

XRT Timeline to be uploaded on 2025/01/28

Period: 2025/01/28 11:39:00 - 2025/02/05 10:33:00

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Normal mode

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XOB #1BFE: AR - Standard Core - (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Al/poly context, with														
Term			Pointing (x, y)					Comment						
01/28 11:52:00 - 01/28 17:49:24			Track (-778.6, -264.6) @ 01/28 11:49:00					# OP start + 10min and AR obs.						
01/28 18:02:30 - 01/29 03:40:00			Track (-745.2, -260.1) @ 01/28 17:59:30					AR Obs.						
PROG= 12 Inf-time(s)														
Subr= 1		1-time(s)			2.0sec									
Seqn= 92		1-time(s)			2.0sec									
├		Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
├		Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
└		Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
Subr= 2		4-time(s)			2.0sec									
Seqn= 47		1-time(s)			2.0sec									
├		Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
├		Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
├		thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
└		thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Seqn= 77		4-time(s)			300.0sec									
├		Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
├		thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	95.0sec
├		Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec
├		thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	95.0sec
├		Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
└		thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
Default Filter		Thicker Filter		VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval

XOB #1CED: Synoptic for HOP448 w/ Al-mesh(5/128/723), Al-poly(12/181/1443), Thin-Be(33/512/4096), Thick-Be(32768), Med-Al(256/8192/32768), Med-Be(12														
Term		Pointing (x, y)				Comment								
01/28 17:52:30 - 01/28 17:59:24		Fixed (0.0, 0.0)				synoptic, shifted -10.5 min								
01/29 06:03:00 - 01/29 06:09:54		Fixed (0.0, 0.0)				HOP349 w/Synoptic at 0600UT								
01/29 18:06:00 - 01/29 18:12:54		Fixed (0.0, 0.0)				synoptic, shifted 3.0 min								
01/30 06:22:30 - 01/30 06:29:24		Fixed (0.0, 0.0)				HOP349 w/Synoptic at 061930UT								
01/30 18:08:00 - 01/30 18:14:54		Fixed (0.0, 0.0)				synoptic, shifted 5.0 min								
01/31 05:52:00 - 01/31 05:58:54		Fixed (0.0, 0.0)				HOP349 w/Synoptic at 054900UT								
01/31 17:52:30 - 01/31 17:59:24		Fixed (0.0, 0.0)				synoptic, shifted -10.5 min								
02/01 06:03:00 - 02/01 06:09:54		Fixed (0.0, 0.0)				HOP349 w/Synoptic at 0600UT								
02/01 18:06:00 - 02/01 18:12:54		Fixed (0.0, 0.0)				synoptic, shifted 3.0 min								
02/02 06:22:30 - 02/02 06:29:30		Fixed (0.0, 0.0)				HOP349 w/Synoptic at 061930UT								
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= 26		1-time(s)				2.0sec								
Open/Al-mesh		Open/Al-mesh	close	Safe	Norm	5ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Open/Al-mesh		Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Open/Al-mesh		Open/Al-mesh	close	Safe	Norm	707ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Seqn= 15		1-time(s)				2.0sec								
Al-poly/Open		Al-poly/Open	close	Safe	Norm	12ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Al-poly/Open		Al-poly/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Al-poly/Open		Al-poly/thick-Al	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Seqn= 83		1-time(s)				2.0sec								
thin-Be/Open		thin-Be/Open	close	Safe	Norm	32ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
thin-Be/Open		thin-Be/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
thin-Be/Open		thin-Be/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Seqn= 23		1-time(s)				4.0sec								
Open/G-band		Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec	
Open/G-band		Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Subr= 2		1-time(s)				2.0sec								
Seqn= 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	
Default Filter		Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval		

XOB #1CD1: HOP349 - 3-filter Synoptics (Al-mesh[2/128/723], Al-poly[12/181/1443], thin-Be[24/512/3897] with 512x512 G-band+Leak - 375min cad) + CME w

Term	Pointing (x, y)	Comment
01/29 04:03:00 - 01/29 05:59:54	Fixed (0.0, 0.0)	HOP349 w/Synoptic at 0600UT
01/30 04:03:00 - 01/30 06:19:24	Fixed (0.0, 0.0)	HOP349 w/Synoptic at 061930UT
01/31 04:03:00 - 01/31 05:48:54	Fixed (0.0, 0.0)	HOP349 w/Synoptic at 054900UT
02/01 04:03:00 - 02/01 05:59:54	Fixed (0.0, 0.0)	HOP349 w/Synoptic at 0600UT
02/02 04:03:00 - 02/02 06:19:24	Fixed (0.0, 0.0)	HOP349 w/Synoptic at 061930UT

PROG= 13 Inf.-time(s)

Subr= 1 1-time(s) 300.0sec												
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= 15 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	12ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 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 15-time(s) 1500.0sec												
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
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1CD7: AR - Standard Core - (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Al/poly context, with

Term	Pointing (x, y)	Comment
01/29 06:13:00 - 01/29 18:02:54	Track (-672.0, -251.6) @ 01/29 06:10:00	AR Obs.
01/29 18:16:00 - 01/30 03:59:54	Track (-590.8, -244.0) @ 01/29 18:13:00	AR Obs.
01/30 06:32:30 - 01/30 17:41:30	Track (-500.3, -237.2) @ 01/30 06:29:30	AR Obs.

PROG= 06 Inf.-time(s)

Subr= 1 1-time(s) 2.0sec												
Seqn= 92 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
Subr= 2 5-time(s) 2.0sec												
Seqn= 47 1-time(s) 2.0sec												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Seqn= 96 4-time(s) 180.0sec												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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

Term	Pointing (x, y)	Comment
01/30 18:30:00 - 01/30 20:14:54	Fixed (0.0, 930.0)	Co-align North Limb

PROG= 05 1-time(s)

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

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

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Active Region Search

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NOT USED

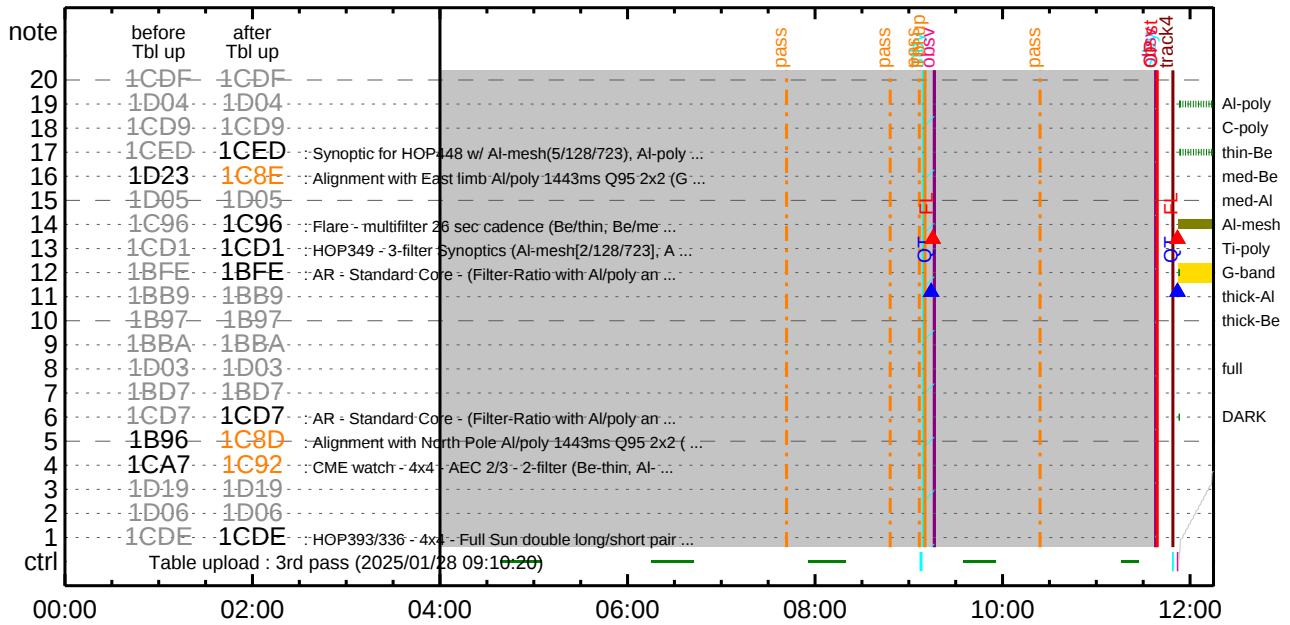
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Flare Detection

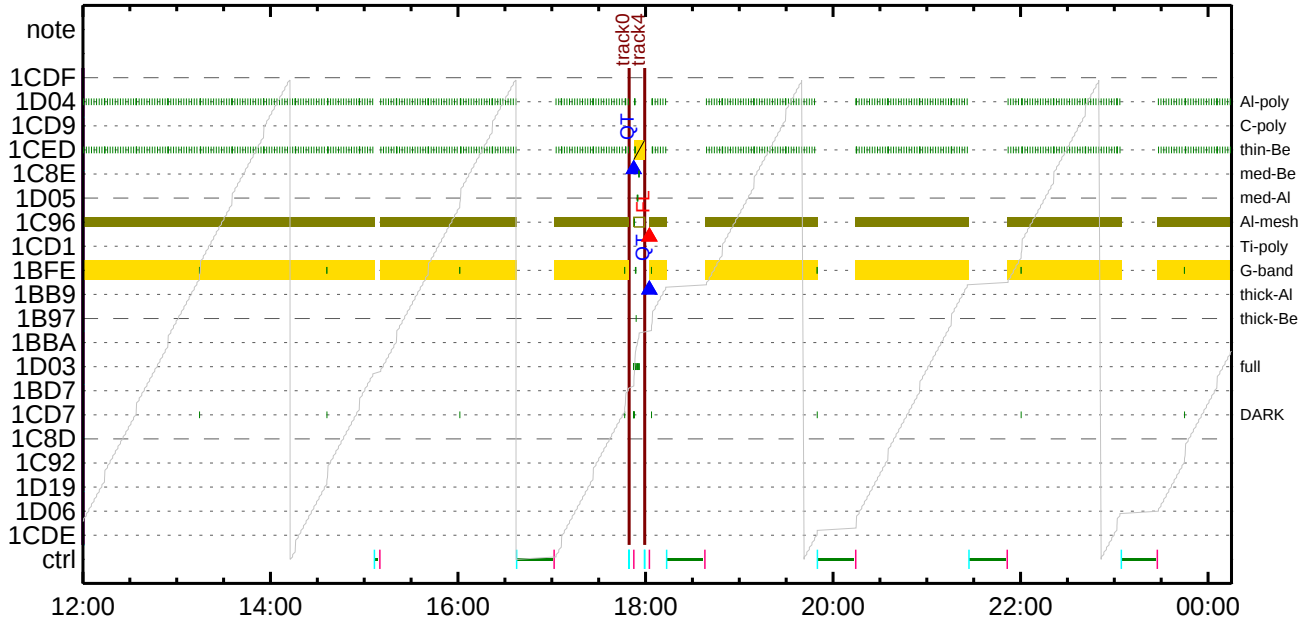
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FLD Patrol													
Term			Pointing (x, y)					Comment					
01/28 09:11:20 - 01/28 17:49:48			cannot be identified										
01/28 17:59:48 - 01/29 06:00:18			Track (-745.2, -260.1) @ 01/28 17:59:30					AR Obs.					
01/29 06:10:18 - 01/29 18:03:18			Track (-672.0, -251.6) @ 01/29 06:10:00					AR Obs.					
01/29 18:13:18 - 01/30 06:19:48			Track (-590.8, -244.0) @ 01/29 18:13:00					AR Obs.					
01/30 06:29:48 - 01/30 18:05:18			Track (-500.3, -237.2) @ 01/30 06:29:30					AR Obs.					
01/30 22:15:18 - 01/31 05:49:18			Track (-374.4, -230.0) @ 01/30 22:15:00					AR Obs.					
01/31 05:59:18 - 01/31 17:49:48			Track (-309.5, -227.1) @ 01/31 05:59:00					AR obs					
01/31 17:59:48 - 02/01 06:00:18			Track (-205.6, -223.7) @ 01/31 17:59:30					AR Obs.					
02/01 06:10:18 - 02/01 18:03:18			Track (-97.8, -221.5) @ 02/01 06:10:00					AR Obs.					
02/01 18:17:18 - 02/02 06:19:48			Track (9.9, -220.6) @ 02/01 18:13:00					AR Obs.					
Al-poly/Open	Al-poly/Open	close	Safe	Norm	4ms	Obs	8x8	Q=50			30sec		
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval		

