XRT Timeline to be uploaded on 2026/10/06

Period: 2026/10/06 10:43:00 - 2026/10/10 11:11:00

* * * * * **Normal mode** * * * * *

XOB #1D03: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 1st Quadrant -Al/mesh(2048ms) - 1x1, Al/Poly(1443ms) - 2x2 - w leak image-1msC0

Term	Pointing (x, y)	Comment
10/07 12:13:00 - 10/07 12:19:54	Fixed (-528.4, -528.4)	Post bakeout Q1

PROG= 04 1-time(s)

Subr= 1 1-time(s) 2.0sec

Seqn= 51 1-time(s) 2.0sec

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

Subr= 2 1-time(s) 120.0sec

Seqn= 93 2-time(s) 2.0sec

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

Subr= 3 2-time(s) 2.0sec

Seqn= 34 1-time(s) 60.0sec

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

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

Term	Pointing (x, y)	Comment
10/07 12:23:00 - 10/07 12:29:54	Fixed (528.4, -528.4)	Post bakeout Q2

PROG= 01 1-time(s)

Subr= 1 1-time(s) 2.0sec

Seqn= 38 1-time(s) 2.0sec

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

Subr= 2 1-time(s) 120.0sec

Seqn= 93 2-time(s) 2.0sec

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

Subr= 3 2-time(s) 2.0sec

Seqn= 34 1-time(s) 60.0sec

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

XOB #1D05: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 3rd Quadrant -Al/mesh(2048ms) - 1x1, Al/Poly(1443ms) - 2x2 - w leak image-1msC0

Term	Pointing (x, y)	Comment
10/07 12:33:00 - 10/07 12:39:54	Fixed (528.4, 528.4)	Post bakeout Q3

PROG= 07 1-time(s)

Subr= 1 1-time(s) 2.0sec

Seqn= 21 1-time(s) 2.0sec

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

Subr= 2 1-time(s) 120.0sec

Seqn= 93 2-time(s) 2.0sec

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

Subr= 3 2-time(s) 2.0sec

Seqn= 34 1-time(s) 60.0sec

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

XOB #1D06: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 4th Quadrant -Al/mesh(2048ms) - 1x1, Al/Poly(1443ms) - 2x2 - w leak image-1msC0

Term	Pointing (x, y)	Comment
10/07 12:43:00 - 10/07 12:49:54	Fixed (-528.4, 528.4)	Post bakeout Q4

PROG= 13 1-time(s)

Subr= 1 1-time(s) 2.0sec

Seqn= 14 1-time(s) 2.0sec

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

Subr= 2 1-time(s) 120.0sec

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

XOB #1D2F: Synoptic 8 Filter w/ Al-mesh(5/181/1443), Al-poly(12/256/2048), Thin-Be(45/1024/8192), Thick-Be(65536), Med-Al(256/8192/32768), Med-Be(128/5

Term	Pointing (x, y)	Comment
10/07 12:53:00 - 10/07 12:59:54	Fixed (0.0, 0.0)	Post bakeout synoptics
10/07 17:08:00 - 10/07 17:14:54	Fixed (0.0, 0.0)	synoptic
10/08 06:30:30 - 10/08 06:37:24	Fixed (0.0, 0.0)	synoptic, shifted 27.5 min

PROG= 17 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= 66 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	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Seqn= 22 1-time(s) 2.0sec													
Al-poly/Open	Al-poly/Open	close	Safe	Norm	12ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Al-poly/Open	Al-poly/Open	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Seqn= 19 1-time(s) 2.0sec													
thin-Be/Open	thin-Be/Open	close	Safe	Norm	44ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
thin-Be/Open	thin-Be/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
thin-Be/Open	thin-Be/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Seqn= 23 1-time(s) 4.0sec													
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec	
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Subr= 2 1-time(s) 2.0sec													
Seqn= 65 1-time(s) 2.0sec													
Open/thick-Be	Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec	
Seqn= 17 1-time(s) 2.0sec													
med-Al/Open	med-Al/thick-Al	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
med-Al/Open	med-Al/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
med-Al/Open	med-Al/Open	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Seqn= 33 1-time(s) 2.0sec													
med-Be/Open	Open/thick-Al	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
med-Be/Open	med-Be/Open	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
med-Be/Open	med-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Seqn= 89 1-time(s) 2.0sec													
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval	

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

Term	Pointing (x, y)	Comment
10/07 13:03:00 - 10/07 17:04:54	Fixed (-23.0, -964.0)	HOP 81 south pole

PROG= 10 Inf.-time(s)													
Subr= 1 1-time(s) 2.0sec													
Seqn= 16 2-time(s) 2.0sec													
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec	
Subr= 2 1-time(s) 2.0sec													
Seqn= 90 1-time(s) 30.0sec													
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec	
Subr= 3 60-time(s) 60.0sec													
Seqn= 24 1-time(s) 30.0sec													
Al-poly/Open	Al-poly/Open	close	Safe	Norm	5.66s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec	
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval	

XOB #1CA7: AR - Filter-Ratio with thin-Be (long/short pairs) and Med-Be (short) with PFB, 384x384 at 1064 1048, with G-band (1ms/1ms VLS=CLS), 120 ca

Term	Pointing (x, y)	Comment
10/07 17:42:00 - 10/07 23:29:54	Track (837.5, 167.6) @ 10/07 17:15:00	HOP 548 AR 14547

PROG= 05 Inf.-time(s)													
Subr= 1 1-time(s) 2.0sec													
Seqn= 92 1-time(s) 2.0sec													
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec	
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec	
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec	

Subr= 2 60-time(s) 120.0sec

Seqn= 37 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
thin-Be/Open	med-Be/Open	close	Safe	Norm	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
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec

Seqn= 59 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec

XOB #1CE7: AR - Filter-Ratio with thin-Be (long/short pairs) and Med-Be (short) with PFB, 384x384 at 1064 1048, with G-band (1ms/1ms VLS=CLS), 180 cad

Term	Pointing (x, y)	Comment
10/07 23:33:00 - 10/08 04:20:00	Track (164.1, 19.5) @ 10/07 23:30:00	AR 14549
10/08 06:40:30 - 10/08 11:23:54	Track (227.6, 21.5) @ 10/08 06:37:30	AR 14549

PROG= 02 Inf.-time(s)

Subr= 1 1-time(s) 2.0sec

Seqn= 92 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	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 60-time(s) 180.0sec

Seqn= 37 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
thin-Be/Open	med-Be/Open	close	Safe	Norm	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
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec

Seqn= 59 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec

XOB #1C47: HOP349 - 3-filter Synoptics (Al-mesh[8/181/2897], Al-poly[16/181/4096], thin-Be[64/1024/11571] with 512x512 G-band+Leak(1064,1048) - 45 min

Term	Pointing (x, y)	Comment
10/08 04:42:00 - 10/08 06:27:24	Fixed (0.0, 0.0)	HOP 349

PROG= 09 Inf.-time(s)

Subr= 1 1-time(s) 300.0sec

Seqn=100 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	8ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec

Seqn= 84 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
Al-poly/Open	Al-poly/Open	close	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec

Seqn= 57 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
thin-Be/Open	thin-Be/Open	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	11.3s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec

Seqn= 81 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1064, 1048)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1064, 1048)	Q=95	0	0	2.0sec

Subr= 2 15-time(s) 180.0sec

Seqn= 8 1-time(s) 2.0sec

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

Seqn= 6 1-time(s) 2.0sec

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

Seqn= 29 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec

* * * * * **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
10/07 13:03:00 - 10/07 17:04:54	Fixed (-23.0, -964.0)	HOP 81 south pole
10/07 17:42:00 - 10/07 23:29:54	Track (837.5, 167.6) @ 10/07 17:15:00	HOP 548 AR 14547
10/07 23:33:00 - 10/08 04:20:00	Track (164.1, 19.5) @ 10/07 23:30:00	AR 14549
10/08 04:42:00 - 10/08 06:27:24	Fixed (0.0, 0.0)	HOP 349
10/08 06:40:30 - 10/08 11:23:54	Track (227.6, 21.5) @ 10/08 06:37:30	AR 14549

PROG= 14 30-time(s)

