

XRT Timeline to be uploaded on 2025/03/29

Period: 2025/03/29 14:15:00 - 2025/04/03 11:35:00

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Normal mode

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XOB #1D23: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 1800s cad (G-band/Leak last)														
Term		Pointing (x, y)				Comment								
03/29 14:28:00 - 03/29 16:34:30		Track (841.6, -186.3) @ 03/29 14:25:00				HOP 504								
03/30 18:13:00 - 03/30 21:46:54		Track (910.5, -214.2) @ 03/30 18:10:00				HOP 504								
03/31 05:03:00 - 03/31 08:46:54		Track (939.5, -187.4) @ 03/31 05:00:00				HOP 504								
03/31 16:16:30 - 03/31 19:46:54		Fixed (920.3, -229.5)				HOP 504								
04/01 05:03:00 - 04/01 08:46:54		Fixed (920.3, -229.5)				HOP 504								
PROG= 12 Inf.-time(s)														
Subr= 1		8-time(s) 1800.0sec												
Seqn= 8		1-time(s) 2.0sec												
└ thin-Be/Open		med-Be/Open		close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
└ thin-Be/Open		med-Be/Open		close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Seqn= 6		1-time(s) 2.0sec												
└ Al-poly/Open		Al-poly/Open		close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
└ Al-poly/Open		Al-poly/Open		close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Subr= 2		1-time(s) 2.0sec												
Seqn= 30		1-time(s) 2.0sec												
└ Open/G-band		Open/G-band		open	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
└ Open/G-band		Open/G-band		close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
Default Filter		Thicker Filter		VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval

XOB #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							
03/29 16:58:30 - 03/29 17:46:24		Track (-858.5, 93.1) @ 03/29 16:47:00				AR 14046							
03/29 17:59:30 - 03/30 03:59:54		Track (-853.2, 94.2) @ 03/29 17:56:30				AR 14046							
03/30 21:50:00 - 03/31 01:59:54		Track (-696.8, 117.4) @ 03/30 21:47:00				AR 14046							
03/31 19:50:00 - 04/01 01:59:54		Track (-537.5, 131.4) @ 03/31 19:47:00				AR 14046							
04/01 08:50:00 - 04/01 10:56:30		Track (-431.8, 137.7) @ 04/01 08:47:00				AR 14046							
PROG= 11 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 #1D08: Synoptic for HOP448 w/ Al-mesh(3/128/723), Al-poly(5/181/1443), Thin-Be(24/512/4096), Thick-Be(32768), Med-Al(181/5795/32768), Med-Be(884/														
Term		Pointing (x, y)				Comment								
03/29 17:49:30 - 03/29 17:56:24		Fixed (0.0, 0.0)				synoptic, shifted -13.5 min								
03/30 06:02:06 - 03/30 06:09:54		Fixed (0.0, 0.0)				synoptic + HOP 349								
03/30 18:03:00 - 03/30 18:09:54		Fixed (0.0, 0.0)				synoptic								
03/31 04:52:06 - 03/31 04:59:54		Fixed (0.0, 0.0)				synoptic, shifted 16.0 min + HOP 349								
03/31 15:53:00 - 03/31 15:59:54		Fixed (0.0, 0.0)				synoptic, shifted 1.5 min								
04/01 04:27:06 - 04/01 04:34:54		Fixed (0.0, 0.0)				synoptic, shifted -14.5 min + HOP 349								
PROG= 16 1-time(s)														
Subr= 1		1-time(s) 2.0sec												
Seqn= 5		1-time(s) 2.0sec												
Open/Ti-poly		Open/thick-Al		close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Open/Ti-poly		Open/thick-Al		close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Open/Ti-poly		Open/thick-Al		close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Open/Ti-poly		Open/thick-Al		close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0	0	2.0sec
Open/Ti-poly		Open/thick-Al		close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	0	0	2.0sec
Seqn= 55		1-time(s) 2.0sec												
Open/Al-mesh		Open/Al-mesh		close	Safe	Norm	2ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh		Open/Al-mesh		close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh		Open/Al-mesh		close	Safe	Norm	707ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 98		1-time(s) 2.0sec												
Al-poly/Open		Al-poly/Open		close	Safe	Norm	5ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open		Al-poly/Open		close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec

Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 76 1-time(s) 2.0sec												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	24ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 23 1-time(s) 4.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2 1-time(s) 2.0sec												
Seqn= 41 1-time(s) 2.0sec												
Open/thick-Be	Open/thick-Be	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 18 1-time(s) 2.0sec												
med-Al/Open	med-Al/thick-Al	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
med-Al/Open	med-Al/Open	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
med-Al/Open	med-Al/Open	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 86 1-time(s) 2.0sec												
med-Be/Open	Open/thick-Al	close	Safe	Norm	86ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
med-Be/Open	med-Be/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
med-Be/Open	med-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1D2C: Eclipse - Full Sun - Al/Poly, 4x4 (45/256ms pair) - occasional Al/poly, 2x2 (double 1.4s) - AEC=0

Term		Pointing (x, y)				Comment							
03/30 04:03:00 - 03/30 04:10:00		Fixed (0.0, 0.0)				synoptic + HOP 349							
PROG= 05 1-time(s)													
Subr= 1		1-time(s)		2.0sec									
Seqn= 72		1-time(s)		30.0sec									
Open/G-band		Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1064, 1048)	DPCM	0	0	2.0sec
Open/G-band		Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1064, 1048)	DPCM	0	0	2.0sec
Open/Ti-poly		Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	512x512 (1064, 1048)	Q=98	0	0	2.0sec
Subr= 2		1-time(s)		2.0sec									
Seqn= 42		33-time(s)		20.0sec									
Al-poly/Open		Open/thick-Al	close	Safe	Norm	44ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Al-poly/Open		Open/thick-Al	close	Safe	Norm	250ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 62		1-time(s)		2.0sec									
Al-poly/Open		Al-poly/thick-Al	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	DPCM	0	0	2.0sec
Al-poly/Open		Al-poly/thick-Al	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	DPCM	0	0	2.0sec
Seqn= 42		27-time(s)		20.0sec									
Al-poly/Open		Open/thick-Al	close	Safe	Norm	44ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Al-poly/Open		Open/thick-Al	close	Safe	Norm	250ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Default Filter		Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #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									
03/30 04:13:06 - 03/30 05:59:00				Fixed (0.0, 0.0)				synoptic + HOP 349									
03/31 02:03:00 - 03/31 04:49:00				Fixed (0.0, 0.0)				synoptic, shifted 16.0 min + HOP 349									
04/01 02:03:00 - 04/01 04:24:00				Fixed (0.0, 0.0)				synoptic, shifted -14.5 min + HOP 349									
PROG= 02 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 #1D2D: HOP476_SOOP_AR_Be_Thin - (Med-Be) - Med-Be (Al-Thick) - AEC3 - PFB - Be-Thick- Be-Med 384X384 - AEC3 - 90s cad

Term		Pointing (x, y)						Comment						
03/30 06:13:00 - 03/30 17:59:54		Track (-50.0, 291.3) @ 03/30 06:10:00						HOP 500 Major flare watch						
PROG= 08 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		180-time(s)		90.0sec										
Seqn= 3		1-time(s)		2.0sec										
Open/thick-Be		Open/thick-Be	close	Safe	Norm	125ms	Obs	1x1	384x384 (1024, 1024)		DPCM	3	2	2.0sec
med-Be/Open		Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)		DPCM	3	2	2.0sec
Seqn= 39		1-time(s)		2.0sec										
med-Be/Open		Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)		DPCM	3	1	2.0sec
Open/thick-Be		Open/thick-Be	close	Safe	Norm	125ms	Obs	1x1	384x384 (1024, 1024)		DPCM	3	1	2.0sec
Seqn= 80		1-time(s)		2.0sec										
med-Be/Open		Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)		DPCM	3	0	2.0sec
thin-Be/Open		med-Be/Open	close	Safe	Norm	8ms	Obs	1x1	384x384 (1024, 1024)		DPCM	3	0	2.0sec
Default Filter		Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

XOB #1CE6: HOP81/206 1-filter - Al/poly 6s, 120s cadence, G-band - 384x384 1ms

Term		Pointing (x, y)							Comment						
03/31 08:50:00 - 03/31 15:49:54		Fixed (-20.0, -958.0)							HOP 206 S-pole						
PROG= 04 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)		120.0sec										
	└ 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

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Flare mode

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XOB #1D26: HOP500_SOOP_FLARE_MODE_Be_Thick_6s_Fixed_Exposure

Term		Pointing (x, y)							Comment						
03/29 14:28:00 - 03/29 16:34:30		Track (841.6, -186.3) @ 03/29 14:25:00							HOP 504						
03/29 16:58:30 - 03/29 17:46:24		Track (-858.5, 93.1) @ 03/29 16:47:00							AR 14046						
03/29 17:59:30 - 03/30 03:59:54		Track (-853.2, 94.2) @ 03/29 17:56:30							AR 14046						
03/30 06:13:00 - 03/30 17:59:54		Track (-50.0, 291.3) @ 03/30 06:10:00							HOP 500 Major flare watch						
PROG= 17 30-time(s)															
Subr= 1		1-time(s)			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
Subr= 2		120-time(s)			2.0sec										
Seqn= 44		1-time(s)			2.0sec										
med-Be/Open		Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)			DPCM	3	0	2.0sec
Seqn= 32		10-time(s)			2.0sec										
Open/thick-Be		Open/thick-Be	close	Safe	Norm	5.66s	Obs	1x1	384x384 (1024, 1024)			DPCM	0	0	2.0sec
Default Filter		Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)			Comp.	AEC Buffer	Interval	

XOB #1C96: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Be/thick), AEC 3, 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512x512 2x2) + GL

Term		Pointing (x, y)		Comment									
03/30 04:13:06 - 03/30 05:59:00		Fixed (0.0, 0.0)		synoptic + HOP 349									
03/30 18:13:00 - 03/30 21:46:54		Track (910.5, -214.2) @ 03/30 18:10:00		HOP 504									
03/30 21:50:00 - 03/31 01:59:54		Track (-696.8, 117.4) @ 03/30 21:47:00		AR 14046									
03/31 02:03:00 - 03/31 04:49:00		Fixed (0.0, 0.0)		synoptic, shifted 16.0 min + HOP 349									
03/31 05:03:00 - 03/31 08:46:54		Track (939.5, -187.4) @ 03/31 05:00:00		HOP 504									
03/31 08:50:00 - 03/31 15:49:54		Fixed (-20.0, -958.0)		HOP 206 S-pole									
03/31 16:16:30 - 03/31 19:46:54		Fixed (920.3, -229.5)		HOP 504									
03/31 19:50:00 - 04/01 01:59:54		Track (-537.5, 131.4) @ 03/31 19:47:00		AR 14046									
04/01 02:03:00 - 04/01 04:24:00		Fixed (0.0, 0.0)		synoptic, shifted -14.5 min + HOP 349									
04/01 05:03:00 - 04/01 08:46:54		Fixed (920.3, -229.5)		HOP 504									
04/01 08:50:00 - 04/01 10:56:30		Track (-431.8, 137.7) @ 04/01 08:47:00		AR 14046									
PROG= 14 30-time(s)													
└ Subr= 1 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= 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		