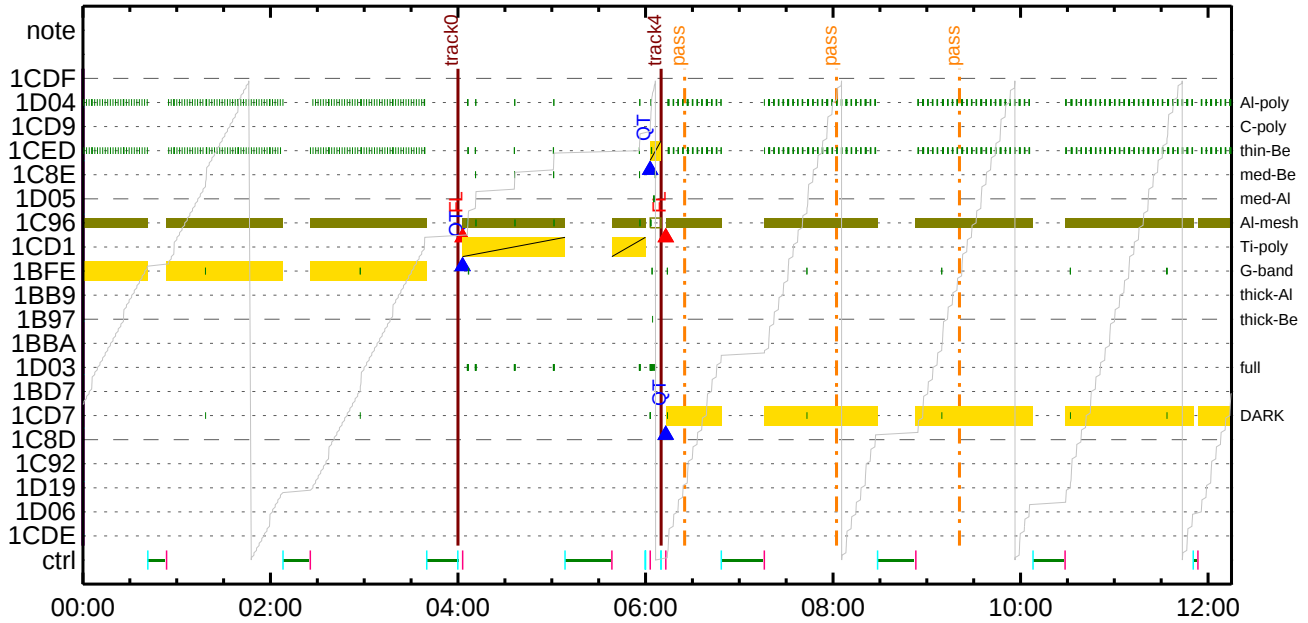
CMDI #0358 2025/01/28



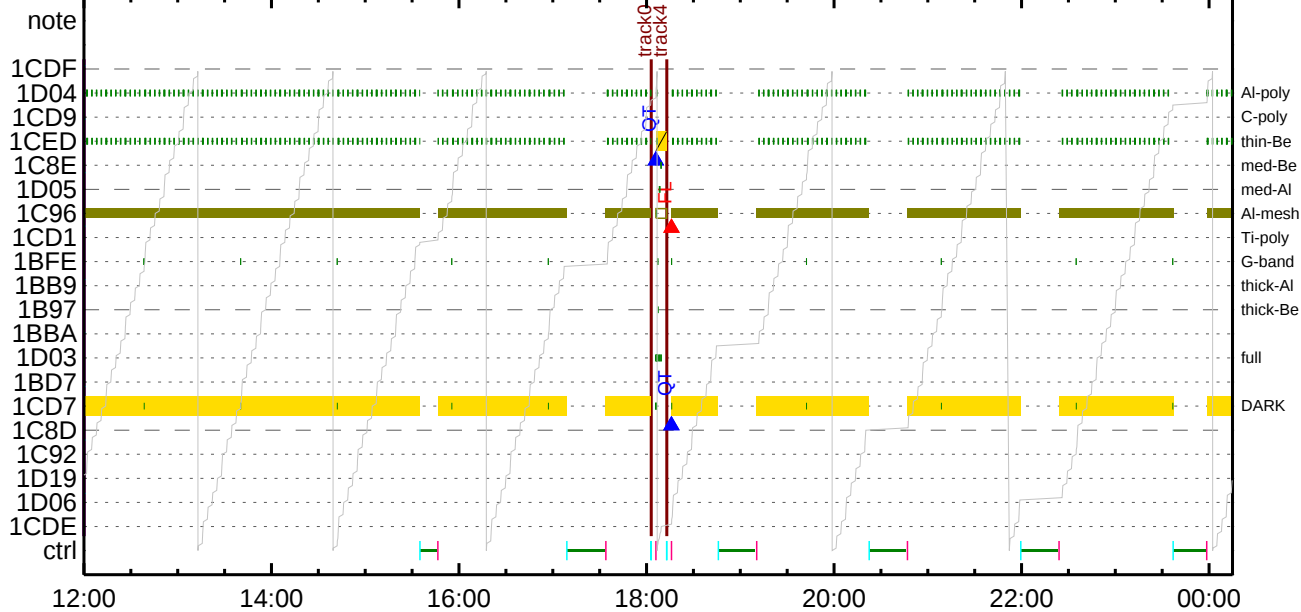
CMDI #0358 2025/01/28



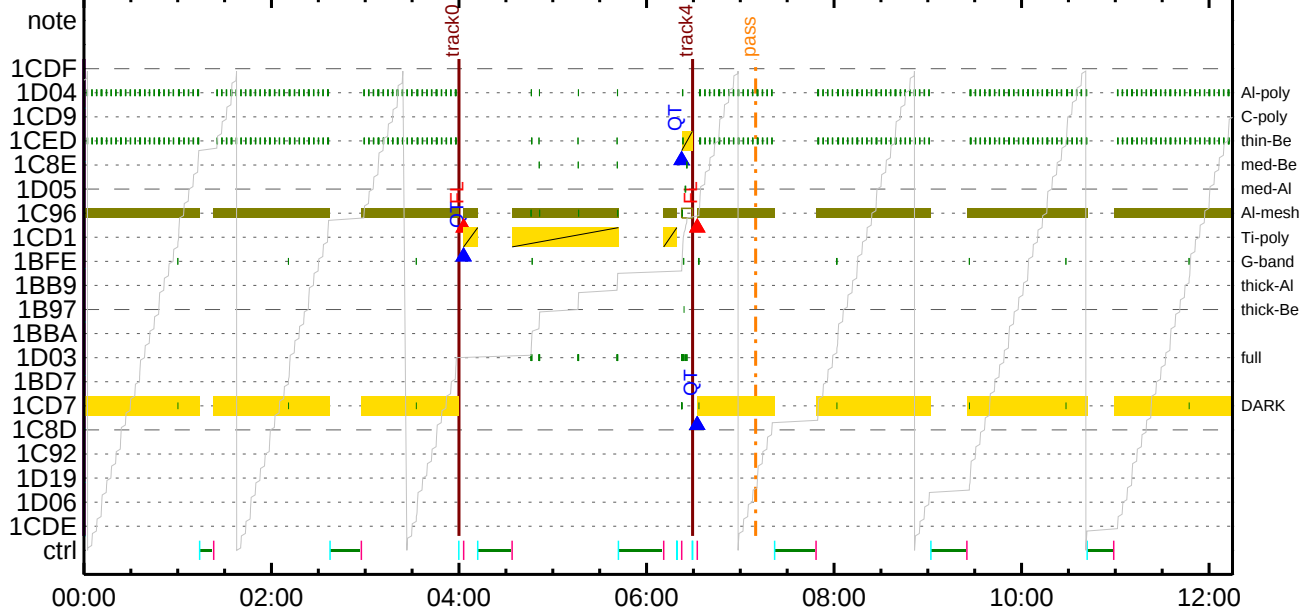
CMDI #0358 2025/01/29



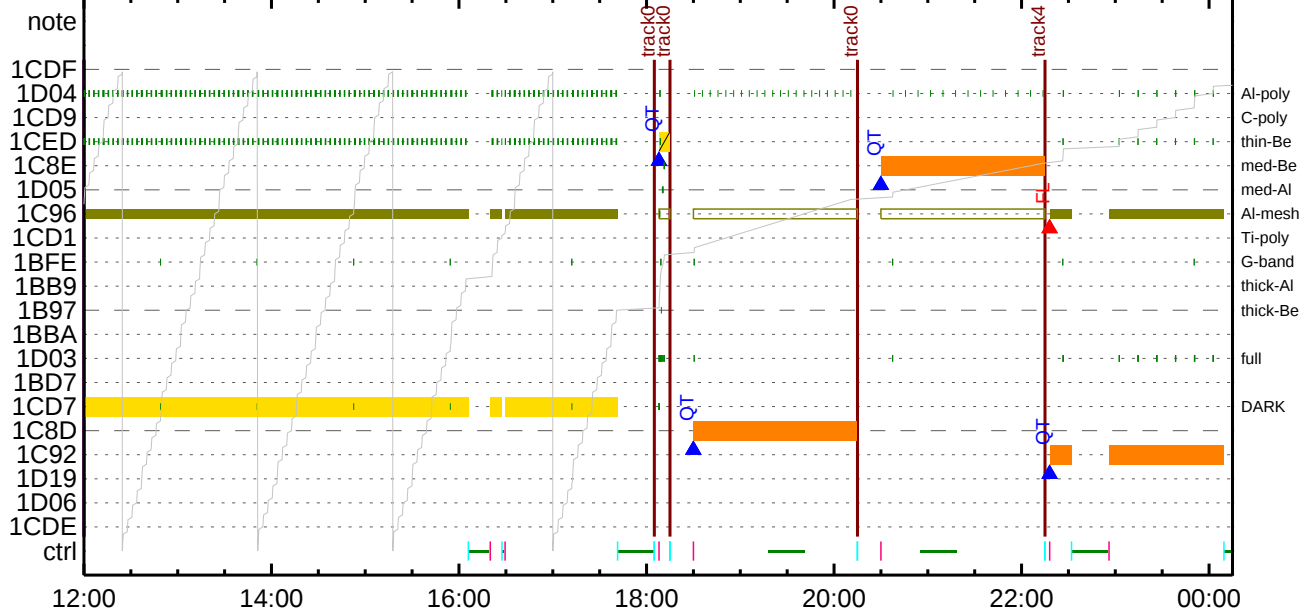
CMDI #0358 2025/01/29



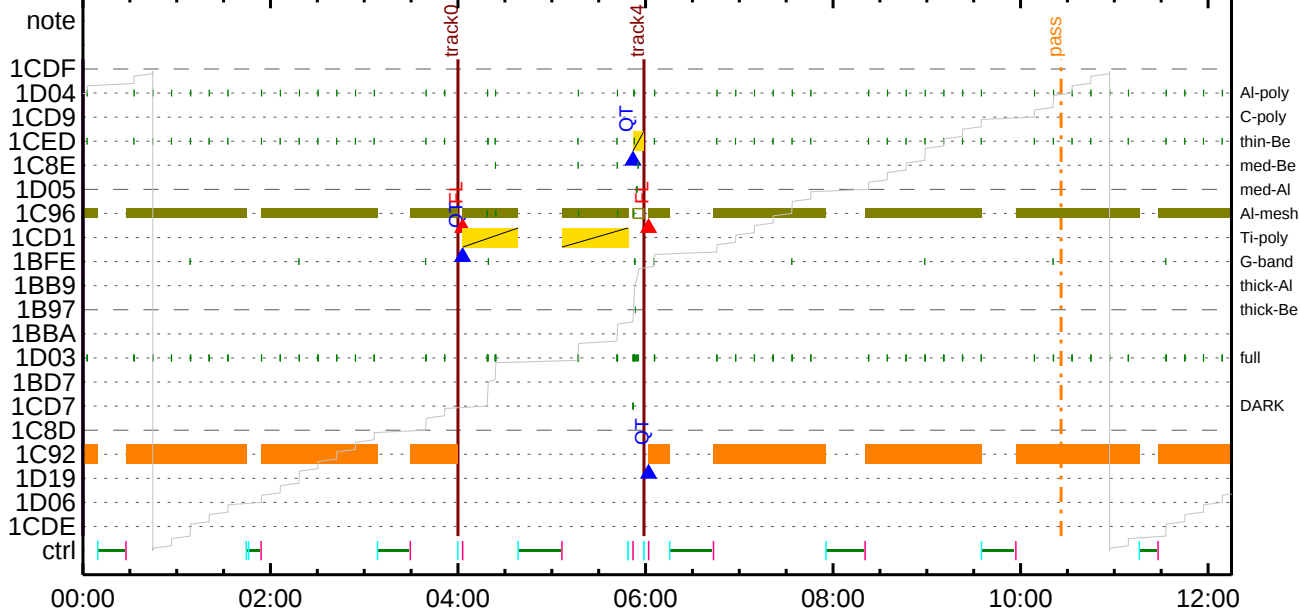
CMDI #0358 2025/01/30



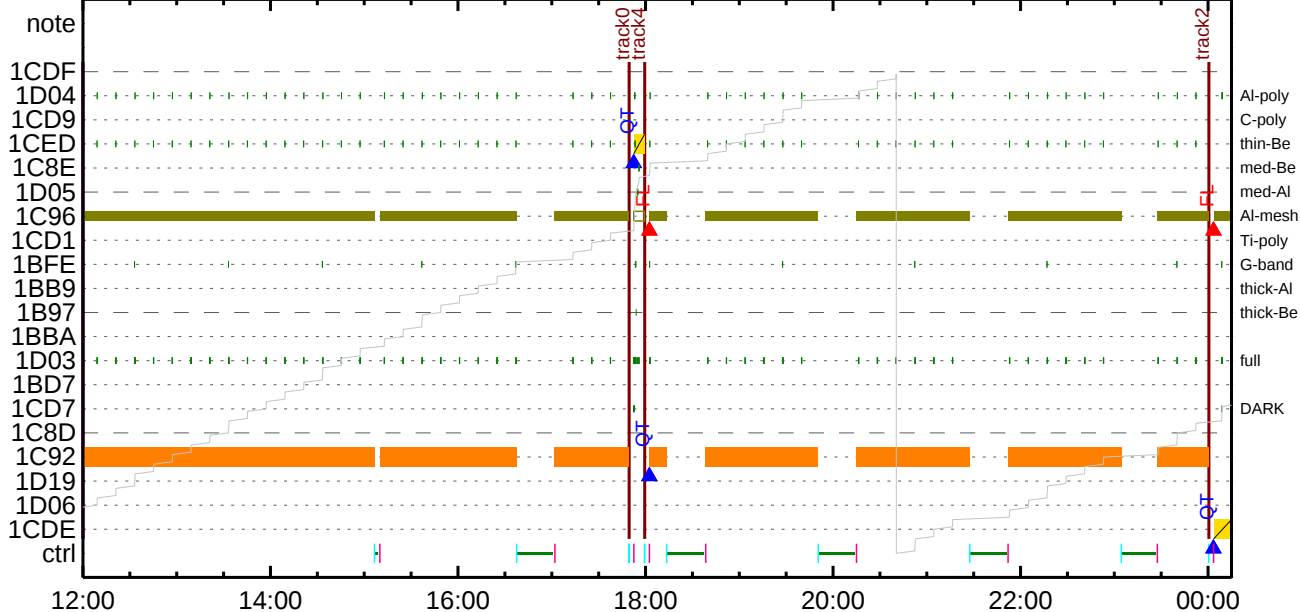
CMDI #0358 2025/01/30



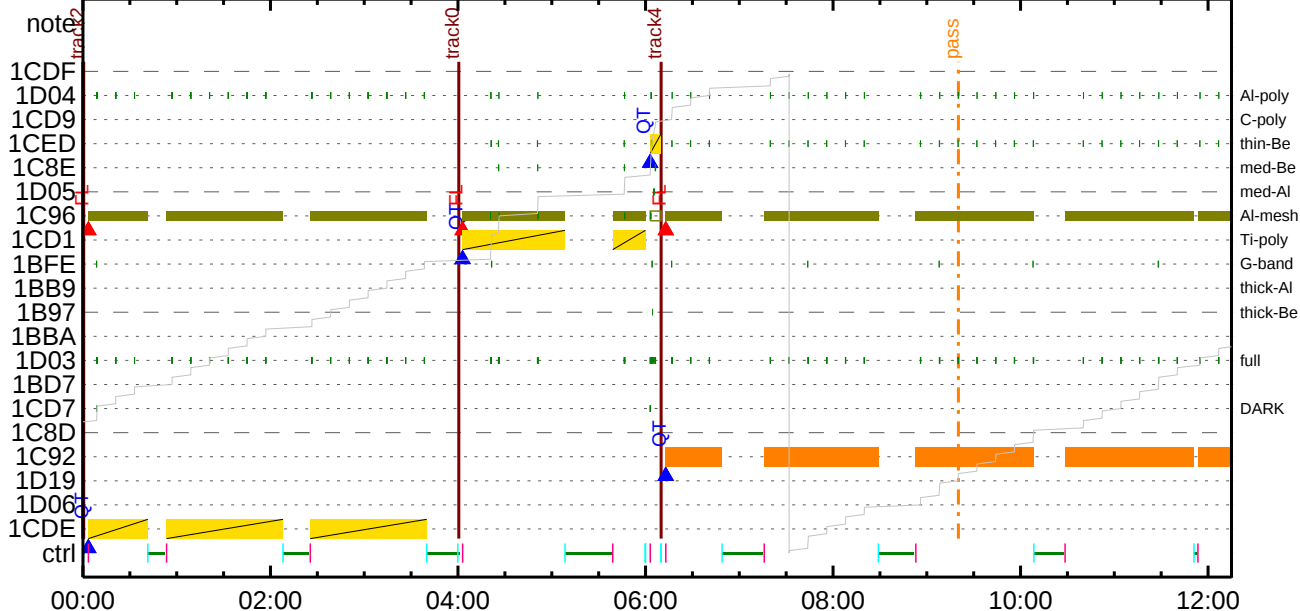
CMDI #0358 2025/01/31



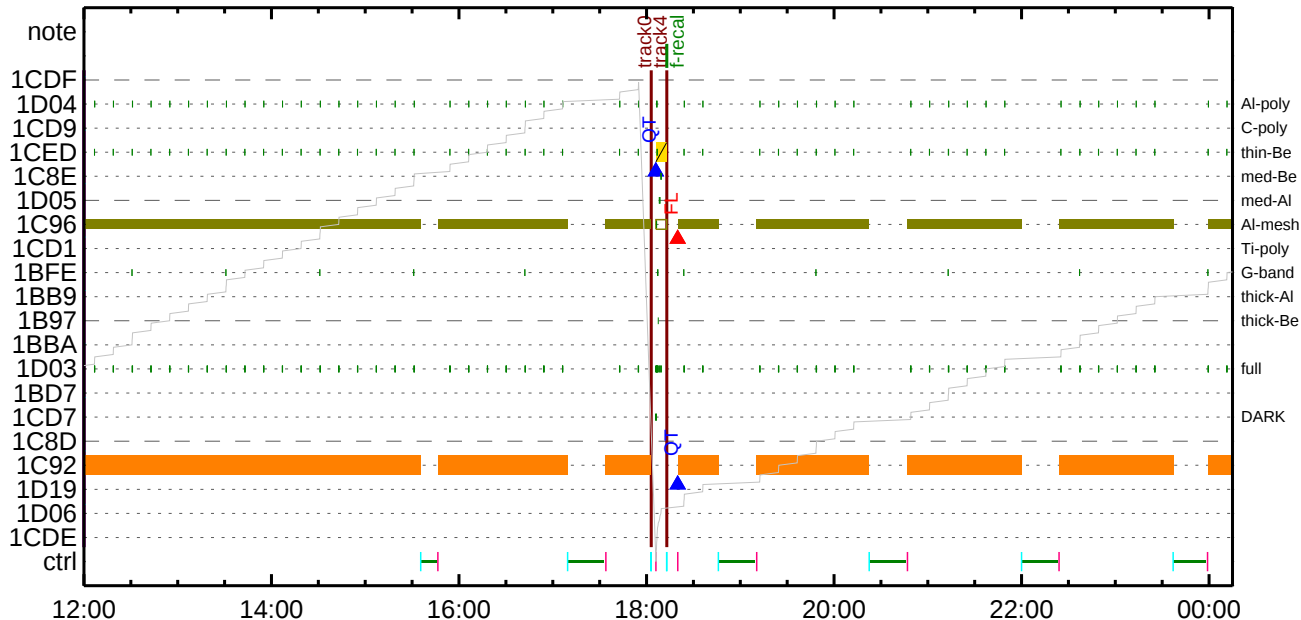
CMDI #0358 2025/01/31



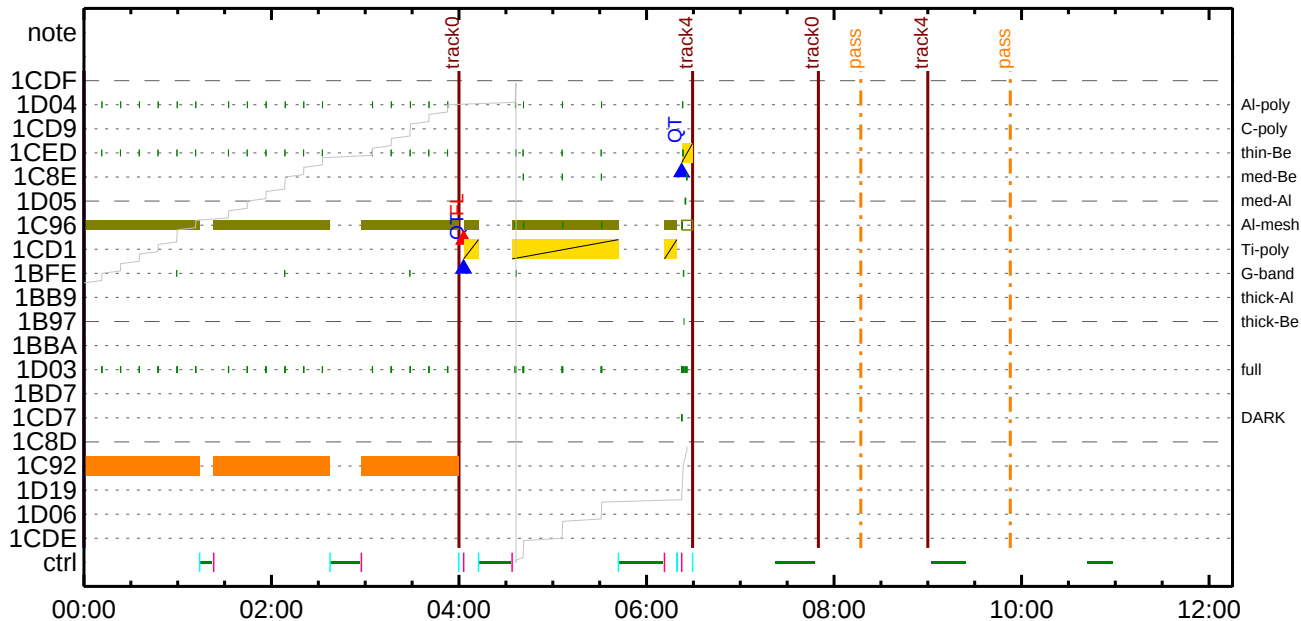
CMDI #0358 2025/02/01



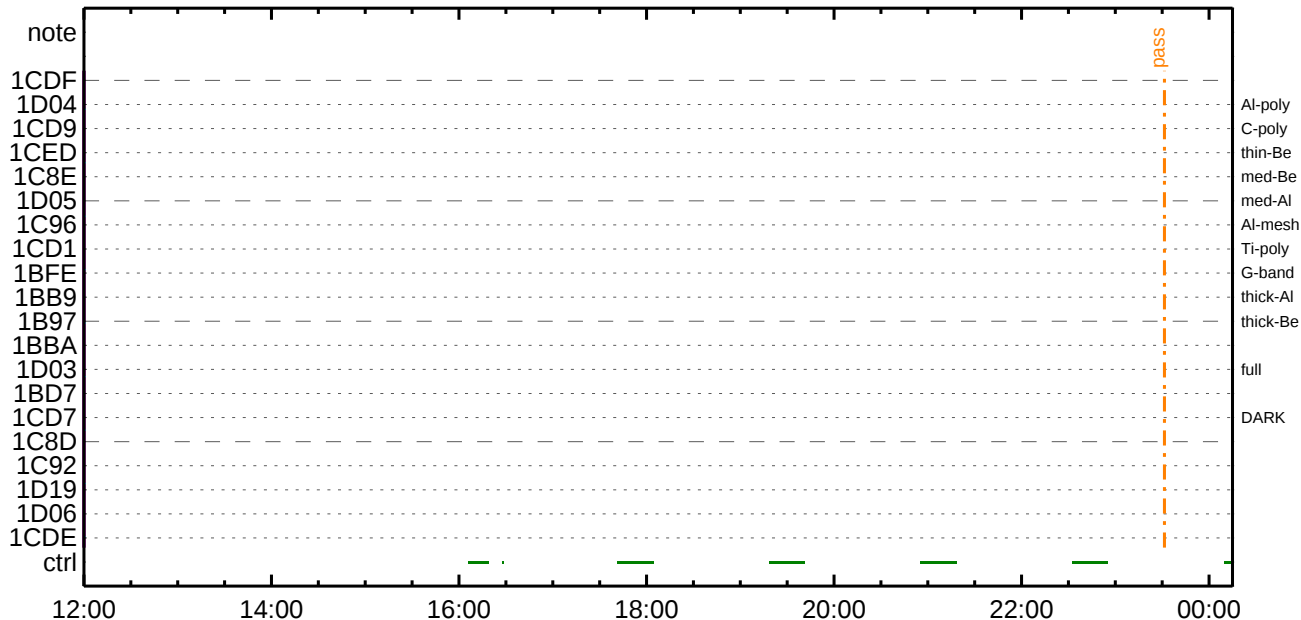
CMDI #0358 2025/02/01



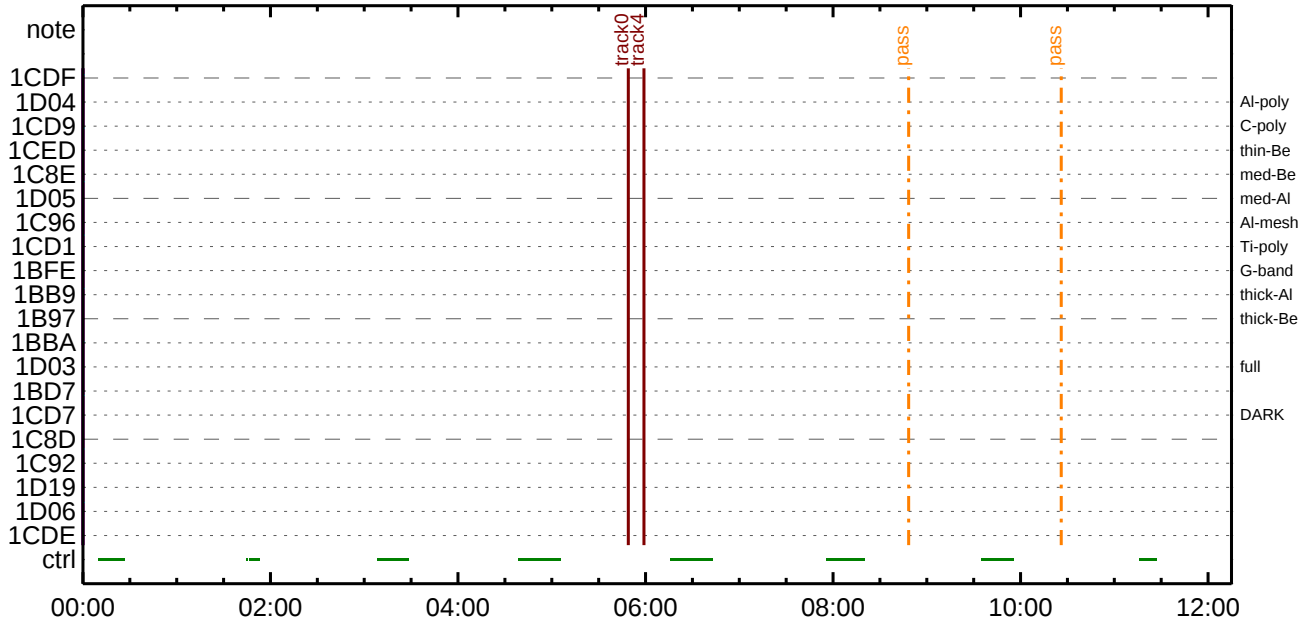
CMDI #0358 2025/02/02



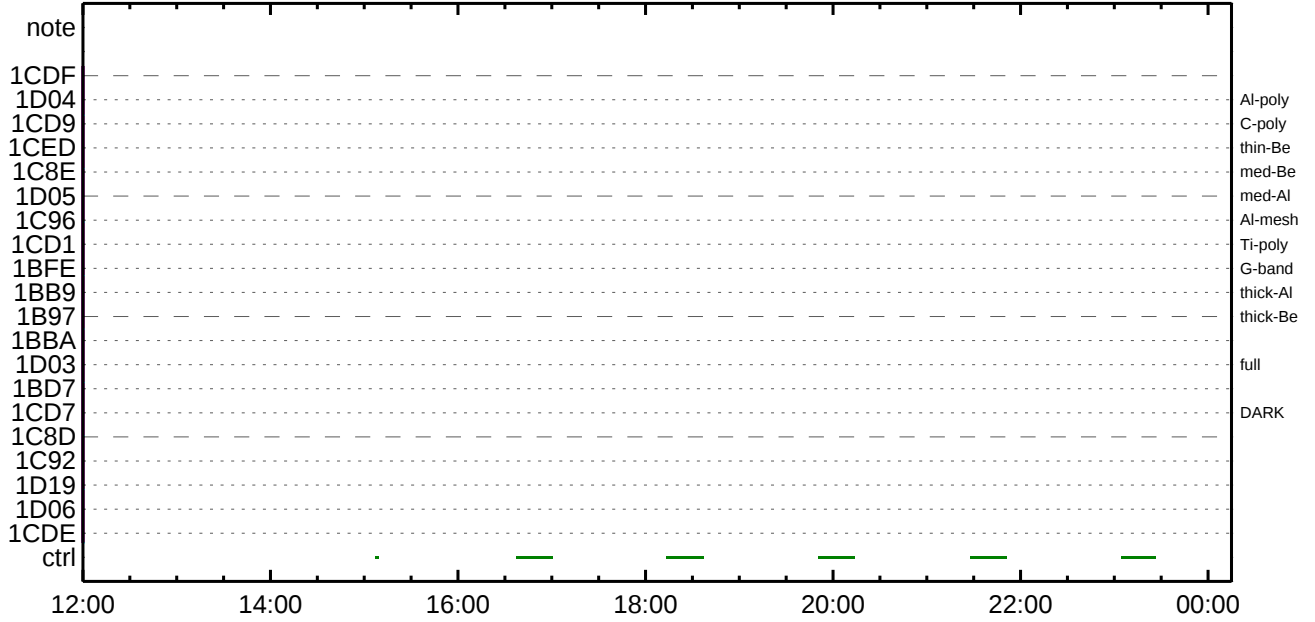
CMDI #0358 2025/02/02



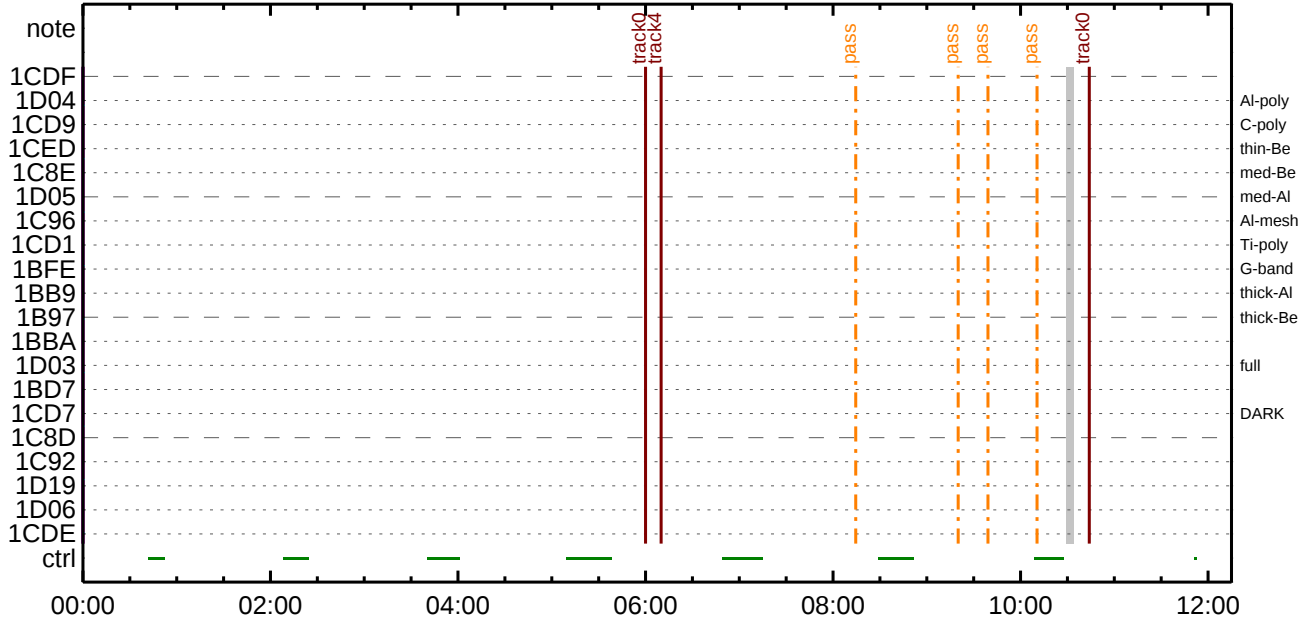
CMDI #0358 2025/02/03



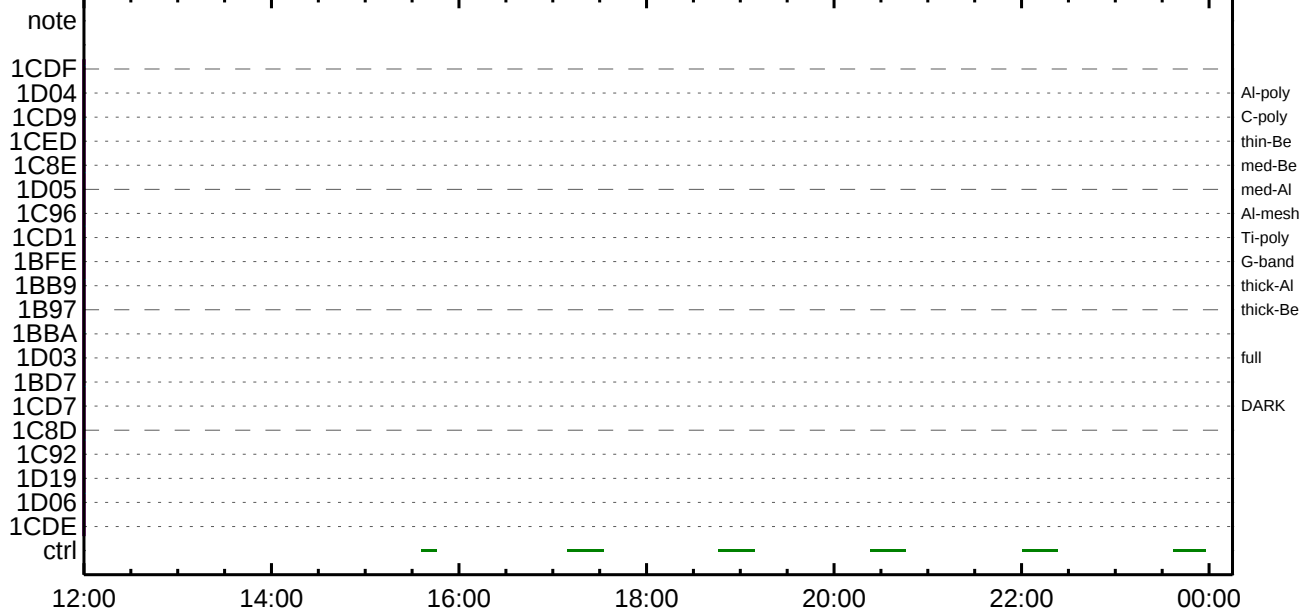
CMDI #0358 2025/02/03



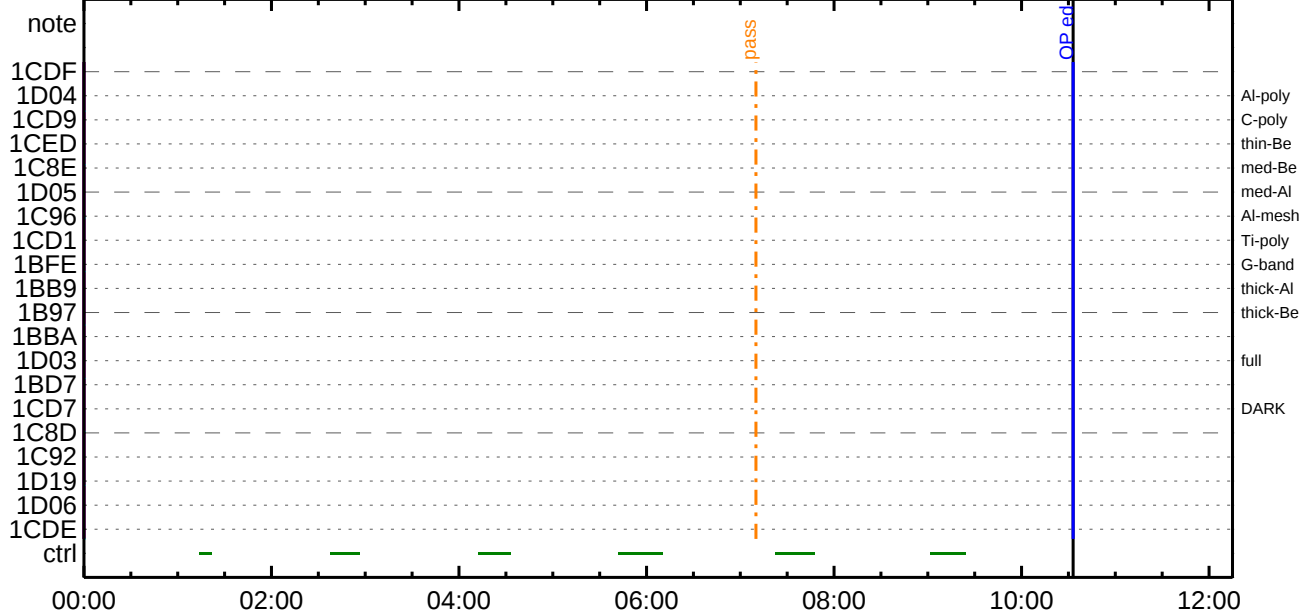
CMDI #0358 2025/02/04



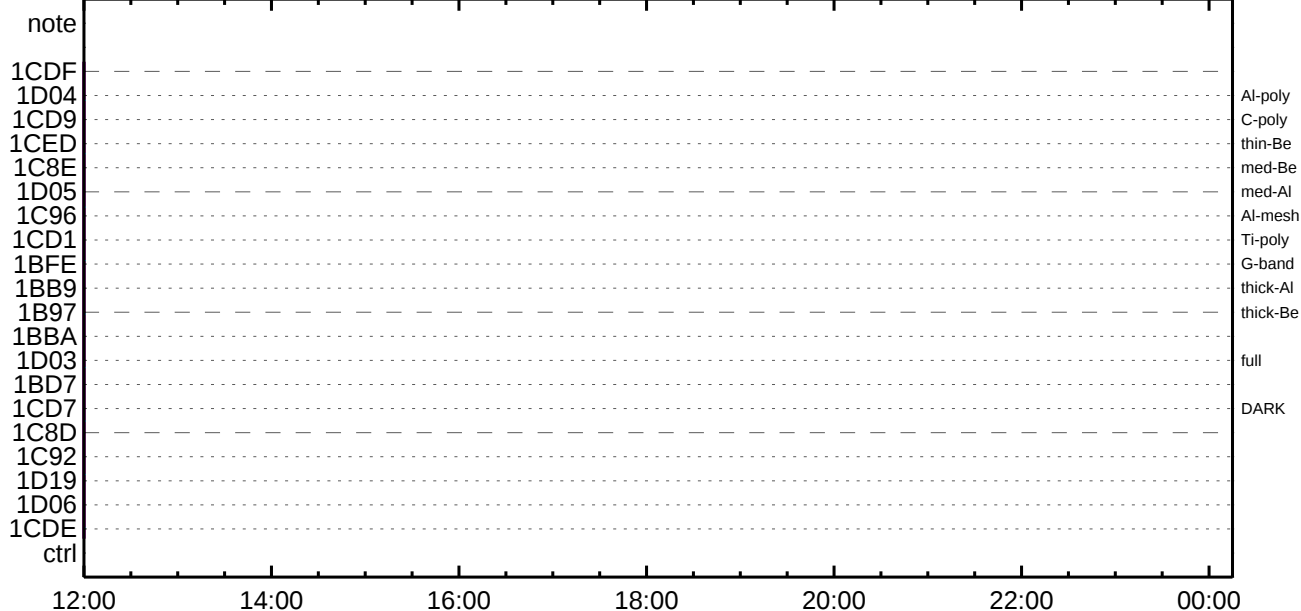
CMDI #0358 2025/02/04



CMDI #0358 2025/02/05



CMDI #0358 2025/02/05



```
main-067 2025-01-28 14:36:52 205 33 SOLAR-B MAIN //
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```
main-067 2025-01-28 14:36:52 205 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŲÁŲ$ŲĂŲ~¼Ä»Ü;ä
0005 C.
0006 C. ŲĂŲß;¼Ų³ŲPŲóŲÉÁ÷ç®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Āī;ĒñçġÄñ•µ°E»İ×ÂÇñİŲçŲĂŲ×Ųı;¼ŲÉ;ĒĒè²µ•îİĒ;ĒñĒ¼°ÇÖñ•ñç¼ı¹çñİ;çÀ®,ùñ¹ñĒñPñÇÁ÷ç®ñ•ñĒñññ³ñĒ;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. OP/OGŲı;¼ŲÉ;|ŲĂŲóŲ×
0016 C. *****
0017 C.
0018 . C. ;ãOP/OGŲı;¼ŲÉ;ä
0019 . S. OP op-067:OP
0020 ()
0021 . S. OG og-067:OG
0022 ()
0023 C.
0024 . C. ;ãNMOG&OPİî°èŲĂŲóŲ×;ä
