XRT Timeline to be uploaded on 2025/10/16

Period: 2025/10/16 11:21:00 - 2025/10/21 11:19:00

✲ ✲ ✲ ✲ ✲ **Normal mode** ✲ ✲ ✲ ✲ ✲

XOB #1C94: AR (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 512x512 at 1064 1048, thick-Al context, with G-band (1ms/1ms leak), 300s

Term	Pointing (x, y)	Comment
10/16 11:40:30 - 10/16 16:02:54	Track (754.7, 287.2) @ 10/16 11:31:00	# OP start + 10min, AR 14246
10/17 06:14:30 - 10/17 11:45:24	Track (817.9, 301.7) @ 10/17 06:11:30	# AR 14246
10/18 05:43:00 - 10/18 11:41:10	Fixed (855.0, 315.0)	# AR 14246 fixed pointing

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
PROG= 10 Inf.-time(s)												
Subr= 1 1-time(s) 2.0sec												
Seqn= 81 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1064, 1048)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1064, 1048)	Q=95	0	0	2.0sec
Seqn= 82 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/Open	close	Safe	Dark	1.00s	Obs	1x1	512x512 (1064, 1048)	DPCM	0	0	2.0sec
Seqn= 71 3-time(s) 2.0sec												
Open/thick-Al	Open/thick-Be	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1064, 1048)	Q=98	3	0	2.0sec
Subr= 2 20-time(s) 300.0sec												
Seqn= 94 1-time(s) 100.0sec												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	512x512 (1064, 1048)	Q=95	2	0	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
Seqn= 58 1-time(s) 100.0sec												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
Seqn= 48 1-time(s) 2.0sec												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec

XOB #1D19: Synoptic 8 Filter w/ Al-mesh(3/128/723), Al-poly(5/181/1443), Thin-Be(24/512/4096), Thick-Be(32768), Med-Al(181/5795/32768), Med-Be(88/4096/

Term	Pointing (x, y)	Comment
10/16 16:06:00 - 10/16 16:13:24	Fixed (0.0, 0.0)	synoptic - 117 min.
10/17 06:04:42 - 10/17 06:11:24	Fixed (0.0, 0.0)	End of HOP412, synoptic+HOP349, 448
10/18 05:32:32 - 10/18 05:39:54	Fixed (0.0, 0.0)	synoptic, shifted -120.0 min

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
PROG= 12 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= 55 1-time(s) 2.0sec												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2ms	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= 98 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	5ms	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= 76 1-time(s) 2.0sec												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	24ms	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= 18 1-time(s) 2.0sec												
med-Al/Open	med-Al/thick-Al	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
med-Al/Open	med-Al/Open	close	Safe	Norm	5.66s	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= 86 1-time(s) 2.0sec												
med-Be/Open	Open/thick-Al	close	Safe	Norm	86ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
med-Be/Open	med-Be/Open	close	Safe	Norm	4.00s	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= 54 1-time(s) 2.0sec												
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	12ms	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

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

10/16 16:16:30 - 10/16 16:52:00	Fixed (-22.0, -987.0)	HOP412	01/20
10/16 17:19:30 - 10/16 17:39:24	Fixed (-22.0, -887.0)	HOP412	02/20
10/16 17:42:30 - 10/16 18:02:24	Fixed (-22.0, -787.0)	HOP412	03/20
10/16 18:05:30 - 10/16 18:28:30	Fixed (-22.0, -687.0)	HOP412	04/20
10/16 18:56:00 - 10/16 19:15:54	Fixed (-22.0, -587.0)	HOP412	05/20
10/16 19:19:00 - 10/16 19:38:54	Fixed (-22.0, -487.0)	HOP412	06/20
10/16 19:42:00 - 10/16 20:05:00	Fixed (-22.0, -387.0)	HOP412	07/20
10/16 20:32:30 - 10/16 20:52:24	Fixed (-22.0, -287.0)	HOP412	08/20
10/16 20:55:30 - 10/16 21:15:24	Fixed (-22.0, -187.0)	HOP412	09/20
10/16 21:18:30 - 10/16 21:42:00	Fixed (-22.0, -87.0)	HOP412	10/20
10/16 22:17:02 - 10/16 22:29:24	Fixed (-22.0, 3.0)	HOP412	11/20
10/16 22:32:30 - 10/16 22:52:24	Fixed (-22.0, 103.0)	HOP412	12/20
10/16 22:55:30 - 10/16 23:19:00	Fixed (-22.0, 203.0)	HOP412	13/20
10/16 23:44:30 - 10/17 00:04:24	Fixed (-22.0, 303.0)	HOP412	14/20
10/17 00:07:30 - 10/17 00:27:24	Fixed (-22.0, 403.0)	HOP412	15/20
10/17 00:30:30 - 10/17 00:56:30	Fixed (-22.0, 503.0)	HOP412	16/20
10/17 01:09:30 - 10/17 01:29:24	Fixed (-22.0, 603.0)	HOP412	17/20
10/17 01:32:30 - 10/17 01:52:24	Fixed (-22.0, 703.0)	HOP412	18/20
10/17 01:55:30 - 10/17 02:21:00	Fixed (-22.0, 803.0)	HOP412	19/20
10/17 02:43:00 - 10/17 03:02:54	Fixed (-22.0, 903.0)	HOP412	20/20

PROG= 19 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 #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
10/16 22:09:30 - 10/16 22:16:24	Fixed (-22.0, 3.0)	HOP412	11/20
10/17 18:04:30 - 10/17 18:11:24	Fixed (0.0, 0.0)	synoptic, shifted	1.5 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 #1D1A: HOP349 - 3-filter Synoptics (Al-mesh[2/128/723], Al-poly[5/181/1443], thin-Be[16/512/3897] with 512x512 G-band+Leak - 120min cad) + CME wa

Term	Pointing (x, y)	Comment
10/17 03:06:00 - 10/17 06:04:10	Fixed (0.0, 0.0)	End of HOP412, synoptic+HOP349, 448
10/18 04:03:00 - 10/18 05:32:00	Fixed (0.0, 0.0)	synoptic, shifted -120.0 min

PROG= 04 Inf.-time(s)

Subr	Seqn	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
Subr= 1 1-time(s) 600.0sec														
Seqn= 55 1-time(s) 2.0sec														
		Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2ms	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= 98 1-time(s) 2.0sec														
		Al-poly/Open	Al-poly/Open	close	Safe	Norm	5ms	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= 79 1-time(s) 2.0sec														
		thin-Be/Open	thin-Be/Open	close	Safe	Norm	16ms	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	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	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 6-time(s) 1200.0sec														
Seqn= 8 1-time(s) 2.0sec														
		thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
		thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Seqn= 74 1-time(s) 2.0sec														
		med-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
		med-Be/Open	med-Be/Open	close	Safe	Norm	2.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
Seqn= 6 1-time(s) 2.0sec														
		Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
		Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Seqn= 29 1-time(s) 2.0sec														
		Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
		Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec

XOB #1B97: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 360s cad (G-band/Leak last)

Term	Pointing (x, y)	Comment
10/17 11:48:30 - 10/17 15:29:54	Fixed (930.0, -42.0)	Off limb obs.

PROG= 16 Inf.-time(s)

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

XOB #1D1F: 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
10/17 15:33:00 - 10/17 18:01:24	Track (839.8, 309.2) @ 10/17 15:30:00	AR 14246
10/17 18:14:30 - 10/17 19:51:54	Track (844.9, 311.4) @ 10/17 18:11:30	# AR 14246
10/18 00:12:30 - 10/18 03:59:54	Fixed (855.0, 315.0)	AR 14246 fixed pointing

PROG= 08 Inf.-time(s)

Subr	Seqn	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
Subr= 1 1-time(s) 2.0sec														
Seqn= 92 1-time(s) 2.0sec														
		Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
		Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
		Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
Subr= 2 4-time(s) 2.0sec														
Seqn= 47 1-time(s) 2.0sec														
		Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
		Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
		thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
		thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Seqn= 77 4-time(s) 600.0sec														
		Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
		thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	95.0sec
		Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec
		thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	95.0sec
		Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
		thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec

XOB #1C11: CME watch - 4x4 - AEC 2 - Al-poly - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 90s cad

Term	Pointing (x, y)	Comment
10/17 19:55:00 - 10/17 23:51:00	Fixed (-22.0, 858.0)	HOP 512

PROG= 03 Inf.-time(s)

- **Subr= 1 40-time(s) 90.0sec**
  - **Seqn= 62 1-time(s) 4.0sec**

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	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec

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

✲ ✲ ✲ ✲ ✲ **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
10/16 11:40:30 - 10/16 16:02:54	Track (754.7, 287.2) @ 10/16 11:31:00	# OP start + 10min, AR 14246
10/16 16:16:30 - 10/16 16:52:00	Fixed (-22.0, -987.0)	HOP412 01/20
10/16 17:19:30 - 10/16 17:39:24	Fixed (-22.0, -887.0)	HOP412 02/20
10/16 17:42:30 - 10/16 18:02:24	Fixed (-22.0, -787.0)	HOP412 03/20
10/16 18:05:30 - 10/16 18:28:30	Fixed (-22.0, -687.0)	HOP412 04/20
10/16 18:56:00 - 10/16 19:15:54	Fixed (-22.0, -587.0)	HOP412 05/20
10/16 19:19:00 - 10/16 19:38:54	Fixed (-22.0, -487.0)	HOP412 06/20
10/16 19:42:00 - 10/16 20:05:00	Fixed (-22.0, -387.0)	HOP412 07/20
10/16 20:32:30 - 10/16 20:52:24	Fixed (-22.0, -287.0)	HOP412 08/20
10/16 20:55:30 - 10/16 21:15:24	Fixed (-22.0, -187.0)	HOP412 09/20
10/16 21:18:30 - 10/16 21:42:00	Fixed (-22.0, -87.0)	HOP412 10/20
10/16 22:17:02 - 10/16 22:29:24	Fixed (-22.0, 3.0)	HOP412 11/20
10/16 22:32:30 - 10/16 22:52:24	Fixed (-22.0, 103.0)	HOP412 12/20
10/16 22:55:30 - 10/16 23:19:00	Fixed (-22.0, 203.0)	HOP412 13/20
10/16 23:44:30 - 10/17 00:04:24	Fixed (-22.0, 303.0)	HOP412 14/20
10/17 00:07:30 - 10/17 00:27:24	Fixed (-22.0, 403.0)	HOP412 15/20
10/17 00:30:30 - 10/17 00:56:30	Fixed (-22.0, 503.0)	HOP412 16/20
10/17 01:09:30 - 10/17 01:29:24	Fixed (-22.0, 603.0)	HOP412 17/20
10/17 01:32:30 - 10/17 01:52:24	Fixed (-22.0, 703.0)	HOP412 18/20
10/17 01:55:30 - 10/17 02:21:00	Fixed (-22.0, 803.0)	HOP412 19/20
10/17 02:43:00 - 10/17 03:02:54	Fixed (-22.0, 903.0)	HOP412 20/20
10/17 03:06:00 - 10/17 06:04:10	Fixed (0.0, 0.0)	End of HOP412, synoptic+HOP349, 448
10/17 06:14:30 - 10/17 11:45:24	Track (817.9, 301.7) @ 10/17 06:11:30	# AR 14246
10/17 11:48:30 - 10/17 15:29:54	Fixed (930.0, -42.0)	Off limb obs.
10/17 15:33:00 - 10/17 18:01:24	Track (839.8, 309.2) @ 10/17 15:30:00	AR 14246
10/17 18:14:30 - 10/17 19:51:54	Track (844.9, 311.4) @ 10/17 18:11:30	# AR 14246
10/17 19:55:00 - 10/17 23:51:00	Fixed (-22.0, 858.0)	HOP 512
10/18 00:12:30 - 10/18 03:59:54	Fixed (855.0, 315.0)	AR 14246 fixed pointing
10/18 04:03:00 - 10/18 05:32:00	Fixed (0.0, 0.0)	synoptic, shifted -120.0 min
10/18 05:43:00 - 10/18 11:41:10	Fixed (855.0, 315.0)	# AR 14246 fixed pointing

