_432_OG [0x1b0]
                                    MDP_XRT_FLD_DIS      1 07-F0 d9
2026/01/28  12:12:58.0  XRT_QT_PROG_SET_433_OG [0x1b1]
                                    MDP_XRT_QT_PROG_SET  2 07-F0 c4 11
2026/01/28  12:13:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/28  12:19:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/28  12:19:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/28  12:19:58.0  XRT_FOCUS_POSITION_442_OG [0x1ba]
                                    XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/01/28  12:20:00.0  AOCS_ORe-point_Start_6_OG [0x09c]
                                    AOCU_NM              5 02-76 00 d1 07 d1 07
2026/01/28  12:22:52.0  XRT_ARS_DIS_427_OG [0x1ab]
                                    MDP_XRT_ARS_DIS      1 07-F0 d5
2026/01/28  12:22:54.0  XRT_FLRCTRL_DIS_449_OG [0x1c1]
                                    MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2026/01/28  12:22:56.0  XRT_FLD_DIS_432_OG [0x1b0]
                                    MDP_XRT_FLD_DIS      1 07-F0 d9
2026/01/28  12:22:58.0  XRT_QT_PROG_SET_446_OG [0x1be]
                                    MDP_XRT_QT_PROG_SET  2 07-F0 c4 10
2026/01/28  12:23:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/28  12:29:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/28  12:29:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/28  12:29:58.0  XRT_FOCUS_POSITION_442_OG [0x1ba]
                                    XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/01/28  12:30:00.0  AOCS_ORe-point_Start_7_OG [0x09d]
                                    AOCU_NM              5 02-76 00 d1 07 2e f9
2026/01/28  12:32:52.0  XRT_ARS_DIS_427_OG [0x1ab]
                                    MDP_XRT_ARS_DIS      1 07-F0 d5
2026/01/28  12:32:54.0  XRT_FLRCTRL_DIS_449_OG [0x1c1]
                                    MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2026/01/28  12:32:56.0  XRT_FLD_DIS_432_OG [0x1b0]
                                    MDP_XRT_FLD_DIS      1 07-F0 d9
2026/01/28  12:32:58.0  XRT_QT_PROG_SET_441_OG [0x1b9]
                                    MDP_XRT_QT_PROG_SET  2 07-F0 c4 0f
2026/01/28  12:33:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/28  12:39:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/28  12:39:56.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                    XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/01/28  12:40:00.0  AOCS_ORe-point_Start_3_OG [0x099]
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                                        AOCU_NM              5 02-76 00 00 00 00 00
2026/01/28  12:40:16.0  XRT_FLD_DIS_409_OG [0x199]
                                        MDP_XRT_FLD_DIS      1 07-F0 d9
2026/01/28  12:40:18.0  XRT_FLRCTRL_DIS_413_OG [0x19d]
                                        MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2026/01/28  12:40:20.0  XRT_ARS_DIS_425_OG [0x1a9]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/01/28  12:42:58.0  XRT_QT_PROG_SET_421_OG [0x1a5]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 06
2026/01/28  12:43:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/28  12:49:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/28  12:49:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/28  12:49:58.0  XRT_FOCUS_POSITION_414_OG [0x19e]
                                        XRT_FOCUS_POSITION   4 07-F8 22 fe 97 00
2026/01/28  12:50:00.0  AOCS_ORe-point_Start_8_OG [0x09e]
                                        AOCU_NM              5 02-76 00 ad 59 00 00
2026/01/28  12:50:18.0  XRT_FLD_DIS_420_OG [0x1a4]
                                        MDP_XRT_FLD_DIS      1 07-F0 d9
2026/01/28  13:04:54.0  XRT_FLRCTRL_DIS_413_OG [0x19d]
                                        MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2026/01/28  13:04:56.0  XRT_ARS_DIS_427_OG [0x1ab]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/01/28  13:04:58.0  XRT_QT_PROG_SET_438_OG [0x1b6]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 14
2026/01/28  13:05:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/28  14:49:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/28  14:49:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/28  14:49:58.0  XRT_ROI_A_405_OG [0x195]
                                        MDP_XRT_ROI_SET      6 07-F0 cd 06 80 80 08 08
                                        MDP_XRT_ROI_SET      6 07-F0 cd 07 80 80 20 20
                                        MDP_XRT_ROI_SET      6 07-F0 cd 08 a0 80 18 20
                                        MDP_XRT_ROI_SET      6 07-F0 cd 09 85 83 06 06
                                        MDP_XRT_ROI_SET      6 07-F0 cd 0a 85 83 08 08
                                        MDP_XRT_ROI_SET      6 07-F0 cd 0c 80 80 20 08
                                        MDP_XRT_ROI_SET      6 07-F0 cd 0d 80 80 08 20
                                        MDP_XRT_ROI_SET      6 07-F0 cd 0f 80 80 06 06
2026/01/28  14:49:58.5  XRT_ROI_B_416_OG [0x1a0]
                                        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
2026/01/28  14:50:00.0  AOCS_ORe-point_Start_9_OG [0x09f]
                                        AOCU_NM              5 02-76 00 00 00 56 35
2026/01/28  14:50:03.5  XRT_FOCUS_POSITION_429_OG [0x1ad]
                                        XRT_FOCUS_POSITION   4 07-F8 22 fe 97 00
2026/01/28  14:50:23.5  XRT_FLD_DIS_420_OG [0x1a4]
                                        MDP_XRT_FLD_DIS      1 07-F0 d9
2026/01/28  15:04:59.5  XRT_ARS_DIS_427_OG [0x1ab]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/01/28  15:05:01.5  XRT_FLRCTRL_DIS_449_OG [0x1c1]
                                        MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2026/01/28  15:05:03.5  XRT_QT_PROG_SET_443_OG [0x1bb]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 13
2026/01/28  15:05:05.5  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/28  15:11:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/28  15:11:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/28  15:11:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/28  15:14:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/28  15:15:30.0  XRT_Custom_430_OG [0x1ae]
2026/01/28  15:16:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/28  16:42:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/28  16:42:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/28  16:42:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/28  16:45:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/28  16:49:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/28  16:49:56.0  XRT_FOCUS_POSITION_414_OG [0x19e]
                                        XRT_FOCUS_POSITION   4 07-F8 22 fe 97 00
2026/01/28  16:50:00.0  AOCS_ORe-point_Start_2_OG [0x098]
                                        AOCU_NM              5 02-76 03 03 33 01 f3
2026/01/28  16:50:16.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2026/01/28  16:50:18.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/01/28  16:50:20.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2026/01/28  16:50:22.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/01/28  16:50:24.0  XRT_FLD_RESET_410_OG [0x19a]
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                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/28  16:52:56.0  XRT_QT_PROG_SET_436_OG [0x1b4]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 09
2026/01/28  16:52:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/01/28  17:06:00.0  XRT_Custom_430_OG [0x1ae]
2026/01/28  17:07:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/28  17:54:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/28  17:54:56.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/01/28  17:55:00.0  AOCS_ORe-point_Start_3_OG [0x099]
                                        AOCU_NM              5 02-76 00 00 00 00 00
2026/01/28  17:55:16.0  XRT_FLD_DIS_409_OG [0x199]
                                        MDP_XRT_FLD_DIS      1 07-F0 d9
2026/01/28  17:55:18.0  XRT_FLRCTRL_DIS_413_OG [0x19d]
                                        MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2026/01/28  17:55:20.0  XRT_ARS_DIS_425_OG [0x1a9]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/01/28  17:57:58.0  XRT_QT_PROG_SET_421_OG [0x1a5]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 06