0025 C. NMOG(0x200000-0x207FFF;$ 32 kbyte)
0026 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0027 BC (20 00 7f 01 02)
0028 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0029 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0030 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0031 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0032 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0033 +. DC 01-22 DHU_MODE_CHNG
0034 BC (07 0b f8)
0035 C. çç[HK1_PKT_FORM_NO] EQ 7
0036 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0037 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0038 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0039 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0040 . C. ŲĂŲóŲ×½ªİ»ñò³İÇŞ
0041 C. çç[HK1_DMP_CHK_FLG] EQ NON
0042 . C. RAM ID=NMOGñİ¾Ē¹ç•ë²İOKñò³İÇŞ
0043 C.
0044 C. NMOG(0x208000-0x20FFFF;$ 32 kbyte)
0045 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0046 BC (20 80 7f 01 02)
0047 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0048 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0049 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0050 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0051 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0052 +. DC 01-22 DHU_MODE_CHNG
0053 BC (07 0b f8)
0054 C. çç[HK1_PKT_FORM_NO] EQ 7
0055 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0056 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0057 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0058 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0059 . C. ŲĂŲóŲ×½ªİ»ñò³İÇŞ
0060 C. çç[HK1_DMP_CHK_FLG] EQ NON
0061 . C. RAM ID=NMOGñİ¾Ē¹ç•ë²İOKñò³İÇŞ
0062 C.