Subr= 1 1-time(s) 2.0sec

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

Active Region Search

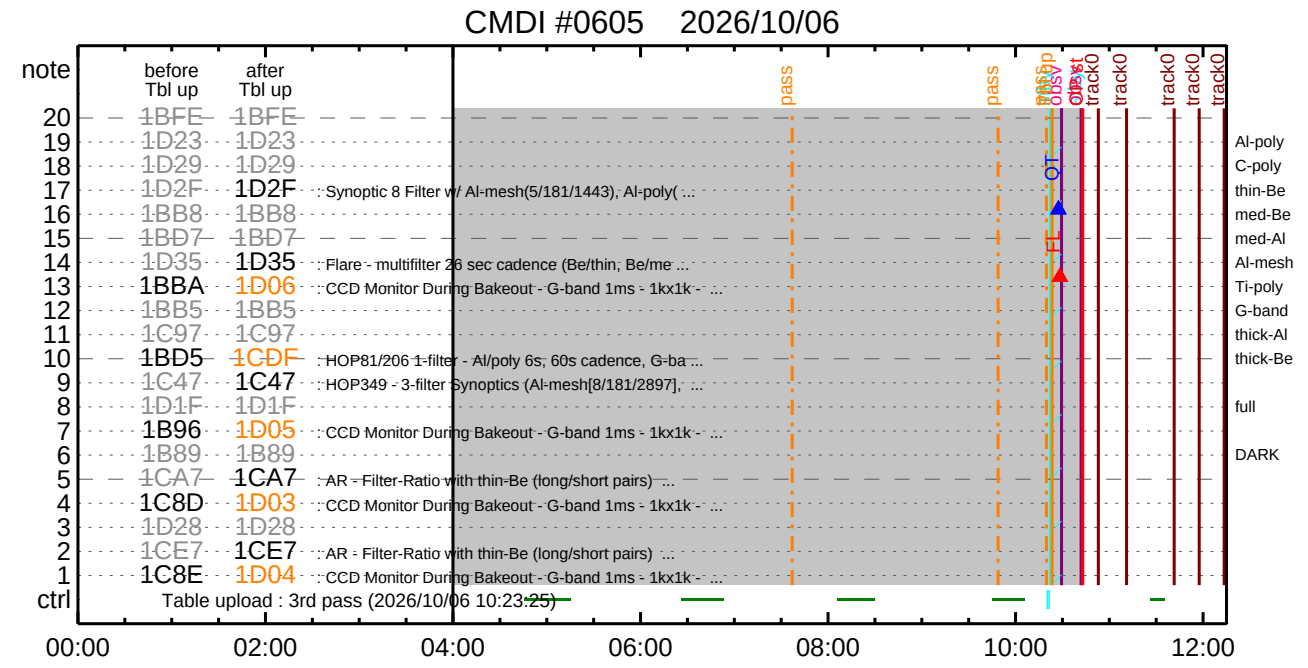
NOT USED

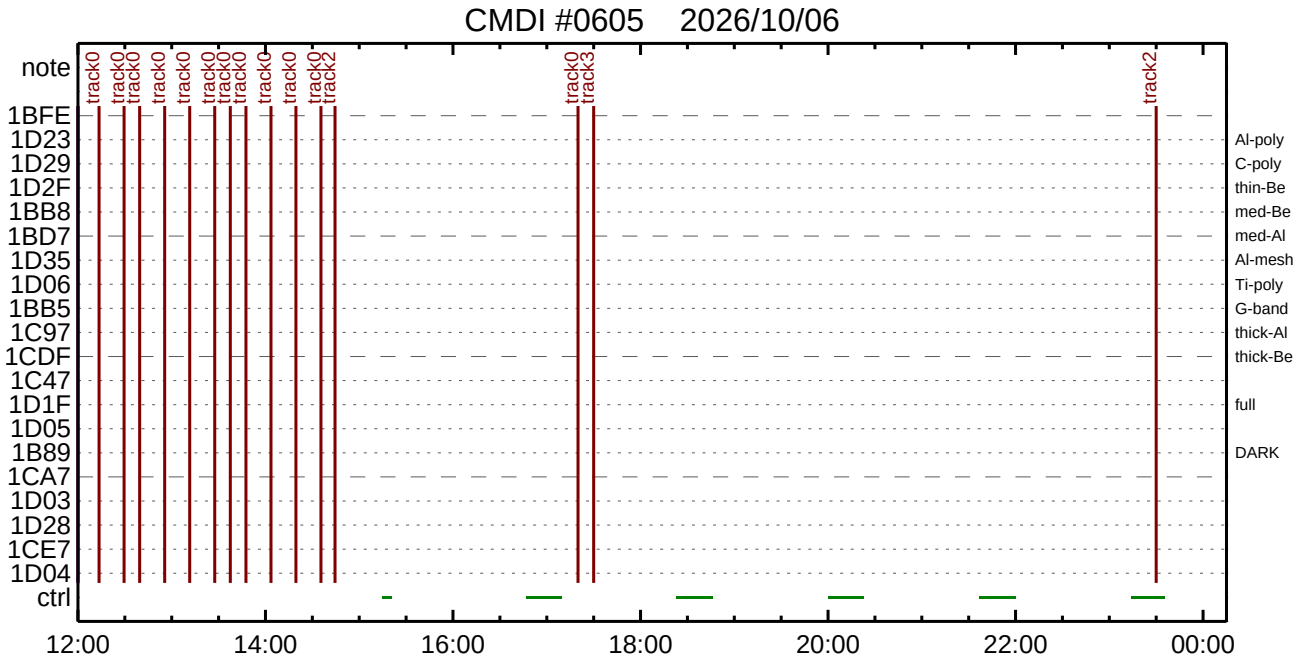
Flare Detection

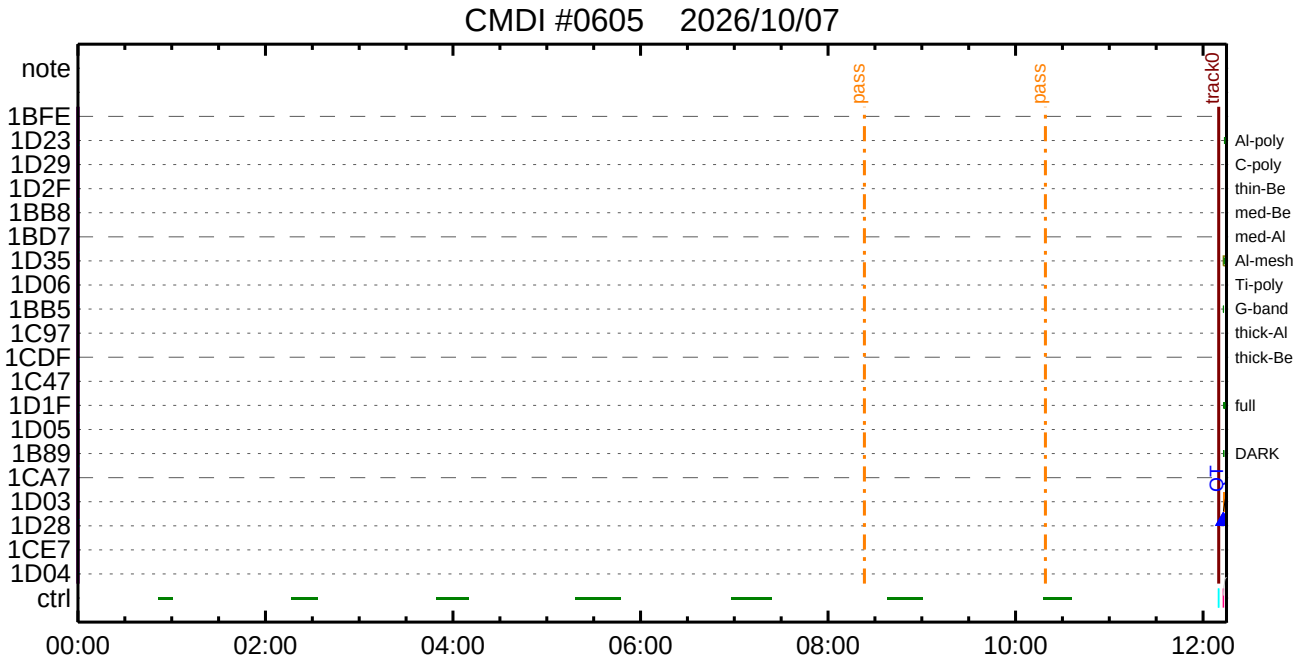
FLD Patrol

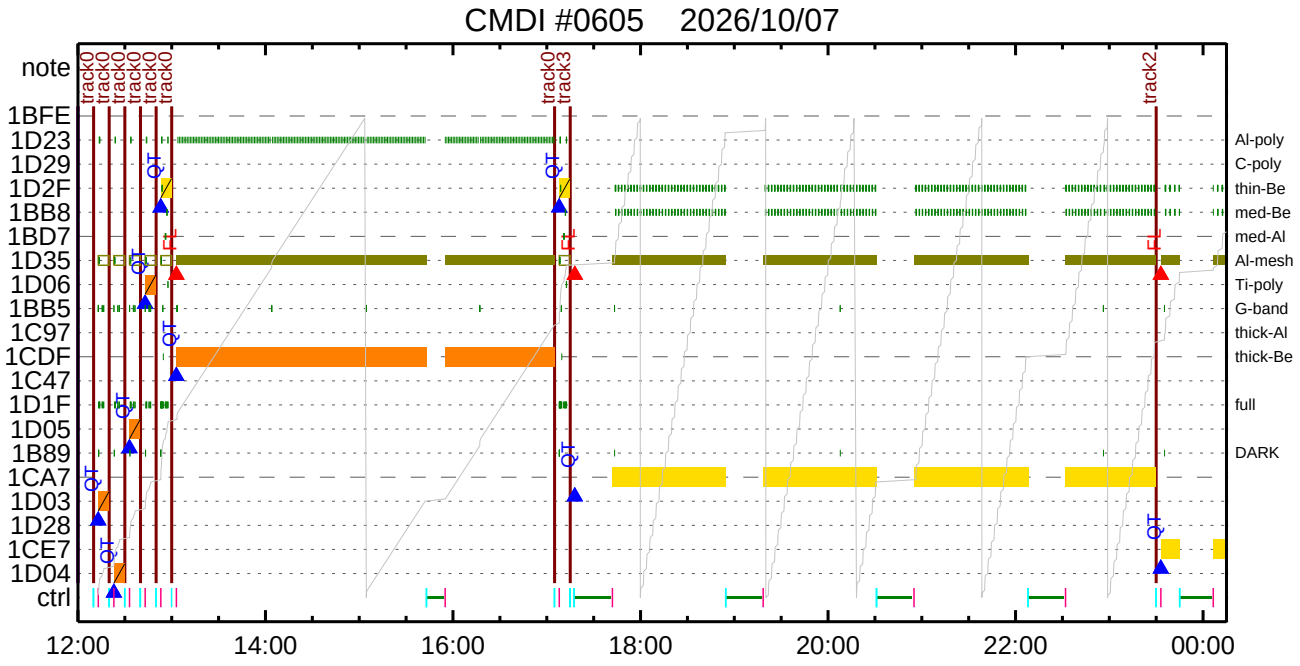
Term	Pointing (x, y)	Comment
10/06 10:24:25 - 10/07 12:12:56	cannot be identified	
10/07 13:00:16 - 10/07 17:05:18	Fixed (-23.0, -964.0)	HOP 81 south pole
10/07 17:15:18 - 10/08 06:27:48	Track (837.5, 167.6) @ 10/07 17:15:00	HOP 548 AR 14547
10/08 06:37:48 - 10/10 11:11:00	Track (227.6, 21.5) @ 10/08 06:37:30	AR 14549

