

XRT Timeline to be uploaded on 2025/10/21

Period: 2025/10/21 11:19:00 - 2025/10/25 11:48:00

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Normal mode

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XOB #1BD6: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 900s cad (G-band/Leak first)														
Term		Pointing (x, y)				Comment								
10/21 11:32:00 - 10/21 11:44:54		Fixed (936.0, 0.0)				# OP start + HOP130 01/15								
10/21 11:48:00 - 10/21 12:00:54		Fixed (468.0, 0.0)				HOP130 02/15								
10/21 12:20:00 - 10/21 12:32:54		Fixed (-468.0, 0.0)				HOP130 04/15								
10/21 12:36:00 - 10/21 12:48:54		Fixed (-936.0, 0.0)				HOP130 05/15								
10/21 12:52:00 - 10/21 12:58:54		Fixed (815.0, 470.0)				HOP130 06/15								
10/21 13:02:00 - 10/21 13:14:54		Fixed (411.0, 847.0)				HOP130 07/15								
10/21 13:18:00 - 10/21 13:30:54		Fixed (0.0, 941.0)				HOP130 08/15								
10/21 13:34:00 - 10/21 13:46:54		Fixed (-411.0, 847.0)				HOP130 09/15								
10/21 13:50:00 - 10/21 13:56:54		Fixed (-815.0, 470.0)				HOP130 10/15								
10/21 14:00:00 - 10/21 14:06:54		Fixed (815.0, -470.0)				HOP130 11/15								
10/21 14:10:00 - 10/21 14:22:54		Fixed (411.0, -847.0)				HOP130 12/15								
10/21 14:26:00 - 10/21 14:38:54		Fixed (0.0, -941.0)				HOP130 13/15								
10/21 14:42:00 - 10/21 14:54:54		Fixed (-411.0, -847.0)				HOP130 14/15								
10/21 14:58:00 - 10/21 15:03:54		Fixed (-815.0, -471.0)				HOP130 15/15								
PROG= 01 Inf.-time(s)														
Subr= 1		1-time(s)		2.0sec										
Seqn= 30		1-time(s)		2.0sec										
Open/G-band		Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)		Q=90	0	0	2.0sec
Open/G-band		Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)		Q=95	0	0	2.0sec
Subr= 2		8-time(s)		900.0sec										
Seqn= 8		1-time(s)		2.0sec										
thin-Be/Open		med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)		Q=98	3	0	2.0sec
thin-Be/Open		med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)		DPCM	2	0	2.0sec
Seqn= 6		1-time(s)		2.0sec										
Al-poly/Open		Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)		Q=98	3	0	2.0sec
Al-poly/Open		Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)		DPCM	2	0	2.0sec
Default Filter		Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

XOB #1D07: Synoptic 8 Filter w/ Al-mesh(5/128/723), Al-poly(8/181/1443), Thin-Be(33/512/4096), Thick-Be(32/768), Med-Al(256/8192/32768), Med-Be(128/5792)