0063 C. NMOG(0x210000-0x2100FF;$ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0064 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0065 BC (21 00 41 01 02)
0066 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0067 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0068 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0069 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0070 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0071 +. DC 01-22 DHU_MODE_CHNG
0072 BC (07 0b f8)
0073 C. çç[HK1_PKT_FORM_NO] EQ 7
0074 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0075 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0076 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0077 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0078 . C. ŲĂŲóŲ×½ªİ»ñò³İÇŞ
0079 C. çç[HK1_DMP_CHK_FLG] EQ NON
0080 . C. RAM ID=NMOG,RAM ID=OPñİ¾Ē¹ç•ë²İOKñò³İÇŞ
0081 C.
0082 . C. ***** °Ē²¼ñİ¾Ē¹¶ŲĴ°ñĒĒĒ¬ñÁ÷ç® (¾ăµ-ŲĂŲóŲ×¼ê½çñòĀÓĀæñÇ½ªñ¬ñë¾ı¹çñÇñâ) *****
0083 C. DHUŲä;¼ŲÉ;Ē¼Ų½,Ųı;¼ŲÉ;Ēñòİāñ¹
0084 +. DC 01-22 DHU_MODE_CHNG
0085 BC (02 0a f8)
0086 C. çç[HK1_PKT_FORM_NO] EQ 2
0087 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0088 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0089 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0090 C.
0091 . C. *****
0092 C. TI-CMD SET (OPOG STOP/COPY/START)
0093 C. *****
0094 C.
0095 . C. NOTICE |$ OPOG UPLOADñ¬Á÷ç®NGñİ¾ı¹ç;ç°Ē²¼ñİTI-CMDÁ÷ç®ñİ¼ĀÎñ•ñĒñññ³ñĒ;£
```

0096	C.				
0097	C.				
0098	. C.	TI¥³¥Ð¥Ó¥Ë¤ðÃÐİ¿ (UT)			
0099	+ . TI	2025-01-28 11:34:00.0			
0100	DC	01-B3 DHU_OP_STOP			
0101	C.	¢¢ [HK1_TI_CMD_NUM]	EQ	1COUNTUP	
0102	C.				
0103	+ . TI	2025-01-28 11:34:01.0			
0104	DC	01-B4 DHU_OP_COPY			
0105	C.	¢¢ [HK1_TI_CMD_NUM]	EQ	1COUNTUP	
0106	C.				
0107	+ . TI	2025-01-28 11:34:01.0			
0108	DC	01-B5 DHU_OPOG_COPY			