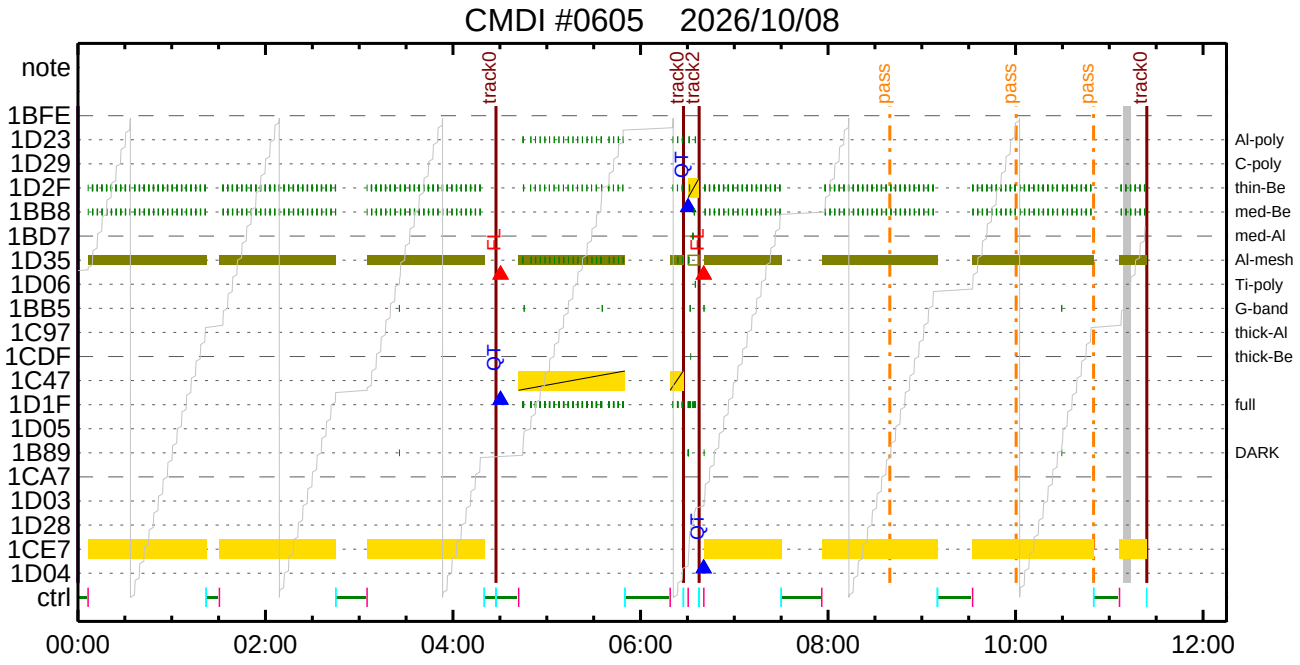
Al-poly/Open	Al-poly/Open	close	Safe	Norm	4ms	Obs	8x8		Q=50			30sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval

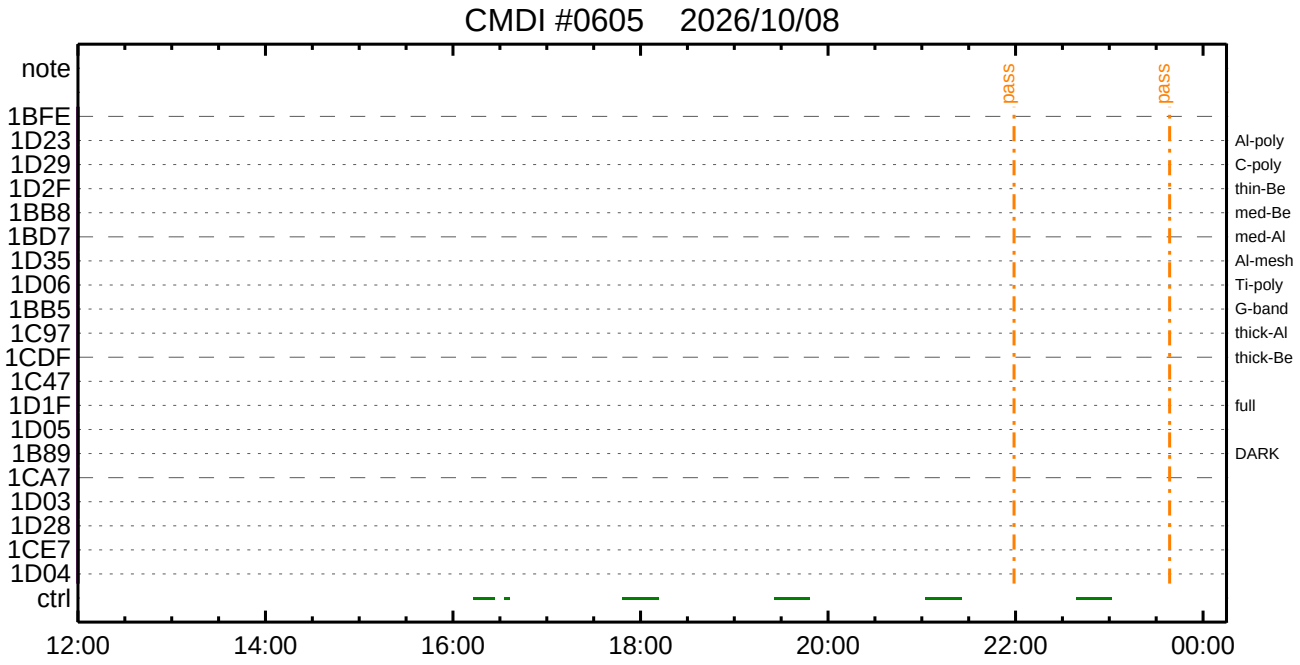

CMDI #0605 2026/10/06
note
before Tbl up
after Tbl up
20 1BFE 1BFE
19 1D23 1D23
18 1D29 1D29
17 1D2F 1D2F : Synoptic 8 Filter w/ Al-mesh(5/181/1443), Al-poly(...
16 1BB8 1BB8
15 1BD7 1BD7
14 1D35 1D35 : Flare - multifilter 26 sec cadence (Be/thin, Be/me ...
13 1BBA 1D06 : CCD Monitor During Bakeout - G-band 1ms - 1kx1k - ...
12 1BB5 1BB5
11 1C97 1C97
10 1BD5 1CDF : HOP81/206 1-filter - Al/poly 6s, 60s cadence, G-ba ...
9 1C47 1C47 : HOP349 - 3-filter Synoptics (Al-mesh[8/181/2897], ...
8 1D1F 1D1F
7 1B96 1D05 : CCD Monitor During Bakeout - G-band 1ms - 1kx1k - ...
6 1B89 1B89
5 1CA7 1CA7 : AR - Filter-Ratio with thin-Be (long/short pairs) ...
4 1C8D 1D03 : CCD Monitor During Bakeout - G-band 1ms - 1kx1k - ...
3 1D28 1D28
2 1CE7 1CE7 : AR - Filter-Ratio with thin-Be (long/short pairs) ...
1 1C8E 1D04 : CCD Monitor During Bakeout - G-band 1ms - 1kx1k - ...
ctrl Table upload : 3rd pass (2026/10/06 10:23:25)
pass
pass
track0
track0
track0
track0
OT
FL
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

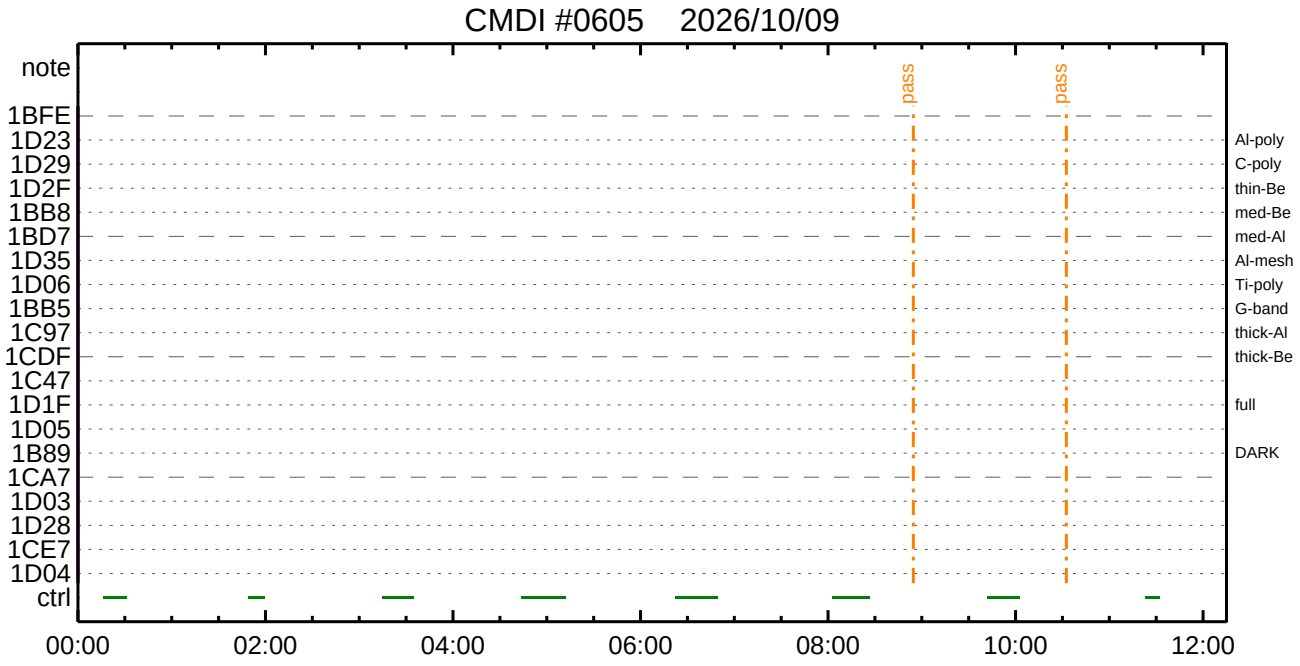

CMDI #0605 2026/10/06
note
track0
track2
track0
track3
track2
1BFE
1D23
1D29
1D2F
1BB8
1BD7
1D35
1D06
1BB5
1C97
1CDF
1C47
1D1F
1D05
1B89
1CA7
1D03
1D28
1CE7
1D04
ctrl
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
12:00
14:00
16:00
18:00
20:00
22:00
00:00