2026/01/28  17:58:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/28  18:04:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/28  18:04:56.0  XRT_FOCUS_POSITION_414_OG [0x19e]
                                        XRT_FOCUS_POSITION   4 07-F8 22 fe 97 00
2026/01/28  18:05:00.0  AOCS_ORe-point_Start_2_OG [0x098]
                                        AOCU_NM              5 02-76 03 03 33 01 f3
2026/01/28  18:05:16.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2026/01/28  18:05:18.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/01/28  18:05:20.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2026/01/28  18:05:22.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/01/28  18:05:24.0  XRT_FLD_RESET_410_OG [0x19a]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/28  18:07:56.0  XRT_QT_PROG_SET_436_OG [0x1b4]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 09
2026/01/28  18:07:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/01/28  18:08:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/28  18:19:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/28  18:19:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/28  18:19:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/28  18:22:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/28  18:42:30.0  XRT_Custom_430_OG [0x1ae]
2026/01/28  18:43:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/28  19:55:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/28  19:55:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/28  19:55:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/28  19:58:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/28  20:19:00.0  XRT_Custom_430_OG [0x1ae]
2026/01/28  20:20:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/28  21:32:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/28  21:32:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/28  21:32:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/28  21:35:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/28  21:56:00.0  XRT_Custom_430_OG [0x1ae]
2026/01/28  21:57:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/28  23:09:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/28  23:09:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/28  23:09:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/28  23:12:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/28  23:31:30.0  XRT_Custom_430_OG [0x1ae]
2026/01/28  23:32:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/29  00:46:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/29  00:46:32.0  XRT_FLD_RESET_415_OG [0x19f]
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                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/29  00:46:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/29  00:49:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/29  00:57:00.0  XRT_Custom_430_OG [0x1ae]
2026/01/29  00:58:00.5  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/29  02:12:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/29  02:12:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/29  02:12:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/29  02:15:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/29  02:29:30.0  XRT_Custom_430_OG [0x1ae]
2026/01/29  02:30:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/29  03:45:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/29  03:45:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/29  03:45:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/29  03:48:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/29  03:59:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/29  03:59:56.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/01/29  04:00:00.0  AOCS_ORe-point_Start_3_OG [0x099]
                                        AOCU_NM              5 02-76 00 00 00 00 00
2026/01/29  04:00:16.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2026/01/29  04:00:18.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/01/29  04:00:20.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2026/01/29  04:00:22.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/01/29  04:00:24.0  XRT_FLD_RESET_410_OG [0x19a]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/29  04:02:56.0  XRT_QT_PROG_SET_444_OG [0x1bc]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 02
2026/01/29  04:02:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/01/29  04:05:30.0  XRT_Custom_430_OG [0x1ae]
2026/01/29  04:06:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/29  05:13:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/29  05:13:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/29  05:13:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/29  05:16:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/29  05:42:30.0  XRT_Custom_430_OG [0x1ae]
2026/01/29  05:43:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/29  06:02:00.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/29  06:02:02.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/01/29  06:02:22.0  XRT_FLD_DIS_409_OG [0x199]
                                        MDP_XRT_FLD_DIS      1 07-F0 d9
2026/01/29  06:02:24.0  XRT_FLRCTRL_DIS_413_OG [0x19d]
                                        MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2026/01/29  06:02:26.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/01/29  06:02:28.0  XRT_QT_PROG_SET_421_OG [0x1a5]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 06
2026/01/29  06:02:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/29  06:09:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/29  06:09:56.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/01/29  06:10:00.0  AOCS_ORe-point_Start_10_OG [0x0a0]
                                        AOCU_NM              5 02-76 01 03 33 01 f3
2026/01/29  06:10:16.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2026/01/29  06:10:18.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/01/29  06:10:20.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2026/01/29  06:10:22.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/01/29  06:10:24.0  XRT_FLD_RESET_410_OG [0x19a]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/29  06:12:56.0  XRT_QT_PROG_SET_404_OG [0x194]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 08
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2026/01/29  06:12:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/01/29  06:13:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/29  06:53:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/29  06:53:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/29  06:53:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/29  06:56:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/29  07:20:00.5  XRT_Custom_430_OG [0x1ae]
2026/01/29  07:21:00.5  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/29  08:33:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/29  08:33:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/29  08:33:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/29  08:36:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/29  08:56:30.0  XRT_Custom_430_OG [0x1ae]
2026/01/29  08:57:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/29  10:13:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/29  10:13:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/29  10:13:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/29  10:16:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/29  10:32:00.0  XRT_Custom_430_OG [0x1ae]
2026/01/29  10:33:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/29  11:59:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/29  11:59:56.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/01/29  12:00:00.0  AOCS_ORe-point_Start_11_OG [0x0a1]
                                        AOCU_NM              5 02-76 00 49 99 01 f3
2026/01/29  12:00:16.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2026/01/29  12:00:18.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/01/29  12:00:20.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2026/01/29  12:00:22.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/01/29  12:00:24.0  XRT_FLD_RESET_410_OG [0x19a]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/29  12:02:56.0  XRT_QT_PROG_SET_447_OG [0x1bf]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 0b