0109	C.	¢¢ [HK1_TI_CMD_NUM]	EQ	1COUNTUP	
0110	C.				
0111	+ . TI	2025-01-28 11:38:59.5			
0112	DC	01-B2 DHU_OP_START			
0113	C.	¢¢ [HK1_TI_CMD_NUM]	EQ	1COUNTUP	
0114	C.				
0115	C.	°Ê²¼¤İÄê¾ıİÍ¤İ¥Á¥\$¥Ä¥¹ àiÜ			
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.	TIIÎ°è¥Ä¥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.	¥Ä¥Ó¥×½ªİ»¤ð³İÇ\$			
0142	C.	¢¢ [HK1_DMP_CHK_FLG]	EQ	NON	
0143	C.				
0144	. C.	RAM ID=TI_TBL¤İ¾È¹Ç•ë²İOK¤ð³İÇ\$			
0145	C.				
0146	. C.	DHU¥â;¼¥É;Ê¼ý½,¥ı;¼¥Ë;Ë¤ðİá¤¹			
0147	+ . DC	01-22 DHU_MODE_CHNG			
0148	BC	(02 0a f8)			
0149	C.	¢¢ [HK1_PKT_FORM_NO]	EQ	2	
0150	C.	¢¢ [HK1_PKT_GEN_TIME]	EQ	0.5S	
0151	C.	¢¢ [HK1_S_TLM_BIT_RATE]	EQ	32K	
0152	C.	¢¢ [HK1_X_TLM_BIT_RATE]	EQ	4M	
0153	C.				
0154	C.	*****			
0155	C.	SOT TI command set			
0156	C.	*****			
0157	C.	Execute, after the success of OP upload.			
0158	+ . TI	2025-01-28 11:38:16.0			
0159	DC	07-F0 MDP_SOT_MODE_STBY			
0160	BC	(41)			
0161	. C.	-----			
0162	C.	HK1_TI_CMD_NUM = 1 CNTUP []			
0163	C.	-----			
0164	C.	***** SOT END *****			
0165	. C.	Stop EIS observation and temporarily disable EIS mode changes			
0166	C.				
0167	C.				
0168	C.	***** Start EIS operation (TI set) *****			
0169	C.	Execute, after the success of OP upload.			
0170	C.	Set EIS TI-commands			
0171	+ . TI	2025-01-28 11:38:30.0			
0172	DC	07-FC EIS_MODE_MANU			
0173	BC	(21 02)			
0174	+ . TI	2025-01-28 11:38:40.0			
0175	DC	07-FC EIS_MODE_CHG_DIS			
0176	BC	(22)			
0177	. C.	[] [HK1_TI_CMD_NUM]	EQ	2 COUNTUP	
0178	C.	***** End EIS operation (TI set) *****			
0179	C.				
0180	C.				
0181	C.				
0182	C.	***** XRT START *****			
0183	C.	Execute, after the success of OP upload.			
0184	+ . TI	2025-01-28 11:38:00.0			
0185	DC	07-F0 MDP_XRT_MODE_STBY			
0186	BC	(c			