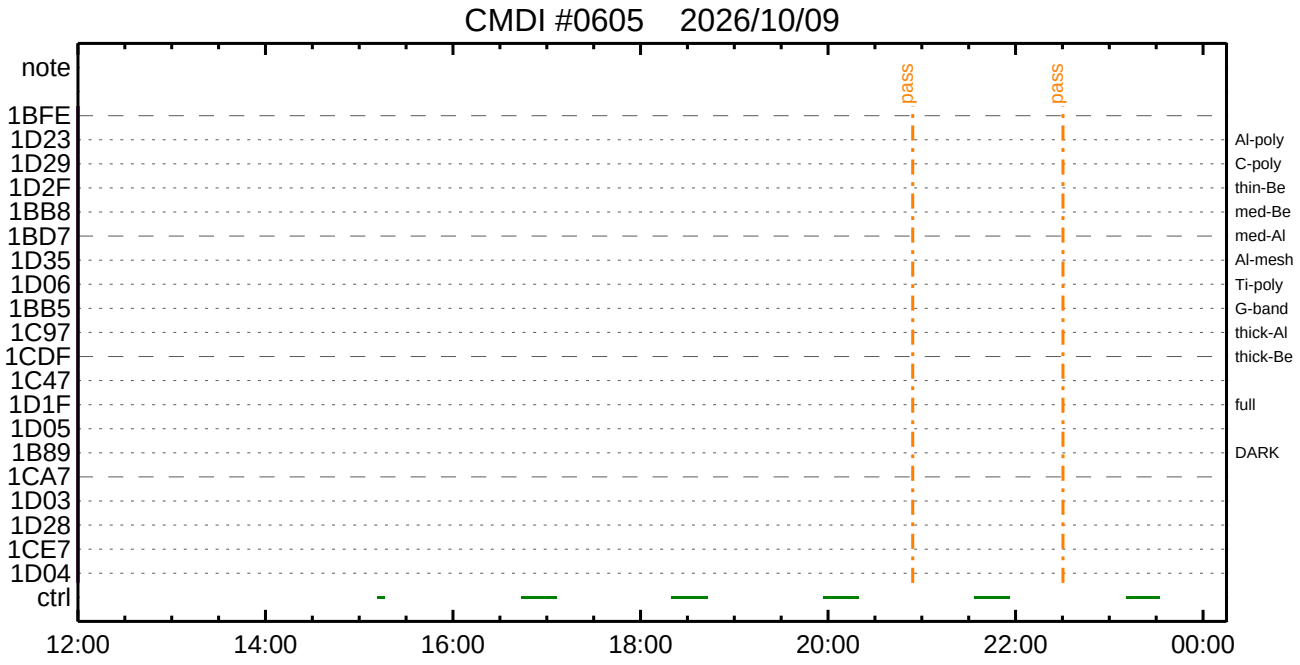

CMDI #0605 2026/10/07
note
pass
pass
track0
OT
1BFE
1D23
1D29
1D2F
1BB8
1BD7
1D35
1D06
1BB5
1C97
1CDF
1C47
1D1F
1D05
1B89
1CA7
1D03
1D28
1CE7
1D04
ctrl
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
00:00
02:00
04:00
06:00
08:00
10:00
12:00

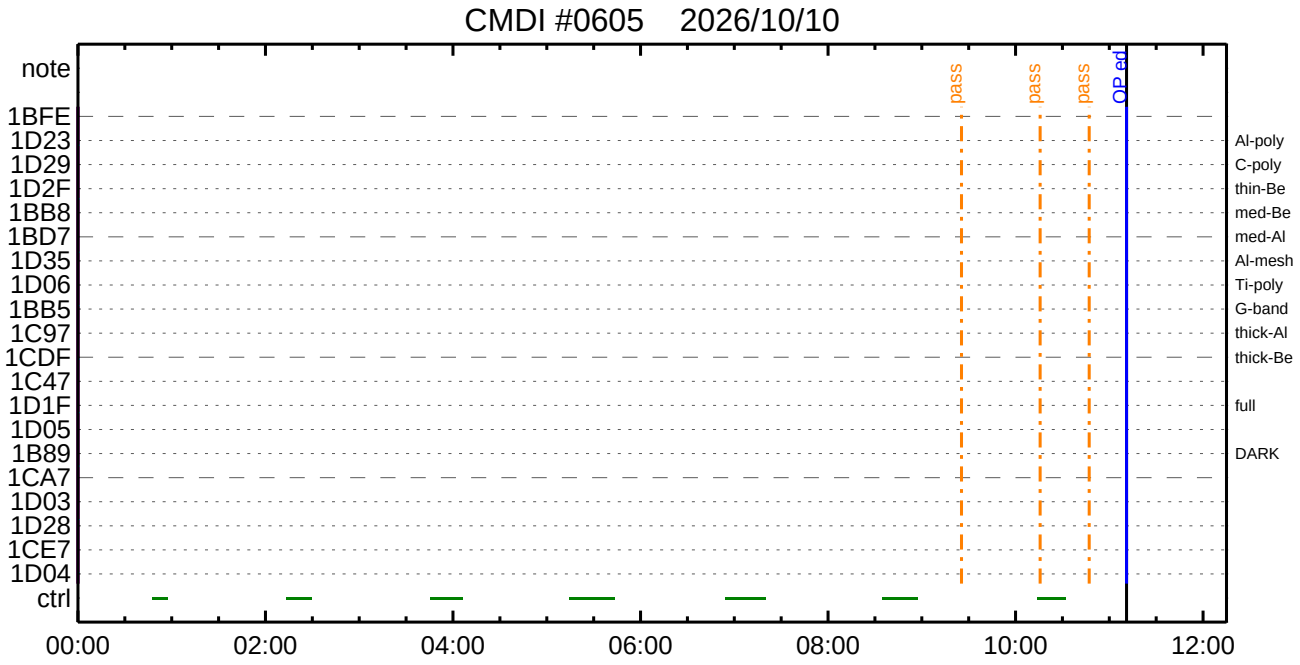

CMDI #0605 2026/10/07
note
1BFE
1D23
1D29
1D2F
1BB8
1BD7
1D35
1D06
1BB5
1C97
1CDF
1C47
1D1F
1D05
1B89
1CA7
1D03
1D28
1CE7
1D04
ctrl
track0
track3
track2
QT
FF
12:00
14:00
16:00
18:00
20:00
22:00
00:00
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK

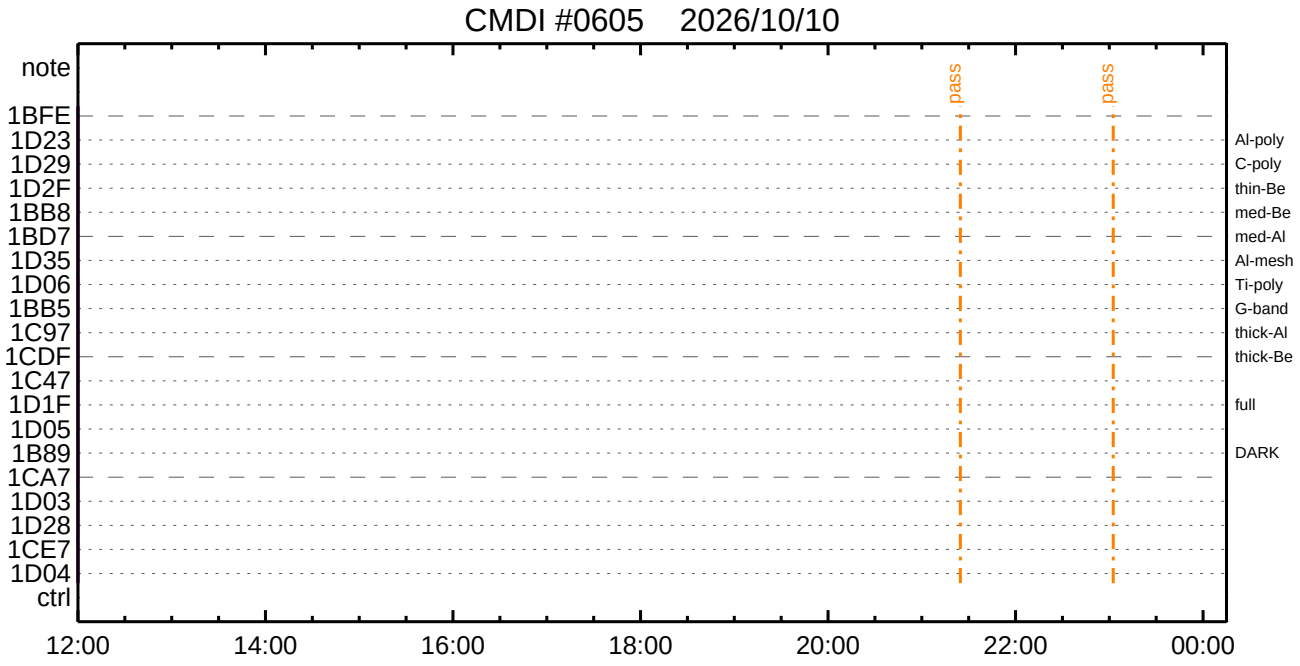

CMDI #0605 2026/10/08
note
1BFE
1D23
1D29
1D2F
1BB8
1BD7
1D35
1D06
1BB5
1C97
1CDF
1C47
1D1F
1D05
1B89
1CA7
1D03
1D28
1CE7
1D04
ctrl
track0
track2
pass
QT
FF
00:00
02:00
04:00
06:00
08:00
10:00
12:00
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK


CMDI #0605 2026/10/08
note
1BFE
1D23
1D29
1D2F
1BB8
1BD7
1D35
1D06
1BB5
1C97
1CDF
1C47
1D1F
1D05
1B89
1CA7
1D03
1D28
1CE7
1D04
ctrl
pass
12:00
14:00
16:00
18:00
20:00
22:00
00:00
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK


CMDI #0605 2026/10/09
note
1BFE
1D23
1D29
1D2F
1BB8
1BD7
1D35
1D06
1BB5
1C97
1CDF
1C47
1D1F
1D05
1B89
1CA7
1D03
1D28
1CE7
1D04
ctrl
pass
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 #0605 2026/10/09
note
1BFE
1D23
1D29
1D2F
1BB8
1BD7
1D35
1D06
1BB5
1C97
1CDF
1C47
1D1F
1D05
1B89
1CA7
1D03
1D28
1CE7
1D04
ctrl
pass
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 #0605 2026/10/10
note
1BFE
1D23
1D29
1D2F
1BB8
1BD7
1D35
1D06
1BB5
1C97
1CDF
1C47
1D1F
1D05
1B89
1CA7
1D03
1D28
1CE7
1D04
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 #0605 2026/10/10
note
1BFE
1D23
1D29
1D2F
1BB8
1BD7
1D35
1D06
1BB5
1C97
1CDF
1C47
1D1F
1D05
1B89
1CA7
1D03
1D28
1CE7
1D04
ctrl
pass
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-268 2026-10-06 13:10:53 194 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¡ËËè½µ•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. OP/OG¥í¡¼¥É¡¦¥À¥ó¥×
0016     C. ****************************
0017     C.
0018   . C. ¡ãOP/OG¥í¡¼¥É¡ä
0019   . S. OP     op-268:OP
0020     ()
0021   . S. OG     og-268:OG
0022     ()
0023     C.
0024   . C. ¡ãNMOG&OPÎÎ°è¥À¥ó¥×¡ä
0025     C. NMOG(0x200000-0x207FFF¡§ 32 kbyte)
0026   +. DC 01-23 DHU_DMA_DMP_PRM_SET
0027     BC        (20 00 7f 01 02)
0028     C.                        ¢¢[HK1_DMP_TOP_ADRS_1]          EQ     40
0029     C.                        ¢¢[HK1_DMP_TOP_ADRS_0]          EQ     0
0030     C.                        ¢¢[HK1_DMP_BLOCK_NUM]           EQ     127
0031     C.                        ¢¢[HK1_DMP_REPEAT_NUM]          EQ     0
0032     C.                        ¢¢[HK1_DMA_DMP_PIM]             EQ     DHU
0033   +. DC 01-22 DHU_MODE_CHNG
0034     BC        (07 0b f8)
0035     C.                        ¢¢[HK1_PKT_FORM_NO]             EQ     7
0036     C.                        ¢¢[HK1_PKT_GEN_TIME]            EQ     0.25 s
0037     C.                        ¢¢[HK1_S_TLM_BIT_RATE]          EQ     32k
0038     C.                        ¢¢[HK1_X_TLM_BIT_RATE]          EQ     4M
0039     C.                        ¢¢[HK1_DMP_CHK_FLG]             EQ     EXEC
0040   . C. ¥À¥ó¥×½ªÎ»¤ò³ÎÇ§
0041     C.                        ¢¢[HK1_DMP_CHK_FLG]             EQ     NON
0042   . C. RAM ID=NMOG¤Î¾È¹ç•ë²ÌOK¤ò³ÎÇ§
0043     C.
0044     C. NMOG(0x208000-0x20FFFF¡§ 32 kbyte)
0045   +. DC 01-23 DHU_DMA_DMP_PRM_SET
0046     BC        (20 80 7f 01 02)
0047     C.                        ¢¢[HK1_DMP_TOP_ADRS_1]          EQ     41
0048     C.                        ¢¢[HK1_DMP_TOP_ADRS_0]          EQ     0
0049     C.                        ¢¢[HK1_DMP_BLOCK_NUM]           EQ     127
0050     C.                        ¢¢[HK1_DMP_REPEAT_NUM]          EQ     0
0051     C.                        ¢¢[HK1_DMA_DMP_PIM]             EQ     DHU
0052   +. DC 01-22 DHU_MODE_CHNG
0053     BC        (07 0b f8)
0054     C.                        ¢¢[HK1_PKT_FORM_NO]             EQ     7
0055     C.                        ¢¢[HK1_PKT_GEN_TIME]            EQ     0.25 s
0056     C.                        ¢¢[HK1_S_TLM_BIT_RATE]          EQ     32k
0057     C.                        ¢¢[HK1_X_TLM_BIT_RATE]          EQ     4M
0058     C.                        ¢¢[HK1_DMP_CHK_FLG]             EQ     EXEC
0059   . C. ¥À¥ó¥×½ªÎ»¤ò³ÎÇ§
0060     C.                        ¢¢[HK1_DMP_CHK_FLG]             EQ     NON
0061   . C. RAM ID=NMOG¤Î¾È¹ç•ë²ÌOK¤ò³ÎÇ§
0062     C.
0063     C. NMOG(0x210000-0x2100FF¡§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0064   +. DC 01-23 DHU_DMA_DMP_PRM_SET
0065     BC        (21 00 41 01 02)
0066     C.                        ¢¢[HK1_DMP_TOP_ADRS_1]          EQ     42
0067     C.                        ¢¢[HK1_DMP_TOP_ADRS_0]          EQ     0
0068     C.                        ¢¢[HK1_DMP_BLOCK_NUM]           EQ     65
0069     C.                        ¢¢[HK1_DMP_REPEAT_NUM]          EQ     0
0070     C.                        ¢¢[HK1_DMA_DMP_PIM]             EQ     DHU
0071   +. DC 01-22 DHU_MODE_CHNG
0072     BC        (07 0b f8)
0073     C.                        ¢¢[HK1_PKT_FORM_NO]             EQ     7
0074     C.                        ¢¢[HK1_PKT_GEN_TIME]            EQ     0.25 s
0075     C.                        ¢¢[HK1_S_TLM_BIT_RATE]          EQ     32k
0076     C.                        ¢¢[HK1_X_TLM_BIT_RATE]          EQ     4M
0077     C.                        ¢¢[HK1_DMP_CHK_FLG]             EQ     EXEC
0078   . C. ¥À¥ó¥×½ªÎ»¤ò³ÎÇ§
0079     C.                        ¢¢[HK1_DMP_CHK_FLG]             EQ     NON
0080   . C. RAM ID=NMOG,RAM ID=OP¤Î¾È¹ç•ë²ÌOK¤ò³ÎÇ§
0081     C.
0082   . C. ***** °Ê²¼¤Ï¾Ã´¶Á°¤ËÉ¬¤°Á÷¿® (¾åµ¬¥À¥ó¥×½ê½ç¤òÅÓÃæ¤Ç½ª¤¨¤ë¾ì¹ç¤Ç¤â) *****
0083     C. DHU¥â¡¼¥É¡Ê¼ý½¸¥ì¡¼¥È¡Ë¤òÌá¤¹
0084   +. DC 01-22 DHU_MODE_CHNG
0085     BC        (02 0a f8)
0086     C.                        ¢¢[HK1_PKT_FORM_NO]             EQ     2
0087     C.                        ¢¢[HK1_PKT_GEN_TIME]            EQ     0.5S
0088     C.                        ¢¢[HK1_S_TLM_BIT_RATE]          EQ     32K
0089     C.                        ¢¢[HK1_X_TLM_BIT_RATE]          EQ     4M
0090     C.
0091   . C. ********************************
0092     C. TI-CMD SET (OPOG STOP/COPY/START)
0093     C. ********************************
0094     C.
0095   . C. NOTICE ¡§ OPOG UPLOAD¤¬Á÷¿®NG¤Î¾ì¹ç¡¢°Ê²¼¤ÎTI-CMDÁ÷¿®¤Ï¼Â¹Ô¤•¤Ê¤¤¤³¤È¡£
```

```
0096     C.           ¤Þ¤¿¡¢SET¤ÈDUMP¤ÏÆ±°ì¥Ñ¥¹¤Ç¹Ô¤¦¤³¤È¡£
0097     C.
0098   . C. TI¥³¥Þ¥ó¥É¤òÅÐÏ¿(UT)
0099   +. TI 2026-10-06 10:38:00.0
0100     DC 01-B3 DHU_OP_STOP
0101     C.                      ¢¢[HK1_TI_CMD_NUM]              EQ     1COUNTUP
0102     C.
0103   +. TI 2026-10-06 10:38:01.0
0104     DC 01-B4 DHU_OP_COPY
0105     C.                      ¢¢[HK1_TI_CMD_NUM]              EQ     1COUNTUP
0106     C.
0107   +. TI 2026-10-06 10:38:01.0
0108     DC 01-B5 DHU_OPOG_COPY
0109     C.                      ¢¢[HK1_TI_CMD_NUM]              EQ     1COUNTUP
0110     C.
0111   +. TI 2026-10-06 10:42:59.5
0112     DC 01-B2 DHU_OP_START
0113     C.                      ¢¢[HK1_TI_CMD_NUM]              EQ     1COUNTUP
0114     C.
0115     C. °Ê²¼¤ÏÄê¾ïÍÑ¤Î¥Á¥§¥Ã¥¯¹àÌÜ
0116     C.                      ¢¢[HK1_TI_CMD_ENA/DIS]          EQ     ENA
0117     C.                      ¢¢[HK1_TI_CMD_NUM]              EQ     4
0118     C.                      ¢¢[HK1_NEXT_EXEC_PIM]           EQ     DHU
0119     C.                      ¢¢[HK1_NEXT_EXEC_DC]            EQ     0xB3
0120     C.
0121   . C. ****************************
0122     C. TIÎÎ°è¥À¥ó¥×
0123     C. ****************************
0124     C.
0125     C. TI_TBL(0x03AB00-0x03AEFF¡§ 1024byte)
0126   +. DC 01-23 DHU_DMA_DMP_PRM_SET
0127     BC       (03 ab 03 01 02)
0128     C.                      ¢¢[HK1_DMP_TOP_ADRS_1]          EQ     07
0129     C.                      ¢¢[HK1_DMP_TOP_ADRS_0]          EQ     2B
0130     C.                      ¢¢[HK1_DMP_BLOCK_NUM]           EQ     3
0131     C.                      ¢¢[HK1_DMP_REPEAT_NUM]          EQ     0
0132     C.                      ¢¢[HK1_DMA_DMP_PIM]             EQ     DHU
0133   +. DC 01-22 DHU_MODE_CHNG
0134     BC       (07 0b f8)
0135     C.                      ¢¢[HK1_PKT_FORM_NO]             EQ     7
0136     C.                      ¢¢[HK1_PKT_GEN_TIME]            EQ     0.25 s
0137     C.                      ¢¢[HK1_S_TLM_BIT_RATE]          EQ     32k
0138     C.                      ¢¢[HK1_X_TLM_BIT_RATE]          EQ     4M
0139     C.                      ¢¢[HK1_DMP_CHK_FLG]             EQ     EXEC
0140     C.
0141   . C. ¥À¥ó¥×½ªÎ»¤ò³ÎÇ§
0142     C.                      ¢¢[HK1_DMP_CHK_FLG]             EQ     NON
0143     C.
0144   . C. RAM ID=TI_TBL¤Î¾È¹ç•ë²ÌOK¤ò³ÎÇ§
0145     C.
0146   . C. DHU¥â¡¼¥É¡Ê¼ý½¸¥ì¡¼¥È¡Ë¤òÌá¤¹
0147   +. DC 01-22 DHU_MODE_CHNG
0148     BC       (02 0a f8)
0149     C.                      ¢¢[HK1_PKT_FORM_NO]             EQ     2
0150     C.                      ¢¢[HK1_PKT_GEN_TIME]            EQ     0.5S
0151     C.                      ¢¢[HK1_S_TLM_BIT_RATE]          EQ     32K
0152     C.                      ¢¢[HK1_X_TLM_BIT_RATE]          EQ     4M
0153     C.
0154     C.
0155     C. ************ XRT START ************
0156     C. Execute, after the success of OP upload.
0157   +. TI 2026-10-06 10:42:00.0
0158     DC 07-F0 MDP_XRT_MODE_STBY
0159     BC       (c3)
0160   . C.                       [   ]  [HK1_TI_CMD_NUM]     EQ    1COUNTUP
0161     C.
0162     C. ************ XRT END ************
0163   . C. Stop EIS observation and temporarily disable EIS mode changes
0164     C.
0165     C.
0166     C. ********** Start EIS operation (TI set) **********
0167     C. Execute, after the success of OP upload.
0168     C. Set EIS TI-commands
0169   +. TI 2026-10-06 10:42:30.0
0170     DC 07-FC EIS_MODE_MANU
0171     BC       (21 02)
0172   +. TI 2026-10-06 10:42:40.0
0173     DC 07-FC EIS_MODE_CHG_DIS
0174     BC       (22)
0175   . C.                       [   ]  [HK1_TI_CMD_NUM]     EQ    2 COUNTUP
0176     C. *********** End EIS operation (TI set) ***********
0177     C.
0178     C.
0179     C.
0180   . C. ***** MDP ´ûÃÎ¤Î»ö¾Ý¤ËÂÐ¤¹¤ëDCBC•×²è *****
0181     C. (¾å°Ì¥Ó¥Ã¥È¥Þ¥Ë¥å¥¢¥ë¤Ë½¾¤¤¼Â»Ü¤¹¤ë)
0182   . S. DC-BC dcbc-402:DCBC
0183     (MDP_known_event)
0184     C.
0185     C.
0186   . C. ***** ¥Ð¥¹•Ï Daily±¿ÍÑ¤Ë´Ø¤¹¤ëDCBC•×²è *****
0187   . S. DC-BC dcbc-153:DCBC
0188     (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0189     C.
0190     C.
0191   . C. ¡ãLOS¥Á¥§¥Ã¥¯¼Â»Ü¡ä
0192     C.
0193   . C. ********** LOS **********
```

0194 C.