2026/01/29  12:02:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/01/29  12:03:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/29  15:39:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/29  15:39:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/29  15:39:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/29  15:39:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/29  15:39:56.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/01/29  15:40:00.0  AOCS_ORe-point_Start_12_OG [0x0a2]
                                        AOCU_NM              5 02-76 00 e3 af b2 b9
2026/01/29  15:40:16.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2026/01/29  15:40:18.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/01/29  15:40:20.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2026/01/29  15:40:22.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/01/29  15:40:24.0  XRT_FLD_RESET_410_OG [0x19a]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/29  15:42:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/29  15:42:56.0  XRT_QT_PROG_SET_404_OG [0x194]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 08
2026/01/29  15:42:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/01/29  15:50:00.0  XRT_Custom_430_OG [0x1ae]
2026/01/29  15:51:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/29  17:13:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/29  17:13:32.0  XRT_FLD_RESET_415_OG [0x19f]
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                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/29  17:13:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/29  17:16:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/29  17:37:00.0  XRT_Custom_430_OG [0x1ae]
2026/01/29  17:38:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/29  17:52:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/29  17:52:56.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/01/29  17:53:00.0  AOCS_ORe-point_Start_3_OG [0x099]
                                        AOCU_NM              5 02-76 00 00 00 00 00
2026/01/29  17:53:16.0  XRT_FLD_DIS_409_OG [0x199]
                                        MDP_XRT_FLD_DIS      1 07-F0 d9
2026/01/29  17:53:18.0  XRT_FLRCTRL_DIS_413_OG [0x19d]
                                        MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2026/01/29  17:53:20.0  XRT_ARS_DIS_425_OG [0x1a9]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/01/29  17:55:58.0  XRT_QT_PROG_SET_421_OG [0x1a5]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 06
2026/01/29  17:56:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/29  18:02:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/29  18:02:56.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/01/29  18:03:00.0  AOCS_ORe-point_Start_12_OG [0x0a2]
                                        AOCU_NM              5 02-76 00 e3 af b2 b9
2026/01/29  18:03:16.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2026/01/29  18:03:18.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/01/29  18:03:20.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2026/01/29  18:03:22.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/01/29  18:03:24.0  XRT_FLD_RESET_410_OG [0x19a]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/29  18:05:56.0  XRT_QT_PROG_SET_404_OG [0x194]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 08
2026/01/29  18:05:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/01/29  18:06:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/29  18:50:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/29  18:50:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/29  18:50:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/29  18:53:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/29  19:13:30.0  XRT_Custom_430_OG [0x1ae]
2026/01/29  19:14:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/29  20:27:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/29  20:27:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/29  20:27:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/29  20:30:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/29  20:50:00.0  XRT_Custom_430_OG [0x1ae]
2026/01/29  20:51:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/29  20:59:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/29  20:59:56.0  XRT_FOCUS_POSITION_414_OG [0x19e]
                                        XRT_FOCUS_POSITION   4 07-F8 22 fe 97 00
2026/01/29  21:00:16.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2026/01/29  21:00:18.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/01/29  21:00:20.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2026/01/29  21:00:22.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/01/29  21:00:24.0  XRT_FLD_RESET_410_OG [0x19a]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/29  21:02:56.0  XRT_QT_PROG_SET_417_OG [0x1a1]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 03
2026/01/29  21:02:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/01/29  21:03:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/29  22:04:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/29  22:04:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/29  22:04:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
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                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/29  22:07:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/29  22:27:00.0  XRT_Custom_430_OG [0x1ae]
2026/01/29  22:28:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/29  23:41:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/29  23:41:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/29  23:41:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/29  23:44:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/30  00:02:00.0  XRT_Custom_430_OG [0x1ae]
2026/01/30  00:03:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/30  01:18:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/30  01:18:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/30  01:18:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/30  01:21:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/30  01:26:00.0  XRT_Custom_430_OG [0x1ae]
2026/01/30  01:27:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/30  02:41:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/30  02:41:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/30  02:41:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/30  02:44:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/30  03:00:30.0  XRT_Custom_430_OG [0x1ae]
2026/01/30  03:01:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/30  04:16:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/30  04:16:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/30  04:16:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/30  04:19:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/30  04:37:00.0  XRT_Custom_430_OG [0x1ae]
2026/01/30  04:38:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/30  05:46:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/30  05:46:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/30  05:46:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/30  05:49:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/30  06:14:30.0  XRT_Custom_430_OG [0x1ae]
2026/01/30  06:15:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/30  06:23:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/30  06:23:26.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/01/30  06:23:30.0  AOCS_ORe-point_Start_3_OG [0x099]
                                        AOCU_NM              5 02-76 00 00 00 00 00
2026/01/30  06:23:46.0  XRT_FLD_DIS_409_OG [0x199]
                                        MDP_XRT_FLD_DIS      1 07-F0 d9
2026/01/30  06:23:48.0  XRT_FLRCTRL_DIS_413_OG [0x19d]
                                        MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2026/01/30  06:23:50.0  XRT_ARS_DIS_425_OG [0x1a9]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/01/30  06:26:28.0  XRT_QT_PROG_SET_421_OG [0x1a5]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 06
2026/01/30  06:26:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/30  06:33:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/30  06:33:26.0  XRT_FOCUS_POSITION_414_OG [0x19e]
                                        XRT_FOCUS_POSITION   4 07-F8 22 fe 97 00