* * * * *

Active Region Search

* * * * *

NOT USED

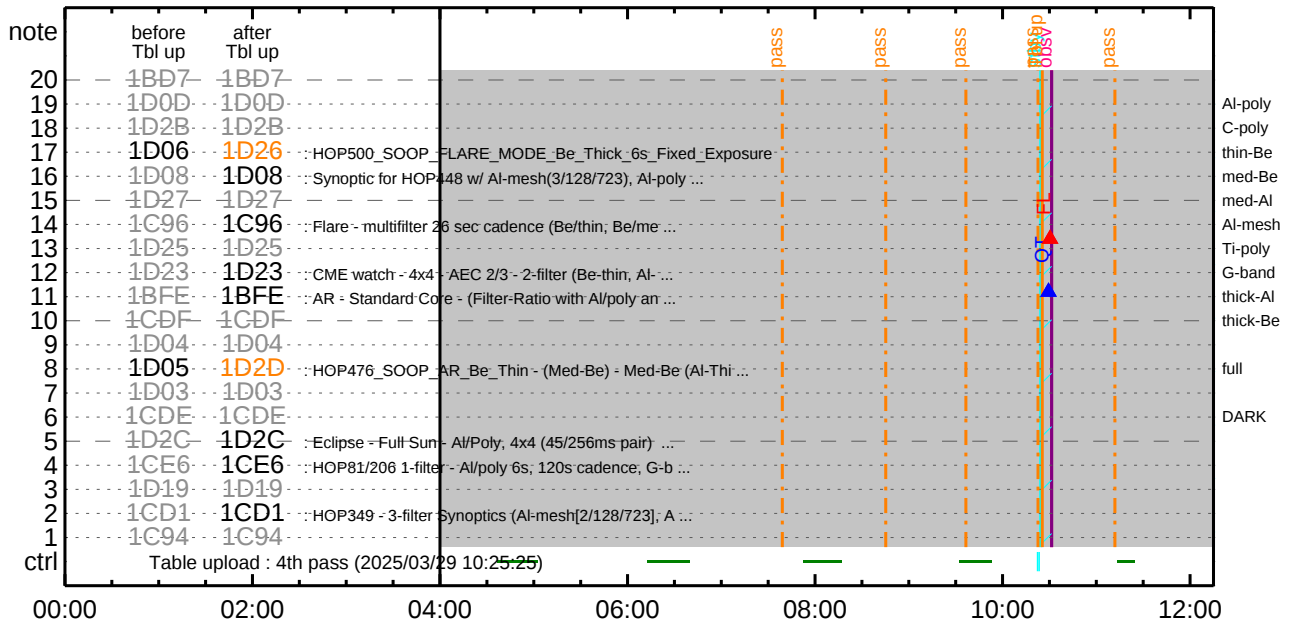
* * * * *

Flare Detection

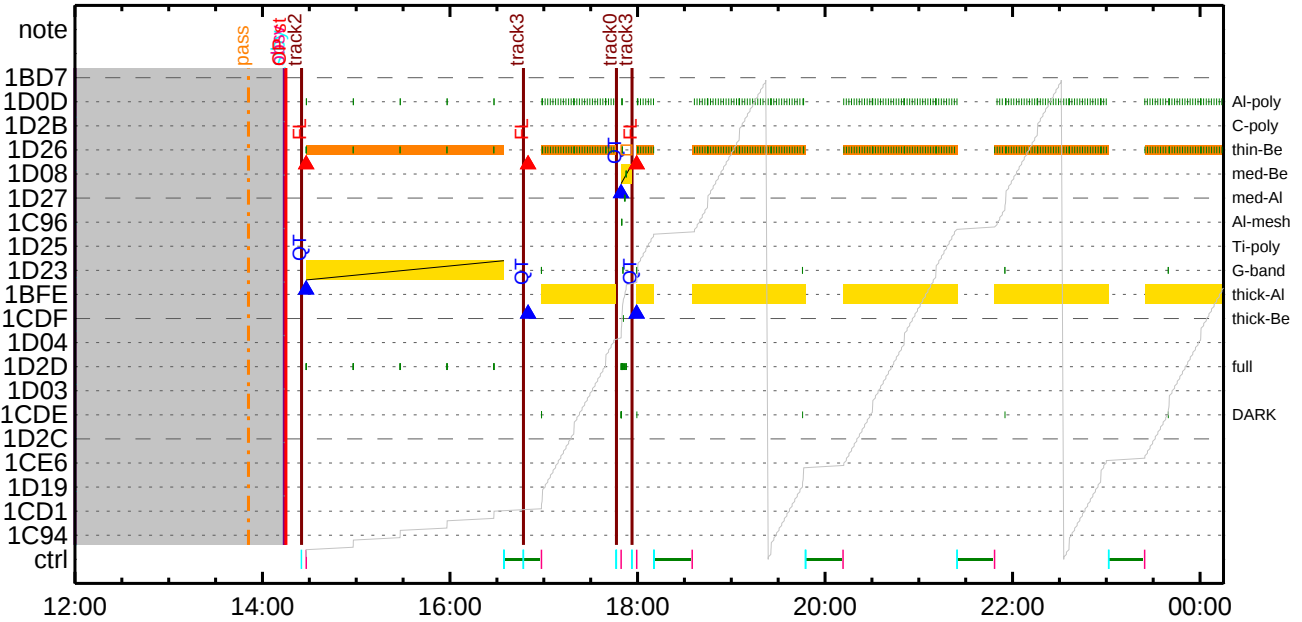
* * * * *

FLD Patrol																
Term			Pointing (x, y)								Comment					
03/29 10:26:25 - 03/29 17:46:48			cannot be identified													
03/29 17:56:48 - 03/30 04:00:18			Track (-853.2, 94.2) @ 03/29 17:56:30								AR 14046					
03/30 04:10:22 - 03/30 05:59:24			Fixed (0.0, 0.0)								synoptic + HOP 349					
03/30 06:10:18 - 03/30 18:00:18			Track (-50.0, 291.3) @ 03/30 06:10:00								HOP 500 Major flare watch					
03/30 18:10:16 - 03/31 04:49:24			Track (910.5, -214.2) @ 03/30 18:10:00								HOP 504					
03/31 05:00:16 - 03/31 15:50:18			Track (939.5, -187.4) @ 03/31 05:00:00								HOP 504					
03/31 16:00:16 - 04/01 04:24:24			Fixed (920.3, -229.5)								HOP 504					
04/01 04:35:16 - 04/03 11:35:00			Fixed (920.3, -229.5)								HOP 504					
Open/Ti-poly			Open/thick-Al	close	Safe	Norm	4ms	Obs	8x8					DPCM	30sec	
			Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