```
(a) Spacecraft Operation Procedure (real-commands)

main-269 2026-10-06 13:10:53 94 33 SOLAR-B MAIN //
0001     C.
0002    . C. *********** AOS ***********
0003     C.
0004    . C. ¡ãAOS¥Á¥$¥Ã¥¯¼Â»Ü¡ä
0005     C.
0006     C. ¥À¥ß¡¼¥³¥Þ¥ó¥ÉÁ÷¿®
0007    +. DC 00-00 NULL_DUMMY_CMD
0008     C.
0009    . C. ***** AOCS : Reload orbital element (send every contact) *****
0010     C.  Ãí¡Ë¤¿¤À¤•µ°Æ»Í×ÁÇ¤Î¥¢¥Ã¥×¥í¡¼¥É¡ÊËè½µ•îÍË¡Ë¤Ë¼°ÇÔ¤•¤¿¾ì¹ç¤Ï¡¢À®¸ù¤¹¤ë¤Þ¤ÇÁ÷¿®¤•¤Ê¤¤¤³¤È¡£
0011    +. DC 02-8E AOCU_ORB_UPD
0012     C.
0013     C.
0014    . C. ***** AOCS Commands (Tracking Curve Upload) ******
0015     C. Upload the Orbit Element and the Target Attitude
0016     C. RAM-ID:TARGET_ATT
0017    . S. RAM   ram-150:TARGET_ATT
0018     ()
0019     C.
0020     C.
0021     C. Set the dump memory area of TARGET_ATT
0022    +. DC 02-48 AOCU_DUMP_SET
0023     BC       (07 00 00 00 18 00)
0024     C.
0025     C.    <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0026     C.
0027     C.
0028     C. Change the TLMFormatNo for the AOCS Dump Format
0029    +. DC 01-22 DHU_MODE_CHNG
0030     BC       (04 0b f8)
0031     C.
0032     C. Wait for AOCSDUMP to end
0033     C.
0034    . C. Check the dump memory
0035     C.
0036     C.                                      Result = OK [ ]
0037     C.
0038    +. DC 01-22 DHU_MODE_CHNG
0039     BC       (02 0a f8)
0040     C.
0041     C.                          <A_***>[TLM STS] FMT = 2 [ ]
0042     C.
0043    +. DC 02-8E AOCU_ORB_UPD
0044    . C.
0045    . C. ***** AOCS Commands (Orbital Element Update) *****
0046     C. Update the orbital element
0047    +. DC 02-50 AOCU_ORB_PRPGT_START
0048     BC       (16)
0049    +  DC 02-8E AOCU_ORB_UPD
0050     C.
0051     C.       <A_ORB>[ORBIT] EPC = 2206093.7 +- 1.0 (s) [ ]
0052     C.
0053    . C.
0054    . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0055    +. DC 07-FC EIS_MODE_CHG_ENA
0056     BC       (20)
0057    . C. Verify EIS_MODE_CHG_FLG is ENA
0058    +. DC 07-FC EIS_MODE_MANU
0059     BC       (21 02)
0060    . C. Verify EIS in MANUAL mode
0061    . C. Estimated OBSTBL upload time is 1m
0062     C. *********************************
0063     C. EIS START OBSTBL LOAD
0064     C. *********************************
0065    . S. RAM   ram-820:EIS_OBSTBL
0066     ()
0067    +. DC 07-FC EIS_DUMP_OBSTBL
0068     BC       (07 07 07 00 00 70 00)
0069     C.
0070     C. Execute, after the success of OBSTBL upload.
0071     C. Set EIS TI-commands
0072    +. TI 2026-10-06 10:42:50.0
0073     DC 07-FC EIS_MODE_CHG_ENA
0074     BC       (20)
0075    . C.                      [   ]  [HK1_TI_CMD_NUM]     EQ    1 COUNTUP
0076     C. *********************************
0077     C. EIS END OBSTBL LOAD
0078     C. *********************************
0079     C.
0080    . C. ***** MDP ´ûÃÎ¤Î»ö¾Ý¤ËÂÐ¤¹¤ëDCBC•×²è *****
0081     C. (¾å°Ì¥Ó¥Ã¥È¥Þ¥Ë¥å¥¢¥ë¤Ë½¾¤¤¼Â»Ü¤¹¤ë)
0082    . S. DC-BC dcbc-402:DCBC
0083     (MDP_known_event)
0084     C.
0085     C.
0086    . C. ***** ¥Ð¥¹•Ï Daily±¿ÍÑ¤Ë´Ø¤¹¤ëDCBC•×²è *****
0087    . S. DC-BC dcbc-153:DCBC
0088     (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0089     C.
0090     C.
0091    . C. ¡ãLOS¥Á¥$¥Ã¥¯¼Â»Ü¡ä
0092     C.
0093    . C. *********** LOS ***********
0094     C.
```

```
(a) Spacecraft Operation Procedure (real-commands)

main-270 2026-10-06 13:10:53 106 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. ************ XRT START ************
0016     C.
0017   +. DC 07-F0 MDP_XRT_CTRL_MANU
0018     BC       (c1)
0019   +. DC 07-F0 MDP_XRT_CTRL_MANU
0020     BC       (c1)
0021   +  DC 07-F0 MDP_XRT_MODE_STBY
0022     BC       (c3)
0023   . C. ----------- Success Verify ?              OK / NG____
0024     C.
0025     C. XRT Obs. Table Upload
0026   . S. RAM   ram-291:MDP_OBS_X
0027     ()
0028     C.
0029   +. DC 07-F0 MDP_DUMP_XRTTBL
0030     BC       (84 07 00 00 00 3a d4)
0031   . C. ----------- Comparison Check ?                        OK / ERR ____
0032     C.
0033     C.
0034   +. DC 07-F0 MDP_XRT_ROI_SET
0035     BC       (cd 01 b1 b1 04 04)
0036   +  DC 07-F0 MDP_XRT_ROI_SET
0037     BC       (cd 02 b1 b1 08 08)
0038   +  DC 07-F0 MDP_XRT_ROI_SET
0039     BC       (cd 03 b1 b1 08 08)
0040   +  DC 07-F0 MDP_XRT_ROI_SET
0041     BC       (cd 04 b1 b1 06 06)
0042   +  DC 07-F0 MDP_XRT_ROI_SET
0043     BC       (cd 06 80 80 20 20)
0044   +  DC 07-F0 MDP_XRT_ROI_SET
0045     BC       (cd 07 80 80 20 08)
0046   +  DC 07-F0 MDP_XRT_ROI_SET
0047     BC       (cd 08 80 80 08 20)
0048   +  DC 07-F0 MDP_XRT_ROI_SET
0049     BC       (cd 09 c0 c0 10 10)
0050   +  DC 07-F0 MDP_XRT_ROI_SET
0051     BC       (cd 0a 40 c0 10 10)
0052   +  DC 07-F0 MDP_XRT_ROI_SET
0053     BC       (cd 0b 40 40 10 10)
0054   +  DC 07-F0 MDP_XRT_ROI_SET
0055     BC       (cd 0c c0 40 10 10)
0056   +  DC 07-F0 MDP_XRT_ROI_SET
0057     BC       (cd 0d 85 83 06 06)
0058   +  DC 07-F0 MDP_XRT_ROI_SET
0059     BC       (cd 0e 85 83 08 08)
0060   +  DC 07-F0 MDP_XRT_ROI_SET
0061     BC       (cd 0f 80 80 06 06)
0062   +  DC 07-F0 MDP_XRT_ROI_SET
0063     BC       (cd 10 80 80 08 08)
0064   +  DC 07-F0 MDP_XRT_FLD_ENA
0065     BC       (d8)
0066   +  DC 07-F0 MDP_XRT_FLRCTRL_ENA
0067     BC       (c8)
0068   +  DC 07-F0 MDP_XRT_ARS_DIS
0069     BC       (d5)
0070   +  DC 07-F0 MDP_XRT_AEC_RESET
0071     BC       (d0)
0072   +  DC 07-F0 MDP_XRT_FLD_RESET
0073     BC       (da)
0074   +. DC 07-F0 MDP_XRT_QT_PROG_SET
0075     BC       (c4 11)
0076   +. DC 07-F0 MDP_XRT_FL_PROG_SET
0077     BC       (c5 0e)
0078   . C. ---------- Success Verify ?            OK / NG ____
0079     C.
0080     C.
0081   . C. All OK?   Yes--> Please Proceed. / No --> Stop here.
0082     C.
0083   +. DC 07-F0 MDP_XRT_MODE_OBSV
0084     BC       (c2)
0085   +. TI 2026-10-06 10:42:02.0
0086     DC 07-F0 MDP_XRT_MODE_OBSV
0087     BC       (c2)
0088   . C. ---------- Success Verify ?            OK / NG ____
0089     C.
0090     C. ************ XRT END ***********
0091     C.
0092   . C. ***** MDP ´ûÃÎ¤Î»ö¾Ý¤ËÂÐ¤¹¤ëDCBC•×²è *****
0093     C. (¾å°Ì¥Ó¥Ã¥È¥Þ¥Ë¥å¥¢¥ë¤Ë½¾¤¤¼Â»Ü¤¹¤ë)
0094   . S. DC-BC dcbc-402:DCBC
0095     (MDP_known_event)
```