PROG= 14 30-time(s)

- **Subr= 1 1-time(s) 2.0sec**
  - **Seqn= 68 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	384x384 (1024, 1024)	Q=95	0	0	2.0sec

- **Subr= 2 20-time(s) 2.0sec**
  - **Seqn= 11 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/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec

  - **Seqn= 73 1-time(s) 10.0sec**

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	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**

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

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

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	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

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

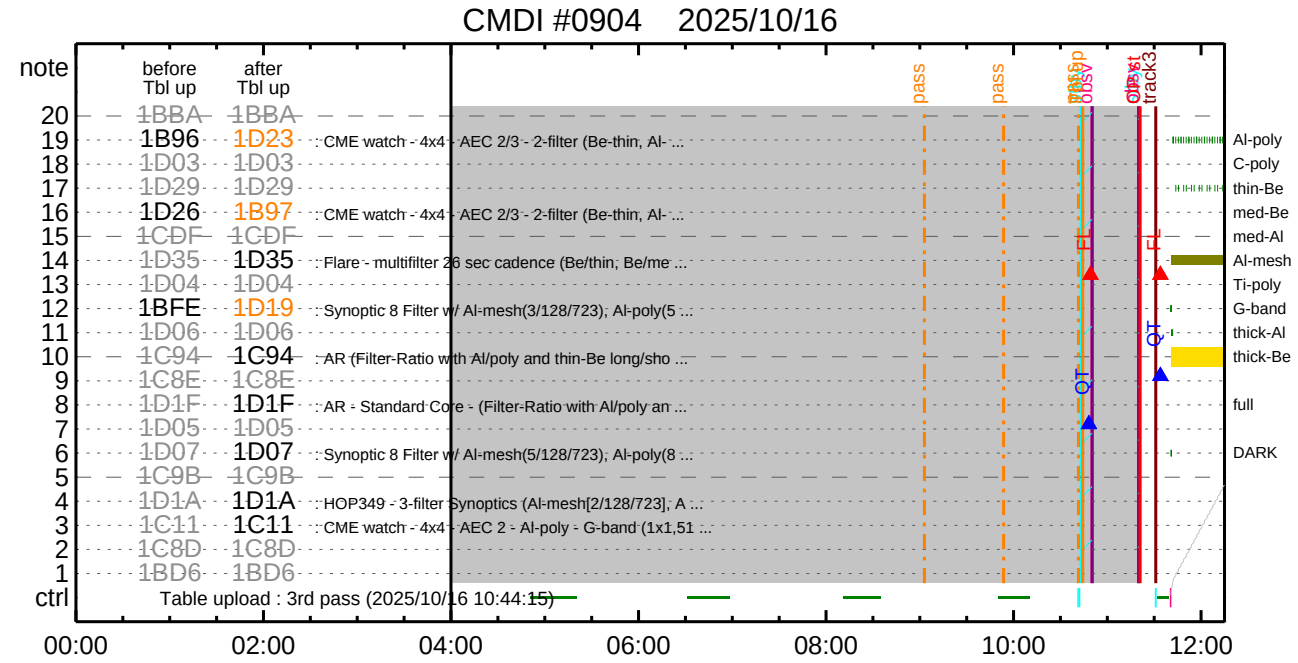
NOT USED

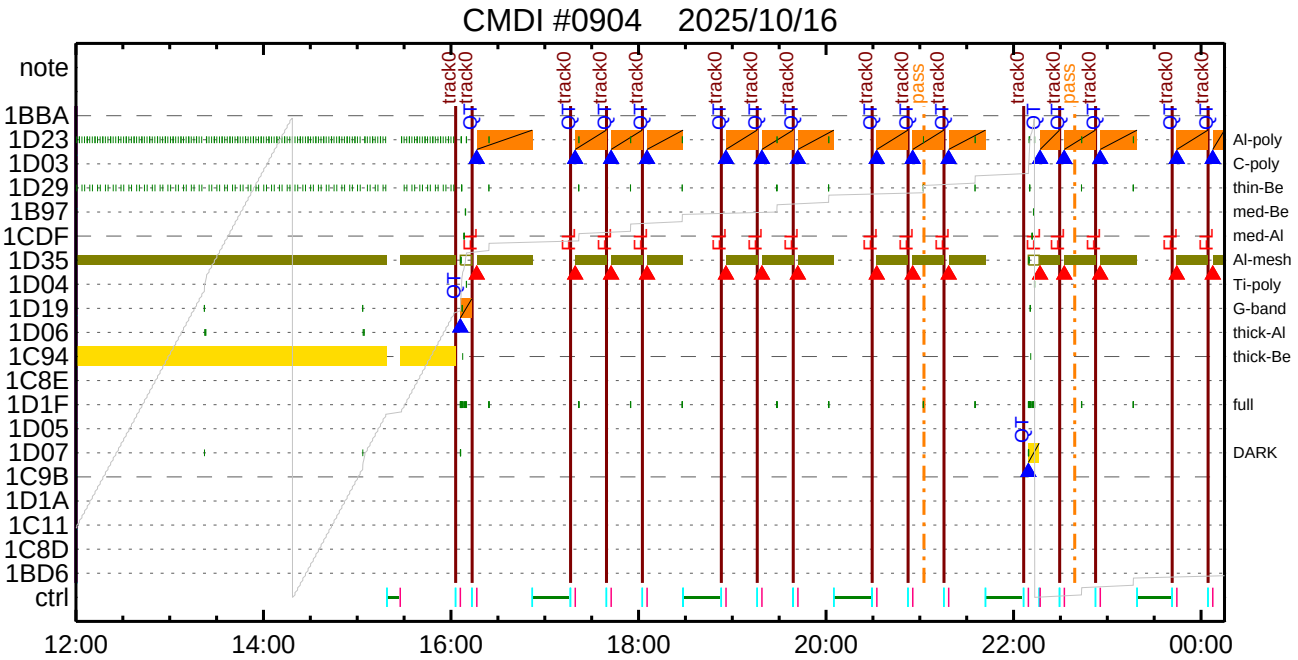
✲ ✲ ✲ ✲ ✲ **Flare Detection** ✲ ✲ ✲ ✲ ✲

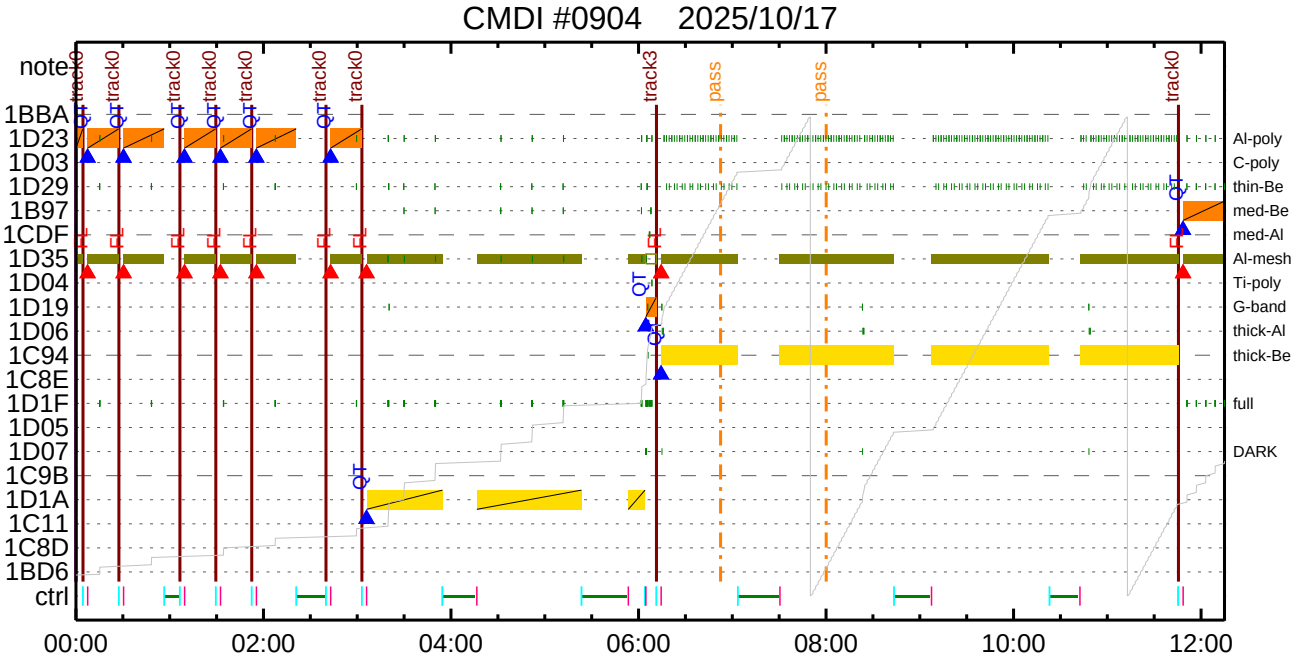
FLD Patrol

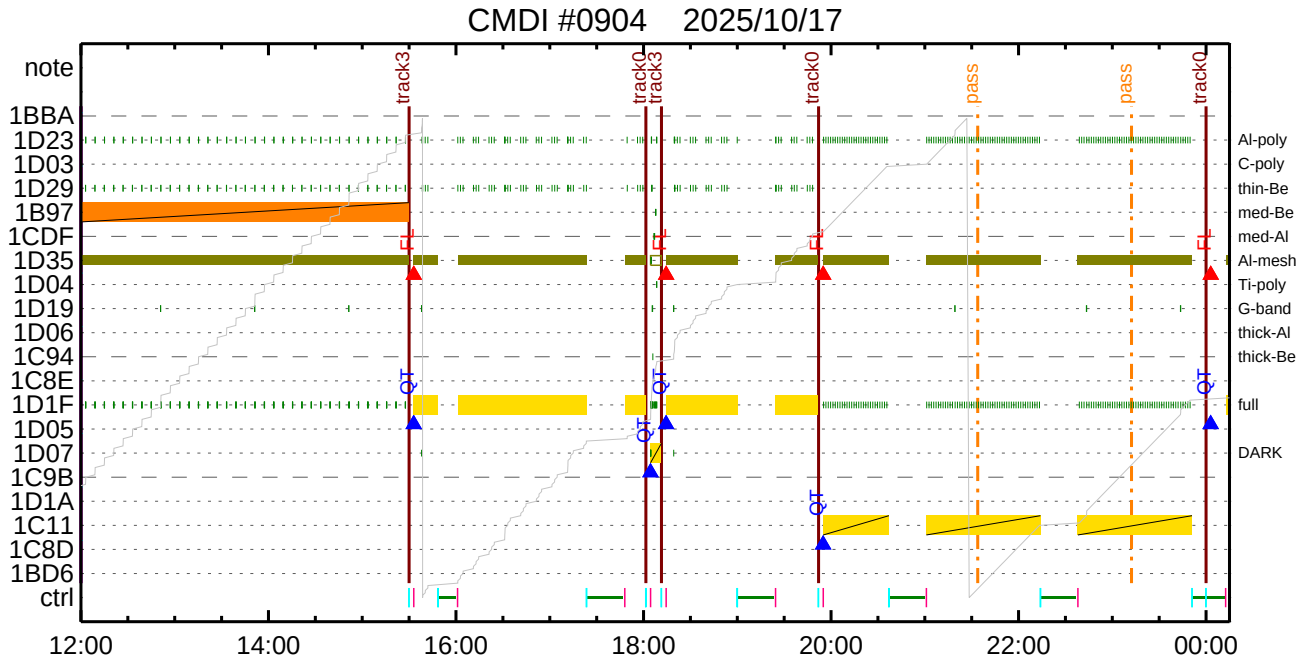
Term	Pointing (x, y)	Comment
10/16 10:45:15 - 10/16 16:03:18	cannot be identified	
10/16 16:13:48 - 10/16 22:06:48	Fixed (-22.0, -987.0)	HOP412 01/20
10/16 22:16:48 - 10/17 06:04:34	Fixed (-22.0, 3.0)	HOP412 11/20
10/17 06:11:48 - 10/17 18:01:48	Track (817.9, 301.7) @ 10/17 06:11:30	# AR 14246
10/17 18:11:48 - 10/18 05:32:24	Track (844.9, 311.4) @ 10/17 18:11:30	# AR 14246
10/18 05:40:18 - 10/21 11:19:00	Fixed (855.0, 315.0)	# AR 14246 fixed pointing