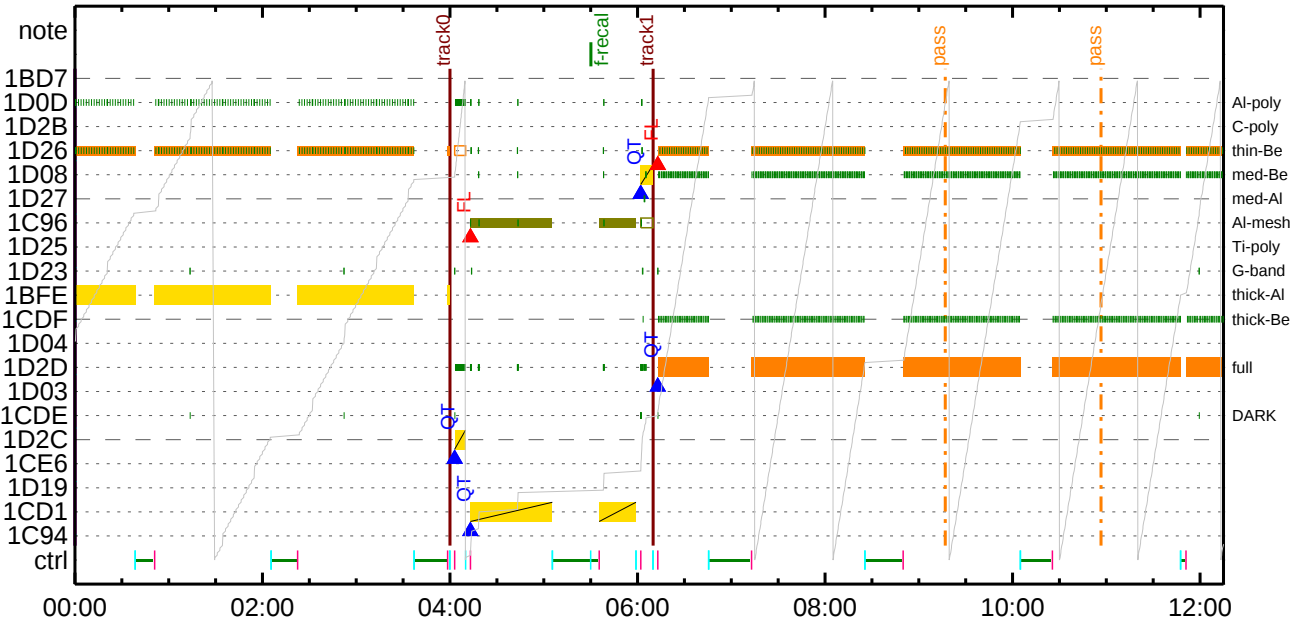
CMDI #0490 2025/03/29



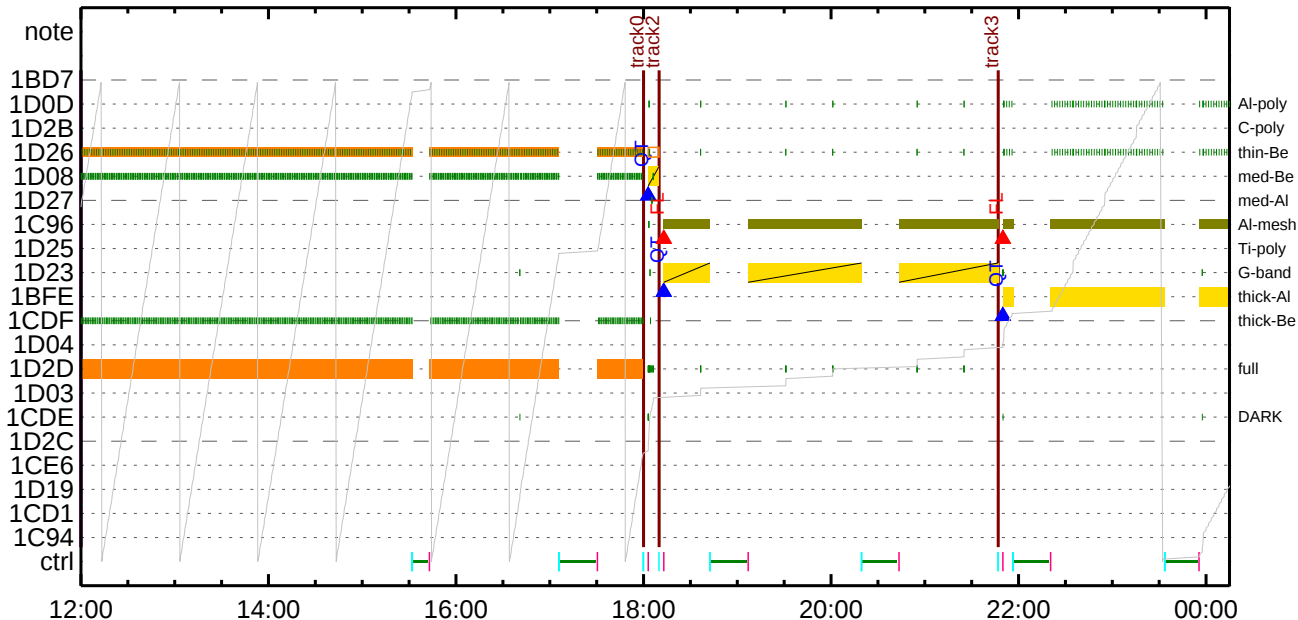
CMDI #0490 2025/03/29



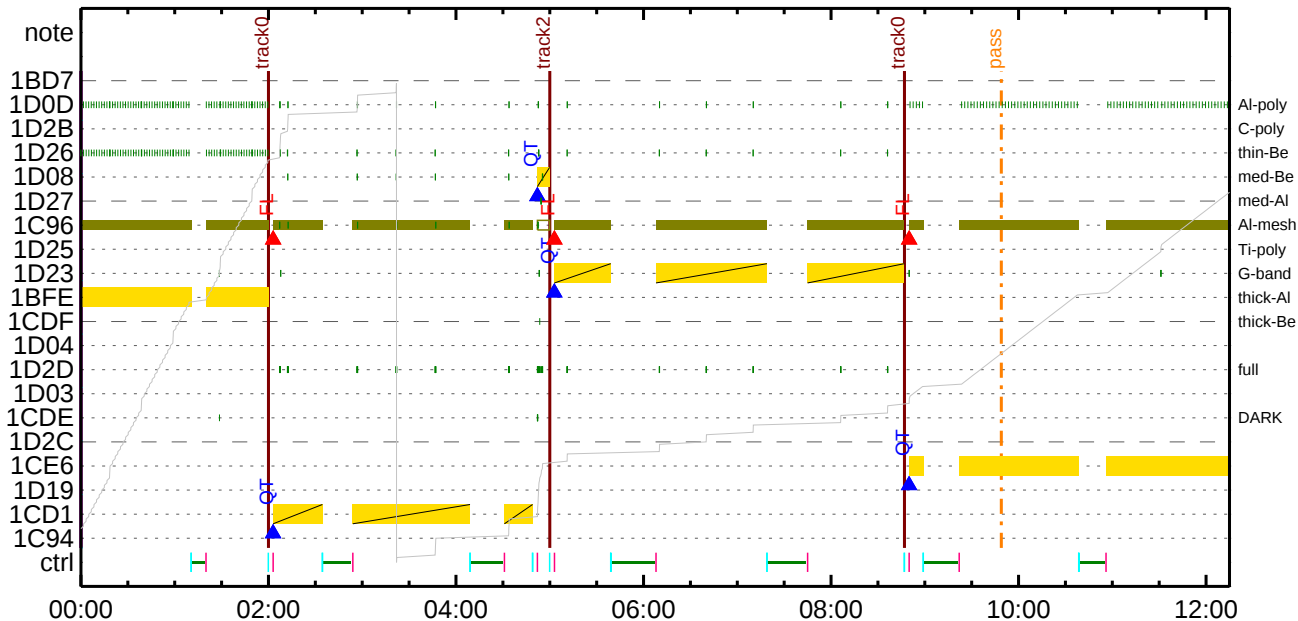
CMDI #0490 2025/03/30



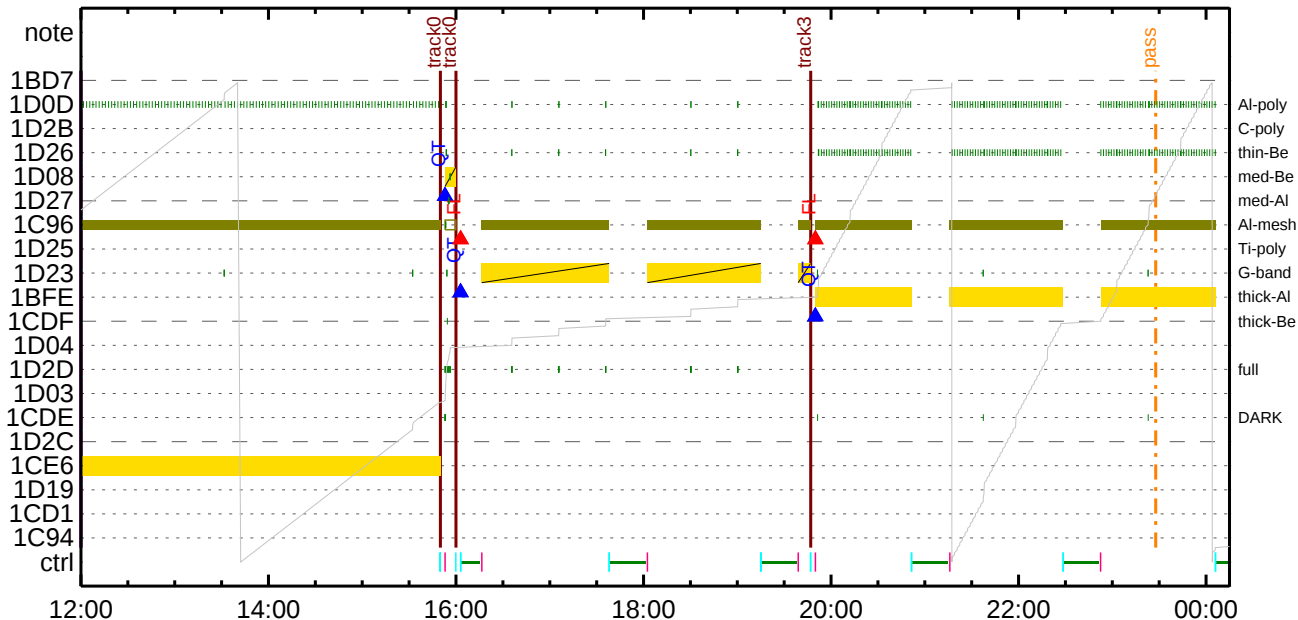
CMDI #0490 2025/03/30



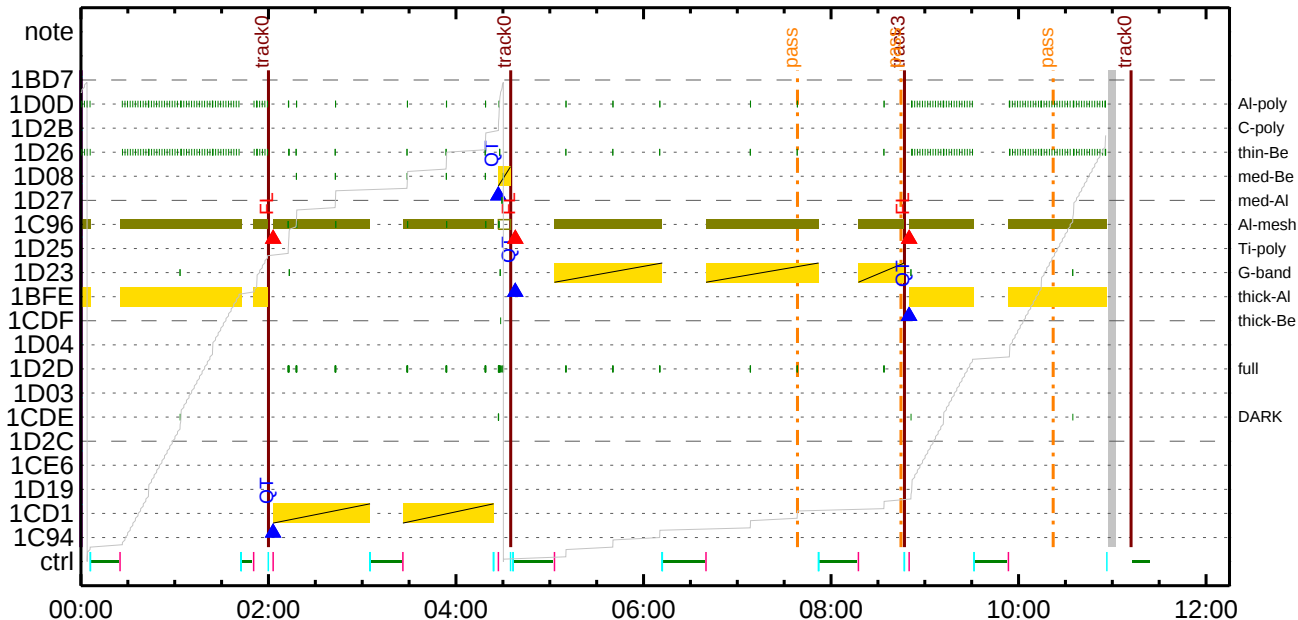
CMDI #0490 2025/03/31



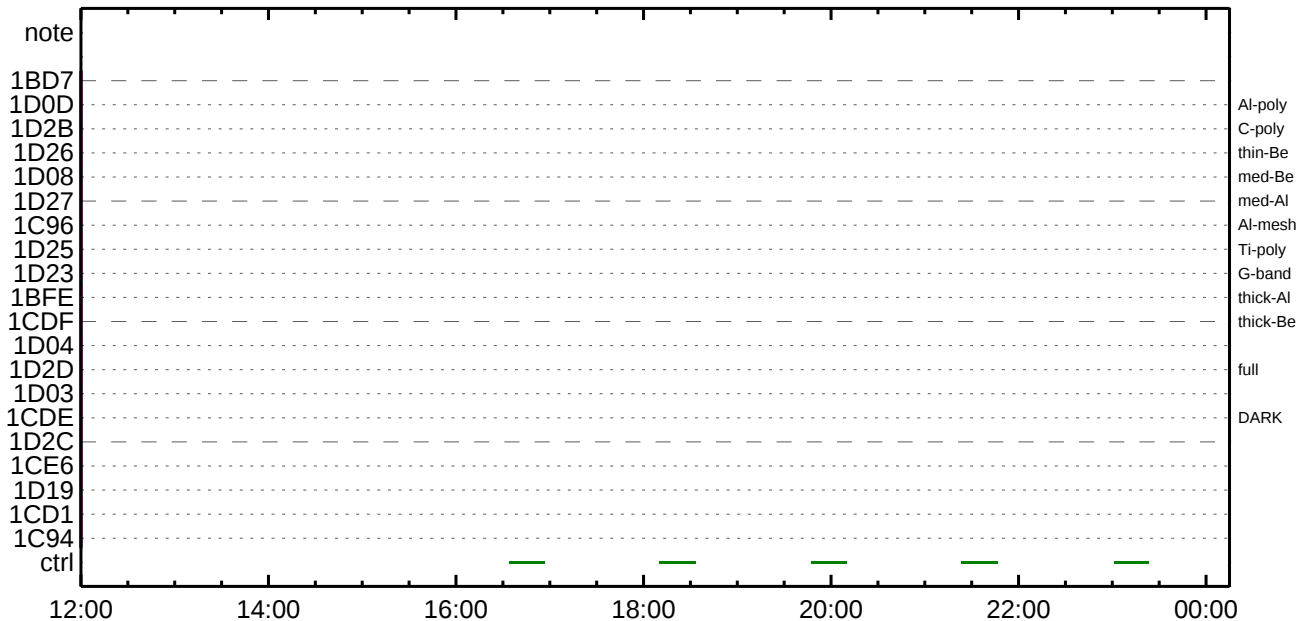
CMDI #0490 2025/03/31



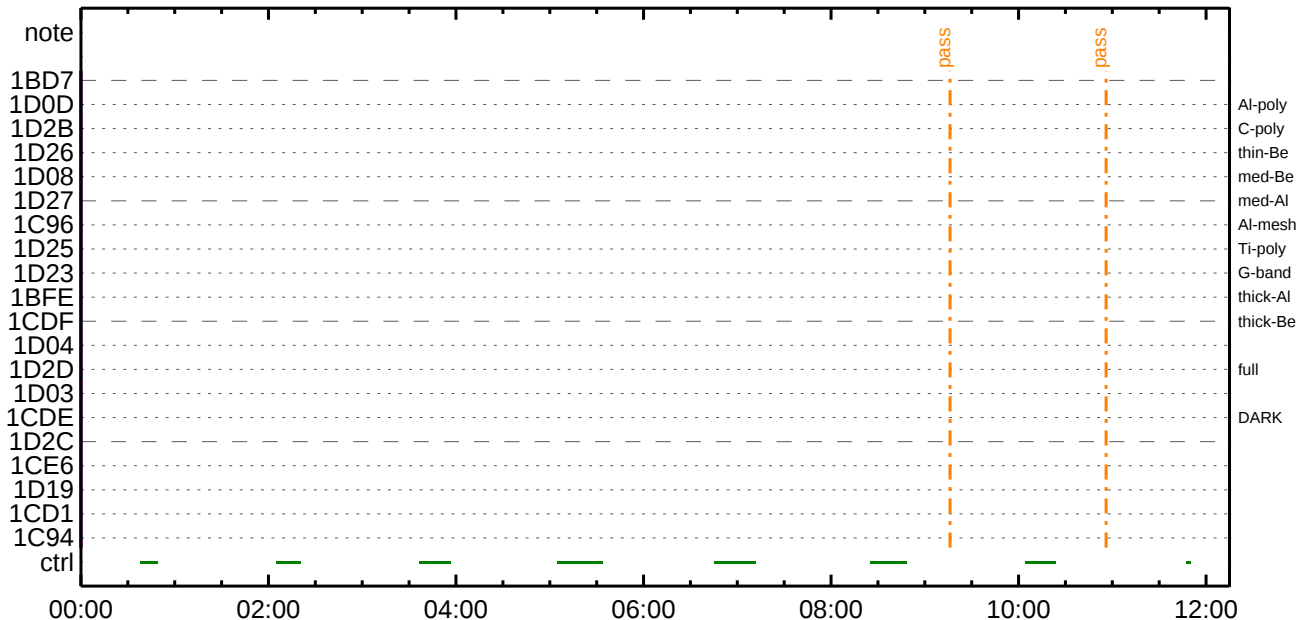
CMDI #0490 2025/04/01



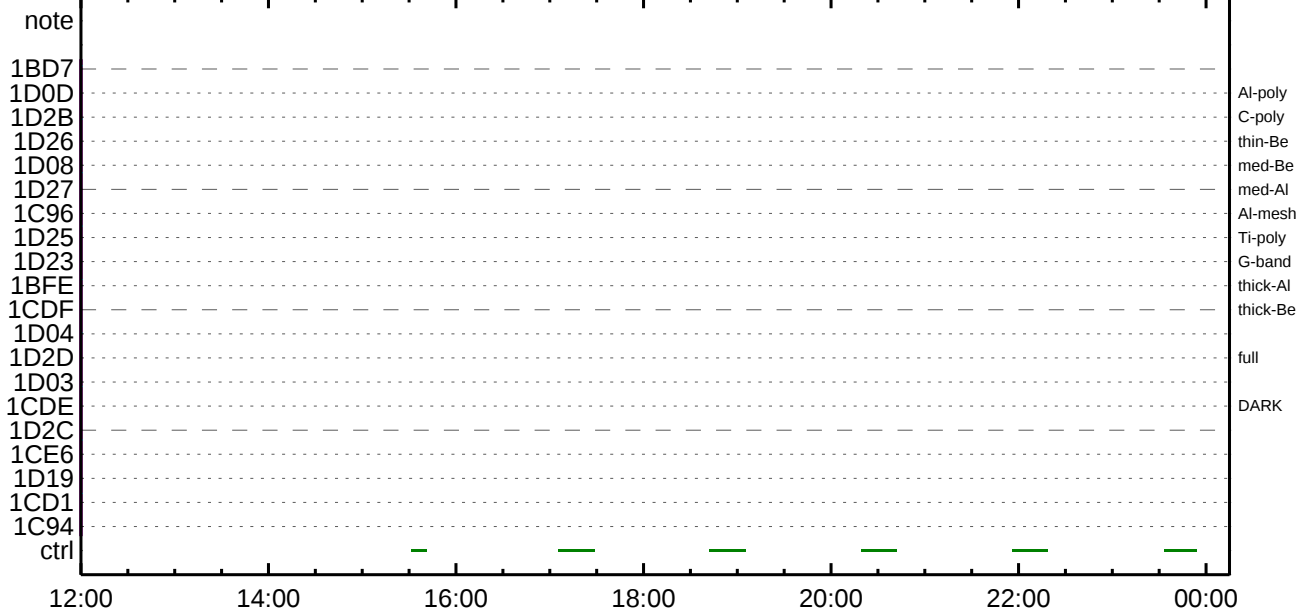
CMDI #0490 2025/04/01



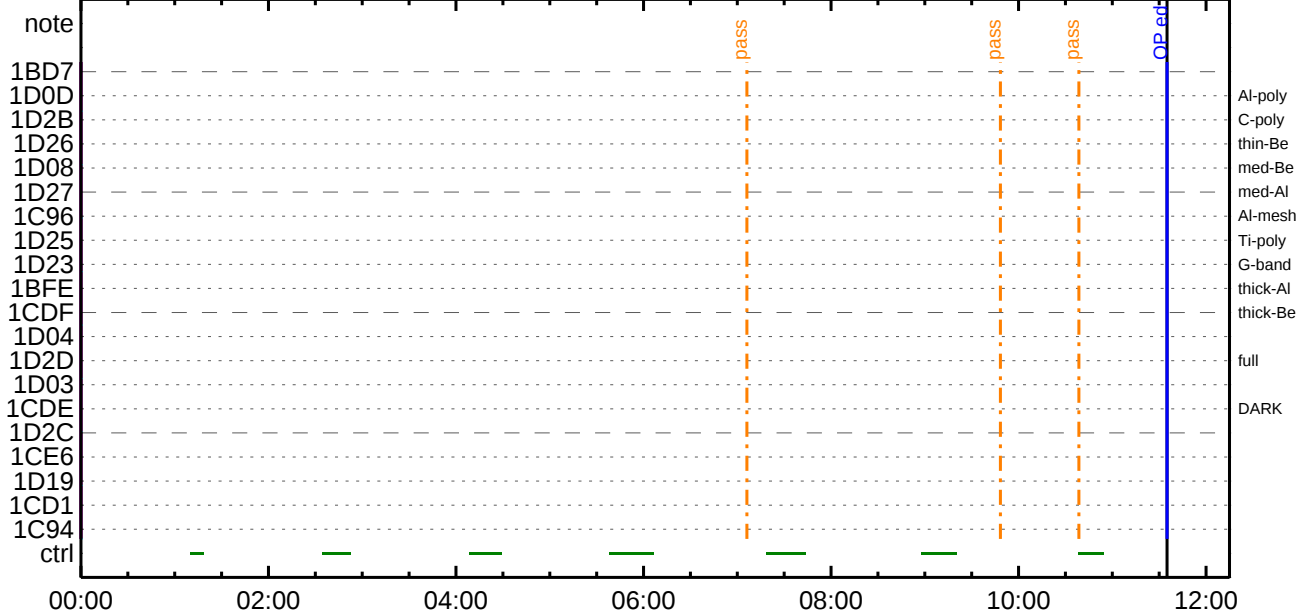
CMDI #0490 2025/04/02



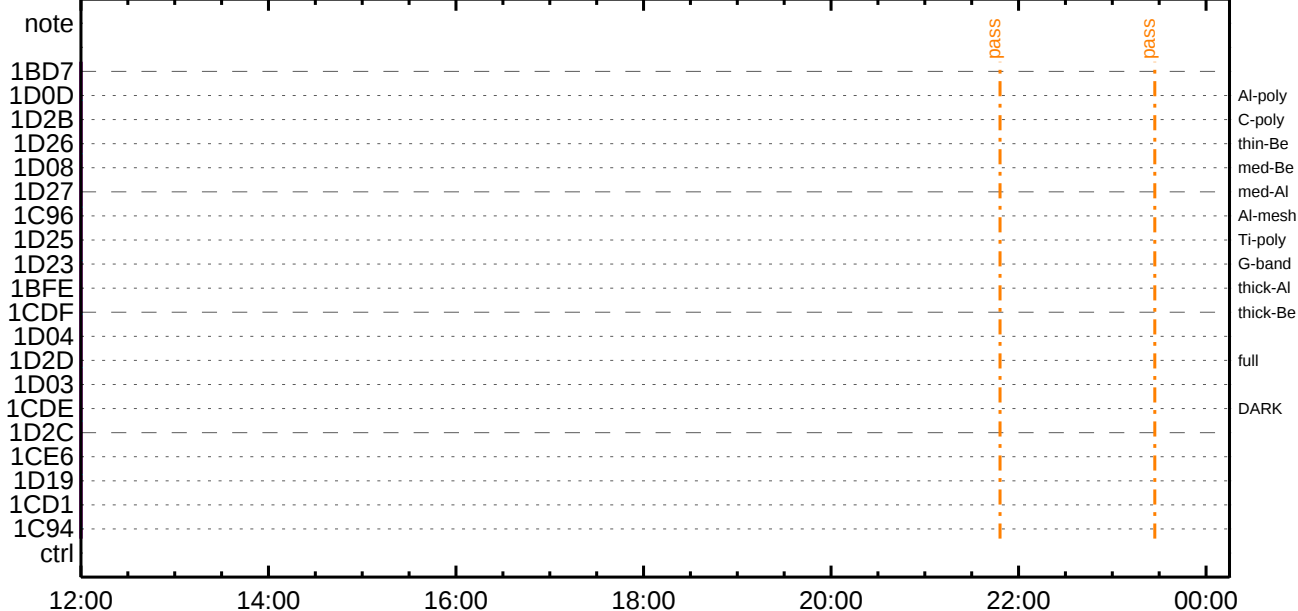
CMDI #0490 2025/04/02



CMDI #0490 2025/04/03



CMDI #0490 2025/04/03



```
main-184 2025-03-29 14:03:43 194 33 SOLAR-B MAIN //
```

```
main-184 2025-03-29 14:03:43 194 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŸÁŸ$ŸÄŸ~¼Ä»Ü;ä
0005 C.