2026/01/30  06:33:30.0  AOCS_ORe-point_Start_2_OG [0x098]
                                        AOCU_NM              5 02-76 03 03 33 01 f3
2026/01/30  06:33:46.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2026/01/30  06:33:48.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/01/30  06:33:50.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2026/01/30  06:33:52.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/01/30  06:33:54.0  XRT_FLD_RESET_410_OG [0x19a]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
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2026/01/30  06:36:26.0  XRT_QT_PROG_SET_436_OG [0x1b4]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 09
2026/01/30  06:36:28.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/01/30  06:36:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/30  07:26:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/30  07:26:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/30  07:26:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/30  07:29:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/30  07:51:30.0  XRT_Custom_430_OG [0x1ae]
2026/01/30  07:52:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/30  09:06:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/30  09:06:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/30  09:06:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/30  09:09:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/30  09:28:00.0  XRT_Custom_430_OG [0x1ae]
2026/01/30  09:29:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/30  10:46:00.5  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/30  10:46:02.5  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/30  10:46:04.5  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/30  10:49:14.5  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/30  11:02:00.0  XRT_Custom_430_OG [0x1ae]
2026/01/30  11:03:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/30  16:09:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/30  16:09:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/30  16:09:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/30  16:12:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/30  16:23:00.0  XRT_Custom_430_OG [0x1ae]
2026/01/30  16:24:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/30  16:30:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/30  16:30:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/30  16:30:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/30  16:32:00.0  XRT_Custom_430_OG [0x1ae]
2026/01/30  16:33:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/30  16:33:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/30  17:45:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/30  17:45:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/30  17:45:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/30  17:48:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/30  18:08:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/30  18:08:26.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/01/30  18:08:30.0  AOCS_ORe-point_Start_3_OG [0x099]
                                        AOCU_NM              5 02-76 00 00 00 00 00
2026/01/30  18:08:46.0  XRT_FLD_DIS_409_OG [0x199]
                                        MDP_XRT_FLD_DIS      1 07-F0 d9
2026/01/30  18:08:48.0  XRT_FLRCTRL_DIS_413_OG [0x19d]
                                        MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2026/01/30  18:08:50.0  XRT_ARS_DIS_425_OG [0x1a9]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/01/30  18:11:28.0  XRT_QT_PROG_SET_421_OG [0x1a5]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 06
2026/01/30  18:11:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/30  18:18:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/30  18:18:26.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/01/30  18:18:30.5  AOCS_ORe-point_Start_13_OG [0x0a3]
                                        AOCU_NM              5 02-76 04 03 33 01 f3
2026/01/30  18:18:46.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
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2026/01/30  18:18:48.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/01/30  18:18:50.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2026/01/30  18:18:52.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/01/30  18:18:54.0  XRT_FLD_RESET_410_OG [0x19a]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/30  18:21:26.0  XRT_QT_PROG_SET_404_OG [0x194]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 08
2026/01/30  18:21:28.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/01/30  18:21:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/30  19:22:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/30  19:22:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/30  19:22:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/30  19:25:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/30  19:45:00.5  XRT_Custom_430_OG [0x1ae]
2026/01/30  19:46:00.5  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/30  20:58:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/30  20:58:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/30  20:58:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/30  21:01:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/30  21:22:00.0  XRT_Custom_430_OG [0x1ae]
2026/01/30  21:23:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/30  22:35:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/30  22:35:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/30  22:35:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/30  22:38:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/30  22:58:00.0  XRT_Custom_430_OG [0x1ae]
2026/01/30  22:59:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/31  00:12:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/31  00:12:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/31  00:12:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/31  00:15:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/31  00:29:00.0  XRT_Custom_430_OG [0x1ae]
2026/01/31  00:30:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/31  01:47:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/31  01:47:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/31  01:47:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/31  01:50:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/31  01:56:00.0  XRT_Custom_430_OG [0x1ae]
2026/01/31  01:57:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/31  03:11:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/31  03:11:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/31  03:11:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/31  03:14:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/31  03:31:30.0  XRT_Custom_430_OG [0x1ae]
2026/01/31  03:32:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/31  03:59:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/31  03:59:56.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/01/31  04:00:00.0  AOCS_ORe-point_Start_3_OG [0x099]
                                        AOCU_NM              5 02-76 00 00 00 00 00
2026/01/31  04:00:16.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2026/01/31  04:00:18.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/01/31  04:00:20.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2026/01/31  04:00:22.0  XRT_ARS_DIS_423_OG [0x1a7]
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                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/01/31  04:00:24.0  XRT_FLD_RESET_410_OG [0x19a]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/31  04:02:56.0  XRT_QT_PROG_SET_444_OG [0x1bc]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 02
2026/01/31  04:02:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/01/31  04:03:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/31  04:41:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/31  04:41:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/31  04:41:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/31  04:44:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/31  05:08:30.0  XRT_Custom_430_OG [0x1ae]
2026/01/31  05:09:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/31  05:54:00.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/31  05:54:02.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/01/31  05:54:22.0  XRT_FLD_DIS_409_OG [0x199]