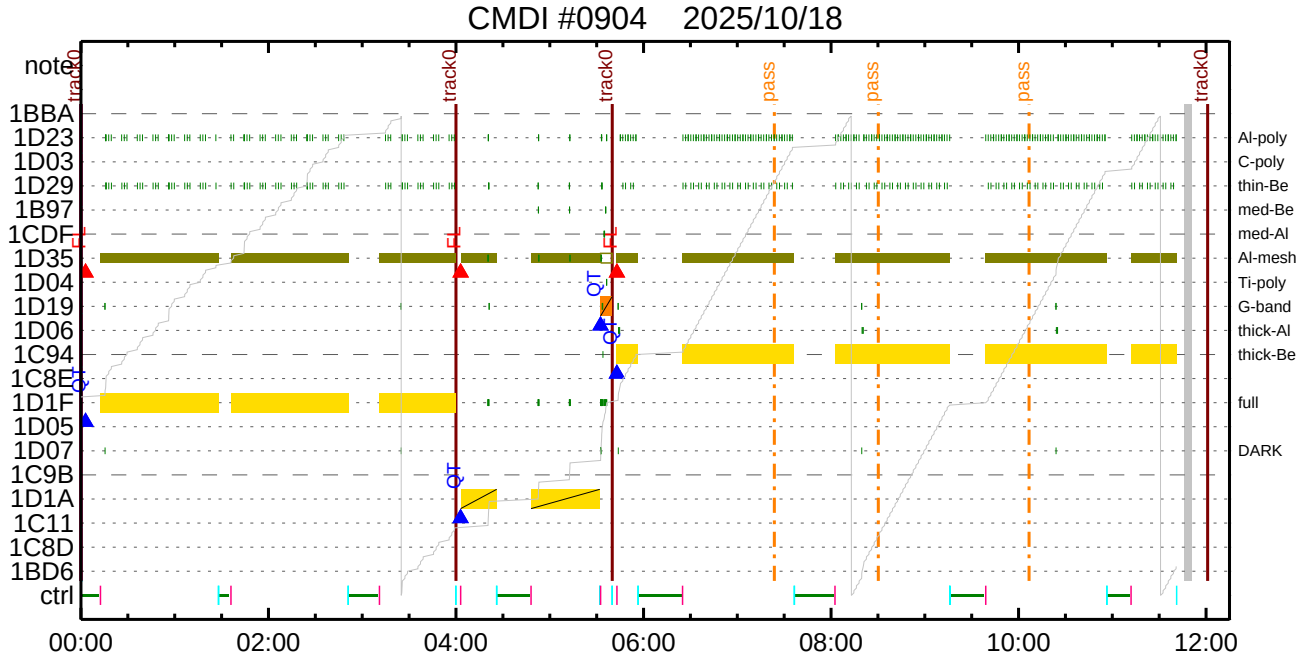
Al-poly/Open	Al-poly/Open	close	Safe	Norm	4ms	Obs	8x8		Q=50		30sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval

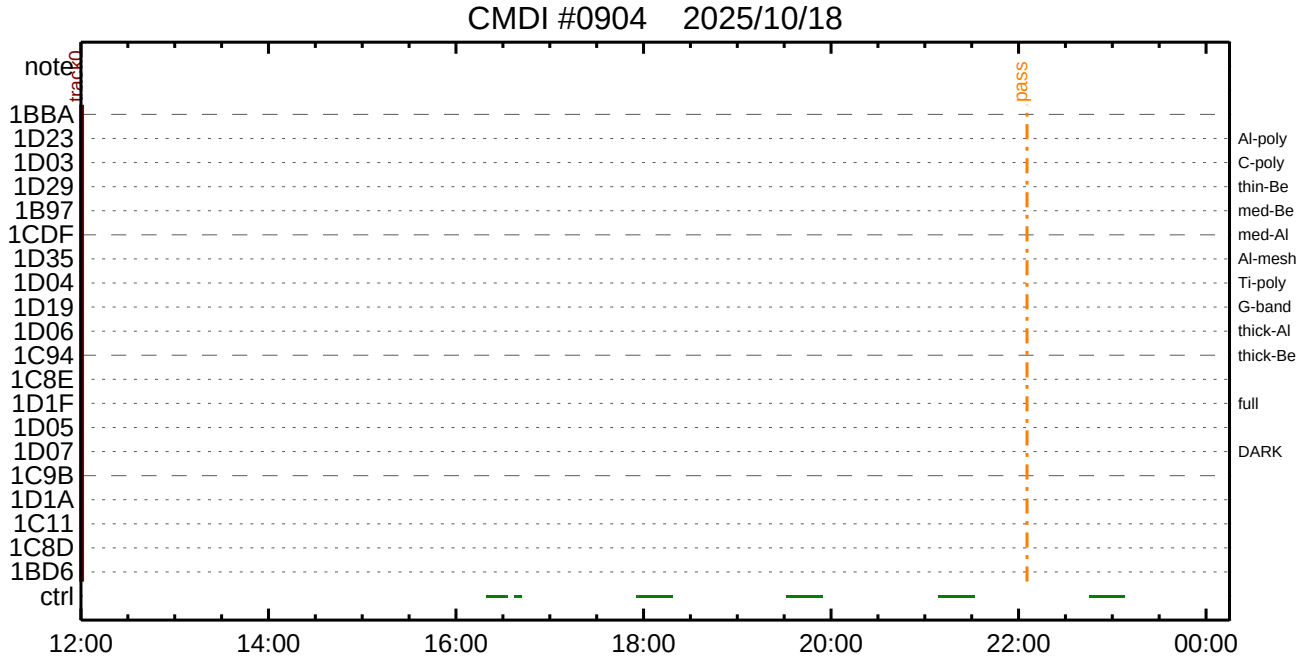

CMDI #0904 2025/10/16
note
before Tbl up
after Tbl up
20 1BBA 1BBA
19 1B96 1D23 : CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al- ...
18 1D03 1D03
17 1D29 1D29
16 1D26 1B97 : CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al- ...
15 1CDF 1CDF
14 1D35 1D35 : Flare - multifilter 26 sec cadence (Be/thin; Be/me ...
13 1D04 1D04
12 1BFE 1D19 : Synoptic 8 Filter w/ Al-mesh(3/128/723); Al-poly(5 ...
11 1D06 1D06
10 1C94 1C94 : AR (Filter-Ratio with Al/poly and thin-Be long/sho ...
9 1C8E 1C8E
8 1D1F 1D1F : AR - Standard Core - (Filter-Ratio with Al/poly an ...
7 1D05 1D05
6 1D07 1D07 : Synoptic 8 Filter w/ Al-mesh(5/128/723); Al-poly(8 ...
5 1C9B 1C9B
4 1D1A 1D1A : HOP349 - 3-filter Synoptics (Al-mesh[2/128/723], A ...
3 1C11 1C11 : CME watch - 4x4 - AEC 2 - Al-poly - G-band (1x1,51 ...
2 1C8D 1C8D
1 1BD6 1BD6
ctrl
Table upload : 3rd pass (2025/10/16 10:44:15)
pass
pass
track3
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

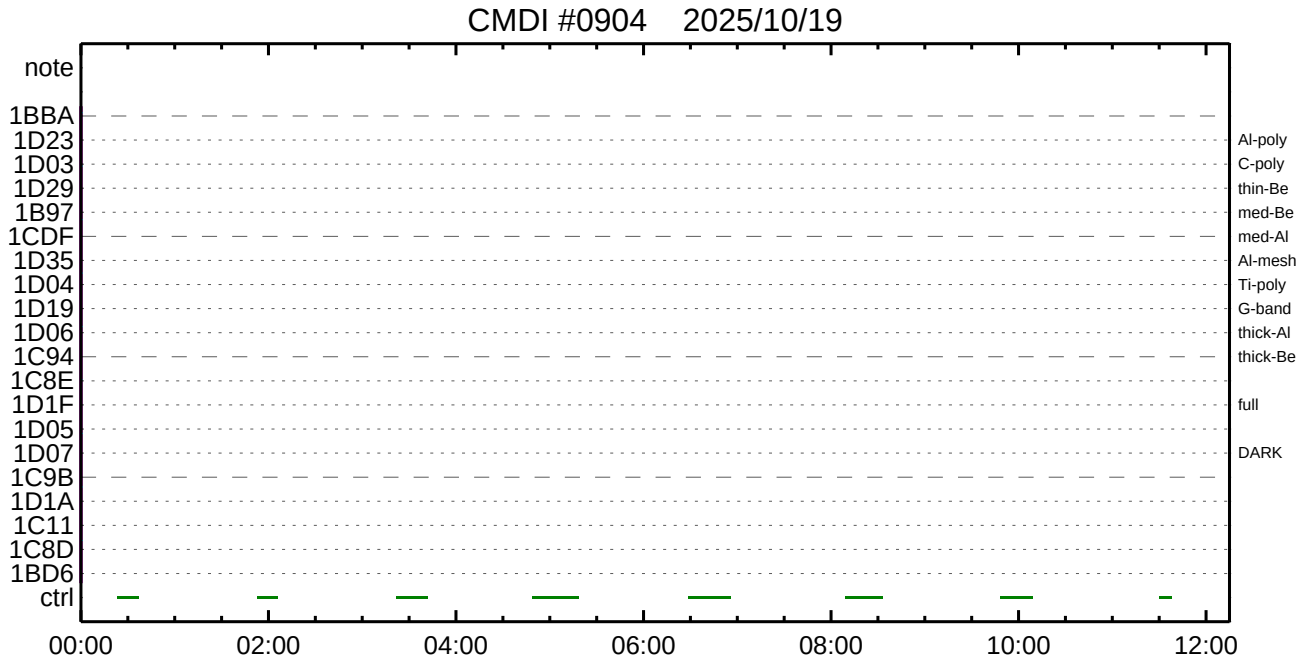

CMDI #0904 2025/10/16
note
1BBA
1D23
1D03
1D29
1B97
1CDF
1D35
1D04
1D19
1D06
1C94
1C8E
1D1F
1D05
1D07
1C9B
1D1A
1C11
1C8D
1BD6
ctrl
track0
pass
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
12:00
14:00
16:00
18:00
20:00
22:00
00:00