0006 C. ŸÄŸß;¼Ÿ³ŸPŸóŸÉÁ÷ç®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Äí;ËñçñÄñ•µ°E»Í×ÄÇñÍŸçŸÄŸ×Ÿí;¼ŸÉ;ËËèñµ•ííÉ;ËñÉ¼°ÇÖñ•ñç¼í¹Çñİ;çÄ®,ùñ¹ñèñPñÇÁ÷ç®ñ•ñËñññ³ñÈ;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. OP/OGŸí;¼ŸÉ;|ŸÄŸóŸ×
0016 C. *****
0017 C.
0018 . C. ;ãOP/OGŸí;¼ŸÉ;ä
0019 . S. OP op-184:OP
0020 ()
0021 . S. OG og-184:OG
0022 ()
0023 C.
0024 . C. ;ãNMOG&OPîî°èŸÄŸóŸ×;ä
0025 C. NMOG(0x200000-0x207FFF;$ 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. ŸÄŸóŸ×½ªî»ñò³îÇ$
0041 C. çç[HK1_DMP_CHK_FLG] EQ NON
0042 . C. RAM ID=NMOGñî¼Ë¹Ç•ë²îOKñò³îÇ$
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. ŸÄŸóŸ×½ªî»ñò³îÇ$
0060 C. çç[HK1_DMP_CHK_FLG] EQ NON
0061 . C. RAM ID=NMOGñî¼Ë¹Ç•ë²îOKñò³îÇ$
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. ŸÄŸóŸ×½ªî»ñò³îÇ$
0079 C. çç[HK1_DMP_CHK_FLG] EQ NON
0080 . C. RAM ID=NMOG,RAM ID=OPñî¼Ë¹Ç•ë²îOKñò³îÇ$
0081 C.
0082 . C. ***** °Ë²¼ñî¼Ä´¶Ä°ñËË¬ñ°Á÷ç® (¼âµ-ŸÄŸóŸ×¼è½ÇñòÄÓÄæñÇ½ªñ''ñè¼¹ÇñÇñâ) *****
0083 C. DHUŸä;¼ŸÉ;Ë¼Ÿ½,Ÿí;¼ŸÉ;Ëñòíäñ¹
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®NGñî¼¹Ç;ç°Ë²¼ñîTI-CMDÁ÷ç®ñî¼¹Ôñ•ñËñññ³ñÈ;£
```