                                        MDP_XRT_FLD_DIS      1 07-F0 d9
2026/01/31  05:54:24.0  XRT_FLRCTRL_DIS_413_OG [0x19d]
                                        MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2026/01/31  05:54:26.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/01/31  05:54:28.0  XRT_QT_PROG_SET_421_OG [0x1a5]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 06
2026/01/31  05:54:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/31  06:01:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/31  06:01:56.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/01/31  06:02:00.0  AOCS_ORe-point_Start_13_OG [0x0a3]
                                        AOCU_NM              5 02-76 04 03 33 01 f3
2026/01/31  06:02:16.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2026/01/31  06:02:18.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/01/31  06:02:20.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2026/01/31  06:02:22.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/01/31  06:02:24.0  XRT_FLD_RESET_410_OG [0x19a]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/31  06:04:56.0  XRT_QT_PROG_SET_404_OG [0x194]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 08
2026/01/31  06:04:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/01/31  06:05:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/31  06:18:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/31  06:18:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/31  06:18:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/31  06:21:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/31  06:46:00.0  XRT_Custom_430_OG [0x1ae]
2026/01/31  06:47:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/31  07:58:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/31  07:58:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/31  07:58:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/31  08:01:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/31  08:23:00.0  XRT_Custom_430_OG [0x1ae]
2026/01/31  08:24:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/31  09:38:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/31  09:38:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/31  09:38:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/31  09:41:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/31  09:59:00.0  XRT_Custom_430_OG [0x1ae]
2026/01/31  10:00:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/31  11:19:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/31  11:19:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
```

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2026/01/31  11:19:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/31  11:22:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/31  11:29:30.0  XRT_Custom_430_OG [0x1ae]
2026/01/31  11:30:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/31  15:09:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/31  15:09:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/31  15:09:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/31  15:12:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/31  15:12:30.0  XRT_Custom_430_OG [0x1ae]
2026/01/31  15:13:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/31  16:40:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/31  16:40:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/31  16:40:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/31  16:43:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/31  17:03:30.0  XRT_Custom_430_OG [0x1ae]
2026/01/31  17:04:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/31  17:52:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/31  17:52:26.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/01/31  17:52:30.0  AOCS_ORe-point_Start_3_OG [0x099]
                                        AOCU_NM              5 02-76 00 00 00 00 00
2026/01/31  17:52:46.0  XRT_FLD_DIS_409_OG [0x199]
                                        MDP_XRT_FLD_DIS      1 07-F0 d9
2026/01/31  17:52:48.0  XRT_FLRCTRL_DIS_413_OG [0x19d]
                                        MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2026/01/31  17:52:50.0  XRT_ARS_DIS_425_OG [0x1a9]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/01/31  17:55:28.0  XRT_QT_PROG_SET_421_OG [0x1a5]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 06
2026/01/31  17:55:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/31  18:02:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/31  18:02:26.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/01/31  18:02:30.0  AOCS_ORe-point_Start_13_OG [0x0a3]
                                        AOCU_NM              5 02-76 04 03 33 01 f3
2026/01/31  18:02:46.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2026/01/31  18:02:48.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/01/31  18:02:50.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2026/01/31  18:02:52.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/01/31  18:02:54.0  XRT_FLD_RESET_410_OG [0x19a]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/31  18:05:26.0  XRT_QT_PROG_SET_404_OG [0x194]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 08
2026/01/31  18:05:28.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/01/31  18:05:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/31  18:16:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/31  18:16:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/31  18:16:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/31  18:19:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/31  18:40:00.0  XRT_Custom_430_OG [0x1ae]
2026/01/31  18:41:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/31  19:53:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/31  19:53:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/31  19:53:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/31  19:56:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/31  20:16:30.0  XRT_Custom_430_OG [0x1ae]
2026/01/31  20:17:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/31  21:30:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/31  21:30:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
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2026/01/31  21:30:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                    MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/31  21:33:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                    MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/31  21:53:30.0  XRT_Custom_430_OG [0x1ae]
2026/01/31  21:54:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/01/31  23:07:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/01/31  23:07:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2026/01/31  23:07:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                    MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/01/31  23:10:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                    MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/01/31  23:29:00.0  XRT_Custom_430_OG [0x1ae]
2026/01/31  23:30:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/01  00:44:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/01  00:44:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/01  00:44:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                    MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/01  00:47:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                    MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/01  00:55:00.0  XRT_Custom_430_OG [0x1ae]
2026/02/01  00:56:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/01  02:10:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/01  02:10:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/01  02:10:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                    MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/01  02:13:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                    MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/01  02:27:00.0  XRT_Custom_430_OG [0x1ae]