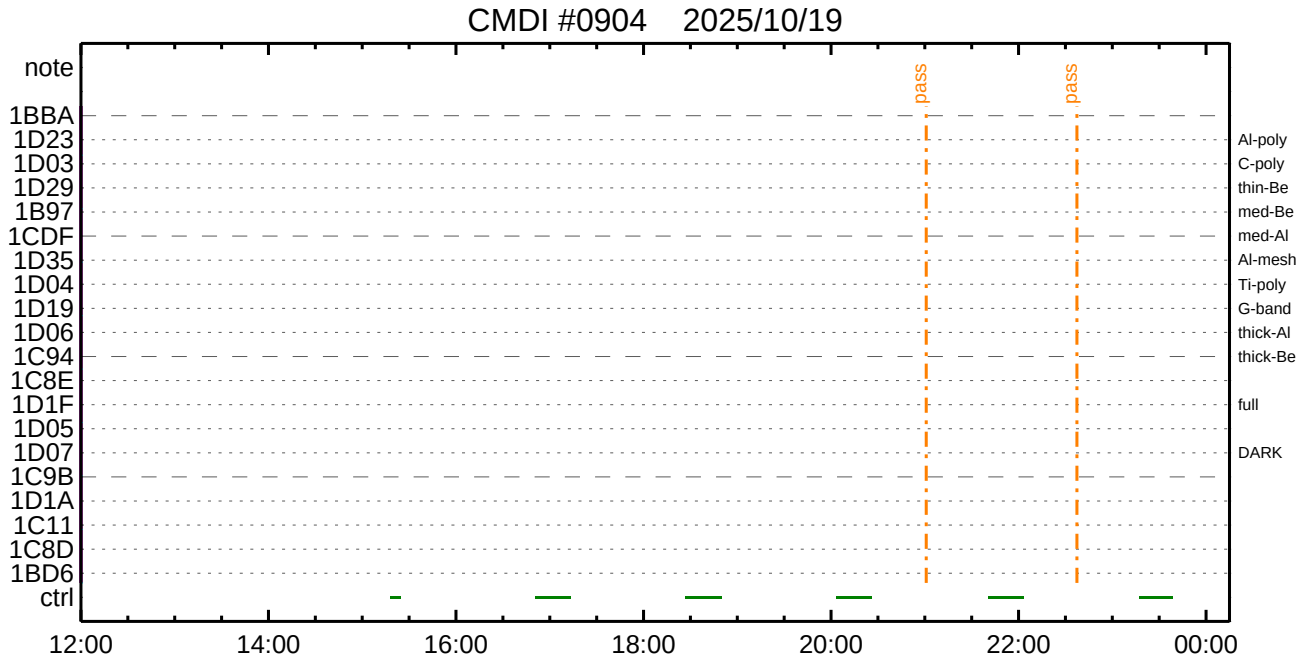

CMDI #0904 2025/10/17
note
1BBA
1D23
1D03
1D29
1B97
1CDF
1D35
1D04
1D19
1D06
1C94
1C8E
1D1F
1D05
1D07
1C9B
1D1A
1C11
1C8D
1BD6
ctrl
track0
track3
pass
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
00:00
02:00
04:00
06:00
08:00
10:00
12:00


CMDI #0904 2025/10/17
note
1BBA
1D23
1D03
1D29
1B97
1CDF
1D35
1D04
1D19
1D06
1C94
1C8E
1D1F
1D05
1D07
1C9B
1D1A
1C11
1C8D
1BD6
ctrl
track3
track0
track3
track0
pass
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
12:00
14:00
16:00
18:00
20:00
22:00
00:00


CMDI #0904 2025/10/18
note
1BBA
1D23
1D03
1D29
1B97
1CDF
1D35
1D04
1D19
1D06
1C94
1C8E
1D1F
1D05
1D07
1C9B
1D1A
1C11
1C8D
1BD6
ctrl
track0
track0
track0
pass
pass
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 #0904 2025/10/18
note
1BBA
1D23
1D03
1D29
1B97
1CDF
1D35
1D04
1D19
1D06
1C94
1C8E
1D1F
1D05
1D07
1C9B
1D1A
1C11
1C8D
1BD6
ctrl
track0
pass
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 #0904 2025/10/19
note
1BBA
1D23
1D03
1D29
1B97
1CDF
1D35
1D04
1D19
1D06
1C94
1C8E
1D1F
1D05
1D07
1C9B
1D1A
1C11
1C8D
1BD6
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
04:00
06:00
08:00
10:00
12:00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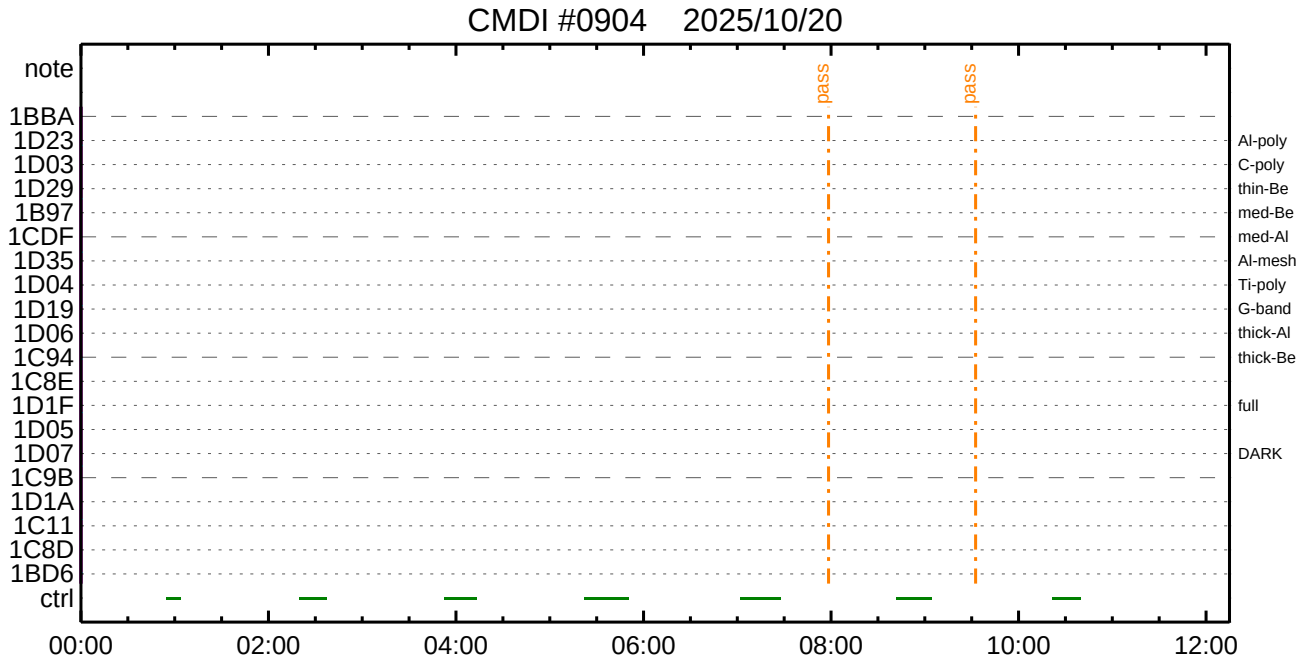
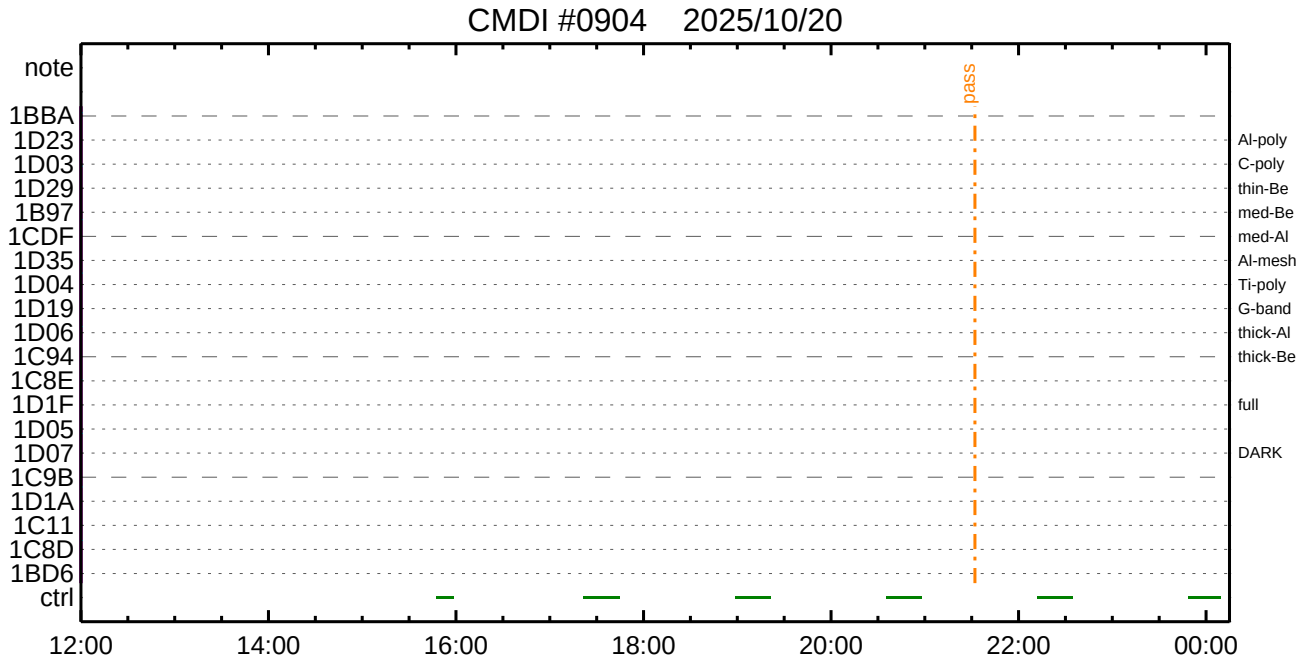
note
pass
pass
1BBA
1D23
1D03
1D29
1B97
1CDF
1D35
1D04
1D19
1D06
1C94
1C8E
1D1F
1D05
1D07
1C9B
1D1A
1C11
1C8D
1BD6
ctrl
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
12:00
14:00
16:00
18:00
20:00
22:00
00:00


CMDI #0904 2025/10/20
note
pass
pass
1BBA
1D23
1D03
1D29
1B97
1CDF
1D35
1D04
1D19
1D06
1C94
1C8E
1D1F
1D05
1D07
1C9B
1D1A
1C11
1C8D
1BD6
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
04:00
06:00
08:00
10:00
12:00