0096	C.	SET EDUMP I± iYŃY¹C¹Ô±;³E;f		
0097	C.			
0098	C.	TIY³YDYOÉDÄI; (UT)		
0099	+	TI 2025-03-29 14:10:00.0		
0100	DC	01-B3 DHU_OP_STOP		
0101	C.	¢¢[HK1_TI_CMD_NUM]	EQ	1COUNTUP
0102	C.			
0103	+	TI 2025-03-29 14:10:01.0		
0104	DC	01-B4 DHU_OP_COPY		
0105	C.	¢¢[HK1_TI_CMD_NUM]	EQ	1COUNTUP
0106	C.			
0107	+	TI 2025-03-29 14:10:01.0		
0108	DC	01-B5 DHU_OPOG_COPY		
0109	C.	¢¢[HK1_TI_CMD_NUM]	EQ	1COUNTUP
0110	C.			
0111	+	TI 2025-03-29 14:14:59.5		
0112	DC	01-B2 DHU_OP_START		
0113	C.	¢¢[HK1_TI_CMD_NUM]	EQ	1COUNTUP
0114	C.			
0115	C.	°Ê²¼±İÄë¼İİŃ±İYÄY\$YÄY¹¹äiÜ		
0116	C.	¢¢[HK1_TI_CMD_ENA/DIS]	EQ	ENA
0117	C.	¢¢[HK1_TI_CMD_NUM]	EQ	4
0118	C.	¢¢[HK1_NEXT_EXEC_PIM]	EQ	DHU
0119	C.	¢¢[HK1_NEXT_EXEC_DC]	EQ	0xB3
0120	C.			
0121	C.	*****		
0122	C.	TIİİ°èYÄYOY×		
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.	YÄYOY×½¹İ»±ò³İÇ\$		
0142	C.	¢¢[HK1_DMP_CHK_FLG]	EQ	NON
0143	C.			
0144	C.	RAM ID=TI_TBL±İ¼È¹Ç•ë²İOK±ò³İÇ\$		
0145	C.			
0146	C.	DHUYâ;¼YÉ;Ê¼Y½,Yİ;¼YÉ;Ë±òİá±¹		
0147	+	DC 01-22 DHU_MODE_CHNG		
0148	BC	(02 0a f8)		
0149	C.	¢¢[HK1_PKT_FORM_NO]	EQ	2
0150	C.	¢¢[HK1_PKT_GEN_TIME]	EQ	0.5S
0151	C.	¢¢[HK1_S_TLM_BIT_RATE]	EQ	32K
0152	C.	¢¢[HK1_X_TLM_BIT_RATE]	EQ	4M
0153	C.			
0154	C.	Stop EIS observation and temporarily disable EIS mode changes		
0155	C.			
0156	C.			
0157	C.	***** Start EIS operation (TI set) *****		
0158	C.	Execute, after the success of OP upload.		
0159	C.	Set EIS TI-commands		
0160	+	TI 2025-03-29 14:14:30.0		
0161	DC	07-FC EIS_MODE_MANU		
0162	BC	(21 02)		
0163	+	TI 2025-03-29 14:14:40.0		
0164	DC	07-FC EIS_MODE_CHG_DIS		
0165	BC	(22)		
0166	C.	[] [HK1_TI_CMD_NUM]	EQ	2 COUNTUP
0167	C.	***** End EIS operation (TI set) *****		
0168	C.			
0169	C.			
0170	C.			
0171	C.	***** XRT START *****		
0172	C.	Execute, after the success of OP upload.		
0173	+	TI 2025-03-29 14:14:00.0		
0174	DC	07-F0 MDP_XRT_MODE_STBY		
0175	BC	(c3)		
0176	C.	[] [HK1_TI_CMD_NUM]	EQ	1COUNTUP
0177	C.			
0178	C.	***** XRT END *****		
0179	C.			
0180	C.	***** MDP ´GÄİ±İ»ö¼Y±EÄD±¹±èDCBC•×²è *****		
0181	C.	(¼Ä°İYÖYÄYÉYDYEYÄYÇYè±E½¼±¼Ä»Ü±¹±è)		
0182	S.	DC-BC dcbc-402:DCBC		
0183		(MDP_known_event)		
0184	C.			
0185	C.			
0186	C.	***** YDY¹•İ Daily±İŃ±E´Ø±¹±èDCBC•×²è *****		
0187	S.	DC-BC dcbc-153:DCBC		
0188		(SPECIAL-CMD_DAILY_OPERATIN_DCB)		
0189	C.			
0190	C.			
0191	C.	;äLOSYÄY\$YÄY¹¹Ä»Ü;ä		
01				


```
main-185 2025-03-29 14:03:43 169 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;ËñçðÄñ•µ°E»Í×ÄÇñÍŲçŲÃŲ×Ųí;¼ŲÉ;ËËè²µ•ííË;ËñÉ¼°ÇÖñ•ñç¼í¹ÇñÏ;çÄ®,ùñ¹ñèñÐñÇÄ÷ç®ñ•ñËñññ³ñË;£
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×ËÝñäLOSñÐñÇñÍ»p´Öðòíí,ñ•;çÉÖÍ×ñËXÄÓONñÏ¹ÖñËñíñËñññ³ñË;£
0018 C.
0019 +. DC 03-B4 TCIA_XPA_ON/HI
0020 M. WAIT_SEC 1
0021 + DC 03-84 TCIA_XMOD_ON
0022 M. WAIT_SEC 1
0023 + DC 03-95 TCIA_XMOD_QPSK
0024 C. çç[HK1_XPA_ON/OFF] EQ ON
0025 C. çç[HK1_XPA_PWR_HI/LO] EQ HI
0026 C. çç[HK1_XMOD_ON/OFF] EQ ON
0027 C. çç[HK1_XMOD_QPSK/PM] EQ QPSK
0028 C.
0029 . C. XŲÐŲóŲÉŲíŲÃŲ~¾ÖÄÖñ¬°ÄÄèñ•ñç,ç°Ë²¼ñí°EÄ,¼è½Çñðò¼Ä¹Öñ¹ñè;£
0030 C.
0031 . C. *****
0032 C. DR PT1 Äí¼í°EÄ,
0033 C. *****
0034 C. °° RESTART;ËPT1;Ëñ•ñç¼ñ¼í¹ÇñÏ;ç°Ë²¼ñí¼Ä¹Öñññ°;çDCBC-150ñØçËñà;£
0035 C.
0036 . C. ;ãPT1°EÄ,³«»í;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. ;ãŲçŲóŲÉŲËËÄÚÄØ;ËÄ•Ä°²öÈò;Ë,ãñí°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°Ë²¼ñðò¼Ä¹Öñ¹ñè;£
0055 C. ŲçŲóŲÉŲËËÄÚÄØñäÄ•Ä°²öÈòñ¬¼áñ¼í¹ÇñÏ´°í»ñ¹ñèñÐñÇÄÖñÄ;£
0056 C.
0057 . C. *****
0058 C. DR PT2 Äí¼í°EÄ,
0059 C. *****
0060 C. °° RESTART;ËPT2;Ëñ•ñç¼ñ¼í¹ÇñÏ;ç°Ë²¼ñí¼Ä¹Öñññ°;çDCBC-151ñØçËñà;£
0061 C.
0062 . C. ;ãPT2°EÄ,³«»í;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. ;ãŲçŲóŲÉŲËËÄÚÄØ;ËÄ•Ä°²öÈò;Ë,ãñí°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] EQ OFF
```

```
0096 C.  
0097 C.  
0098 . C. ***** AOCs Commands (Tracking Curve Upload) *****  
0099 C. Upload the Orbit Element and the Target Attitude  
0100 C. RAM-ID:TARGET_ATT  
0101 . S. RAM ram-150:TARGET_ATT  
0102 (  
0103 C.  
0104 C.  
0105 C. Set the dump memory area of TARGET_ATT  
0106 +. DC 02-48 AOcu_DUMP_SET  
0107 BC (07 00 00 00 18 00)  
0108 C.  
0109 C. <A_STS1>[MEMORY OPERATE STATUS] 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. Load OBSTBL, dump OBSTBL, enable EIS mode changes  
0130 +. DC 07-FC EIS_MODE_CHG_ENA  
0131 BC (20)  
0132 . C. Verify EIS_MODE_CHG_FLG is ENA  
0133 +. DC 07-FC EIS_MODE_MANU  
0134 BC (21 02)  
0135 . C. Verify EIS in MANUAL mode  
0136 . C. Estimated OBSTBL upload time is 28s  
0137 C. *****  
0138 C. EIS START OBSTBL LOAD  
0139 C. *****  
0140 . S. RAM ram-820:EIS_OBSTBL  
0141 (  
0142 +. DC 07-FC EIS_DUMP_OBSTBL  
0143 BC (07 07 07 00 00 70 00)  
0144 C.  
0145 C. Execute, after the success of OBSTBL upload.  
0146 C. Set EIS TI-commands  
0147 +. TI 2025-03-29 14:14:50.0  
0148 DC 07-FC EIS_MODE_CHG_ENA  
0149 BC (20)  
0150 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP  
0151 C. *****  
0152 C. EIS END OBSTBL LOAD  
0153 C. *****  
0154 C.  
0155 . C. ***** MDP ‘ûÃî=Î»ö¼Ý=ËÂÐ¤¹=èDCBC•×²è *****  
0156 C. (%â°î¥Ö¥Ä¥Ê¥Ð¥Ë¥ä¥ç¥é¤È½¾¤¤¼Å»Ü¤¹¤é)  
0157 . S. DC-BC dcbc-402:DCBC  
0158 (MDP_known_event)  
0159 C.  
0160 C.  
0161 . C. ***** ¥Ð¥¹•İ Daily±¿ÍÑ¤È’Ø¤¹¤èDCBC•×²è *****  
0162 . S. DC-BC dcbc-153:DCBC  
0163 (SPECIAL-CMD_DAILY_OPERATIN_DCB)  
0164 C.  
0165 C.  
0166 C. ;ãLOS¥Á¥$¥Ä¥£~¼Å»Ü;ä  
0167 C.  
0168 . C. ***** LOS *****  
0169 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-186 2025-03-29 14:03:43 48 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOS¥Á¥$¥Ã¥~¼Ä»Ü;ä
0005 C.
0006 C. ¥À¥ß;¼¥³¥Ð¥ó¥ÉÄ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Äí;Ë÷¿¤Ä¤•µ°£»Í×ÁÇ¤Í¥ç¥Ã¥×¥í;¼¥É;ËËè½µ•íÍË;Ë¤Ë¼°ÇÔ¤•¤¿½¹Ç¤Í;çÀ®,ù¤¹¤ë¤Ð¤ÇÄ÷¿®¤•¤Ë¤¤¤³¤È;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C. *****
0015 C. * AOCSEü¿ª½ªí»»þ³ÍÇ$±¿ÍÑ *
0016 C. *****
0017 C.
0018 . C. ***** 1. Æü¿ª¥¹¥£;¼¥¿¥¹¤Í³ÍÇ$ *****
0019 C. [ ] <ORB>[H/W TIMER] ECLIPS (HK2_SLR_ECLIPS_ST) EQ ELSE
0020 C. [ ] <--->[SW T STS] ECL (HK2_ECLIPS_STS_S/W) EQ OUT
0021 C.
0022 C.
0023 . C. ***** 2. ¾âµ-³ÍÇ$¤¬ <NG¤Í¾ì¹Ç>;ç²¼µ-CMD¤òÄ÷¿®¤¹¤ë *****
0024 C.
0025 +. DC 02-D3 AOCU_SLR_ECLPS_END
0026 C.
0027 C. [ ] <ORB>[H/W TIMER] ECLIPS (HK2_SLR_ECLIPS_ST) EQ ELSE
0028 C. [ ] <--->[SW T STS] ECL (HK2_ECLIPS_STS_S/W) EQ OUT
0029 C.
0030 C.
0031 C. ***** End of AOCs SPECIAL CMD *****
0032 . C.
0033 C.
0034 . C. ***** MDP 'ûÄÍ¤Í»»ö¾Ý¤ËÄ¤¤¹¤ëDCBC•×²è *****
0035 C. (¾Ä°í¥Ó¥Ã¥Ë¥Ð¥Ë¥Ä¥ç¥ë¤Ë½¾¤¤¼Ä»Ü¤¹¤ë)
0036 . S. DC-BC dcbc-402:DCBC
0037 (MDP_known_event)
0038 C.
0039 C.
0040 . C. ***** ¥Ð¥¹•Í Daily±¿ÍÑ¤Ë'Ø¤¹¤ëDCBC•×²è *****
0041 . S. DC-BC dcbc-153:DCBC
0042 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0043 C.
0044 C.
0045 . C. ;ãLOS¥Á¥$¥Ã¥~¼Ä»Ü;ä
0046 C.
0047 . C. ***** LOS *****
0048 C.
```

```
main-187 2025-03-29 14:03:43 186 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;ËËÈ¼°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×ñÈXÄÓONñİ¹ÔñÈñíñÈñññ³ñÈ;£
0018 C.
0019 +. DC 03-B4 TCIA_XPA_ON/HI
0020 M. WAIT_SEC 1
0021 + DC 03-84 TCIA_XMOD_ON
0022 M. WAIT_SEC 1
0023 + DC 03-95 TCIA_XMOD_QPSK
0024 C. çç[HK1_XPA_ON/OFF] EQ ON
0025 C. çç[HK1_XPA_PWR_HI/LO] EQ HI
0026 C. çç[HK1_XMOD_ON/OFF] EQ ON
0027 C. çç[HK1_XMOD_QPSK/PM] EQ QPSK
0028 C.
0029 . C. XŲÐŲóŲÉŲíŲÄŲ~¾ÒÄÖñ¬°ÄÄèñ•ñççé;ç°Ê²¼ñî°EÄ,¼è½Çñò¼Ä¹Ôñ¹ñè;£
0030 C.
0031 . C. *****
0032 C. DR PT1 Äî¼í°EÄ,
0033 C. *****
0034 C. °° RESTART;ÊPT1;Ëñ•ñçç¼¹¹Çñİ;ç°Ê²¼ñî¼Ä¹Ôññ»°;çDCBC-150ñØçÊñà;£
0035 C.
0036 . C. ;ãPT1°EÄ,³«»î;ä
0037 +. DC 01-29 DHU_S/X_VC4_OFF
0038 + DC 06-C8 DR_PT1_REP_SEL
0039 BC (01 00)
0040 + DC 06-B3 DR_REP_START
0041 + DC 01-32 DHU_X_VC4_ON
0042 C. çç[HK1_REP_PT_1/2] EQ PT1 (¼Ä¹Ô,;¼Ü)
0043 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ô,;¼Ü)
0044 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ô,;¼Ü)
0045 C.
0046 . C. ;ãŲçŲóŲEŲËÊÄÚÂØ;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 (¼Ä¹Ô,;¼Ü)
0050 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ô,;¼Ü)
0051 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ô,;¼Ü)
0052 C.
0053 C.
0054 . C. PT1°EÄ,ñ¬¼«E°Ää»ßñ•ñçç,ä;ç°Ê²¼ñò¼Ä¹Ôñ¹ñè;£
0055 C. ŲçŲóŲEŲËÊÄÚÂØñäÄ•Ä°²öÈòñ¬¼áñç¼¹¹Çñİ'°î»ñ¹ñèñÞñÇÄÔñÄ;£
0056 C.
0057 . C. *****
0058 C. DR PT2 Äî¼í°EÄ,
0059 C. *****
0060 C. °° RESTART;ÊPT2;Ëñ•ñçç¼¹¹Çñİ;ç°Ê²¼ñî¼Ä¹Ôññ»°;çDCBC-151ñØçÊñà;£
0061 C.
0062 . C. ;ãPT2°EÄ,³«»î;ä
0063 +. DC 01-29 DHU_S/X_VC4_OFF
0064 + DC 06-C8 DR_PT2_REP_SEL
0065 BC (02 00)
0066 + DC 06-B3 DR_REP_START
0067 + DC 01-32 DHU_X_VC4_ON
0068 C. çç[HK1_REP_PT_1/2] EQ PT2 (¼Ä¹Ô,;¼Ü)
0069 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ô,;¼Ü)
0070 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ô,;¼Ü)
0071 C.
0072 . C. ;ãŲçŲóŲEŲËÊÄÚÂØ;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 (¼Ä¹Ô,;¼Ü)
0076 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ô,;¼Ü)
0077 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ô,;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
```

```
0096 C.
0097 C.
0098 C.
0099 C. ***** XRT START *****
0100 C.
0101 +. DC 07-F0 MDP_XRT_CTRL_MANU
0102 BC (c1)
0103 +. DC 07-F0 MDP_XRT_CTRL_MANU
0104 BC (c1)
0105 + DC 07-F0 MDP_XRT_MODE_STBY
0106 BC (c3)
0107 . C. ----- Success Verify ? OK / NG____
0108 C.
0109 C. XRT Obs. Table Upload
0110 . S. RAM ram-291:MDP_OBS_X
0111 ()
0112 C.
0113 +. DC 07-F0 MDP_DUMP_XRTTBL
0114 BC (84 07 00 00 00 3a d4)
0115 . C. ----- Comparison Check ? OK / ERR ____
0116 C.
0117 C.
0118 +. DC 07-F0 MDP_XRT_ROI_SET
0119 BC (cd 01 b1 b1 04 04)
0120 + DC 07-F0 MDP_XRT_ROI_SET
0121 BC (cd 02 b1 b1 08 08)
0122 + DC 07-F0 MDP_XRT_ROI_SET
0123 BC (cd 03 b1 b1 08 08)
0124 + DC 07-F0 MDP_XRT_ROI_SET
0125 BC (cd 04 b1 b1 06 06)
0126 + DC 07-F0 MDP_XRT_ROI_SET
0127 BC (cd 06 80 80 20 20)
0128 + DC 07-F0 MDP_XRT_ROI_SET
0129 BC (cd 07 80 80 08 08)
0130 + DC 07-F0 MDP_XRT_ROI_SET
0131 BC (cd 08 80 80 06 06)
0132 + DC 07-F0 MDP_XRT_ROI_SET
0133 BC (cd 09 85 83 06 06)
0134 + DC 07-F0 MDP_XRT_ROI_SET
0135 BC (cd 0a 80 80 20 08)
0136 + DC 07-F0 MDP_XRT_ROI_SET
0137 BC (cd 0b 80 80 08 20)
0138 + DC 07-F0 MDP_XRT_ROI_SET
0139 BC (cd 0c 85 83 08 08)
0140 + DC 07-F0 MDP_XRT_ROI_SET
0141 BC (cd 0f 80 80 06 06)
0142 + DC 07-F0 MDP_XRT_ROI_SET
0143 BC (cd 10 80 80 08 08)
0144 + DC 07-F0 MDP_XRT_FLD_ENA
0145 BC (d8)
0146 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0147 BC (c8)
0148 + DC 07-F0 MDP_XRT_ARS_DIS
0149 BC (d5)
0150 + DC 07-F0 MDP_XRT_AEC_RESET
0151 BC (d0)
0152 + DC 07-F0 MDP_XRT_FLD_RESET
0153 BC (da)
0154 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0155 BC (c4 0c)
0156 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0157 BC (c5 0e)
0158 . C. ----- Success Verify ? OK / NG ____
0159 C.
0160 C.
0161 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0162 C.
0163 +. DC 07-F0 MDP_XRT_MODE_OBSV
0164 BC (c2)
0165 +. TI 2025-03-29 14:14:02.0
0166 DC 07-F0 MDP_XRT_MODE_OBSV
0167 BC (c2)
0168 . C. ----- Success Verify ? OK / NG ____
0169 C.
0170 C. ***** XRT END *****
0171 C.
0172 . C. ***** MDP `ûÃîñÎ»ö¼ÝñÊÃÐñ¹ñèDCBC•x²è *****
0173 C. (¾å°î¥Ó¥Ã¥Ê¥Ð¥Ê¥â¥ç¥ëñ½¾¾ñ¼Ã»Ûñ¹ñè)
0174 . S. DC-BC dcbc-402:DCBC
0175 (MDP_known_event)
0176 C.
0177 C.
0178 . C. ***** ¥Ð¥¹•Ï Daily±¿îññÊ´Øñ¹ñèDCBC•x²è *****
0179 . S. DC-BC dcbc-153:DCBC
0180 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0181 C.
0182 C.
0183 . C. ¿ãLOS¥Ã¥$¥Ã¥¹¼Ã»Û¿ã
0184 C.
0185 . C. ***** LOS *****
0186 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-188 2025-03-29 14:03:43 48 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOS¥Á¥$¥Ã¥~¼Ä»Ü;ä
0005 C.
0006 C. ¥À¥ß;¼¥³¥Ð¥ó¥ÉÄ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Äí;Ë÷¿¤Ä¤•µ°£»Í×ÁÇ¤Î¥ç¥Ã¥×¥í;¼¥É;ËËè½µ•íÍË;Ë¤Ë¼°ÇÔ¤•¤¿¼ì¹Ç¤Í;çÀ®,ù¤¹¤è¤Ð¤ÇÄ÷¿®¤•¤Ë¤¤¤³¤È;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C. *****
0015 C. * AOCSËü¿ª½ªî»»þ³îÇ$±¿îÑ *
0016 C. *****
0017 C.
0018 . C. ***** 1. Æü¿ª¥¹¥£;¼¥¿¥¹¤î³îÇ$ *****
0019 C. [ ] <ORB>[H/W TIMER] ECLIPS (HK2_SLR_ECLIPS_ST) EQ ELSE
0020 C. [ ] <--->[SW T STS] ECL (HK2_ECLIPS_STS_S/W) EQ OUT
0021 C.
0022 C.
0023 . C. ***** 2. ¾âµ-³îÇ$¤¬ <NG¤î¾ì¹Ç>;ç²¼µ-CMD¤òÄ÷¿®¤¹¤è *****
0024 C.
0025 +. DC 02-D3 AOCU_SLR_ECLPS_END
0026 C.
0027 C. [ ] <ORB>[H/W TIMER] ECLIPS (HK2_SLR_ECLIPS_ST) EQ ELSE
0028 C. [ ] <--->[SW T STS] ECL (HK2_ECLIPS_STS_S/W) EQ OUT
0029 C.
0030 C.
0031 C. ***** End of AOCS SPECIAL CMD *****
0032 . C.
0033 C.
0034 . C. ***** MDP ´ûÃî¤î»ö¾Ý¤ËÄ¤¤¹¤èDCBC•×²è *****
0035 C. (¾Ä°î¥Ó¥Ã¥Ë¥Ð¥Ë¥Ä¥ç¥Ë¤Ë½¾¤¤¼Ä»Ü¤¹¤è)