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

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main-068 2025-01-28 14:36:52 178 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŲÁŲ$ŲÃŲ~¼Ä»Ü;ä
0005 C.
0006 C. ŲÄŲß;¼Ų³ŲÐŲóŲÉÄ÷ç®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Äí;ËñçðÀñ•µ°E»Í×ÅÇñÎŲçŲÃŲ×Ųí;¼ŲÉ;ËËè²µ•íîÊ;ËÈ¼°ÇÖñ•ñç¼¹¹Çñİ;çÀ®,ùñ¹ñèñÞñÇÄ÷ç®ñ•ñÈñññ³ñÈ;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÄ÷ç®µ;ON
0016 C. *****
0017 C. °EÄ,Í×ÈÝñäLOSñÞñÇñÎ»Þ'Öòò¹íî,ñ•;çÉÔÍ×ñÈXÄÓONñİ¹ÖñÈñíñÈñññ³ñÈ;£
0018 C.
0019 +. DC 03-B4 TCIA_XPA_ON/HI
0020 M. WAIT_SEC 1
0021 + DC 03-84 TCIA_XMOD_ON
0022 M. WAIT_SEC 1
0023 + DC 03-95 TCIA_XMOD_QPSK
0024 C. çç[HK1_XPA_ON/OFF] EQ ON
0025 C. çç[HK1_XPA_PWR_HI/LO] EQ HI
0026 C. çç[HK1_XMOD_ON/OFF] EQ ON
0027 C. çç[HK1_XMOD_QPSK/PM] EQ QPSK
0028 C.
0029 . C. XŲÐŲóŲÉŲíŲÄŲŲ¾ÒÄÖñ¬°ÄÄèñ•ñç,ç°Ê²¼ñî°EÄ,¼è½Çñò¼Ä¹Öñ¹ñè;£
0030 C.
0031 . C. *****
0032 C. DR PT1 Äî¼í°EÄ,
0033 C. *****
0034 C. ° RESTART;ÊPT1;Ëñ•ñç¼ñ¼¹¹Çñİ;ç°Ê²¼ñî¼Ä¹Öñññ°;çDCBC-150ñØçÊñà;£
0035 C.
0036 . C. ;ãPT1°EÄ,³«»İ;ä
0037 +. DC 01-29 DHU_S/X_VC4_OFF
0038 + DC 06-C8 DR_PT1_REP_SEL
0039 BC (01 00)
0040 + DC 06-B3 DR_REP_START
0041 + DC 01-32 DHU_X_VC4_ON
0042 C. çç[HK1_REP_PT_1/2] EQ PT1 (¼Ä¹Ö,;¼Ü)
0043 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ö,;¼Ü)
0044 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö,;¼Ü)
0045 C.
0046 . C. ;ãŲçŲóŲEŲEŲÄÚÂØ;ÊÄ•Ä°²öÈò;Ë,ãñî°EÄ,°E³«;ä
0047 +. DC 06-B3 DR_REP_START
0048 + DC 01-32 DHU_X_VC4_ON
0049 C. çç[HK1_REP_PT_1/2] EQ PT1 (¼Ä¹Ö,;¼Ü)
0050 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ö,;¼Ü)
0051 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö,;¼Ü)
0052 C.
0053 C.
0054 . C. PT1°EÄ,ñ¬¼«E°Ää»ßñ•ñç,ä;ç°Ê²¼ñò¼Ä¹Öñ¹ñè;£
0055 C. ŲçŲóŲEŲEŲÄÚÂØñäÄ•Ä°²öÈòñ¬¼áñ¼¹¹Çñİ'°î»ñ¹ñèñÞñÇÄÖñÄ;£
0056 C.
0057 . C. *****
0058 C. DR PT2 Äî¼í°EÄ,
0059 C. *****
0060 C. ° RESTART;ÊPT2;Ëñ•ñç¼ñ¼¹¹Çñİ;ç°Ê²¼ñî¼Ä¹Öñññ°;çDCBC-151ñØçÊñà;£
0061 C.
0062 . C. ;ãPT2°EÄ,³«»İ;ä
0063 +. DC 01-29 DHU_S/X_VC4_OFF
0064 + DC 06-C8 DR_PT2_REP_SEL
0065 BC (02 00)
0066 + DC 06-B3 DR_REP_START
0067 + DC 01-32 DHU_X_VC4_ON
0068 C. çç[HK1_REP_PT_1/2] EQ PT2 (¼Ä¹Ö,;¼Ü)
0069 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ö,;¼Ü)
0070 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö,;¼Ü)
0071 C.
0072 . C. ;ãŲçŲóŲEŲEŲÄÚÂØ;ÊÄ•Ä°²öÈò;Ë,ãñî°EÄ,°E³«;ä
0073 +. DC 06-B3 DR_REP_START
0074 + DC 01-32 DHU_X_VC4_ON
0075 C. çç[HK1_REP_PT_1/2] EQ PT2 (¼Ä¹Ö,;¼Ü)
0076 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ö,;¼Ü)
0077 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö,;¼Ü)
0078 C.
0079 . C. *****
0080 C. DR°EÄ,Ää»ß;çXÄ÷ç®µ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°EÄ,Ää»ß;ä
0084 +. DC 06-B4 DR_REP_STOP
0085 + DC 01-29 DHU_S/X_VC4_OFF
0086 C. çç[HK1_REP_STA/STP] EQ STOP
0087 C. çç[HK1_S_VC4_ON/OFF] EQ OFF
0088 C. çç[HK1_X_VC4_ON/OFF] EQ OFF
0089 C.
0090 . C. ;ãXÄ÷ç®µ;OFF;ä
0091 +. DC 03-85 TCIA_XMOD_OFF
0092 M. WAIT_SEC 1
0093 + DC 03-B5 TCIA_XPA_OFF
0094 C. çç[HK1_XMOD_ON/OFF] EQ OFF
0095 C. çç[HK1 XPA ON/OFF] EO OFF
```

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0096 C.
0097 C.
0098 . C. ***** AOCS Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ()
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCS Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCSDUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 C.
0129 . C. ***** AOCS Commands (Orbital Element Update) *****
0130 C. Update the orbital element
0131 +. DC 02-50 AOCU_ORB_PRPGT_START
0132 BC (16)
0133 +. DC 02-8E AOCU_ORB_UPD
0134 C.
0135 C. <A_ORB>[ORBIT] EPC = 8261565.0 +- 1.0 (s) [ ]
0136 C.
0137 C.
0138 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0139 +. DC 07-FC EIS_MODE_CHG_ENA
0140 BC (20)
0141 . C. Verify EIS_MODE_CHG_FLG is ENA
0142 +. DC 07-FC EIS_MODE_MANU
0143 BC (21 02)
0144 . C. Verify EIS in MANUAL mode
0145 . C. Estimated OBSTBL upload time is 40s
0146 C. *****
0147 C. EIS START OBSTBL LOAD
0148 C. *****
0149 . S. RAM ram-820:EIS_OBSTBL
0150 ()
0151 +. DC 07-FC EIS_DUMP_OBSTBL
0152 BC (07 07 07 00 00 70 00)
0153 C.
0154 C. Execute, after the success of OBSTBL upload.
0155 C. Set EIS TI-commands
0156 +. TI 2025-01-28 11:38:50.0
0157 DC 07-FC EIS_MODE_CHG_ENA
0158 BC (20)
0159 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0160 C. *****
0161 C. EIS END OBSTBL LOAD
0162 C. *****
0163 C.
0164 . C. ***** MDP 'ûÃîî»ö¼ÝñÊÄñ¹ñëDCBC•×²è *****
0165 C. (¾å°î¥Ó¥Å¥Ê¥Ð¥Ê¥Å¥Ç¥ÊñÊ¼ñ¼Å»Û¹ñë)
0166 . S. DC-BC dcbc-402:DCBC
0167 (MDP_known_event)
0168 C.
0169 C.
0170 . C. ***** ¥Ð¥¹•İ Daily±¿ÍÑñÊ'Øñ¹ñëDCBC•×²è *****
0171 . S. DC-BC dcbc-153:DCBC
0172 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0173 C.
0174 C.
0175 . C. ;ãLOS¥Á¥S¥Å¥¹¼Å»Û;ä
0176 C.
0177 . C. ***** LOS *****
0178 C.

```

```
main-069 2025-01-28 14:36:52 136 33 SOLAR-B MAIN //
```

```
0063      . C. ----- Comparison Check ?                OK / ERR _____
```

```
0096 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0097 BC (c8)
0098 + DC 07-F0 MDP_XRT_ARS_DIS
0099 BC (d5)
0100 + DC 07-F0 MDP_XRT_AEC_RESET
0101 BC (d0)
0102 + DC 07-F0 MDP_XRT_FLD_RESET
0103 BC (da)
0104 + DC 07-F0 MDP_XRT_QT_PROG_SET
0105 BC (c4 0c)
0106 + DC 07-F0 MDP_XRT_FL_PROG_SET
0107 BC (c5 0e)
0108 . C. ----- Success Verify ? OK / NG ____
0109 C.
0110 C.
0111 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0112 C.
0113 + DC 07-F0 MDP_XRT_MODE_OBSV
0114 BC (c2)
0115 + TI 2025-01-28 11:38:02.0
0116 DC 07-F0 MDP_XRT_MODE_OBSV
0117 BC (c2)
0118 . C. ----- Success Verify ? OK / NG ____
0119 C.
0120 C. ***** XRT END *****
0121 C.
0122 . C. ***** MDP `ûÃÎ¼Î»ö¾Ý¶ËÄÐ¼¹ëDCBC•x²è *****
0123 C. (%â°î¥Ö¥Å¥Ê¥Ð¥Æ¥Á¥Ç¥È¥½¾¼¼¼»Ü¼¹ë)
0124 . S. DC-BC dcbc-402:DCBC
0125 (MDP_known_event)
0126 C.
0127 C.
0128 . C. ***** ¥Ð¥¹•İ Daily±¿İÑ¼Ë'Ø¼¹ëDCBC•x²è *****
0129 . S. DC-BC dcbc-153:DCBC
0130 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0131 C.
0132 C.
0133 . C. ¡ãLOS¥Á¥$¥Ã¥~¼Ä»Ü¡ä
0134 C.
0135 . C. ***** LOS *****
0136 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-070 2025-01-28 14:36:52 29 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŸÁŸSŸÃŸ~¼Ã»Ü;ä
0005 C.
0006 C. ŸÀŸß;¼Ÿ³ŸÐŸóŸÉÁ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOS : Reload orbital element (send every contact) *****
0010 C. Áí;Ë¿µ°Æ»Í×ÁÇµÎŸçŸÃŸ×Ÿí;¼ŸÉ;ËËè½µ•íÍË;ËµË¼°ÇÓµ•µ¿¼í¹ÇµÍ;çÀ®,ùµ¹µèµÐµÇÁ÷¿®µ•µÊµµµ³µÈ;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 . C. ***** MDP ´ûÃÎµÎ»ö¾ÝµËËÐµ¹µèDCBC•×²è *****
0016 C. (¾å°íŸÓŸÃŸËŸÐŸËŸÁŸçŸèµË¾¾¾¾¾¾»Üµ¹µè)
0017 . S. DC-BC dcbc-402:DCBC
0018 (MDP_known_event)
0019 C.
0020 C.
0021 . C. ***** ŸÐŸ¹•Ï Daily±¿ÍÑµË´Øµ¹µèDCBC•×²è *****
0022 . S. DC-BC dcbc-153:DCBC
0023 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0024 C.
0025 C.
0026 . C. ;ãLOSŸÁŸSŸÃŸ~¼Ã»Ü;ä
0027 C.
0028 . C. ***** LOS *****
0029 C.
```

XRT OGLIST 0358.chk

[illegible]

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2025/01/28	18:13:34.0	MDP_XRT_FLD_RESET	1	07-F0	da
		XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/01/28	18:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/01/28	18:37:01.0	XRT_Custom_430_OG [0x1ae]			
2025/01/28	18:38:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/01/28	19:50:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/28	19:50:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/01/28	19:50:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/01/28	19:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/01/28	20:13:30.0	XRT_Custom_430_OG [0x1ae]			
2025/01/28	20:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/01/28	21:27:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/28	21:27:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/01/28	21:27:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/01/28	21:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/01/28	21:50:30.0	XRT_Custom_430_OG [0x1ae]			
2025/01/28	21:51:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/01/28	23:04:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/28	23:04:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/01/28	23:04:34.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/01/28	23:07:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/01/28	23:26:30.0	XRT_Custom_430_OG [0x1ae]			
2025/01/28	23:27:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/01/29	00:41:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/29	00:41:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/01/29	00:41:34.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/01/29	00:44:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/01/29	00:52:30.0	XRT_Custom_430_OG [0x1ae]			
2025/01/29	00:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/01/29	02:08:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/29	02:08:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/01/29	02:08:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/01/29	02:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/01/29	02:24:30.0	XRT_Custom_430_OG [0x1ae]			
2025/01/29	02:25:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/01/29	03:40:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/29	03:40:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/01/29	03:40:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/01/29	03:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/01/29	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/29	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/01/29	04:00:00.0	AOCs_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/01/29	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/01/29	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/01/29	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/01/29	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/01/29	04:00:24.0	XRT_FLD_RESET_428_OG [0x1ac]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/01/29	04:02:56.0	XRT_QT_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2025/01/29	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/01/29	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0

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2025/01/29	05:08:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
2025/01/29	05:08:32.0	MDP_XRT_CTRL_MANU XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
2025/01/29	05:08:34.0	MDP_XRT_FLD_RESET XRT_PREFLR_STRT_425_OG [0x1a9]	1	07-F0	e8
2025/01/29	05:11:44.0	MDP_XRT_PREFLR_STRT XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
2025/01/29	05:37:30.0	MDP_XRT_PREFLR_STOP XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2025/01/29	05:38:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
2025/01/29	05:59:54.0	MDP_XRT_CTRL_AUTO XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1
2025/01/29	05:59:56.0	MDP_XRT_CTRL_MANU XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1
2025/01/29	05:59:58.0	MDP_XRT_CTRL_MANU XRT_FOCUS_POSITION_406_OG [0x196]	4	07-F8	22 ff aa 00
2025/01/29	06:00:18.0	XRT_FOCUS_POSITION XRT_FLD_DIS_409_OG [0x199]	1	07-F0	d9
2025/01/29	06:00:20.0	MDP_XRT_FLD_DIS XRT_FLRCTRL_DIS_413_OG [0x19d]	1	07-F0	c9
2025/01/29	06:00:22.0	MDP_XRT_FLRCTRL_DIS XRT_ARS_DIS_435_OG [0x1b3]	1	07-F0	d5
2025/01/29	06:02:58.0	MDP_XRT_ARS_DIS XRT_QT_PROG_SET_416_OG [0x1a0]	2	07-F0	c4 11
2025/01/29	06:03:00.0	MDP_XRT_QT_PROG_SET XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0	c0
2025/01/29	06:09:54.0	MDP_XRT_CTRL_AUTO XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1
2025/01/29	06:09:56.0	MDP_XRT_CTRL_MANU XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1
2025/01/29	06:09:58.0	MDP_XRT_CTRL_MANU XRT_FOCUS_POSITION_410_OG [0x19a]	4	07-F8	22 fe 97 00
2025/01/29	06:10:00.0	XRT_FOCUS_POSITION AOCs_ORe-point_Start_1_OG [0x097]	5	02-76	04 03 64 01 ca
2025/01/29	06:10:18.0	AOCU_NM XRT_FLD_ENA_411_OG [0x19b]	1	07-F0	d8
2025/01/29	06:10:20.0	MDP_XRT_FLD_ENA XRT_FLRCTRL_ENA_412_OG [0x19c]	1	07-F0	c8
2025/01/29	06:10:22.0	MDP_XRT_FLRCTRL_ENA XRT_AEC_RESET_448_OG [0x1c0]	1	07-F0	d0
2025/01/29	06:10:24.0	MDP_XRT_AEC_RESET XRT_ARS_DIS_423_OG [0x1a7]	1	07-F0	d5
2025/01/29	06:10:26.0	MDP_XRT_ARS_DIS XRT_FLD_RESET_434_OG [0x1b2]	1	07-F0	da
2025/01/29	06:12:56.0	MDP_XRT_FLD_RESET XRT_QT_PROG_SET_432_OG [0x1b0]	2	07-F0	c4 06
2025/01/29	06:12:58.0	MDP_XRT_QT_PROG_SET XRT_FL_PROG_SET_439_OG [0x1b7]	2	07-F0	c5 0e
2025/01/29	06:13:00.0	MDP_XRT_FL_PROG_SET XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0	c0
2025/01/29	06:48:30.0	MDP_XRT_CTRL_AUTO XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
2025/01/29	06:48:32.0	MDP_XRT_CTRL_MANU XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
2025/01/29	06:48:34.0	MDP_XRT_FLD_RESET XRT_PREFLR_STRT_425_OG [0x1a9]	1	07-F0	e8
2025/01/29	06:51:44.0	MDP_XRT_PREFLR_STRT XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
2025/01/29	07:15:01.0	MDP_XRT_PREFLR_STOP XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2025/01/29	07:16:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
2025/01/29	08:28:30.0	MDP_XRT_CTRL_AUTO XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
2025/01/29	08:28:32.0	MDP_XRT_CTRL_MANU XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
2025/01/29	08:28:34.0	MDP_XRT_FLD_RESET XRT_PREFLR_STRT_425_OG [0x1a9]	1	07-F0	e8
2025/01/29	08:31:44.0	MDP_XRT_PREFLR_STRT XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
2025/01/29	08:52:00.0	MDP_XRT_PREFLR_STOP XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2025/01/29	08:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
2025/01/29	10:08:00.0	MDP_XRT_CTRL_AUTO XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
2025/01/29	10:08:02.0	MDP_XRT_CTRL_MANU XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
2025/01/29	10:08:04.0	MDP_XRT_FLD_RESET XRT_PREFLR_STRT_425_OG [0x1a9]	1	07-F0	e8
2025/01/29	10:11:14.0	MDP_XRT_PREFLR_STRT XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
2025/01/29	10:27:30.0	MDP_XRT_PREFLR_STOP XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2025/01/29	10:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
2025/01/29	11:50:30.0	MDP_XRT_CTRL_AUTO XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
2025/01/29	11:50:32.0	MDP_XRT_CTRL_MANU XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
2025/01/29	11:50:34.0	MDP_XRT_FLD_RESET XRT_PREFLR_STRT_425_OG [0x1a9]	1	07-F0	e8
2025/01/29	11:52:30.0	MDP_XRT_PREFLR_STRT XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2025/01/29	11:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			