CMDI #0904 2025/10/20
note
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1D23
1D03
1D29
1B97
1CDF
1D35
1D04
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1D06
1C94
1C8E
1D1F
1D05
1D07
1C9B
1D1A
1C11
1C8D
1BD6
ctrl
pass
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
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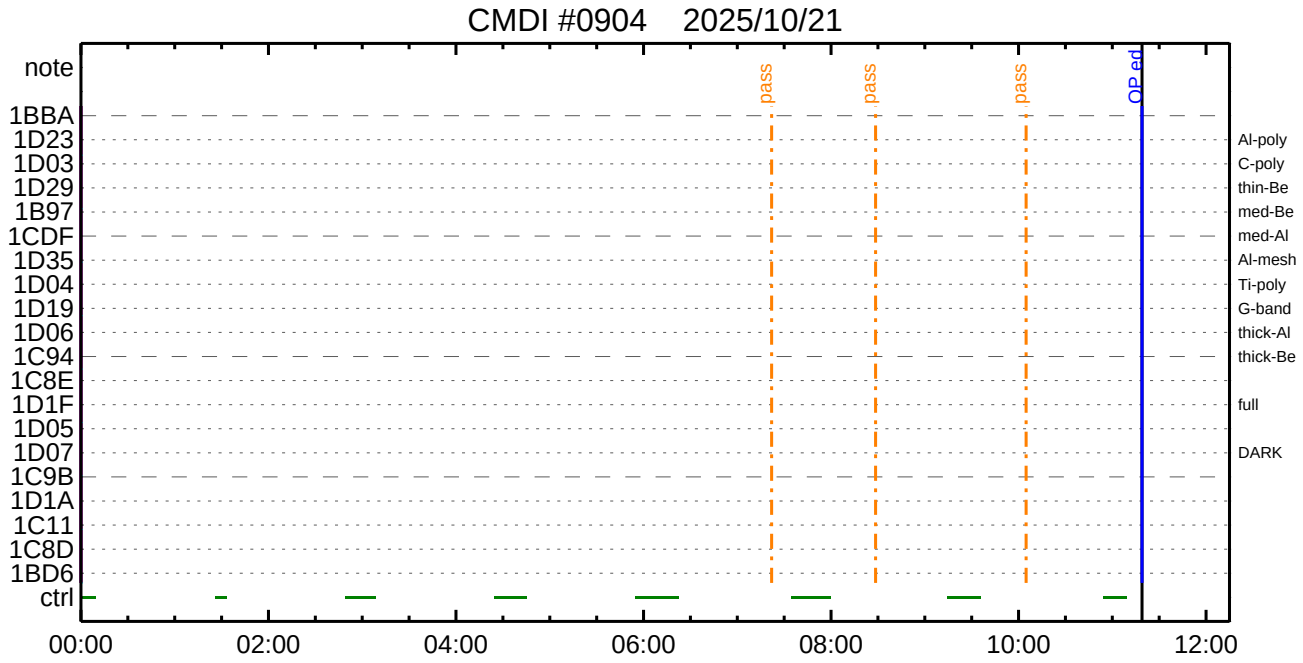
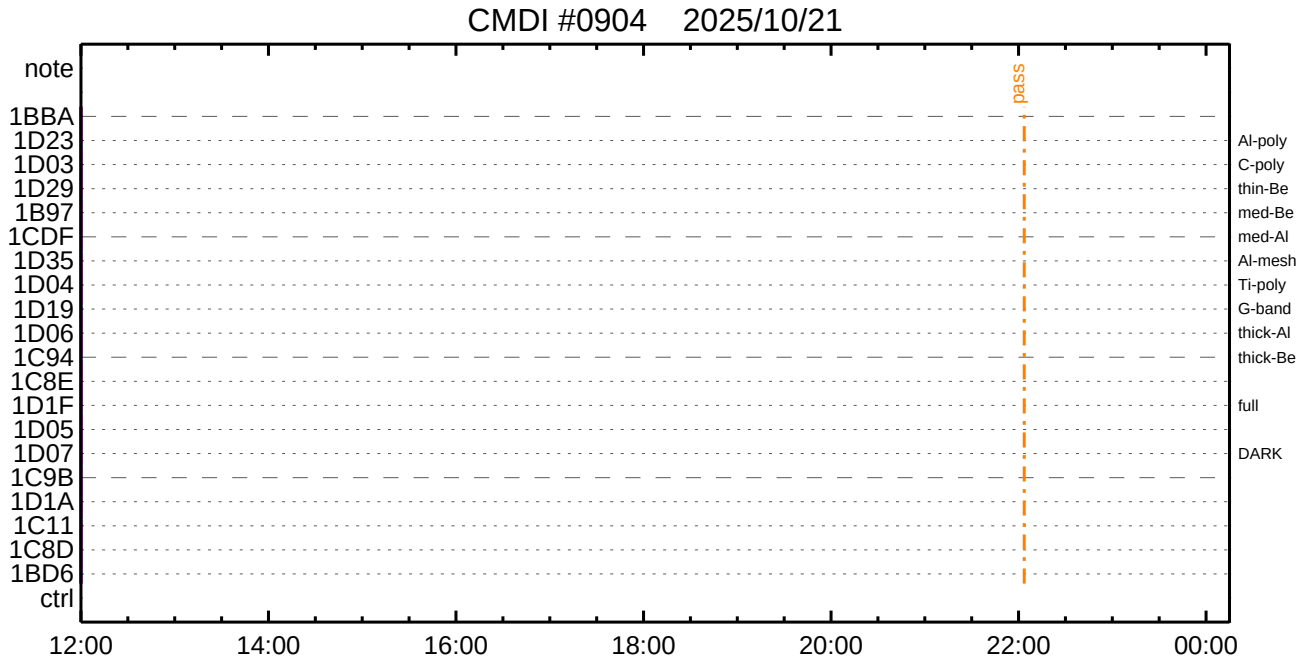

CMDI #0904 2025/10/21
note
1BBA
1D23
1D03
1D29
1B97
1CDF
1D35
1D04
1D19
1D06
1C94
1C8E
1D1F
1D05
1D07
1C9B
1D1A
1C11
1C8D
1BD6
ctrl
pass
pass
pass
OP ed
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
00:00
02:00
04:00
06:00
08:00
10:00
12:00


CMDI #0904 2025/10/21
note
1BBA
1D23
1D03
1D29
1B97
1CDF
1D35
1D04
1D19
1D06
1C94
1C8E
1D1F
1D05
1D07
1C9B
1D1A
1C11
1C8D
1BD6
ctrl
pass
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