0036 . S. DC-BC dcbc-402:DCBC
0037 (MDP_known_event)
0038 C.
0039 C.
0040 . C. ***** ¥Ð¥¹•î Daily±¿îÑ¤Ë´Ø¤¹¤èDCBC•×²è *****
0041 . S. DC-BC dcbc-153:DCBC
0042 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0043 C.
0044 C.
0045 . C. ;ãLOS¥Á¥$¥Ã¥~¼Ä»Ü;ä
0046 C.
0047 . C. ***** LOS *****
0048 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-189 2025-03-29 14:03:43 57 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŸÁŸ$ŸÃŸ~¼Ã»Ü;ä
0005 C.
0006 C. ŸÀŸß;¼Ÿ³ŸÐŸóŸÉÁ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;Ë¿µÃ•µ°Ê»Í×Ã¿µÍŸçŸÃŸ×Ÿí;¼ŸÉ;ËËè½µ•ííË;ËµË¼°ÇÔµ•µ¿¼ì¹ÇµÍ;çÀ®,ùµ¹µèµÐµÇÁ÷¿®µ•µËµµµ³µÈ;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C. *****
0015 C. * AOCSËü¿ª½ªí»»þ³ÍÇ$±¿ÍÑ *
0016 C. *****
0017 C.
0018 . C. ***** 1. Æü¿ªŸ¹ŸË;¼Ÿ¿Ÿ¹µÍ³ÍÇ$ *****
0019 C. [ ] <ORB>[H/W TIMER] ECLIPS (HK2_SLR_ECLIPS_ST) EQ ELSE
0020 C. [ ] <--->[SW T STS] ECL (HK2_ECLIPS_STS_S/W) EQ OUT
0021 C.
0022 C.
0023 . C. ***** 2. ¾ãµ-³ÍÇ$µ¬ <NGµÍ¾ì¹Ç>;ç²¼µ-CMDµòÃ÷¿®µ¹µè *****
0024 C.
0025 +. DC 02-D3 AOCU_SLR_ECLPS_END
0026 C.
0027 C. [ ] <ORB>[H/W TIMER] ECLIPS (HK2_SLR_ECLIPS_ST) EQ ELSE
0028 C. [ ] <--->[SW T STS] ECL (HK2_ECLIPS_STS_S/W) EQ OUT
0029 C.
0030 C.
0031 C. ***** End of AOCS SPECIAL CMD *****
0032 C.
0033 C.
0034 C. ***** EPS Operation *****
0035 . C. <Change BAT_RATE HI to LO>
0036 C.
0037 C.
0038 +. DC 04-F9 TCIB_BAT_CHG_RATE_LO
0039 C. [ ] HK1_BAT_CHG_RATE = LO ?
0040 C.
0041 C. *****
0042 C.
0043 . C. ***** MDP ´ûÃÍµÍ»ò¾ÝµËÃÐµ¹µèDCBC•×²è *****
0044 C. (¾ã°ìŸÓŸÃŸËŸÐŸËŸãŸçŸèµË½¾µ¼Ã»Üµ¹µè)
0045 . S. DC-BC dcbc-402:DCBC
0046 (MDP_known_event)
0047 C.
0048 C.
0049 . C. ***** ŸÐŸ¹•Í Daily±¿ÍÑµË´Øµ¹µèDCBC•×²è *****
0050 . S. DC-BC dcbc-153:DCBC
0051 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0052 C.
0053 C.
0054 . C. ;ãLOSŸÁŸ$ŸÃŸ~¼Ã»Ü;ä
0055 C.
0056 . C. ***** LOS *****
0057 C.
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*** OP Sequence for XRT ***

2025/03/29	14:24:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/29	14:24:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/03/29	14:25:00.0	AOCS_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	02 03 64 01 ca
2025/03/29	14:25:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/03/29	14:25:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/03/29	14:25:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/03/29	14:25:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/03/29	14:25:24.0	XRT_FLD_RESET_446_OG [0x1be]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/03/29	14:27:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2025/03/29	14:27:58.0	XRT_FL_PROG_SET_443_OG [0x1bb]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 11
2025/03/29	14:28:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/03/29	16:34:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/29	16:34:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/29	16:34:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/03/29	16:34:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/03/29	16:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/03/29	16:46:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/29	16:46:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/29	16:46:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/03/29	16:47:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	03 03 64 01 ca
2025/03/29	16:47:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/03/29	16:47:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/03/29	16:47:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/03/29	16:47:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/03/29	16:47:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/03/29	16:49:56.0	XRT_QT_PROG_SET_426_OG [0x1aa]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2025/03/29	16:49:58.0	XRT_FL_PROG_SET_443_OG [0x1bb]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 11
2025/03/29	16:57:30.0	XRT_Custom_430_OG [0x1ae]			
2025/03/29	16:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/03/29	17:46:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/29	17:46:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/29	17:46:28.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/03/29	17:46:30.0	AOCS_ORe-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/03/29	17:46:48.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2025/03/29	17:46:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/03/29	17:46:52.0	XRT_ARS_DIS_435_OG [0x1b3]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/03/29	17:49:28.0	XRT_QT_PROG_SET_420_OG [0x1a4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2025/03/29	17:49:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/03/29	17:56:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/29	17:56:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/29	17:56:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/03/29	17:56:30.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	03 03 64 01 ca
2025/03/29	17:56:48.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/03/29	17:56:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/03/29	17:56:52.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/03/29	17:56:54.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5

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2025/03/29	17:56:56.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/03/29	17:59:26.0	XRT_QT_PROG_SET_426_OG [0x1aa]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2025/03/29	17:59:28.0	XRT_FL_PROG_SET_443_OG [0x1bb]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 11
2025/03/29	17:59:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/03/29	18:10:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/29	18:10:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/29	18:10:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/03/29	18:10:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/03/29	18:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/03/29	18:34:00.0	XRT_Custom_430_OG [0x1ae]			
2025/03/29	18:35:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/03/29	19:47:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/29	19:47:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/29	19:47:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/03/29	19:47:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/03/29	19:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/03/29	20:10:30.0	XRT_Custom_430_OG [0x1ae]			
2025/03/29	20:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/03/29	21:24:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/29	21:24:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/29	21:24:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/03/29	21:24:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/03/29	21:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/03/29	21:47:30.0	XRT_Custom_430_OG [0x1ae]			
2025/03/29	21:48:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/03/29	23:01:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/29	23:01:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/29	23:01:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/03/29	23:01:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/03/29	23:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/03/29	23:23:30.0	XRT_Custom_430_OG [0x1ae]			
2025/03/29	23:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/03/30	00:38:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/30	00:38:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/30	00:38:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/03/30	00:38:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/03/30	00:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/03/30	00:50:00.0	XRT_Custom_430_OG [0x1ae]			
2025/03/30	00:51:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/03/30	02:05:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/30	02:05:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/30	02:05:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/03/30	02:05:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/03/30	02:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/03/30	02:21:30.0	XRT_Custom_430_OG [0x1ae]			
2025/03/30	02:22:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/03/30	03:37:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/30	03:37:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/30	03:37:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/03/30	03:37:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]			

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2025/03/30	03:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/03/30	03:57:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/03/30	03:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/03/30	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/30	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/30	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/03/30	04:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00
2025/03/30	04:00:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2025/03/30	04:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/03/30	04:00:22.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/03/30	04:02:58.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2025/03/30	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/03/30	04:10:00.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/30	04:10:02.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/03/30	04:10:22.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2025/03/30	04:10:24.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/03/30	04:10:26.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2025/03/30	04:10:28.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/03/30	04:10:30.0	XRT_FLD_RESET_446_OG [0x1be]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/03/30	04:13:02.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2025/03/30	04:13:04.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/03/30	04:13:06.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/03/30	05:05:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/30	05:05:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/30	05:05:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/03/30	05:05:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/03/30	05:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/03/30	05:30:00.0	XRT_CTRL_MANU_425_OG [0x1a9]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/30	05:30:10.0	XRT_FOCUS_RECALIBRATE_407_OG [0x197]	XRT_FOCUS_RECAL	2	07-F8	78 00
2025/03/30	05:34:10.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/03/30	05:34:30.0	XRT_Custom_430_OG [0x1ae]				
2025/03/30	05:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/03/30	05:59:00.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/30	05:59:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/30	05:59:04.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/03/30	05:59:24.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2025/03/30	05:59:26.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/03/30	05:59:28.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/03/30	06:02:04.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2025/03/30	06:02:06.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/03/30	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/30	06:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/30	06:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/03/30	06:10:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	01 03 64 01 ca
2025/03/30	06:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2025/03/30	06:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/03/30	06:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0

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2025/03/30	06:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2025/03/30	06:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/03/30	06:12:56.0	XRT_QT_PROG_SET_437_OG [0x1b5]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 08
2025/03/30	06:12:58.0	XRT_FL_PROG_SET_443_OG [0x1bb]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 11