```
0096     C.
0097     C.
0098   . C. ***** ¥Ð¥¹•Ï Daily±¿ÍÑ¤Ë´Ø¤¹¤ëDCBC•×²è *****
0099   . S. DC-BC dcbc-153:DCBC
0100     (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0101     C.
0102     C.
0103   . C. ¡ãLOS¥Á¥§¥Ã¥¯¼Â»Ü¡ä
0104     C.
0105   . C. *********** LOS ***********
0106     C.
```

```
*** OP Sequence for XRT ***

2026/10/06  10:53:00.0  AOCS_ORe-point_Start_1_OG [0x097]
                                AOCU_NM              5 02-76 00 00 00 ac cd
2026/10/06  11:11:00.0  AOCS_ORe-point_Start_2_OG [0x098]
                                AOCU_NM              5 02-76 00 00 00 d6 67
2026/10/06  11:41:30.0  AOCS_ORe-point_Start_3_OG [0x099]
                                AOCU_NM              5 02-76 00 00 00 00 00
2026/10/06  11:57:30.0  AOCS_ORe-point_Start_4_OG [0x09a]
                                AOCU_NM              5 02-76 00 00 00 29 99
2026/10/06  12:13:30.0  AOCS_ORe-point_Start_5_OG [0x09b]
                                AOCU_NM              5 02-76 00 00 00 53 33
2026/10/06  12:29:30.0  AOCS_ORe-point_Start_6_OG [0x09c]
                                AOCU_NM              5 02-76 00 d6 36 b7 8e
2026/10/06  12:39:30.0  AOCS_ORe-point_Start_7_OG [0x09d]
                                AOCU_NM              5 02-76 00 b4 b5 db 75
2026/10/06  12:55:30.0  AOCS_ORe-point_Start_8_OG [0x09e]
                                AOCU_NM              5 02-76 00 ac 5b 00 00
2026/10/06  13:11:30.0  AOCS_ORe-point_Start_9_OG [0x09f]
                                AOCU_NM              5 02-76 00 b4 b5 24 8b
2026/10/06  13:27:30.0  AOCS_ORe-point_Start_10_OG [0x0a0]
                                AOCU_NM              5 02-76 00 d6 36 48 72
2026/10/06  13:37:30.0  AOCS_ORe-point_Start_11_OG [0x0a1]
                                AOCU_NM              5 02-76 00 29 ca b7 8e
2026/10/06  13:47:30.0  AOCS_ORe-point_Start_12_OG [0x0a2]
                                AOCU_NM              5 02-76 00 4b 4b db 75
2026/10/06  14:03:30.0  AOCS_ORe-point_Start_13_OG [0x0a3]
                                AOCU_NM              5 02-76 00 53 a5 00 00
2026/10/06  14:19:30.0  AOCS_ORe-point_Start_14_OG [0x0a4]
                                AOCU_NM              5 02-76 00 4b 4b 24 8b
2026/10/06  14:35:30.0  AOCS_ORe-point_Start_15_OG [0x0a5]
                                AOCU_NM              5 02-76 00 29 db 48 72
2026/10/06  14:44:30.0  AOCS_ORe-point_Start_16_OG [0x0a6]
                                AOCU_NM              5 02-76 02 03 e7 02 0c
2026/10/06  17:20:00.0  AOCS_ORe-point_Start_3_OG [0x099]
                                AOCU_NM              5 02-76 00 00 00 00 00
2026/10/06  17:30:00.0  AOCS_ORe-point_Start_17_OG [0x0a7]
                                AOCU_NM              5 02-76 03 03 e7 02 0c
2026/10/06  23:30:00.0  AOCS_ORe-point_Start_16_OG [0x0a6]
                                AOCU_NM              5 02-76 02 03 e7 02 0c
2026/10/07  06:10:10.0  XRT_TCIB_XRT_S_HTR_A_DIS_445_OG [0x1bd]
                                TCIB_XRT_S_HTR_A_DIS 0 04-C0
2026/10/07  12:09:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  12:09:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  12:09:58.0  XRT_FOCUS_POSITION_416_OG [0x1a0]
                                XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/10/07  12:10:00.0  AOCS_ORe-point_Start_18_OG [0x0a8]
                                AOCU_NM              5 02-76 00 2e f9 2e f9
2026/10/07  12:12:52.0  XRT_ARS_DIS_427_OG [0x1ab]
                                MDP_XRT_ARS_DIS      1 07-F0 d5
2026/10/07  12:12:54.0  XRT_FLRCTRL_DIS_449_OG [0x1c1]
                                MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2026/10/07  12:12:56.0  XRT_FLD_DIS_429_OG [0x1ad]
                                MDP_XRT_FLD_DIS      1 07-F0 d9
2026/10/07  12:12:58.0  XRT_QT_PROG_SET_441_OG [0x1b9]
                                MDP_XRT_QT_PROG_SET  2 07-F0 c4 04
2026/10/07  12:13:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/10/07  12:19:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  12:19:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  12:19:58.0  XRT_FOCUS_POSITION_432_OG [0x1b0]
                                XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/10/07  12:20:00.0  AOCS_ORe-point_Start_19_OG [0x0a9]
                                AOCU_NM              5 02-76 00 2e f9 d1 07
2026/10/07  12:22:52.0  XRT_ARS_DIS_427_OG [0x1ab]
                                MDP_XRT_ARS_DIS      1 07-F0 d5
2026/10/07  12:22:54.0  XRT_FLRCTRL_DIS_449_OG [0x1c1]
                                MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2026/10/07  12:22:56.0  XRT_FLD_DIS_429_OG [0x1ad]
                                MDP_XRT_FLD_DIS      1 07-F0 d9
2026/10/07  12:22:58.0  XRT_QT_PROG_SET_433_OG [0x1b1]
                                MDP_XRT_QT_PROG_SET  2 07-F0 c4 01
2026/10/07  12:23:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/10/07  12:29:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  12:29:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  12:29:58.0  XRT_FOCUS_POSITION_432_OG [0x1b0]
                                XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/10/07  12:30:00.0  AOCS_ORe-point_Start_20_OG [0x0aa]
                                AOCU_NM              5 02-76 00 d1 07 d1 07
2026/10/07  12:32:52.0  XRT_ARS_DIS_427_OG [0x1ab]
                                MDP_XRT_ARS_DIS      1 07-F0 d5
2026/10/07  12:32:54.0  XRT_FLRCTRL_DIS_449_OG [0x1c1]
                                MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2026/10/07  12:32:56.0  XRT_FLD_DIS_429_OG [0x1ad]
                                MDP_XRT_FLD_DIS      1 07-F0 d9
2026/10/07  12:32:58.0  XRT_QT_PROG_SET_414_OG [0x19e]
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                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 07
2026/10/07  12:33:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/10/07  12:39:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  12:39:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  12:39:58.0  XRT_FOCUS_POSITION_432_OG [0x1b0]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/10/07  12:40:00.0  AOCS_ORe-point_Start_21_OG [0x0ab]
                                        AOCU_NM              5 02-76 00 d1 07 2e f9
2026/10/07  12:42:52.0  XRT_ARS_DIS_427_OG [0x1ab]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/10/07  12:42:54.0  XRT_FLRCTRL_DIS_449_OG [0x1c1]
                                        MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2026/10/07  12:42:56.0  XRT_FLD_DIS_429_OG [0x1ad]
                                        MDP_XRT_FLD_DIS      1 07-F0 d9
2026/10/07  12:42:58.0  XRT_QT_PROG_SET_440_OG [0x1b8]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 0d
2026/10/07  12:43:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/10/07  12:49:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  12:49:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  12:49:58.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/10/07  12:50:00.0  AOCS_ORe-point_Start_3_OG [0x099]
                                        AOCU_NM              5 02-76 00 00 00 00 00
2026/10/07  12:50:18.0  XRT_FLD_DIS_409_OG [0x199]
                                        MDP_XRT_FLD_DIS      1 07-F0 d9
2026/10/07  12:50:20.0  XRT_FLRCTRL_DIS_413_OG [0x19d]
                                        MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2026/10/07  12:50:22.0  XRT_ARS_DIS_435_OG [0x1b3]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/10/07  12:52:58.0  XRT_QT_PROG_SET_404_OG [0x194]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 11
2026/10/07  12:53:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/10/07  12:59:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  12:59:56.0  XRT_FOCUS_POSITION_410_OG [0x19a]
                                        XRT_FOCUS_POSITION   4 07-F8 22 fe 97 00
2026/10/07  13:00:00.0  AOCS_ORe-point_Start_22_OG [0x0ac]
                                        AOCU_NM              5 02-76 00 55 b2 02 0c
2026/10/07  13:00:16.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2026/10/07  13:00:18.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/10/07  13:00:20.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2026/10/07  13:00:22.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/10/07  13:00:24.0  XRT_FLD_RESET_446_OG [0x1be]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/10/07  13:02:56.0  XRT_QT_PROG_SET_444_OG [0x1bc]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 0a
2026/10/07  13:02:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/10/07  13:03:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/10/07  15:43:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  15:43:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  15:43:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/10/07  15:43:06.0  XRT_PREFLR_STRT_421_OG [0x1a5]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/10/07  15:46:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/10/07  15:54:00.0  XRT_Custom_430_OG [0x1ae]
2026/10/07  15:55:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/10/07  17:04:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  17:04:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  17:04:58.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                        XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/10/07  17:05:00.0  AOCS_ORe-point_Start_3_OG [0x099]
                                        AOCU_NM              5 02-76 00 00 00 00 00
2026/10/07  17:05:18.0  XRT_FLD_DIS_409_OG [0x199]
                                        MDP_XRT_FLD_DIS      1 07-F0 d9
2026/10/07  17:05:20.0  XRT_FLRCTRL_DIS_413_OG [0x19d]
                                        MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2026/10/07  17:05:22.0  XRT_ARS_DIS_435_OG [0x1b3]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/10/07  17:07:58.0  XRT_QT_PROG_SET_404_OG [0x194]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 11
2026/10/07  17:08:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/10/07  17:14:54.0  XRT_CTRL_MANU_402_OG [0x192]
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                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  17:14:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  17:14:58.0  XRT_FOCUS_POSITION_410_OG [0x19a]
                                        XRT_FOCUS_POSITION   4 07-F8 22 fe 97 00
2026/10/07  17:15:00.0  AOCS_ORe-point_Start_17_OG [0x0a7]
                                        AOCU_NM              5 02-76 03 03 e7 02 0c
2026/10/07  17:15:18.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2026/10/07  17:15:20.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/10/07  17:15:22.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2026/10/07  17:15:24.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/10/07  17:15:26.0  XRT_FLD_RESET_434_OG [0x1b2]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/10/07  17:17:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  17:17:32.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  17:17:34.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/10/07  17:17:36.0  XRT_PREFLR_STRT_421_OG [0x1a5]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/10/07  17:17:56.0  XRT_QT_PROG_SET_438_OG [0x1b6]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 05