Term		Pointing (x, y)				Comment									
10/21 12:04:00 - 10/21 12:16:54		Fixed (0.0, 0.0)				HOP130 03/15									
10/21 18:19:30 - 10/21 18:26:24		Fixed (0.0, 0.0)				synoptic, shifted 16.5 min									
10/22 06:03:00 - 10/22 06:09:54		Fixed (0.0, 0.0)				HOP 349 + synoptic from 0600									
10/22 18:03:00 - 10/22 18:09:54		Fixed (0.0, 0.0)				synoptic									
10/23 06:03:00 - 10/23 06:09:54		Fixed (0.0, 0.0)				HOP 349 + synoptic from 0600									
PROG= 06 1-time(s)															
Subr= 1		1-time(s)		2.0sec											
Seqn= 5		1-time(s)		2.0sec											
Open/Ti-poly		Open/thick-Al		close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)		Q=98	0	0	2.0sec
Open/Ti-poly		Open/thick-Al		close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)		Q=98	0	0	2.0sec
Open/Ti-poly		Open/thick-Al		close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)		Q=98	0	0	2.0sec
Open/Ti-poly		Open/thick-Al		close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)		DPCM	0	0	2.0sec
Open/Ti-poly		Open/thick-Al		close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)		DPCM	0	0	2.0sec
Seqn= 26		1-time(s)		2.0sec											
Open/Al-mesh		Open/Al-mesh		close	Safe	Norm	5ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
Open/Al-mesh		Open/Al-mesh		close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
Open/Al-mesh		Open/Al-mesh		close	Safe	Norm	707ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
Seqn= 99		1-time(s)		2.0sec											
Al-poly/Open		Al-poly/Open		close	Safe	Norm	8ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
Al-poly/Open		Al-poly/Open		close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
Al-poly/Open		Al-poly/thick-Al		close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
Seqn= 83		1-time(s)		2.0sec											
thin-Be/Open		thin-Be/Open		close	Safe	Norm	32ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
thin-Be/Open		thin-Be/Open		close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
thin-Be/Open		thin-Be/Open		close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
Seqn= 23		1-time(s)		4.0sec											
Open/G-band		Open/G-band		open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)		Q=90	0	0	2.0sec
Open/G-band		Open/G-band		close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
Subr= 2 1-time(s) 2.0sec															
Seqn= 41		1-time(s)		2.0sec											
Open/thick-Be		Open/thick-Be		close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)		Q=98	0	0	2.0sec
Seqn= 17		1-time(s)		2.0sec											
med-Al/Open		med-Al/thick-Al		close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
med-Al/Open		med-Al/thick-Al		close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
med-Al/Open		med-Al/Open		close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
Seqn= 33		1-time(s)		2.0sec											
med-Be/Open		Open/thick-Al		close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
med-Be/Open		med-Be/Open		close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
med-Be/Open		med-Be/Open		close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
Seqn= 75		1-time(s)		2.0sec											
Al-poly/Ti-poly		Al-poly/thick-Al		close	Safe	Norm	44ms	Obs	2x2	2048x2048 (1024, 1024)		Q=98	0	0	2.0sec

Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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

Term	Pointing (x, y)	Comment
10/21 15:07:00 - 10/21 17:53:00	Fixed (-22.0, 858.0)	HOP 512
10/22 12:03:00 - 10/22 15:29:54	Fixed (-22.0, 858.0)	HOP 512

PROG= 03 Inf.-time(s)

Subr= 1	40-time(s)	90.0sec										
Seqn= 62	1-time(s)	4.0sec										
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
Subr= 2	1-time(s)	2.0sec										
Seqn= 30	1-time(s)	2.0sec										
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 #1D23: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 1800s cad (G-band/Leak last)

Term	Pointing (x, y)	Comment
10/21 18:29:30 - 10/22 03:59:54	Track (-69.8, -375.2) @ 10/21 18:26:30	# AR 14256
10/22 06:13:00 - 10/22 11:59:54	Track (35.4, -374.5) @ 10/22 06:10:00	# AR 14256
10/22 15:33:00 - 10/22 17:59:54	Track (118.7, -373.2) @ 10/22 15:30:00	# AR 14256
10/22 18:13:00 - 10/23 03:51:00	Track (142.3, -372.7) @ 10/22 18:10:00	# AR 14256
10/23 06:13:00 - 10/23 10:19:30	Track (247.0, -369.8) @ 10/23 06:10:00	# AR 14256

PROG= 19 Inf.-time(s)

Subr= 1	8-time(s)	1800.0sec										
Seqn= 8	1-time(s)	2.0sec										
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Seqn= 6	1-time(s)	2.0sec										
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Subr= 2	1-time(s)	2.0sec										
Seqn= 30	1-time(s)	2.0sec										
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1D1A: HOP349 - 3-filter Synoptics (Al-mesh[2/128/723], Al-poly[5/181/1443], thin-Be[16/512/3897] with 512x512 G-band+Leak - 120min cad) + CME wa

Term	Pointing (x, y)	Comment
10/22 04:03:00 - 10/22 05:59:54	Fixed (0.0, 0.0)	HOP 349 + synoptic from 0600
10/23 04:12:30 - 10/23 05:59:54	Fixed (0.0, 0.0)	HOP 349 + synoptic from 0600