2026/02/01  02:28:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/01  03:42:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/01  03:42:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/01  03:42:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                    MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/01  03:45:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                    MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/01  03:59:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/01  03:59:56.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                    XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/02/01  04:00:00.0  AOCS_ORe-point_Start_3_OG [0x099]
                                    AOCU_NM              5 02-76 00 00 00 00 00
2026/02/01  04:00:16.0  XRT_FLD_ENA_411_OG [0x19b]
                                    MDP_XRT_FLD_ENA      1 07-F0 d8
2026/02/01  04:00:18.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                    MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/02/01  04:00:20.0  XRT_AEC_RESET_448_OG [0x1c0]
                                    MDP_XRT_AEC_RESET    1 07-F0 d0
2026/02/01  04:00:22.0  XRT_ARS_DIS_423_OG [0x1a7]
                                    MDP_XRT_ARS_DIS      1 07-F0 d5
2026/02/01  04:00:24.0  XRT_FLD_RESET_410_OG [0x19a]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/01  04:02:56.0  XRT_QT_PROG_SET_444_OG [0x1bc]
                                    MDP_XRT_QT_PROG_SET  2 07-F0 c4 02
2026/02/01  04:02:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                    MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/02/01  04:03:00.0  XRT_Custom_430_OG [0x1ae]
2026/02/01  04:04:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/01  05:11:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/01  05:11:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/01  05:11:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                    MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/01  05:14:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                    MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/01  05:40:00.5  XRT_Custom_430_OG [0x1ae]
2026/02/01  05:41:00.5  XRT_CTRL_AUTO_424_OG [0x1a8]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/01  06:02:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/01  06:02:56.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                    XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/02/01  06:03:16.0  XRT_FLD_DIS_409_OG [0x199]
                                    MDP_XRT_FLD_DIS      1 07-F0 d9
2026/02/01  06:03:18.0  XRT_FLRCTRL_DIS_413_OG [0x19d]
                                    MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2026/02/01  06:03:20.0  XRT_ARS_DIS_423_OG [0x1a7]
                                    MDP_XRT_ARS_DIS      1 07-F0 d5
2026/02/01  06:03:22.0  XRT_QT_PROG_SET_421_OG [0x1a5]
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                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 06
2026/02/01  06:03:24.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/01  06:09:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/01  06:09:56.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/02/01  06:10:00.0  AOCS_ORe-point_Start_13_OG [0x0a3]
                                        AOCU_NM              5 02-76 04 03 33 01 f3
2026/02/01  06:10:16.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2026/02/01  06:10:18.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/02/01  06:10:20.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2026/02/01  06:10:22.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/02/01  06:10:24.0  XRT_FLD_RESET_410_OG [0x19a]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/01  06:12:56.0  XRT_QT_PROG_SET_447_OG [0x1bf]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 0b
2026/02/01  06:12:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/02/01  06:13:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/01  06:51:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/01  06:51:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/01  06:51:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/01  06:54:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/01  07:17:30.0  XRT_Custom_430_OG [0x1ae]
2026/02/01  07:18:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/01  08:31:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/01  08:31:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/01  08:31:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/01  08:34:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/01  08:54:30.0  XRT_Custom_430_OG [0x1ae]
2026/02/01  08:55:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/01  10:10:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/01  10:10:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/01  10:10:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/01  10:13:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/01  10:29:30.0  XRT_Custom_430_OG [0x1ae]
2026/02/01  10:30:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/01  11:53:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/01  11:53:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/01  11:53:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/01  11:54:00.0  XRT_Custom_430_OG [0x1ae]
2026/02/01  11:55:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/01  11:56:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/01  15:37:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/01  15:37:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/01  15:37:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/01  15:40:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/01  15:47:30.0  XRT_Custom_430_OG [0x1ae]
2026/02/01  15:48:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/01  17:11:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/01  17:11:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/01  17:11:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/01  17:14:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/01  17:35:00.0  XRT_Custom_430_OG [0x1ae]
2026/02/01  17:36:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/01  18:04:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
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2026/02/01  18:04:56.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                    XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/02/01  18:05:00.0  AOCS_ORe-point_Start_3_OG [0x099]
                                    AOCU_NM              5 02-76 00 00 00 00 00
2026/02/01  18:05:16.0  XRT_FLD_DIS_409_OG [0x199]
                                    MDP_XRT_FLD_DIS      1 07-F0 d9
2026/02/01  18:05:18.0  XRT_FLRCTRL_DIS_413_OG [0x19d]
                                    MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2026/02/01  18:05:20.0  XRT_ARS_DIS_425_OG [0x1a9]
                                    MDP_XRT_ARS_DIS      1 07-F0 d5
2026/02/01  18:07:58.0  XRT_QT_PROG_SET_421_OG [0x1a5]
                                    MDP_XRT_QT_PROG_SET  2 07-F0 c4 06
2026/02/01  18:08:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/01  18:14:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/01  18:14:56.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                    XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/02/01  18:15:00.0  AOCS_ORe-point_Start_13_OG [0x0a3]
                                    AOCU_NM              5 02-76 04 03 33 01 f3
2026/02/01  18:15:16.0  XRT_FLD_ENA_411_OG [0x19b]
                                    MDP_XRT_FLD_ENA      1 07-F0 d8
2026/02/01  18:15:18.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                    MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/02/01  18:15:20.0  XRT_AEC_RESET_448_OG [0x1c0]
                                    MDP_XRT_AEC_RESET    1 07-F0 d0
2026/02/01  18:15:22.0  XRT_ARS_DIS_423_OG [0x1a7]
                                    MDP_XRT_ARS_DIS      1 07-F0 d5
2026/02/01  18:15:24.0  XRT_FLD_RESET_410_OG [0x19a]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/01  18:17:56.0  XRT_QT_PROG_SET_447_OG [0x1bf]
                                    MDP_XRT_QT_PROG_SET  2 07-F0 c4 0b