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2025/01/29	11:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/01/29	15:35:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/01/29	15:35:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/01/29	15:35:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/01/29	15:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/01/29	15:45:30.0	XRT_Custom_430_OG [0x1ae]							
2025/01/29	15:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/01/29	17:09:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/01/29	17:09:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/01/29	17:09:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/01/29	17:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/01/29	17:33:00.0	XRT_Custom_430_OG [0x1ae]							
2025/01/29	17:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/01/29	18:02:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/01/29	18:02:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/01/29	18:02:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2025/01/29	18:03:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2025/01/29	18:03:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2025/01/29	18:03:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2025/01/29	18:03:22.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/01/29	18:05:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2025/01/29	18:06:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/01/29	18:12:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/01/29	18:12:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/01/29	18:12:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2025/01/29	18:13:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04 03 64 01 ca				
2025/01/29	18:13:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2025/01/29	18:13:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2025/01/29	18:13:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2025/01/29	18:13:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/01/29	18:13:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/01/29	18:15:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06				
2025/01/29	18:15:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2025/01/29	18:16:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/01/29	18:46:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/01/29	18:46:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/01/29	18:46:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/01/29	18:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/01/29	19:09:31.0	XRT_Custom_430_OG [0x1ae]							
2025/01/29	19:10:31.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/01/29	20:22:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/01/29	20:22:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/01/29	20:22:34.0	XRT_PREFLR_STRT_425_OG [0x1a9]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/01/29	20:25:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/01/29	20:46:00.0	XRT_Custom_430_OG [0x1ae]							
2025/01/29	20:47:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/01/29	21:59:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/01/29	21:59:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/01/29	21:59:34.0	XRT_PREFLR_STRT_425_OG [0x1a9]							

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2025/01/29	22:02:44.0	MDP_XRT_PREFLR_STRT	1	07-F0	e8
		XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/01/29	22:23:00.0	XRT_Custom_430_OG [0x1ae]			
2025/01/29	22:24:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/01/29	23:37:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/29	23:37:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/01/29	23:37:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/01/29	23:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/01/29	23:57:30.0	XRT_Custom_430_OG [0x1ae]			
2025/01/29	23:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/01/30	01:14:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/30	01:14:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/01/30	01:14:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/01/30	01:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/01/30	01:22:00.0	XRT_Custom_430_OG [0x1ae]			
2025/01/30	01:23:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/01/30	02:37:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/30	02:37:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/01/30	02:37:34.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/01/30	02:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/01/30	02:56:30.0	XRT_Custom_430_OG [0x1ae]			
2025/01/30	02:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/01/30	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/30	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/01/30	04:00:00.0	AOCs_Or-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/01/30	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/01/30	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/01/30	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/01/30	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/01/30	04:00:24.0	XRT_FLD_RESET_428_OG [0x1ac]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/01/30	04:02:56.0	XRT_QT_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2025/01/30	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/01/30	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/01/30	04:12:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/30	04:12:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/01/30	04:12:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/01/30	04:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/01/30	04:33:00.0	XRT_Custom_430_OG [0x1ae]			
2025/01/30	04:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/01/30	05:42:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/30	05:42:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/01/30	05:42:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/01/30	05:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/01/30	06:10:00.0	XRT_Custom_430_OG [0x1ae]			
2025/01/30	06:11:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/01/30	06:19:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/30	06:19:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/30	06:19:28.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/01/30	06:19:48.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2025/01/30	06:19:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9

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2025/01/30	06:19:52.0	XRT_ARS_DIS_435_OG [0x1b3]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/01/30	06:22:28.0	XRT_QT_PROG_SET_416_OG [0x1a0]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11
2025/01/30	06:22:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/01/30	06:29:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/30	06:29:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/30	06:29:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/01/30	06:29:30.0	AOCS_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	04 03 64 01 ca
2025/01/30	06:29:48.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/01/30	06:29:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/01/30	06:29:52.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/01/30	06:29:54.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/01/30	06:29:56.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/01/30	06:32:26.0	XRT_QT_PROG_SET_432_OG [0x1b0]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2025/01/30	06:32:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/01/30	06:32:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/01/30	07:22:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/30	07:22:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/01/30	07:22:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/01/30	07:25:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/01/30	07:47:30.0	XRT_Custom_430_OG [0x1ae]			
2025/01/30	07:48:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/01/30	09:02:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/30	09:02:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/01/30	09:02:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/01/30	09:05:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/01/30	09:24:00.0	XRT_Custom_430_OG [0x1ae]			
2025/01/30	09:25:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/01/30	10:42:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/30	10:42:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/01/30	10:42:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/01/30	10:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/01/30	10:58:00.0	XRT_Custom_430_OG [0x1ae]			
2025/01/30	10:59:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/01/30	16:06:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/30	16:06:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/01/30	16:06:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/01/30	16:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/01/30	16:19:00.0	XRT_Custom_430_OG [0x1ae]			
2025/01/30	16:20:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/01/30	16:27:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/30	16:27:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/01/30	16:27:34.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/01/30	16:28:30.0	XRT_Custom_430_OG [0x1ae]			
2025/01/30	16:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/01/30	16:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/01/30	17:41:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/30	17:41:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/01/30	17:41:34.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/01/30	17:44:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9

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2025/01/30	18:04:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/30	18:04:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/30	18:04:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/01/30	18:05:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/01/30	18:05:18.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2025/01/30	18:05:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/01/30	18:05:22.0	XRT_ARS_DIS_435_OG [0x1b3]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/01/30	18:07:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11
2025/01/30	18:08:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/01/30	18:14:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/30	18:14:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/30	18:14:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/01/30	18:15:00.0	AOCS_ORe-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	00 ad 59 00 00
2025/01/30	18:15:18.0	XRT_FLD_DIS_443_OG [0x1bb]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2025/01/30	18:29:54.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/01/30	18:29:56.0	XRT_ARS_DIS_427_OG [0x1ab]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/01/30	18:29:58.0	XRT_QT_PROG_SET_438_OG [0x1b6]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2025/01/30	18:30:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/01/30	20:14:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/30	20:14:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/30	20:14:58.0	XRT_FOCUS_POSITION_418_OG [0x1a2]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/01/30	20:15:00.0	AOCS_ORe-point_Start_4_OG [0x09a]			
		AOCU_NM	5	02-76	00 00 00 56 35
2025/01/30	20:15:18.0	XRT_FLD_DIS_443_OG [0x1bb]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2025/01/30	20:29:54.0	XRT_ARS_DIS_427_OG [0x1ab]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/01/30	20:29:56.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/01/30	20:29:58.0	XRT_QT_PROG_SET_420_OG [0x1a4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2025/01/30	20:30:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/01/30	22:14:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/30	22:14:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/30	22:14:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/01/30	22:15:00.0	AOCS_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	04 03 64 01 ca
2025/01/30	22:15:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/01/30	22:15:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/01/30	22:15:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/01/30	22:15:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/01/30	22:15:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/01/30	22:17:56.0	XRT_QT_PROG_SET_441_OG [0x1b9]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2025/01/30	22:17:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/01/30	22:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/01/30	22:32:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/30	22:32:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/01/30	22:32:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/01/30	22:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/01/30	22:55:00.0	XRT_Custom_430_OG [0x1ae]			
2025/01/30	22:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/01/31	00:09:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/01/31	00:09:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da

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2025/01/31	00:09:34.0	XRT_PREFLR_STRT_425_OG [0x1a9]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/01/31	00:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/01/31	00:26:31.0	XRT_Custom_430_OG [0x1ae]							
2025/01/31	00:27:31.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/01/31	01:44:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/01/31	01:44:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/01/31	01:44:34.0	XRT_PREFLR_STRT_425_OG [0x1a9]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/01/31	01:46:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/01/31	01:46:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/01/31	01:46:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/01/31	01:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/01/31	01:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/01/31	01:53:00.0	XRT_Custom_430_OG [0x1ae]							
2025/01/31	01:54:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/01/31	03:08:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/01/31	03:08:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/01/31	03:08:34.0	XRT_PREFLR_STRT_425_OG [0x1a9]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/01/31	03:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/01/31	03:28:30.0	XRT_Custom_430_OG [0x1ae]							
2025/01/31	03:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/01/31	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/01/31	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2025/01/31	04:00:00.0	AOCs_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2025/01/31	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2025/01/31	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2025/01/31	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2025/01/31	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/01/31	04:00:24.0	XRT_FLD_RESET_428_OG [0x1ac]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/01/31	04:02:56.0	XRT_QT_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2025/01/31	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2025/01/31	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/01/31	04:38:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/01/31	04:38:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/01/31	04:38:34.0	XRT_PREFLR_STRT_425_OG [0x1a9]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/01/31	04:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/01/31	05:05:30.0	XRT_Custom_430_OG [0x1ae]							
2025/01/31	05:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/01/31	05:48:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/01/31	05:48:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/01/31	05:48:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2025/01/31	05:49:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2025/01/31	05:49:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2025/01/31	05:49:22.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/01/31	05:51:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2025/01/31	05:52:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/01/31	05:58:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/01/31	05:58:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/01/31	05:58:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2025/01/31	05:59:00.0	AOCs_Ore-point_Start_1_OG [0x097]							