PROG= 04 Inf.-time(s)

Subr= 1	1-time(s)	600.0sec										
Seqn= 55	1-time(s)	2.0sec										
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	707ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 98	1-time(s)	2.0sec										
Al-poly/Open	Al-poly/Open	close	Safe	Norm	5ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 79	1-time(s)	2.0sec										
thin-Be/Open	thin-Be/Open	close	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 30	1-time(s)	2.0sec										
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2	6-time(s)	1200.0sec										
Seqn= 8	1-time(s)	2.0sec										
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Seqn= 74	1-time(s)	2.0sec										
med-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
med-Be/Open	med-Be/Open	close	Safe	Norm	2.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
Seqn= 6	1-time(s)	2.0sec										
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Seqn= 29	1-time(s)	2.0sec										
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
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 #1D35: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Be/thick), AEC 3, 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512x512 2x2) + GL													
Term		Pointing (x, y)				Comment							
10/21 11:32:00 - 10/21 11:44:54		Fixed (936.0, 0.0)				# OP start + HOP130 01/15							
10/21 11:48:00 - 10/21 12:00:54		Fixed (468.0, 0.0)				HOP130 02/15							
10/21 12:20:00 - 10/21 12:32:54		Fixed (-468.0, 0.0)				HOP130 04/15							
10/21 12:36:00 - 10/21 12:48:54		Fixed (-936.0, 0.0)				HOP130 05/15							
10/21 12:52:00 - 10/21 12:58:54		Fixed (815.0, 470.0)				HOP130 06/15							
10/21 13:02:00 - 10/21 13:14:54		Fixed (411.0, 847.0)				HOP130 07/15							
10/21 13:18:00 - 10/21 13:30:54		Fixed (0.0, 941.0)				HOP130 08/15							
10/21 13:34:00 - 10/21 13:46:54		Fixed (-411.0, 847.0)				HOP130 09/15							
10/21 13:50:00 - 10/21 13:56:54		Fixed (-815.0, 470.0)				HOP130 10/15							
10/21 14:00:00 - 10/21 14:06:54		Fixed (815.0, -470.0)				HOP130 11/15							
10/21 14:10:00 - 10/21 14:22:54		Fixed (411.0, -847.0)				HOP130 12/15							
10/21 14:26:00 - 10/21 14:38:54		Fixed (0.0, -941.0)				HOP130 13/15							
10/21 14:42:00 - 10/21 14:54:54		Fixed (-411.0, -847.0)				HOP130 14/15							
10/21 14:58:00 - 10/21 15:03:54		Fixed (-815.0, -471.0)				HOP130 15/15							
10/21 15:07:00 - 10/21 17:53:00		Fixed (-22.0, 858.0)				HOP 512							
10/21 18:29:30 - 10/22 03:59:54		Track (-69.8, -375.2) @ 10/21 18:26:30				# AR 14256							
10/22 04:03:00 - 10/22 05:59:54		Fixed (0.0, 0.0)				HOP 349 + synoptic from 0600							
10/22 06:13:00 - 10/22 11:59:54		Track (35.4, -374.5) @ 10/22 06:10:00				# AR 14256							
10/22 12:03:00 - 10/22 15:29:54		Fixed (-22.0, 858.0)				HOP 512							
10/22 15:33:00 - 10/22 17:59:54		Track (118.7, -373.2) @ 10/22 15:30:00				# AR 14256							
10/22 18:13:00 - 10/23 03:51:00		Track (142.3, -372.7) @ 10/22 18:10:00				# AR 14256							
10/23 04:12:30 - 10/23 05:59:54		Fixed (0.0, 0.0)				HOP 349 + synoptic from 0600							
10/23 06:13:00 - 10/23 10:19:30		Track (247.0, -369.8) @ 10/23 06:10:00				# AR 14256							
PROG= 14 30-time(s)													
Subr= 1 1-time(s) 2.0sec													
└ Seqn= 68 1-time(s) 2.0sec													
└└ Open/G-band Open/G-band open		Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=95	0	0	2.0sec		
Subr= 2 20-time(s) 2.0sec													
└ Seqn= 11 1-time(s) 2.0sec													
└└ Al-poly/Open Al-poly/thick-Al close		Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec		
└ Seqn= 73 1-time(s) 10.0sec													
└└ thin-Be/Open med-Be/Open close		Safe	Norm	125ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec		
└└ med-Be/Open Open/thick-Al close		Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec		
└└ Open/thick-Be Open/thick-Be close		Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec		
Subr= 3 1-time(s) 2.0sec													
└ Seqn= 10 1-time(s) 2.0sec													
└└ med-Al/Open med-Al/thick-Al close		Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec		
└└ Open/thick-Be Open/thick-Be close		Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec		
└ Seqn= 11 1-time(s) 2.0sec													
└└ Al-poly/Open Al-poly/thick-Al close		Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec		
└ Seqn= 87 1-time(s) 2.0sec													
└└ Open/G-band Open/G-band open		Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec		
└└ Open/G-band Open/G-band close		Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec		
└└ Open/thick-Al Open/thick-Al close		Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec		
└└ Open/thick-Al Open/thick-Al close		Safe	Dark	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec		
Default Filter		Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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Active Region Search