2026/02/01  18:17:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                    MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/02/01  18:18:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/01  18:48:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/01  18:48:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/01  18:48:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                    MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/01  18:51:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                    MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/01  19:11:00.0  XRT_Custom_430_OG [0x1ae]
2026/02/01  19:12:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/01  20:24:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/01  20:24:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/01  20:24:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                    MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/01  20:27:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                    MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/01  20:47:30.0  XRT_Custom_430_OG [0x1ae]
2026/02/01  20:48:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/01  22:01:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/01  22:01:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/01  22:01:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                    MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/01  22:04:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                    MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/01  22:24:30.0  XRT_Custom_430_OG [0x1ae]
2026/02/01  22:25:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/01  23:38:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/01  23:38:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/01  23:38:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                    MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/01  23:41:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                    MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/01  23:59:30.0  XRT_Custom_430_OG [0x1ae]
2026/02/02  00:00:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/02  01:15:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/02  01:15:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/02  01:15:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                    MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/02  01:18:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                    MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/02  01:23:30.0  XRT_Custom_430_OG [0x1ae]
2026/02/02  01:24:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/02  02:39:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
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2026/02/02  02:39:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/02  02:39:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/02  02:42:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/02  02:58:00.0  XRT_Custom_430_OG [0x1ae]
2026/02/02  02:59:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/02  03:59:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/02  03:59:56.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/02/02  04:00:00.0  AOCS_ORe-point_Start_3_OG [0x099]
                                        AOCU_NM              5 02-76 00 00 00 00 00
2026/02/02  04:00:16.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2026/02/02  04:00:18.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/02/02  04:00:20.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2026/02/02  04:00:22.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/02/02  04:00:24.0  XRT_FLD_RESET_410_OG [0x19a]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/02  04:02:56.0  XRT_QT_PROG_SET_444_OG [0x1bc]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 02
2026/02/02  04:02:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/02/02  04:03:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/02  04:14:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/02  04:14:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/02  04:14:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/02  04:17:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/02  04:34:30.0  XRT_Custom_430_OG [0x1ae]
2026/02/02  04:35:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/02  05:43:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/02  05:43:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/02  05:43:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/02  05:46:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/02  06:12:00.0  XRT_Custom_430_OG [0x1ae]
2026/02/02  06:13:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/02  06:23:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/02  06:23:56.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/02/02  06:24:16.0  XRT_FLD_DIS_409_OG [0x199]
                                        MDP_XRT_FLD_DIS      1 07-F0 d9
2026/02/02  06:24:18.0  XRT_FLRCTRL_DIS_413_OG [0x19d]
                                        MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2026/02/02  06:24:20.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/02/02  06:24:22.0  XRT_QT_PROG_SET_421_OG [0x1a5]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 06
2026/02/02  06:24:24.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/02  06:30:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/02  06:30:56.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/02/02  06:31:00.0  AOCS_ORe-point_Start_13_OG [0x0a3]
                                        AOCU_NM              5 02-76 04 03 33 01 f3
2026/02/02  06:31:16.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2026/02/02  06:31:18.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/02/02  06:31:20.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2026/02/02  06:31:22.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/02/02  06:31:24.0  XRT_FLD_RESET_410_OG [0x19a]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/02  06:33:56.0  XRT_QT_PROG_SET_447_OG [0x1bf]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 0b
2026/02/02  06:33:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/02/02  06:34:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/02  07:23:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/02  07:23:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
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2026/02/02  07:23:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/02  07:26:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/02  07:49:00.0  XRT_Custom_430_OG [0x1ae]
2026/02/02  07:50:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/02  09:03:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/02  09:03:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/02  09:03:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/02  09:06:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/02  09:25:30.0  XRT_Custom_430_OG [0x1ae]
2026/02/02  09:26:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/02  10:43:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/02  10:43:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/02  10:43:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/02  10:46:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/02  10:59:30.0  XRT_Custom_430_OG [0x1ae]
2026/02/02  11:00:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/02  16:07:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/02  16:07:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/02  16:07:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/02  16:10:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/02  16:20:00.0  XRT_Custom_430_OG [0x1ae]
2026/02/02  16:21:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/02  16:28:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/02  16:28:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/02  16:28:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/02  16:29:30.0  XRT_Custom_430_OG [0x1ae]
2026/02/02  16:30:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/02  16:31:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/02  17:42:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/02  17:42:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/02  17:42:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/02  17:45:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/02  18:05:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/02  18:05:56.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/02/02  18:06:00.0  AOCS_ORe-point_Start_3_OG [0x099]