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2025/01/31	05:59:18.0	XRT_FLD_ENA_411_OG [0x19b]	5	02-76 04 03 64 01 ca
		MDP_XRT_FLD_ENA	1	07-F0 d8
2025/01/31	05:59:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	1	07-F0 c8
		MDP_XRT_FLRCTRL_ENA	1	07-F0 d0
2025/01/31	05:59:22.0	XRT_AEC_RESET_448_OG [0x1c0]	1	07-F0 d5
		MDP_XRT_AEC_RESET	1	07-F0 da
2025/01/31	05:59:24.0	XRT_ARS_DIS_423_OG [0x1a7]	1	07-F0 c4 04
		MDP_XRT_ARS_DIS	2	07-F0 c5 0e
2025/01/31	05:59:26.0	XRT_FLD_RESET_434_OG [0x1b2]	1	07-F0 c0
		MDP_XRT_FLD_RESET	1	07-F0 c1
2025/01/31	06:01:56.0	XRT_QT_PROG_SET_441_OG [0x1b9]	1	07-F0 da
		MDP_XRT_QT_PROG_SET	1	07-F0 e8
2025/01/31	06:01:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	1	07-F0 e9
		MDP_XRT_FL_PROG_SET	1	07-F0 c0
2025/01/31	06:02:00.0	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0 c1
		MDP_XRT_CTRL_AUTO	1	07-F0 da
2025/01/31	06:15:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0 da
		MDP_XRT_CTRL_MANU	1	07-F0 e8
2025/01/31	06:15:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0 e9
		MDP_XRT_FLD_RESET	1	07-F0 c0
2025/01/31	06:15:34.0	XRT_PREFLR_STRT_425_OG [0x1a9]	1	07-F0 c1
		MDP_XRT_PREFLR_STRT	1	07-F0 da
2025/01/31	06:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0 e8
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/01/31	06:42:30.0	XRT_Custom_430_OG [0x1ae]	1	07-F0 c0
2025/01/31	06:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0 c1
		MDP_XRT_CTRL_AUTO	1	07-F0 da
2025/01/31	07:55:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0 e8
		MDP_XRT_CTRL_MANU	1	07-F0 e9
2025/01/31	07:55:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0 c0
		MDP_XRT_FLD_RESET	1	07-F0 c1
2025/01/31	07:55:34.0	XRT_PREFLR_STRT_425_OG [0x1a9]	1	07-F0 da
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/01/31	07:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0 e9
		MDP_XRT_PREFLR_STOP	1	07-F0 c0
2025/01/31	08:19:31.0	XRT_Custom_430_OG [0x1ae]	1	07-F0 c1
2025/01/31	08:20:31.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0 da
		MDP_XRT_CTRL_AUTO	1	07-F0 e8
2025/01/31	09:35:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0 e9
		MDP_XRT_CTRL_MANU	1	07-F0 c0
2025/01/31	09:35:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0 c1
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/01/31	09:35:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]	1	07-F0 e8
		MDP_XRT_PREFLR_STRT	1	07-F0 e9
2025/01/31	09:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0 c0
		MDP_XRT_PREFLR_STOP	1	07-F0 c1
2025/01/31	09:56:00.0	XRT_Custom_430_OG [0x1ae]	1	07-F0 da
2025/01/31	09:57:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0 e8
		MDP_XRT_CTRL_AUTO	1	07-F0 e9
2025/01/31	11:16:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0 c0
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/01/31	11:16:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0 da
		MDP_XRT_FLD_RESET	1	07-F0 e8
2025/01/31	11:16:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]	1	07-F0 e9
		MDP_XRT_PREFLR_STRT	1	07-F0 c0
2025/01/31	11:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0 c1
		MDP_XRT_PREFLR_STOP	1	07-F0 da
2025/01/31	11:27:00.0	XRT_Custom_430_OG [0x1ae]	1	07-F0 e8
2025/01/31	11:28:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0 e9
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/01/31	15:06:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 da
2025/01/31	15:06:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0 e8
		MDP_XRT_FLD_RESET	1	07-F0 e9
2025/01/31	15:06:34.0	XRT_PREFLR_STRT_425_OG [0x1a9]	1	07-F0 c0
		MDP_XRT_PREFLR_STRT	1	07-F0 c1
2025/01/31	15:09:00.0	XRT_Custom_430_OG [0x1ae]	1	07-F0 da
2025/01/31	15:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0 e8
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/01/31	15:10:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0 c0
		MDP_XRT_CTRL_AUTO	1	07-F0 c1
2025/01/31	16:37:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0 da
		MDP_XRT_CTRL_MANU	1	07-F0 e8
2025/01/31	16:37:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0 e9
		MDP_XRT_FLD_RESET	1	07-F0 c0
2025/01/31	16:37:34.0	XRT_PREFLR_STRT_425_OG [0x1a9]	1	07-F0 c1
		MDP_XRT_PREFLR_STRT	1	07-F0 da
2025/01/31	16:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0 e8
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/01/31	17:01:00.0	XRT_Custom_430_OG [0x1ae]	1	07-F0 c0
2025/01/31	17:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0 c1
		MDP_XRT_CTRL_AUTO	1	07-F0 da
2025/01/31	17:49:24.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0 e8
		MDP_XRT_CTRL_MANU	1	07-F0 e9
2025/01/31	17:49:26.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0 c0
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/01/31	17:49:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	4	07-F8 22 ff aa 00
2025/01/31	17:49:30.0	AOCs_Ore-point_Start_2_OG [0x098]	5	02-76 00 00 00 00 00
		AOCU_NM	5	02-76 00 00 00 00 00
2025/01/31	17:49:48.0	XRT_FLD_DIS_409_OG [0x199]	1	07-F0 d9
		MDP_XRT_FLD_DIS	1	07-F0 d9

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2025/01/31	17:49:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2025/01/31	17:49:52.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/01/31	17:52:28.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	11			
2025/01/31	17:52:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/01/31	17:59:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/01/31	17:59:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/01/31	17:59:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2025/01/31	17:59:30.0	AOCs_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04	03	64	01	ca
2025/01/31	17:59:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2025/01/31	17:59:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2025/01/31	17:59:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2025/01/31	17:59:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/01/31	17:59:56.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/01/31	18:02:26.0	XRT_QT_PROG_SET_441_OG [0x1b9]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	04			
2025/01/31	18:02:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e			
2025/01/31	18:02:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/01/31	18:13:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/01/31	18:13:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/01/31	18:13:34.0	XRT_PREFLR_STRT_425_OG [0x1a9]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/01/31	18:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/01/31	18:37:31.0	XRT_Custom_430_OG [0x1ae]							
2025/01/31	18:38:31.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/01/31	19:50:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/01/31	19:50:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/01/31	19:50:34.0	XRT_PREFLR_STRT_425_OG [0x1a9]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/01/31	19:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/01/31	20:14:00.0	XRT_Custom_430_OG [0x1ae]							
2025/01/31	20:15:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/01/31	21:27:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/01/31	21:27:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/01/31	21:27:34.0	XRT_PREFLR_STRT_425_OG [0x1a9]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/01/31	21:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/01/31	21:51:00.0	XRT_Custom_430_OG [0x1ae]							
2025/01/31	21:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/01/31	23:04:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/01/31	23:04:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/01/31	23:04:34.0	XRT_PREFLR_STRT_425_OG [0x1a9]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/01/31	23:07:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/01/31	23:26:30.0	XRT_Custom_430_OG [0x1ae]							
2025/01/31	23:27:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/02/01	00:00:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/02/01	00:00:26.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2025/02/01	00:00:30.0	AOCs_ORe-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	02	00	00	00	00
2025/02/01	00:00:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2025/02/01	00:00:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2025/02/01	00:00:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2025/02/01	00:00:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/02/01	00:00:54.0	XRT_FLD_RESET_428_OG [0x1ac]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/02/01	00:03:26.0	XRT_QT_PROG_SET_401_OG [0x191]							

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2025/02/01	00:03:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01
2025/02/01	00:03:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2025/02/01	00:41:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/02/01	00:41:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/02/01	00:41:34.0	XRT_PREFLR_STRT_425_OG [0x1a9]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/02/01	00:44:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/02/01	00:52:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/02/01	00:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2025/02/01	02:08:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/02/01	02:08:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/02/01	02:08:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/02/01	02:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/02/01	02:24:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/02/01	02:25:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2025/02/01	03:40:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/02/01	03:40:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/02/01	03:40:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/02/01	03:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/02/01	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/02/01	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/02/01	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2025/02/01	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2025/02/01	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2025/02/01	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2025/02/01	04:00:24.0	XRT_FLD_RESET_428_OG [0x1ac]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/02/01	04:00:30.0	AOCS_ORe-point_Start_2_OG [0x098]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/02/01	04:02:56.0	XRT_QT_PROG_SET_440_OG [0x1b8]	AOCU_NM	5	02-76	00	00 00 00 00
2025/02/01	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d
2025/02/01	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2025/02/01	05:08:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/02/01	05:08:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/02/01	05:08:34.0	XRT_PREFLR_STRT_425_OG [0x1a9]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/02/01	05:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/02/01	05:38:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/02/01	05:39:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2025/02/01	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/02/01	05:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/02/01	05:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/02/01	06:00:18.0	XRT_FLD_DIS_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2025/02/01	06:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2025/02/01	06:00:22.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2025/02/01	06:02:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/02/01	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	11
2025/02/01	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/02/01	06:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/02/01	06:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/02/01	06:10:00.0	AOCS_ORe-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2025/02/01	06:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	04	03 64 01 ca

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2025/02/01	06:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2025/02/01	06:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/02/01	06:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2025/02/01	06:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/02/01	06:12:56.0	XRT_QT_PROG_SET_441_OG [0x1b9]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/02/01	06:12:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2025/02/01	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/02/01	06:49:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/02/01	06:49:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/02/01	06:49:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/02/01	06:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/02/01	07:15:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/02/01	07:16:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2025/02/01	08:29:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/02/01	08:29:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/02/01	08:29:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/02/01	08:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/02/01	08:52:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/02/01	08:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2025/02/01	10:08:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/02/01	10:08:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/02/01	10:08:34.0	XRT_PREFLR_STRT_425_OG [0x1a9]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/02/01	10:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/02/01	10:27:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/02/01	10:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2025/02/01	11:51:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/02/01	11:51:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/02/01	11:51:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/02/01	11:52:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/02/01	11:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/02/01	11:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/02/01	15:35:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/02/01	15:35:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/02/01	15:35:34.0	XRT_PREFLR_STRT_425_OG [0x1a9]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/02/01	15:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/02/01	15:45:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/02/01	15:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2025/02/01	17:09:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/02/01	17:09:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/02/01	17:09:34.0	XRT_PREFLR_STRT_425_OG [0x1a9]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/02/01	17:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/02/01	17:33:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/02/01	17:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2025/02/01	18:02:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/02/01	18:02:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/02/01	18:02:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/02/01	18:03:00.0	AOCs_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/02/01	18:03:18.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00
2025/02/01	18:03:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9

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2025/02/01	18:03:22.0	XRT_ARS_DIS_435_OG [0x1b3]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/02/01	18:05:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11
2025/02/01	18:06:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/02/01	18:12:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/02/01	18:12:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/02/01	18:12:58.0	XRT_FOCUS_RECALIBRATE_407_OG [0x197]			
		XRT_FOCUS_RECAL	2	07-F8	78 00
2025/02/01	18:13:00.0	AOCS_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	04 03 64 01 ca
2025/02/01	18:16:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/02/01	18:17:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/02/01	18:17:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/02/01	18:17:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/02/01	18:17:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/02/01	18:17:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/02/01	18:19:56.0	XRT_QT_PROG_SET_441_OG [0x1b9]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2025/02/01	18:19:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/02/01	18:20:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/02/01	18:46:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/02/01	18:46:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/02/01	18:46:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/02/01	18:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/02/01	19:09:31.0	XRT_Custom_430_OG [0x1ae]			
2025/02/01	19:10:31.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/02/01	20:22:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/02/01	20:22:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/02/01	20:22:34.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/02/01	20:25:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/02/01	20:46:00.0	XRT_Custom_430_OG [0x1ae]			
2025/02/01	20:47:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/02/01	22:00:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/02/01	22:00:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/02/01	22:00:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/02/01	22:03:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/02/01	22:23:00.0	XRT_Custom_430_OG [0x1ae]			
2025/02/01	22:24:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/02/01	23:37:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/02/01	23:37:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/02/01	23:37:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/02/01	23:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/02/01	23:58:00.0	XRT_Custom_430_OG [0x1ae]			
2025/02/01	23:59:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/02/02	01:14:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/02/02	01:14:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/02/02	01:14:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/02/02	01:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/02/02	01:22:00.0	XRT_Custom_430_OG [0x1ae]			
2025/02/02	01:23:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/02/02	02:37:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/02/02	02:37:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/02/02	02:37:34.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8

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2025/02/02	02:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/02/02	02:56:30.0	XRT_Custom_430_OG [0x1ae]			
2025/02/02	02:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/02/02	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/02/02	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/02/02	04:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/02/02	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/02/02	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/02/02	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/02/02	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/02/02	04:00:24.0	XRT_FLD_RESET_428_OG [0x1ac]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/02/02	04:02:56.0	XRT_QT_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2025/02/02	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/02/02	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/02/02	04:12:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/02/02	04:12:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/02/02	04:12:34.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/02/02	04:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/02/02	04:33:00.5	XRT_Custom_430_OG [0x1ae]			
2025/02/02	04:34:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/02/02	05:42:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/02/02	05:42:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/02/02	05:42:04.0	XRT_PREFLR_STRT_425_OG [0x1a9]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/02/02	05:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/02/02	06:10:30.0	XRT_Custom_430_OG [0x1ae]			
2025/02/02	06:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/02/02	06:19:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/02/02	06:19:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/02/02	06:19:28.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/02/02	06:19:48.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2025/02/02	06:19:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/02/02	06:19:52.0	XRT_ARS_DIS_435_OG [0x1b3]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/02/02	06:22:28.0	XRT_QT_PROG_SET_416_OG [0x1a0]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11
2025/02/02	06:22:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/02/02	06:29:30.0	AOCS_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	04 03 64 01 ca
2025/02/02	06:29:30.5	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/02/02	06:29:32.0	XRT_TCIB_XRT_S_HTR_A_ENA_403_OG [0x193]			
		TCIB_XRT_S_HTR_A_ENA	0	04-BC	
2025/02/02	07:50:00.0	AOCS_ORe-point_Start_6_OG [0x09c]			
		AOCU_NM	5	02-76	00 ae a8 00 00
2025/02/02	09:00:00.5	AOCS_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	04 03 64 01 ca
2025/02/03	05:49:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/02/03	05:59:00.0	AOCS_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	04 03 64 01 ca
2025/02/04	06:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/02/04	06:10:00.0	AOCS_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	04 03 64 01 ca
2025/02/04	10:44:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00