2026/10/07  17:17:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                        MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/10/07  17:20:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/10/07  17:41:00.0  XRT_Custom_430_OG [0x1ae]
2026/10/07  17:42:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/10/07  18:54:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  18:54:32.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  18:54:34.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/10/07  18:54:36.0  XRT_PREFLR_STRT_421_OG [0x1a5]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/10/07  18:57:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/10/07  19:17:30.0  XRT_Custom_430_OG [0x1ae]
2026/10/07  19:18:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/10/07  20:31:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  20:31:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  20:31:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/10/07  20:31:06.0  XRT_PREFLR_STRT_421_OG [0x1a5]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/10/07  20:34:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/10/07  20:54:00.0  XRT_Custom_430_OG [0x1ae]
2026/10/07  20:55:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/10/07  22:08:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  22:08:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  22:08:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/10/07  22:08:06.0  XRT_PREFLR_STRT_421_OG [0x1a5]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/10/07  22:11:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/10/07  22:31:00.0  XRT_Custom_430_OG [0x1ae]
2026/10/07  22:32:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/10/07  23:29:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  23:29:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  23:29:58.0  XRT_FOCUS_POSITION_410_OG [0x19a]
                                        XRT_FOCUS_POSITION   4 07-F8 22 fe 97 00
2026/10/07  23:30:00.0  AOCS_ORe-point_Start_16_OG [0x0a6]
                                        AOCU_NM              5 02-76 02 03 e7 02 0c
2026/10/07  23:30:18.0  XRT_FLD_ENA_411_OG [0x19b]
                                        MDP_XRT_FLD_ENA      1 07-F0 d8
2026/10/07  23:30:20.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                        MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/10/07  23:30:22.0  XRT_AEC_RESET_448_OG [0x1c0]
                                        MDP_XRT_AEC_RESET    1 07-F0 d0
2026/10/07  23:30:24.0  XRT_ARS_DIS_423_OG [0x1a7]
                                        MDP_XRT_ARS_DIS      1 07-F0 d5
2026/10/07  23:30:26.0  XRT_FLD_RESET_434_OG [0x1b2]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2026/10/07  23:32:56.0  XRT_QT_PROG_SET_425_OG [0x1a9]
                                        MDP_XRT_QT_PROG_SET  2 07-F0 c4 02
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2026/10/07  23:32:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/10/07  23:33:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/10/07  23:45:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  23:45:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/07  23:45:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2026/10/07  23:45:06.0  XRT_PREFLR_STRT_421_OG [0x1a5]
                                MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/10/07  23:48:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/10/08  00:05:30.0  XRT_Custom_430_OG [0x1ae]
2026/10/08  00:06:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/10/08  01:22:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/08  01:22:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/08  01:22:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2026/10/08  01:22:06.0  XRT_PREFLR_STRT_421_OG [0x1a5]
                                MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/10/08  01:25:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/10/08  01:29:30.0  XRT_Custom_430_OG [0x1ae]
2026/10/08  01:30:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/10/08  02:45:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/08  02:45:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/08  02:45:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2026/10/08  02:45:06.0  XRT_PREFLR_STRT_421_OG [0x1a5]
                                MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/10/08  02:48:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/10/08  03:04:00.0  XRT_Custom_430_OG [0x1ae]
2026/10/08  03:05:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/10/08  04:20:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/08  04:20:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/08  04:20:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2026/10/08  04:20:06.0  XRT_PREFLR_STRT_421_OG [0x1a5]
                                MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/10/08  04:23:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/10/08  04:27:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/08  04:27:26.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/08  04:27:28.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/10/08  04:27:30.5  AOCS_ORe-point_Start_3_OG [0x099]
                                AOCU_NM              5 02-76 00 00 00 00 00
2026/10/08  04:27:48.0  XRT_FLD_ENA_411_OG [0x19b]
                                MDP_XRT_FLD_ENA      1 07-F0 d8
2026/10/08  04:27:50.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/10/08  04:27:52.0  XRT_AEC_RESET_448_OG [0x1c0]
                                MDP_XRT_AEC_RESET    1 07-F0 d0
2026/10/08  04:27:54.0  XRT_ARS_DIS_423_OG [0x1a7]
                                MDP_XRT_ARS_DIS      1 07-F0 d5
2026/10/08  04:27:56.0  XRT_FLD_RESET_434_OG [0x1b2]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2026/10/08  04:30:26.0  XRT_QT_PROG_SET_405_OG [0x195]
                                MDP_XRT_QT_PROG_SET  2 07-F0 c4 09
2026/10/08  04:30:28.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/10/08  04:41:00.0  XRT_Custom_430_OG [0x1ae]
2026/10/08  04:42:00.5  XRT_CTRL_AUTO_424_OG [0x1a8]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/10/08  05:50:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/08  05:50:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/08  05:50:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2026/10/08  05:50:06.0  XRT_PREFLR_STRT_421_OG [0x1a5]
                                MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/10/08  05:53:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/10/08  06:18:00.0  XRT_Custom_430_OG [0x1ae]
2026/10/08  06:19:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/10/08  06:27:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
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2026/10/08  06:27:26.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/08  06:27:28.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/10/08  06:27:30.0  AOCS_ORe-point_Start_3_OG [0x099]
                                AOCU_NM              5 02-76 00 00 00 00 00
2026/10/08  06:27:48.0  XRT_FLD_DIS_409_OG [0x199]
                                MDP_XRT_FLD_DIS      1 07-F0 d9
2026/10/08  06:27:50.0  XRT_FLRCTRL_DIS_413_OG [0x19d]
                                MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2026/10/08  06:27:52.0  XRT_ARS_DIS_435_OG [0x1b3]
                                MDP_XRT_ARS_DIS      1 07-F0 d5
2026/10/08  06:30:28.0  XRT_QT_PROG_SET_404_OG [0x194]
                                MDP_XRT_QT_PROG_SET  2 07-F0 c4 11
2026/10/08  06:30:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/10/08  06:37:24.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/08  06:37:26.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/08  06:37:28.0  XRT_FOCUS_POSITION_410_OG [0x19a]
                                XRT_FOCUS_POSITION   4 07-F8 22 fe 97 00
2026/10/08  06:37:30.0  AOCS_ORe-point_Start_16_OG [0x0a6]
                                AOCU_NM              5 02-76 02 03 e7 02 0c
2026/10/08  06:37:48.0  XRT_FLD_ENA_411_OG [0x19b]
                                MDP_XRT_FLD_ENA      1 07-F0 d8
2026/10/08  06:37:50.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/10/08  06:37:52.0  XRT_AEC_RESET_448_OG [0x1c0]
                                MDP_XRT_AEC_RESET    1 07-F0 d0
2026/10/08  06:37:54.0  XRT_ARS_DIS_423_OG [0x1a7]
                                MDP_XRT_ARS_DIS      1 07-F0 d5
2026/10/08  06:37:56.0  XRT_FLD_RESET_434_OG [0x1b2]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2026/10/08  06:40:26.0  XRT_QT_PROG_SET_425_OG [0x1a9]
                                MDP_XRT_QT_PROG_SET  2 07-F0 c4 02
2026/10/08  06:40:28.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/10/08  06:40:30.0  XRT_CTRL_AUTO_408_OG [0x198]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/10/08  07:30:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/08  07:30:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/08  07:30:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2026/10/08  07:30:06.0  XRT_PREFLR_STRT_421_OG [0x1a5]
                                MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/10/08  07:33:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/10/08  07:55:00.0  XRT_Custom_430_OG [0x1ae]
2026/10/08  07:56:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/10/08  09:10:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/08  09:10:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/08  09:10:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2026/10/08  09:10:06.0  XRT_PREFLR_STRT_421_OG [0x1a5]
                                MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/10/08  09:13:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/10/08  09:31:30.0  XRT_Custom_430_OG [0x1ae]
2026/10/08  09:32:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/10/08  10:50:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/08  10:50:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/08  10:50:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2026/10/08  10:50:06.0  XRT_PREFLR_STRT_421_OG [0x1a5]
                                MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/10/08  10:53:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/10/08  11:05:30.0  XRT_Custom_430_OG [0x1ae]
2026/10/08  11:06:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/10/08  11:23:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/10/08  11:24:00.0  AOCS_ORe-point_Start_3_OG [0x099]
                                AOCU_NM              5 02-76 00 00 00 00 00
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