(a) Spacecraft Operation Procedure (real-commands)

```
main-579 2025-10-16 12:00:14 278 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°²ó¾È¡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-579:OP
0104     ()
0105   . S. OG    og-579: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 2025-10-16 11:16:00.0
0184     DC 01-B3 DHU_OP_STOP
0185     C.                    ¢¢[HK1_TI_CMD_NUM]              EQ     1COUNTUP
0186     C.
0187  +. TI 2025-10-16 11:16:01.0
0188     DC 01-B4 DHU_OP_COPY
0189     C.                    ¢¢[HK1_TI_CMD_NUM]              EQ     1COUNTUP
0190     C.
0191  +. TI 2025-10-16 11:16:01.0
0192     DC 01-B5 DHU_OPOG_COPY
0193     C.                    ¢¢[HK1_TI_CMD_NUM]              EQ     1COUNTUP
```

```
0194     C.
0195  +. TI 2025-10-16 11:20:59.5
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 2025-10-16 11:20:30.0
0245     DC 07-FC EIS_MODE_MANU
0246     BC       (21 02)
0247  +. TI 2025-10-16 11:20:40.0
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 2025-10-16 11:20:00.0
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-580 2025-10-16 12:00:14 85 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. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0046  +. DC 07-FC EIS_MODE_CHG_ENA
0047     BC       (20)
0048   . C. Verify EIS_MODE_CHG_FLG is ENA
0049  +. DC 07-FC EIS_MODE_MANU
0050     BC       (21 02)
0051   . C. Verify EIS in MANUAL mode
0052   . C. Estimated OBSTBL upload time is 43s
0053     C. ********************************
0054     C. EIS START OBSTBL LOAD
0055     C. ********************************
0056   . S. RAM   ram-820:EIS_OBSTBL
0057     ()
0058  +. DC 07-FC EIS_DUMP_OBSTBL
0059     BC       (07 07 07 00 00 70 00)
0060     C.
0061     C. Execute, after the success of OBSTBL upload.
0062     C. Set EIS TI-commands
0063  +. TI 2025-10-16 11:20:50.0
0064     DC 07-FC EIS_MODE_CHG_ENA
0065     BC       (20)
0066   . C.                        [   ]  [HK1_TI_CMD_NUM]     EQ    1 COUNTUP
0067     C. ********************************
0068     C. EIS END OBSTBL LOAD
0069     C. ********************************
0070     C.
0071   . C. ***** MDP ´ûÃÎ¤Î»ö¾Ý¤ËÂÐ¤¹¤ëDCBC•×²è *****
0072     C. (¾å°Ì¥Ó¥Ã¥È¥Þ¥Ë¥å¥¢¥ë¤Ë½¾¤¤¼Â»Ü¤¹¤ë)
0073   . S. DC-BC dcbc-402:DCBC
0074     (MDP_known_event)
0075     C.
0076     C.
0077   . C. ***** ¥Ð¥¹•Ï Daily±¿ÍÑ¤Ë´Ø¤¹¤ëDCBC•×²è *****
0078   . S. DC-BC dcbc-153:DCBC
0079     (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0080     C.
0081     C.
0082   . C. ¡ãLOS¥Á¥§¥Ã¥¯¼Â»Ü¡ä
0083     C.
0084   . C. *********** LOS ***********
0085     C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-581 2025-10-16 12:00:14 186 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
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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 05 85 83 06 06)
0128  +  DC 07-F0 MDP_XRT_ROI_SET
0129     BC       (cd 06 85 83 06 06)
0130  +  DC 07-F0 MDP_XRT_ROI_SET
0131     BC       (cd 07 85 83 08 08)
0132  +  DC 07-F0 MDP_XRT_ROI_SET
0133     BC       (cd 08 80 80 20 20)
0134  +  DC 07-F0 MDP_XRT_ROI_SET
0135     BC       (cd 09 80 80 20 08)
0136  +  DC 07-F0 MDP_XRT_ROI_SET
0137     BC       (cd 0a 80 80 08 20)
0138  +  DC 07-F0 MDP_XRT_ROI_SET
0139     BC       (cd 0b 80 80 08 08)
0140  +  DC 07-F0 MDP_XRT_ROI_SET
0141     BC       (cd 0f 80 80 06 06)
0142  +  DC 07-F0 MDP_XRT_ROI_SET
0143     BC       (cd 10 80 80 08 08)
0144  +  DC 07-F0 MDP_XRT_FLD_ENA
0145     BC       (d8)
0146  +  DC 07-F0 MDP_XRT_FLRCTRL_ENA
0147     BC       (c8)
0148  +  DC 07-F0 MDP_XRT_ARS_DIS
0149     BC       (d5)
0150  +  DC 07-F0 MDP_XRT_AEC_RESET
0151     BC       (d0)
0152  +  DC 07-F0 MDP_XRT_FLD_RESET
0153     BC       (da)
0154  +. DC 07-F0 MDP_XRT_QT_PROG_SET
0155     BC       (c4 08)
0156  +. DC 07-F0 MDP_XRT_FL_PROG_SET
0157     BC       (c5 0e)
0158   . C. ---------- Success Verify ?            OK / NG ____
0159     C.
0160     C.
0161   . C. All OK?   Yes--> Please Proceed. / No --> Stop here.
0162     C.
0163  +. DC 07-F0 MDP_XRT_MODE_OBSV
0164     BC       (c2)
0165  +. TI 2025-10-16 11:20:02.0
0166     DC 07-F0 MDP_XRT_MODE_OBSV
0167     BC       (c2)
0168   . C. ---------- Success Verify ?            OK / NG ____
0169     C.
0170     C. ************ XRT END ***********
0171     C.
0172   . C. ***** MDP ´ûÃÎ¤Î»ö¾Ý¤ËÂÐ¤¹¤ëDCBC•×²è *****
0173     C. (¾å°Ì¥Ó¥Ã¥È¥Þ¥Ë¥å¥¢¥ë¤Ë½¾¤¤¼Â»Ü¤¹¤ë)
0174   . S. DC-BC dcbc-402:DCBC
0175     (MDP_known_event)
0176     C.
0177     C.
0178   . C. ***** ¥Ð¥¹•Ï Daily±¿ÍÑ¤Ë´Ø¤¹¤ëDCBC•×²è *****
0179   . S. DC-BC dcbc-153:DCBC
0180     (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0181     C.
0182     C.
0183   . C. ¡ãLOS¥Á¥Ş¥Ã¥¯¼Â»Ü¡ä
0184     C.
0185   . C. *********** LOS ***********
0186     C.
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*** OP Sequence for XRT ***

2025/10/16  11:30:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  11:30:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  11:30:58.0  XRT_FOCUS_POSITION_414_OG [0x19e]
                                        XRT_FOCUS_POSITION   4 07-F8 22 fe 97 00
2025/10/16  11:31:00.0  AOCS_ORe-point_Start_1_OG [0x097]
                                        AOCU_NM              5 02-76 03 03 be 01 f3
2025/10/16  11:31:18.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/16  11:31:20.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/16  11:31:22.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/16  11:31:24.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/16  11:31:26.0  XRT_FLD_RESET_434_OG [0x1b2]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/16  11:33:56.0  XRT_QT_PROG_SET_440_OG [0x1b8]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 0a
2025/10/16  11:33:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/16  11:39:30.0  XRT_Custom_430_OG [0x1ae]
2025/10/16  11:40:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/16  15:19:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  15:19:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  15:19:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/16  15:19:06.0  XRT_PREFLR_STRT_404_OG [0x194]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2025/10/16  15:22:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2025/10/16  15:26:30.0  XRT_Custom_430_OG [0x1ae]
2025/10/16  15:27:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/16  16:02:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  16:02:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  16:02:58.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/16  16:03:00.0  AOCS_ORe-point_Start_2_OG [0x098]
                                        AOCU_NM              5 02-76 00 00 00 00 00
2025/10/16  16:03:18.0  XRT_FLD_DIS_409_OG [0x199]
                                        MDP_XRT_FLD_DIS      1 07-F0 d9
2025/10/16  16:03:20.0  XRT_FLRCTRL_DIS_413_OG [0x19d]
                                        MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2025/10/16  16:03:22.0  XRT_ARS_DIS_435_OG [0x1b3]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/16  16:05:58.0  XRT_QT_PROG_SET_410_OG [0x19a]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 0c
2025/10/16  16:06:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/16  16:13:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  16:13:26.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  16:13:28.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/16  16:13:30.0  AOCS_ORe-point_Start_3_OG [0x099]
                                        AOCU_NM              5 02-76 00 57 be 01 f3
2025/10/16  16:13:48.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/16  16:13:50.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/16  16:13:52.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/16  16:13:54.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/16  16:13:56.0  XRT_FLD_RESET_434_OG [0x1b2]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/16  16:16:26.0  XRT_QT_PROG_SET_422_OG [0x1a6]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 13
2025/10/16  16:16:28.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/16  16:16:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/16  16:52:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  16:52:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  16:52:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/16  16:52:06.0  XRT_PREFLR_STRT_404_OG [0x194]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2025/10/16  16:55:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2025/10/16  17:16:24.0  XRT_CTRL_MANU_402_OG [0x192]
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                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  17:16:26.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  17:16:28.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/16  17:16:30.0  AOCS_ORe-point_Start_4_OG [0x09a]
                                        AOCU_NM              5 02-76 00 4e d9 01 f3
2025/10/16  17:16:48.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/16  17:16:50.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/16  17:16:52.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/16  17:16:54.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/16  17:16:56.0  XRT_FLD_RESET_434_OG [0x1b2]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/16  17:19:26.0  XRT_QT_PROG_SET_422_OG [0x1a6]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 13
2025/10/16  17:19:28.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/16  17:19:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/16  17:39:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  17:39:26.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  17:39:28.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/16  17:39:30.0  AOCS_ORe-point_Start_5_OG [0x09b]
                                        AOCU_NM              5 02-76 00 45 f3 01 f3
2025/10/16  17:39:48.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/16  17:39:50.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/16  17:39:52.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/16  17:39:54.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/16  17:39:56.0  XRT_FLD_RESET_434_OG [0x1b2]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/16  17:42:26.0  XRT_QT_PROG_SET_422_OG [0x1a6]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 13
2025/10/16  17:42:28.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/16  17:42:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/16  18:02:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  18:02:26.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  18:02:28.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/16  18:02:30.0  AOCS_ORe-point_Start_6_OG [0x09c]
                                        AOCU_NM              5 02-76 00 3d 0e 01 f3
2025/10/16  18:02:48.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/16  18:02:50.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/16  18:02:52.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/16  18:02:54.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/16  18:02:56.0  XRT_FLD_RESET_434_OG [0x1b2]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/16  18:05:26.0  XRT_QT_PROG_SET_422_OG [0x1a6]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 13
2025/10/16  18:05:28.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/16  18:05:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/16  18:28:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  18:28:32.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  18:28:34.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/16  18:28:36.0  XRT_PREFLR_STRT_404_OG [0x194]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2025/10/16  18:31:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2025/10/16  18:52:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  18:52:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  18:52:58.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/16  18:53:00.0  AOCS_ORe-point_Start_7_OG [0x09d]
                                        AOCU_NM              5 02-76 00 34 31 01 f3
2025/10/16  18:53:18.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/16  18:53:20.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
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2025/10/16  18:53:22.0  XRT_AEC_RESET_448_OG [0x1c0]
                                    MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/16  18:53:24.0  XRT_ARS_DIS_423_OG [0x1a7]
                                    MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/16  18:53:26.0  XRT_FLD_RESET_434_OG [0x1b2]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/16  18:55:56.0  XRT_QT_PROG_SET_422_OG [0x1a6]
                                    MDP_XRT_QT_PROG_SET  2 07-F0 c4 13
2025/10/16  18:55:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                    MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/16  18:56:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/16  19:15:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  19:15:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  19:15:58.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                    XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/16  19:16:00.0  AOCS_ORe-point_Start_8_OG [0x09e]
                                    AOCU_NM              5 02-76 00 2b 4b 01 f3
2025/10/16  19:16:18.0  XRT_FLD_ENA_411_OG [0x19b]
                                    MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/16  19:16:20.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                    MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/16  19:16:22.0  XRT_AEC_RESET_448_OG [0x1c0]
                                    MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/16  19:16:24.0  XRT_ARS_DIS_423_OG [0x1a7]
                                    MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/16  19:16:26.0  XRT_FLD_RESET_434_OG [0x1b2]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/16  19:18:56.0  XRT_QT_PROG_SET_422_OG [0x1a6]
                                    MDP_XRT_QT_PROG_SET  2 07-F0 c4 13
2025/10/16  19:18:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                    MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/16  19:19:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/16  19:38:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  19:38:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  19:38:58.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                    XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/16  19:39:00.0  AOCS_ORe-point_Start_9_OG [0x09f]
                                    AOCU_NM              5 02-76 00 22 66 01 f3
2025/10/16  19:39:18.0  XRT_FLD_ENA_411_OG [0x19b]
                                    MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/16  19:39:20.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                    MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/16  19:39:22.0  XRT_AEC_RESET_448_OG [0x1c0]
                                    MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/16  19:39:24.0  XRT_ARS_DIS_423_OG [0x1a7]
                                    MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/16  19:39:26.0  XRT_FLD_RESET_434_OG [0x1b2]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/16  19:41:56.0  XRT_QT_PROG_SET_422_OG [0x1a6]
                                    MDP_XRT_QT_PROG_SET  2 07-F0 c4 13
2025/10/16  19:41:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                    MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/16  19:42:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/16  20:05:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  20:05:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  20:05:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/16  20:05:06.0  XRT_PREFLR_STRT_404_OG [0x194]
                                    MDP_XRT_PREFLR_STRT  1 07-F0 e8
2025/10/16  20:08:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                    MDP_XRT_PREFLR_STOP  1 07-F0 e9
2025/10/16  20:29:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  20:29:26.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  20:29:28.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                    XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/16  20:29:30.0  AOCS_ORe-point_Start_10_OG [0x0a0]
                                    AOCU_NM              5 02-76 00 19 81 01 f3
2025/10/16  20:29:48.0  XRT_FLD_ENA_411_OG [0x19b]
                                    MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/16  20:29:50.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                    MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/16  20:29:52.0  XRT_AEC_RESET_448_OG [0x1c0]
                                    MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/16  20:29:54.0  XRT_ARS_DIS_423_OG [0x1a7]
                                    MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/16  20:29:56.0  XRT_FLD_RESET_434_OG [0x1b2]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/16  20:32:26.0  XRT_QT_PROG_SET_422_OG [0x1a6]
                                    MDP_XRT_QT_PROG_SET  2 07-F0 c4 13
2025/10/16  20:32:28.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                    MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/16  20:32:30.0  XRT_CTRL_AUTO_408_OG [0x198]
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                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/16  20:52:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  20:52:26.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  20:52:28.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/16  20:52:30.0  AOCS_ORe-point_Start_11_OG [0x0a1]
                                        AOCU_NM              5 02-76 00 10 9b 01 f3
2025/10/16  20:52:48.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/16  20:52:50.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/16  20:52:52.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/16  20:52:54.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/16  20:52:56.0  XRT_FLD_RESET_434_OG [0x1b2]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/16  20:55:26.0  XRT_QT_PROG_SET_422_OG [0x1a6]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 13
2025/10/16  20:55:28.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/16  20:55:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/16  21:15:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  21:15:26.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  21:15:28.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/16  21:15:30.0  AOCS_ORe-point_Start_12_OG [0x0a2]
                                        AOCU_NM              5 02-76 00 07 be 01 f3
2025/10/16  21:15:48.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/16  21:15:50.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/16  21:15:52.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/16  21:15:54.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/16  21:15:56.0  XRT_FLD_RESET_434_OG [0x1b2]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/16  21:18:26.0  XRT_QT_PROG_SET_422_OG [0x1a6]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 13
2025/10/16  21:18:28.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/16  21:18:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/16  21:42:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  21:42:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  21:42:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/16  21:42:06.0  XRT_PREFLR_STRT_404_OG [0x194]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2025/10/16  21:45:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2025/10/16  22:06:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  22:06:26.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  22:06:28.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/16  22:06:30.0  AOCS_ORe-point_Start_13_OG [0x0a3]
                                        AOCU_NM              5 02-76 00 ff bf 01 f3
2025/10/16  22:06:48.0  XRT_FLD_DIS_409_OG [0x199]
                                        MDP_XRT_FLD_DIS      1 07-F0 d9
2025/10/16  22:06:50.0  XRT_FLRCTRL_DIS_413_OG [0x19d]
                                        MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2025/10/16  22:06:52.0  XRT_ARS_DIS_435_OG [0x1b3]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/16  22:09:28.0  XRT_QT_PROG_SET_429_OG [0x1ad]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 06