2025/03/30	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/03/30	06:45:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/03/30	06:45:32.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/03/30	06:45:34.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/03/30	06:45:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/03/30	06:48:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/03/30	07:12:00.0	XRT_Custom_430_OG [0x1ae]		
2025/03/30	07:13:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/03/30	08:25:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/03/30	08:25:32.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/03/30	08:25:34.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/03/30	08:25:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/03/30	08:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/03/30	08:49:00.0	XRT_Custom_430_OG [0x1ae]		
2025/03/30	08:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/03/30	10:05:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/03/30	10:05:02.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/03/30	10:05:04.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/03/30	10:05:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/03/30	10:08:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/03/30	10:24:30.0	XRT_Custom_430_OG [0x1ae]		
2025/03/30	10:25:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/03/30	11:47:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/03/30	11:47:32.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/03/30	11:47:34.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/03/30	11:47:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/03/30	11:50:00.0	XRT_Custom_430_OG [0x1ae]		
2025/03/30	11:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/03/30	11:51:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/03/30	15:32:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/03/30	15:32:02.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/03/30	15:32:04.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/03/30	15:32:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/03/30	15:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/03/30	15:42:00.0	XRT_Custom_430_OG [0x1ae]		
2025/03/30	15:43:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/03/30	17:06:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/03/30	17:06:02.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/03/30	17:06:04.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/03/30	17:06:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/03/30	17:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/03/30	17:29:30.0	XRT_Custom_430_OG [0x1ae]		
2025/03/30	17:30:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/03/30	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/03/30	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/03/30	17:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]		

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2025/03/30	18:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
		AOCU_NM		5	02-76	00	00	00	00
2025/03/30	18:00:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2025/03/30	18:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2025/03/30	18:00:22.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2025/03/30	18:02:58.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	10		
2025/03/30	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2025/03/30	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2025/03/30	18:09:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2025/03/30	18:10:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	02	03	64	01
2025/03/30	18:10:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2025/03/30	18:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2025/03/30	18:10:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2025/03/30	18:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2025/03/30	18:10:24.0	XRT_FLD_RESET_446_OG [0x1be]	MDP_XRT_FLD_RESET	1	07-F0	da			
2025/03/30	18:12:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0c		
2025/03/30	18:12:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e		
2025/03/30	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2025/03/30	18:42:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2025/03/30	18:42:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2025/03/30	18:42:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2025/03/30	18:42:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2025/03/30	18:45:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2025/03/30	19:06:00.0	XRT_Custom_430_OG [0x1ae]							
2025/03/30	19:07:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2025/03/30	20:19:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2025/03/30	20:19:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2025/03/30	20:19:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2025/03/30	20:19:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2025/03/30	20:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2025/03/30	20:42:30.0	XRT_Custom_430_OG [0x1ae]							
2025/03/30	20:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2025/03/30	21:46:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2025/03/30	21:46:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2025/03/30	21:46:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2025/03/30	21:47:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	03	03	64	01
2025/03/30	21:47:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2025/03/30	21:47:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2025/03/30	21:47:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2025/03/30	21:47:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2025/03/30	21:47:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da			
2025/03/30	21:49:56.0	XRT_QT_PROG_SET_426_OG [0x1aa]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b		
2025/03/30	21:49:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e		
2025/03/30	21:50:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2025/03/30	21:56:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2025/03/30	21:56:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2025/03/30	21:56:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2025/03/30	21:56:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			

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2025/03/30	21:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/03/30	22:19:30.0	XRT_Custom_430_OG [0x1ae]							
2025/03/30	22:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/03/30	23:33:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/03/30	23:33:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/03/30	23:33:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/03/30	23:33:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/03/30	23:36:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/03/30	23:54:30.0	XRT_Custom_430_OG [0x1ae]							
2025/03/30	23:55:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/03/31	01:10:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/03/31	01:10:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/03/31	01:10:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/03/31	01:10:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/03/31	01:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/03/31	01:19:00.0	XRT_Custom_430_OG [0x1ae]							
2025/03/31	01:20:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/03/31	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/03/31	01:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2025/03/31	02:00:00.0	AOCs_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2025/03/31	02:00:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2025/03/31	02:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2025/03/31	02:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2025/03/31	02:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/03/31	02:00:24.0	XRT_FLD_RESET_446_OG [0x1be]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/03/31	02:02:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02				
2025/03/31	02:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2025/03/31	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/03/31	02:34:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/03/31	02:34:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/03/31	02:34:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/03/31	02:34:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/03/31	02:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/03/31	02:53:00.0	XRT_Custom_430_OG [0x1ae]							
2025/03/31	02:54:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/03/31	04:09:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/03/31	04:09:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/03/31	04:09:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/03/31	04:09:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/03/31	04:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/03/31	04:30:00.0	XRT_Custom_430_OG [0x1ae]							
2025/03/31	04:31:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/03/31	04:49:00.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/03/31	04:49:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/03/31	04:49:04.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2025/03/31	04:49:24.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2025/03/31	04:49:26.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2025/03/31	04:49:28.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/03/31	04:52:04.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				

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2025/03/31	04:52:06.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/03/31	04:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/31	04:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/03/31	05:00:00.0	AOCS_Ore-point_Start_5_OG [0x09b]			
		AOCU_NM	5	02-76	02 00 00 00 00
2025/03/31	05:00:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/03/31	05:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/03/31	05:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/03/31	05:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/03/31	05:00:24.0	XRT_FLD_RESET_446_OG [0x1be]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/03/31	05:02:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2025/03/31	05:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/03/31	05:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/03/31	05:39:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/31	05:39:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/31	05:39:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/03/31	05:39:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/03/31	05:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/03/31	06:07:00.0	XRT_Custom_430_OG [0x1ae]			
2025/03/31	06:08:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/03/31	07:19:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/31	07:19:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/31	07:19:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/03/31	07:19:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/03/31	07:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/03/31	07:44:00.0	XRT_Custom_430_OG [0x1ae]			
2025/03/31	07:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/03/31	08:46:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/31	08:46:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/31	08:46:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/03/31	08:47:00.0	AOCS_Ore-point_Start_6_OG [0x09c]			
		AOCU_NM	5	02-76	00 55 26 01 ca
2025/03/31	08:47:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/03/31	08:47:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/03/31	08:47:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/03/31	08:47:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/03/31	08:47:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/03/31	08:49:56.0	XRT_QT_PROG_SET_441_OG [0x1b9]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2025/03/31	08:49:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/03/31	08:50:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/03/31	08:59:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/31	08:59:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/31	08:59:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/03/31	08:59:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/03/31	09:02:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/03/31	09:21:00.0	XRT_Custom_430_OG [0x1ae]			