                                        AOCU_NM              5 02-76 00 00 00 00 00
2026/02/02  18:06:16.0  XRT_FLD_DIS_409_OG [0x199]
                                        MDP_XRT_FLD_DIS      1 07-F0 d9
2026/02/02  18:06:18.0  XRT_FLRCTRL_DIS_413_OG [0x19d]
                                        MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2026/02/02  18:06:20.0  XRT_ARS_DIS_425_OG [0x1a9]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/02/02  18:08:58.0  XRT_QT_PROG_SET_421_OG [0x1a5]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 06
2026/02/02  18:09:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/02  18:15:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/02  18:15:56.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/02/02  18:16:00.0  AOCS_ORe-point_Start_13_OG [0x0a3]
                                        AOCU_NM              5 02-76 04 03 33 01 f3
2026/02/02  18:16:16.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2026/02/02  18:16:18.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/02/02  18:16:20.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2026/02/02  18:16:22.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/02/02  18:16:24.0  XRT_FLD_RESET_410_OG [0x19a]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/02  18:18:56.0  XRT_QT_PROG_SET_447_OG [0x1bf]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 0b
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2026/02/02  18:18:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/02/02  18:19:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/02  19:19:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/02  19:19:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/02  19:19:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/02  19:22:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/02  19:42:30.0  XRT_Custom_430_OG [0x1ae]
2026/02/02  19:43:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/02  20:56:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/02  20:56:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/02  20:56:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/02  20:59:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/02  21:19:30.0  XRT_Custom_430_OG [0x1ae]
2026/02/02  21:20:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/02  22:33:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/02  22:33:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/02  22:33:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/02  22:36:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/02  22:55:30.0  XRT_Custom_430_OG [0x1ae]
2026/02/02  22:56:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/03  00:10:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/03  00:10:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/03  00:10:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/03  00:13:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/03  00:27:00.0  XRT_Custom_430_OG [0x1ae]
2026/02/03  00:28:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/03  01:45:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/03  01:45:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/03  01:45:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/03  01:48:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/03  01:53:30.0  XRT_Custom_430_OG [0x1ae]
2026/02/03  01:54:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/03  03:09:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/03  03:09:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/03  03:09:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/03  03:12:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/03  03:29:00.0  XRT_Custom_430_OG [0x1ae]
2026/02/03  03:30:00.5  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/03  03:59:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/03  03:59:56.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/02/03  04:00:00.0  AOCS_ORe-point_Start_3_OG [0x099]
                                        AOCU_NM              5 02-76 00 00 00 00 00
2026/02/03  04:00:16.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2026/02/03  04:00:18.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/02/03  04:00:20.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2026/02/03  04:00:22.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/02/03  04:00:24.0  XRT_FLD_RESET_410_OG [0x19a]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/03  04:02:56.0  XRT_QT_PROG_SET_444_OG [0x1bc]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 02
2026/02/03  04:02:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/02/03  04:03:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/03  04:39:30.0  XRT_CTRL_MANU_400_OG [0x190]
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                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/03  04:39:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/03  04:39:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/03  04:42:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/03  05:06:00.0  XRT_Custom_430_OG [0x1ae]
2026/02/03  05:07:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/03  05:51:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/03  05:51:56.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/02/03  05:52:16.0  XRT_FLD_DIS_409_OG [0x199]
                                        MDP_XRT_FLD_DIS      1 07-F0 d9
2026/02/03  05:52:18.0  XRT_FLRCTRL_DIS_413_OG [0x19d]
                                        MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2026/02/03  05:52:20.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/02/03  05:52:22.0  XRT_QT_PROG_SET_421_OG [0x1a5]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 06
2026/02/03  05:52:24.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/03  05:59:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/03  05:59:26.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/02/03  05:59:30.0  AOCS_ORe-point_Start_14_OG [0x0a4]
                                        AOCU_NM              5 02-76 00 17 02 b0 63
2026/02/03  05:59:46.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2026/02/03  05:59:48.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/02/03  05:59:50.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2026/02/03  05:59:52.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/02/03  05:59:54.0  XRT_FLD_RESET_410_OG [0x19a]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/03  06:02:26.0  XRT_QT_PROG_SET_447_OG [0x1bf]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 0b
2026/02/03  06:02:28.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/02/03  06:02:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/03  06:16:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/03  06:16:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/03  06:16:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/03  06:19:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/03  06:43:30.0  XRT_Custom_430_OG [0x1ae]
2026/02/03  06:44:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/03  07:56:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/03  07:56:02.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/03  07:56:04.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/03  07:59:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/03  08:20:30.0  XRT_Custom_430_OG [0x1ae]
2026/02/03  08:21:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/03  09:35:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/03  09:35:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/03  09:35:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/03  09:38:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/03  09:56:30.0  XRT_Custom_430_OG [0x1ae]
2026/02/03  09:57:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/03  11:16:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/03  11:16:32.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/03  11:16:34.0  XRT_PREFLR_STRT_418_OG [0x1a2]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/03  11:19:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/03  12:06:00.0  AOCS_ORe-point_Start_3_OG [0x099]
                                        AOCU_NM              5 02-76 00 00 00 00 00
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