2025/10/16  22:09:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/16  22:16:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  22:16:26.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  22:16:28.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/16  22:16:48.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/16  22:16:50.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/16  22:16:52.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/16  22:16:54.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/16  22:16:56.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
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2025/10/16  22:16:58.0  XRT_QT_PROG_SET_422_OG [0x1a6]
                                  MDP_XRT_QT_PROG_SET  2 07-F0 c4 13
2025/10/16  22:17:00.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                  MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/16  22:17:02.0  XRT_CTRL_AUTO_408_OG [0x198]
                                  MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/16  22:29:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                  MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  22:29:26.0  XRT_CTRL_MANU_402_OG [0x192]
                                  MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  22:29:28.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                  XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/16  22:29:30.0  AOCS_ORe-point_Start_14_OG [0x0a4]
                                  AOCU_NM              5 02-76 00 f6 da 01 f3
2025/10/16  22:29:48.0  XRT_FLD_ENA_411_OG [0x19b]
                                  MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/16  22:29:50.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                  MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/16  22:29:52.0  XRT_AEC_RESET_448_OG [0x1c0]
                                  MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/16  22:29:54.0  XRT_ARS_DIS_423_OG [0x1a7]
                                  MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/16  22:29:56.0  XRT_FLD_RESET_434_OG [0x1b2]
                                  MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/16  22:32:26.0  XRT_QT_PROG_SET_422_OG [0x1a6]
                                  MDP_XRT_QT_PROG_SET  2 07-F0 c4 13
2025/10/16  22:32:28.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                  MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/16  22:32:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                  MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/16  22:52:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                  MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  22:52:26.0  XRT_CTRL_MANU_402_OG [0x192]
                                  MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  22:52:28.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                  XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/16  22:52:30.5  AOCS_ORe-point_Start_15_OG [0x0a5]
                                  AOCU_NM              5 02-76 00 ed f4 01 f3
2025/10/16  22:52:48.0  XRT_FLD_ENA_411_OG [0x19b]
                                  MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/16  22:52:50.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                  MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/16  22:52:52.0  XRT_AEC_RESET_448_OG [0x1c0]
                                  MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/16  22:52:54.0  XRT_ARS_DIS_423_OG [0x1a7]
                                  MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/16  22:52:56.0  XRT_FLD_RESET_434_OG [0x1b2]
                                  MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/16  22:55:26.0  XRT_QT_PROG_SET_422_OG [0x1a6]
                                  MDP_XRT_QT_PROG_SET  2 07-F0 c4 13
2025/10/16  22:55:28.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                  MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/16  22:55:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                  MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/16  23:19:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                  MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  23:19:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                  MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  23:19:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                  MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/16  23:19:06.0  XRT_PREFLR_STRT_404_OG [0x194]
                                  MDP_XRT_PREFLR_STRT  1 07-F0 e8
2025/10/16  23:22:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                  MDP_XRT_PREFLR_STOP  1 07-F0 e9
2025/10/16  23:41:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                  MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  23:41:26.0  XRT_CTRL_MANU_402_OG [0x192]
                                  MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/16  23:41:28.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                  XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/16  23:41:30.0  AOCS_ORe-point_Start_16_OG [0x0a6]
                                  AOCU_NM              5 02-76 00 e5 0f 01 f3
2025/10/16  23:41:48.0  XRT_FLD_ENA_411_OG [0x19b]
                                  MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/16  23:41:50.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                  MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/16  23:41:52.0  XRT_AEC_RESET_448_OG [0x1c0]
                                  MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/16  23:41:54.0  XRT_ARS_DIS_423_OG [0x1a7]
                                  MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/16  23:41:56.0  XRT_FLD_RESET_434_OG [0x1b2]
                                  MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/16  23:44:26.0  XRT_QT_PROG_SET_422_OG [0x1a6]
                                  MDP_XRT_QT_PROG_SET  2 07-F0 c4 13
2025/10/16  23:44:28.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                  MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/16  23:44:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                  MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/17  00:04:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                  MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  00:04:26.0  XRT_CTRL_MANU_402_OG [0x192]
                                  MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  00:04:28.0  XRT_FOCUS_POSITION_406_OG [0x196]
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                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/17  00:04:30.0  AOCS_ORe-point_Start_17_OG [0x0a7]
                                        AOCU_NM              5 02-76 00 dc 32 01 f3
2025/10/17  00:04:48.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/17  00:04:50.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/17  00:04:52.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/17  00:04:54.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/17  00:04:56.0  XRT_FLD_RESET_434_OG [0x1b2]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/17  00:07:26.0  XRT_QT_PROG_SET_422_OG [0x1a6]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 13
2025/10/17  00:07:28.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/17  00:07:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/17  00:27:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  00:27:26.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  00:27:28.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/17  00:27:30.0  AOCS_ORe-point_Start_18_OG [0x0a8]
                                        AOCU_NM              5 02-76 00 d3 4c 01 f3
2025/10/17  00:27:48.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/17  00:27:50.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/17  00:27:52.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/17  00:27:54.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/17  00:27:56.0  XRT_FLD_RESET_434_OG [0x1b2]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/17  00:30:26.0  XRT_QT_PROG_SET_422_OG [0x1a6]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 13
2025/10/17  00:30:28.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/17  00:30:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/17  00:56:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  00:56:32.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  00:56:34.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/17  00:56:36.0  XRT_PREFLR_STRT_404_OG [0x194]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2025/10/17  00:59:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2025/10/17  01:06:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  01:06:26.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  01:06:28.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/17  01:06:30.0  AOCS_ORe-point_Start_19_OG [0x0a9]
                                        AOCU_NM              5 02-76 00 ca 67 01 f3
2025/10/17  01:06:48.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/17  01:06:50.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/17  01:06:52.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/17  01:06:54.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/17  01:06:56.0  XRT_FLD_RESET_434_OG [0x1b2]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/17  01:09:26.0  XRT_QT_PROG_SET_422_OG [0x1a6]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 13
2025/10/17  01:09:28.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/17  01:09:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/17  01:29:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  01:29:26.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  01:29:28.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/17  01:29:30.0  AOCS_ORe-point_Start_20_OG [0x0aa]
                                        AOCU_NM              5 02-76 00 c1 82 01 f3
2025/10/17  01:29:48.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/17  01:29:50.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/17  01:29:52.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/17  01:29:54.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
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2025/10/17  01:29:56.0  XRT_FLD_RESET_434_OG [0x1b2]
                                  MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/17  01:32:26.0  XRT_QT_PROG_SET_422_OG [0x1a6]
                                  MDP_XRT_QT_PROG_SET  2 07-F0 c4 13
2025/10/17  01:32:28.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                  MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/17  01:32:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                  MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/17  01:52:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                  MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  01:52:26.0  XRT_CTRL_MANU_402_OG [0x192]
                                  MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  01:52:28.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                  XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/17  01:52:30.0  AOCS_ORe-point_Start_21_OG [0x0ab]
                                  AOCU_NM              5 02-76 00 b8 9c 01 f3
2025/10/17  01:52:48.0  XRT_FLD_ENA_411_OG [0x19b]
                                  MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/17  01:52:50.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                  MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/17  01:52:52.0  XRT_AEC_RESET_448_OG [0x1c0]
                                  MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/17  01:52:54.0  XRT_ARS_DIS_423_OG [0x1a7]
                                  MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/17  01:52:56.0  XRT_FLD_RESET_434_OG [0x1b2]
                                  MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/17  01:55:26.0  XRT_QT_PROG_SET_422_OG [0x1a6]
                                  MDP_XRT_QT_PROG_SET  2 07-F0 c4 13
2025/10/17  01:55:28.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                  MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/17  01:55:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                  MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/17  02:21:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                  MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  02:21:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                  MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  02:21:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                  MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/17  02:21:06.0  XRT_PREFLR_STRT_404_OG [0x194]
                                  MDP_XRT_PREFLR_STRT  1 07-F0 e8
2025/10/17  02:24:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                  MDP_XRT_PREFLR_STOP  1 07-F0 e9
2025/10/17  02:39:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                  MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  02:39:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                  MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  02:39:58.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                  XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/17  02:40:00.0  AOCS_ORe-point_Start_22_OG [0x0ac]
                                  AOCU_NM              5 02-76 00 af bf 01 f3
2025/10/17  02:40:18.0  XRT_FLD_ENA_411_OG [0x19b]
                                  MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/17  02:40:20.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                  MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/17  02:40:22.0  XRT_AEC_RESET_448_OG [0x1c0]
                                  MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/17  02:40:24.0  XRT_ARS_DIS_423_OG [0x1a7]
                                  MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/17  02:40:26.0  XRT_FLD_RESET_434_OG [0x1b2]
                                  MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/17  02:42:56.0  XRT_QT_PROG_SET_422_OG [0x1a6]
                                  MDP_XRT_QT_PROG_SET  2 07-F0 c4 13
2025/10/17  02:42:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                  MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/17  02:43:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                  MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/17  03:02:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                  MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  03:02:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                  MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  03:02:58.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                  XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/17  03:03:00.0  AOCS_ORe-point_Start_2_OG [0x098]
                                  AOCU_NM              5 02-76 00 00 00 00 00
2025/10/17  03:03:18.0  XRT_FLD_ENA_411_OG [0x19b]
                                  MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/17  03:03:20.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                  MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/17  03:03:22.0  XRT_AEC_RESET_448_OG [0x1c0]
                                  MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/17  03:03:24.0  XRT_ARS_DIS_423_OG [0x1a7]
                                  MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/17  03:03:26.0  XRT_FLD_RESET_434_OG [0x1b2]
                                  MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/17  03:05:56.0  XRT_QT_PROG_SET_416_OG [0x1a0]
                                  MDP_XRT_QT_PROG_SET  2 07-F0 c4 04
2025/10/17  03:05:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                  MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/17  03:06:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                  MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/17  03:54:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                  MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  03:54:32.0  XRT_CTRL_MANU_402_OG [0x192]
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                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  03:54:34.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/17  03:54:36.0  XRT_PREFLR_STRT_404_OG [0x194]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2025/10/17  03:57:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2025/10/17  04:15:30.0  XRT_Custom_430_OG [0x1ae]
2025/10/17  04:16:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/17  05:23:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  05:23:32.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  05:23:34.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/17  05:23:36.0  XRT_PREFLR_STRT_404_OG [0x194]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2025/10/17  05:26:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2025/10/17  05:52:30.0  XRT_Custom_430_OG [0x1ae]
2025/10/17  05:53:30.5  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/17  06:04:10.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  06:04:12.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  06:04:14.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/17  06:04:34.0  XRT_FLD_DIS_409_OG [0x199]
                                        MDP_XRT_FLD_DIS      1 07-F0 d9
2025/10/17  06:04:36.0  XRT_FLRCTRL_DIS_413_OG [0x19d]
                                        MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2025/10/17  06:04:38.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/17  06:04:40.0  XRT_QT_PROG_SET_410_OG [0x19a]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 0c
2025/10/17  06:04:42.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/17  06:11:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  06:11:26.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  06:11:28.0  XRT_FOCUS_POSITION_414_OG [0x19e]
                                        XRT_FOCUS_POSITION   4 07-F8 22 fe 97 00
2025/10/17  06:11:30.0  AOCS_ORe-point_Start_1_OG [0x097]
                                        AOCU_NM              5 02-76 03 03 be 01 f3
2025/10/17  06:11:48.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/17  06:11:50.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/17  06:11:52.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/17  06:11:54.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/17  06:11:56.0  XRT_FLD_RESET_434_OG [0x1b2]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/17  06:14:26.0  XRT_QT_PROG_SET_440_OG [0x1b8]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 0a
2025/10/17  06:14:28.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/17  06:14:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/17  07:03:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  07:03:32.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  07:03:34.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/17  07:03:36.0  XRT_PREFLR_STRT_404_OG [0x194]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2025/10/17  07:06:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2025/10/17  07:29:30.0  XRT_Custom_430_OG [0x1ae]
2025/10/17  07:30:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/17  08:43:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  08:43:32.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  08:43:34.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/17  08:43:36.0  XRT_PREFLR_STRT_404_OG [0x194]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2025/10/17  08:46:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2025/10/17  09:06:30.0  XRT_Custom_430_OG [0x1ae]
2025/10/17  09:07:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/17  10:23:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  10:23:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
```