2025/03/31	09:22:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/03/31	10:38:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/31	10:38:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/31	10:38:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da

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2025/03/31	10:38:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/03/31	10:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/03/31	10:55:00.0	XRT_Custom_430_OG [0x1ae]			
2025/03/31	10:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/03/31	15:49:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/31	15:49:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/31	15:49:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/03/31	15:50:00.0	AOCs_ORe-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/03/31	15:50:18.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2025/03/31	15:50:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/03/31	15:50:22.0	XRT_ARS_DIS_435_OG [0x1b3]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/03/31	15:52:58.0	XRT_QT_PROG_SET_420_OG [0x1a4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2025/03/31	15:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/03/31	15:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/31	15:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/03/31	16:00:00.0	AOCs_ORe-point_Start_7_OG [0x09d]			
		AOCU_NM	5	02-76	00 14 62 ae 36
2025/03/31	16:00:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/03/31	16:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/03/31	16:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/03/31	16:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/03/31	16:00:24.0	XRT_FLD_RESET_446_OG [0x1be]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/03/31	16:02:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2025/03/31	16:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/03/31	16:03:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/31	16:03:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/31	16:03:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/03/31	16:03:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/03/31	16:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/03/31	16:15:30.0	XRT_Custom_430_OG [0x1ae]			
2025/03/31	16:16:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/03/31	17:38:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/31	17:38:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/31	17:38:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/03/31	17:38:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/03/31	17:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/03/31	18:01:30.0	XRT_Custom_430_OG [0x1ae]			
2025/03/31	18:02:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/03/31	19:15:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/31	19:15:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/31	19:15:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/03/31	19:15:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/03/31	19:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/03/31	19:38:00.0	XRT_Custom_430_OG [0x1ae]			
2025/03/31	19:39:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/03/31	19:46:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/31	19:46:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/03/31	19:46:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/03/31	19:47:00.0	AOCs_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	03 03 64 01 ca
2025/03/31	19:47:18.0	XRT_FLD_ENA_411_OG [0x19b]			

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2025/03/31	19:47:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2025/03/31	19:47:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2025/03/31	19:47:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2025/03/31	19:47:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/03/31	19:49:56.0	XRT_QT_PROG_SET_426_OG [0x1aa]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/03/31	19:49:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b
2025/03/31	19:50:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2025/03/31	20:51:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/03/31	20:51:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/03/31	20:51:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/03/31	20:51:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/03/31	20:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/03/31	21:15:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/03/31	21:16:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CUSTOM_430_OG [0x1ae]	1	07-F0	c0	
2025/03/31	22:28:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/03/31	22:28:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/03/31	22:28:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/03/31	22:28:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/03/31	22:31:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/03/31	22:51:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/03/31	22:52:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CUSTOM_430_OG [0x1ae]	1	07-F0	c0	
2025/04/01	00:06:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/04/01	00:06:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/04/01	00:06:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/04/01	00:06:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/04/01	00:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/04/01	00:24:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/04/01	00:25:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CUSTOM_430_OG [0x1ae]	1	07-F0	c0	
2025/04/01	01:42:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/04/01	01:42:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/04/01	01:42:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/04/01	01:42:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/04/01	01:45:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/04/01	01:49:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/04/01	01:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CUSTOM_430_OG [0x1ae]	1	07-F0	c0	
2025/04/01	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/04/01	01:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/04/01	02:00:00.0	AOCs_Ore-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2025/04/01	02:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	00 00 00 00
2025/04/01	02:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2025/04/01	02:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2025/04/01	02:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2025/04/01	02:00:24.0	XRT_FLD_RESET_446_OG [0x1be]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/04/01	02:02:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/04/01	02:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02
2025/04/01	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2025/04/01	03:05:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/04/01	03:05:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/04/01			MDP_XRT_CTRL_MANU	1	07-F0	c1	

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2025/04/01	03:05:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/04/01	03:05:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/04/01	03:08:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/04/01	03:25:00.0	XRT_Custom_430_OG [0x1ae]			
2025/04/01	03:26:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/04/01	04:24:00.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/04/01	04:24:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/04/01	04:24:04.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/04/01	04:24:24.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2025/04/01	04:24:26.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/04/01	04:24:28.0	XRT_ARS_DIS_435_OG [0x1b3]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/04/01	04:27:04.0	XRT_QT_PROG_SET_420_OG [0x1a4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2025/04/01	04:27:06.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/04/01	04:34:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/04/01	04:34:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/04/01	04:35:00.0	AOCs_ORe-point_Start_7_OG [0x09d]			
		AOCU_NM	5	02-76	00 14 62 ae 36
2025/04/01	04:35:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/04/01	04:35:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/04/01	04:35:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/04/01	04:35:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/04/01	04:35:24.0	XRT_FLD_RESET_446_OG [0x1be]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/04/01	04:36:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/04/01	04:36:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/04/01	04:36:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/04/01	04:36:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/04/01	04:37:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2025/04/01	04:37:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/04/01	04:39:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/04/01	05:02:00.0	XRT_Custom_430_OG [0x1ae]			
2025/04/01	05:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/04/01	06:12:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/04/01	06:12:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/04/01	06:12:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/04/01	06:12:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/04/01	06:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/04/01	06:39:00.0	XRT_Custom_430_OG [0x1ae]			
2025/04/01	06:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/04/01	07:52:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/04/01	07:52:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/04/01	07:52:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/04/01	07:52:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/04/01	07:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/04/01	08:16:30.0	XRT_Custom_430_OG [0x1ae]			
2025/04/01	08:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/04/01	08:46:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/04/01	08:46:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/04/01	08:46:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/04/01	08:47:00.0	AOCs_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	03 03 64 01 ca
2025/04/01	08:47:18.0	XRT_FLD_ENA_411_OG [0x19b]			

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2025/04/01	08:47:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2025/04/01	08:47:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/04/01	08:47:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2025/04/01	08:47:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/04/01	08:49:56.0	XRT_QT_PROG_SET_426_OG [0x1aa]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/04/01	08:49:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2025/04/01	08:50:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/04/01	09:31:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/04/01	09:31:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/04/01	09:31:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/04/01	09:31:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/04/01	09:34:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/04/01	09:52:30.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/04/01	09:53:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CUSTOM_430_OG			
2025/04/01	10:56:30.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/04/01	11:12:00.0	AACS_ORe-point_Start_3_OG [0x099]	MDP_XRT_CTRL_MANU	1	07-F0	c1
		AOCU_NM		5	02-76	00 00 00 00 00