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2025/10/17  10:23:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/17  10:23:06.0  XRT_PREFLR_STRT_404_OG [0x194]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2025/10/17  10:26:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2025/10/17  10:41:30.0  XRT_Custom_430_OG [0x1ae]
2025/10/17  10:42:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/17  11:45:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  11:45:26.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  11:45:28.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/17  11:45:30.0  AOCS_ORe-point_Start_23_OG [0x0ad]
                                        AOCU_NM              5 02-76 00 03 be ad 59
2025/10/17  11:45:48.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/17  11:45:50.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/17  11:45:52.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/17  11:45:54.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/17  11:45:56.0  XRT_FLD_RESET_434_OG [0x1b2]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/17  11:48:26.0  XRT_QT_PROG_SET_446_OG [0x1be]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 10
2025/10/17  11:48:28.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/17  11:48:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/17  15:29:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  15:29:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  15:29:58.0  XRT_FOCUS_POSITION_414_OG [0x19e]
                                        XRT_FOCUS_POSITION   4 07-F8 22 fe 97 00
2025/10/17  15:30:00.0  AOCS_ORe-point_Start_1_OG [0x097]
                                        AOCU_NM              5 02-76 03 03 be 01 f3
2025/10/17  15:30:18.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/17  15:30:20.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/17  15:30:22.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/17  15:30:24.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/17  15:30:26.0  XRT_FLD_RESET_434_OG [0x1b2]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/17  15:32:56.0  XRT_QT_PROG_SET_431_OG [0x1af]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 08
2025/10/17  15:32:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/17  15:33:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/17  15:48:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  15:48:32.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  15:48:34.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/17  15:48:36.0  XRT_PREFLR_STRT_404_OG [0x194]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2025/10/17  15:51:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2025/10/17  16:00:00.0  XRT_Custom_430_OG [0x1ae]
2025/10/17  16:01:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/17  17:23:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  17:23:32.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  17:23:34.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/17  17:23:36.0  XRT_PREFLR_STRT_404_OG [0x194]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2025/10/17  17:26:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2025/10/17  17:47:00.0  XRT_Custom_430_OG [0x1ae]
2025/10/17  17:48:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/17  18:01:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  18:01:26.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  18:01:28.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/17  18:01:30.0  AOCS_ORe-point_Start_2_OG [0x098]
                                        AOCU_NM              5 02-76 00 00 00 00 00
2025/10/17  18:01:48.0  XRT_FLD_DIS_409_OG [0x199]
                                        MDP_XRT_FLD_DIS      1 07-F0 d9
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2025/10/17  18:01:50.0  XRT_FLRCTRL_DIS_413_OG [0x19d]
                                   MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2025/10/17  18:01:52.0  XRT_ARS_DIS_435_OG [0x1b3]
                                   MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/17  18:04:28.0  XRT_QT_PROG_SET_429_OG [0x1ad]
                                   MDP_XRT_QT_PROG_SET  2 07-F0 c4 06
2025/10/17  18:04:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                   MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/17  18:11:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                   MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  18:11:26.0  XRT_CTRL_MANU_402_OG [0x192]
                                   MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  18:11:28.0  XRT_FOCUS_POSITION_414_OG [0x19e]
                                   XRT_FOCUS_POSITION   4 07-F8 22 fe 97 00
2025/10/17  18:11:30.0  AOCS_ORe-point_Start_1_OG [0x097]
                                   AOCU_NM              5 02-76 03 03 be 01 f3
2025/10/17  18:11:48.0  XRT_FLD_ENA_411_OG [0x19b]
                                   MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/17  18:11:50.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                   MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/17  18:11:52.0  XRT_AEC_RESET_448_OG [0x1c0]
                                   MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/17  18:11:54.0  XRT_ARS_DIS_423_OG [0x1a7]
                                   MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/17  18:11:56.0  XRT_FLD_RESET_434_OG [0x1b2]
                                   MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/17  18:14:26.0  XRT_QT_PROG_SET_431_OG [0x1af]
                                   MDP_XRT_QT_PROG_SET  2 07-F0 c4 08
2025/10/17  18:14:28.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                   MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/17  18:14:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                   MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/17  19:00:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                   MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  19:00:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                   MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  19:00:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                   MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/17  19:00:06.0  XRT_PREFLR_STRT_404_OG [0x194]
                                   MDP_XRT_PREFLR_STRT  1 07-F0 e8
2025/10/17  19:03:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                   MDP_XRT_PREFLR_STOP  1 07-F0 e9
2025/10/17  19:23:30.0  XRT_Custom_430_OG [0x1ae]
2025/10/17  19:24:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                   MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/17  19:51:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                   MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  19:51:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                   MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  19:51:58.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                   XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/17  19:52:00.0  AOCS_ORe-point_Start_24_OG [0x0ae]
                                   AOCU_NM              5 02-76 00 b3 bf 01 f3
2025/10/17  19:52:18.0  XRT_FLD_ENA_411_OG [0x19b]
                                   MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/17  19:52:20.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                   MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/17  19:52:22.0  XRT_AEC_RESET_448_OG [0x1c0]
                                   MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/17  19:52:24.0  XRT_ARS_DIS_423_OG [0x1a7]
                                   MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/17  19:52:26.0  XRT_FLD_RESET_434_OG [0x1b2]
                                   MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/17  19:54:56.0  XRT_QT_PROG_SET_403_OG [0x193]
                                   MDP_XRT_QT_PROG_SET  2 07-F0 c4 03
2025/10/17  19:54:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                   MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/17  19:55:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                   MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/17  20:37:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                   MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  20:37:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                   MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  20:37:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                   MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/17  20:37:06.0  XRT_PREFLR_STRT_404_OG [0x194]
                                   MDP_XRT_PREFLR_STRT  1 07-F0 e8
2025/10/17  20:40:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                   MDP_XRT_PREFLR_STOP  1 07-F0 e9
2025/10/17  21:00:00.0  XRT_Custom_430_OG [0x1ae]
2025/10/17  21:01:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                   MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/17  22:14:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                   MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  22:14:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                   MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  22:14:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                   MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/17  22:14:06.0  XRT_PREFLR_STRT_404_OG [0x194]
                                   MDP_XRT_PREFLR_STRT  1 07-F0 e8
2025/10/17  22:17:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                   MDP_XRT_PREFLR_STOP  1 07-F0 e9
2025/10/17  22:37:00.0  XRT_Custom_430_OG [0x1ae]
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2025/10/17  22:38:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/17  23:51:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  23:51:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  23:51:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/17  23:51:06.0  XRT_PREFLR_STRT_404_OG [0x194]
                                    MDP_XRT_PREFLR_STRT  1 07-F0 e8
2025/10/17  23:54:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                    MDP_XRT_PREFLR_STOP  1 07-F0 e9
2025/10/17  23:59:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  23:59:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/17  23:59:58.0  XRT_FOCUS_POSITION_414_OG [0x19e]
                                    XRT_FOCUS_POSITION   4 07-F8 22 fe 97 00
2025/10/18  00:00:00.0  AOCS_ORe-point_Start_25_OG [0x0af]
                                    AOCU_NM              5 02-76 00 e4 01 b4 01
2025/10/18  00:00:18.0  XRT_FLD_ENA_411_OG [0x19b]
                                    MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/18  00:00:20.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                    MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/18  00:00:22.0  XRT_AEC_RESET_448_OG [0x1c0]
                                    MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/18  00:00:24.0  XRT_ARS_DIS_423_OG [0x1a7]
                                    MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/18  00:00:26.0  XRT_FLD_RESET_434_OG [0x1b2]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/18  00:02:56.0  XRT_QT_PROG_SET_431_OG [0x1af]
                                    MDP_XRT_QT_PROG_SET  2 07-F0 c4 08
2025/10/18  00:02:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                    MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/18  00:11:30.0  XRT_Custom_430_OG [0x1ae]
2025/10/18  00:12:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/18  01:28:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/18  01:28:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/18  01:28:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/18  01:28:06.0  XRT_PREFLR_STRT_404_OG [0x194]
                                    MDP_XRT_PREFLR_STRT  1 07-F0 e8
2025/10/18  01:31:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                    MDP_XRT_PREFLR_STOP  1 07-F0 e9
2025/10/18  01:35:00.0  XRT_Custom_430_OG [0x1ae]
2025/10/18  01:36:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/18  02:51:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/18  02:51:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/18  02:51:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/18  02:51:06.0  XRT_PREFLR_STRT_404_OG [0x194]
                                    MDP_XRT_PREFLR_STRT  1 07-F0 e8
2025/10/18  02:54:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                    MDP_XRT_PREFLR_STOP  1 07-F0 e9
2025/10/18  03:10:00.0  XRT_Custom_430_OG [0x1ae]
2025/10/18  03:11:00.5  XRT_CTRL_AUTO_424_OG [0x1a8]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/18  03:59:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/18  03:59:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/18  03:59:58.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                    XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/18  04:00:00.0  AOCS_ORe-point_Start_2_OG [0x098]
                                    AOCU_NM              5 02-76 00 00 00 00 00
2025/10/18  04:00:18.0  XRT_FLD_ENA_411_OG [0x19b]
                                    MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/18  04:00:20.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                    MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/18  04:00:22.0  XRT_AEC_RESET_448_OG [0x1c0]
                                    MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/18  04:00:24.0  XRT_ARS_DIS_423_OG [0x1a7]
                                    MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/18  04:00:26.0  XRT_FLD_RESET_434_OG [0x1b2]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/18  04:02:56.0  XRT_QT_PROG_SET_416_OG [0x1a0]
                                    MDP_XRT_QT_PROG_SET  2 07-F0 c4 04
2025/10/18  04:02:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                    MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/18  04:03:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/18  04:26:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/18  04:26:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/18  04:26:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
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2025/10/18  04:26:06.0  XRT_PREFLR_STRT_404_OG [0x194]
                                    MDP_XRT_PREFLR_STRT  1 07-F0 e8
2025/10/18  04:29:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                    MDP_XRT_PREFLR_STOP  1 07-F0 e9
2025/10/18  04:47:00.0  XRT_Custom_430_OG [0x1ae]
2025/10/18  04:48:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/18  05:32:00.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/18  05:32:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/18  05:32:04.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                    XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2025/10/18  05:32:24.0  XRT_FLD_DIS_409_OG [0x199]
                                    MDP_XRT_FLD_DIS      1 07-F0 d9
2025/10/18  05:32:26.0  XRT_FLRCTRL_DIS_413_OG [0x19d]
                                    MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2025/10/18  05:32:28.0  XRT_ARS_DIS_423_OG [0x1a7]
                                    MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/18  05:32:30.0  XRT_QT_PROG_SET_410_OG [0x19a]
                                    MDP_XRT_QT_PROG_SET  2 07-F0 c4 0c
2025/10/18  05:32:32.0  XRT_CTRL_AUTO_408_OG [0x198]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/18  05:39:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/18  05:39:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/18  05:39:58.0  XRT_FOCUS_POSITION_414_OG [0x19e]
                                    XRT_FOCUS_POSITION   4 07-F8 22 fe 97 00
2025/10/18  05:40:00.0  AOCS_ORe-point_Start_25_OG [0x0af]
                                    AOCU_NM              5 02-76 00 e4 01 b4 01
2025/10/18  05:40:18.0  XRT_FLD_ENA_411_OG [0x19b]
                                    MDP_XRT_FLD_ENA      1 07-F0 d8
2025/10/18  05:40:20.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                    MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2025/10/18  05:40:22.0  XRT_AEC_RESET_448_OG [0x1c0]
                                    MDP_XRT_AEC_RESET    1 07-F0 d0
2025/10/18  05:40:24.0  XRT_ARS_DIS_423_OG [0x1a7]
                                    MDP_XRT_ARS_DIS      1 07-F0 d5
2025/10/18  05:40:26.0  XRT_FLD_RESET_434_OG [0x1b2]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/18  05:42:56.0  XRT_QT_PROG_SET_440_OG [0x1b8]
                                    MDP_XRT_QT_PROG_SET  2 07-F0 c4 0a
2025/10/18  05:42:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                    MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2025/10/18  05:43:00.5  XRT_CTRL_AUTO_408_OG [0x198]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/18  05:56:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/18  05:56:32.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/18  05:56:34.0  XRT_FLD_RESET_415_OG [0x19f]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/18  05:56:36.0  XRT_PREFLR_STRT_404_OG [0x194]
                                    MDP_XRT_PREFLR_STRT  1 07-F0 e8
2025/10/18  05:59:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                    MDP_XRT_PREFLR_STOP  1 07-F0 e9
2025/10/18  06:24:00.0  XRT_Custom_430_OG [0x1ae]
2025/10/18  06:25:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/18  07:36:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/18  07:36:32.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/18  07:36:34.0  XRT_FLD_RESET_415_OG [0x19f]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/18  07:36:36.0  XRT_PREFLR_STRT_404_OG [0x194]
                                    MDP_XRT_PREFLR_STRT  1 07-F0 e8
2025/10/18  07:39:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                    MDP_XRT_PREFLR_STOP  1 07-F0 e9
2025/10/18  08:01:30.0  XRT_Custom_430_OG [0x1ae]
2025/10/18  08:02:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/18  09:16:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/18  09:16:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/18  09:16:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/18  09:16:06.0  XRT_PREFLR_STRT_404_OG [0x194]
                                    MDP_XRT_PREFLR_STRT  1 07-F0 e8
2025/10/18  09:19:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                    MDP_XRT_PREFLR_STOP  1 07-F0 e9
2025/10/18  09:38:00.0  XRT_Custom_430_OG [0x1ae]
2025/10/18  09:39:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/18  10:56:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/18  10:56:32.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/18  10:56:34.0  XRT_FLD_RESET_415_OG [0x19f]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2025/10/18  10:56:36.0  XRT_PREFLR_STRT_404_OG [0x194]
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                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2025/10/18  10:59:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2025/10/18  11:11:00.0  XRT_Custom_430_OG [0x1ae]
2025/10/18  11:12:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2025/10/18  11:41:10.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2025/10/18  12:01:00.0  AOCS_ORe-point_Start_2_OG [0x098]
                                        AOCU_NM              5 02-76 00 00 00 00 00
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