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NOT USED

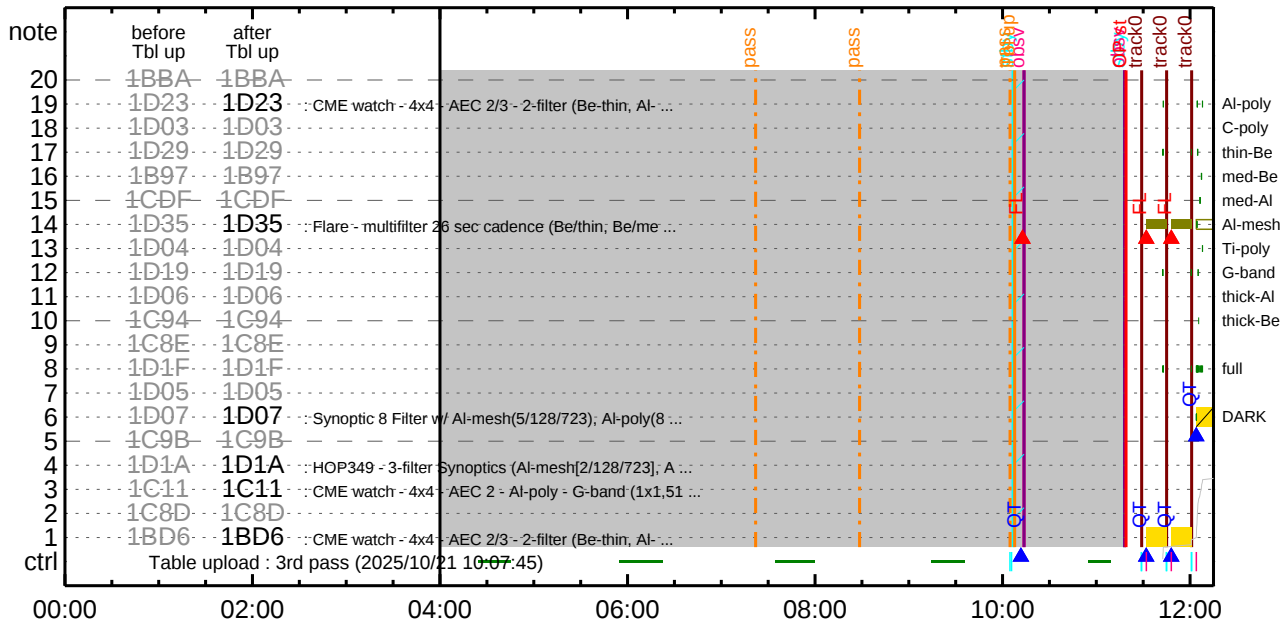
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Flare Detection

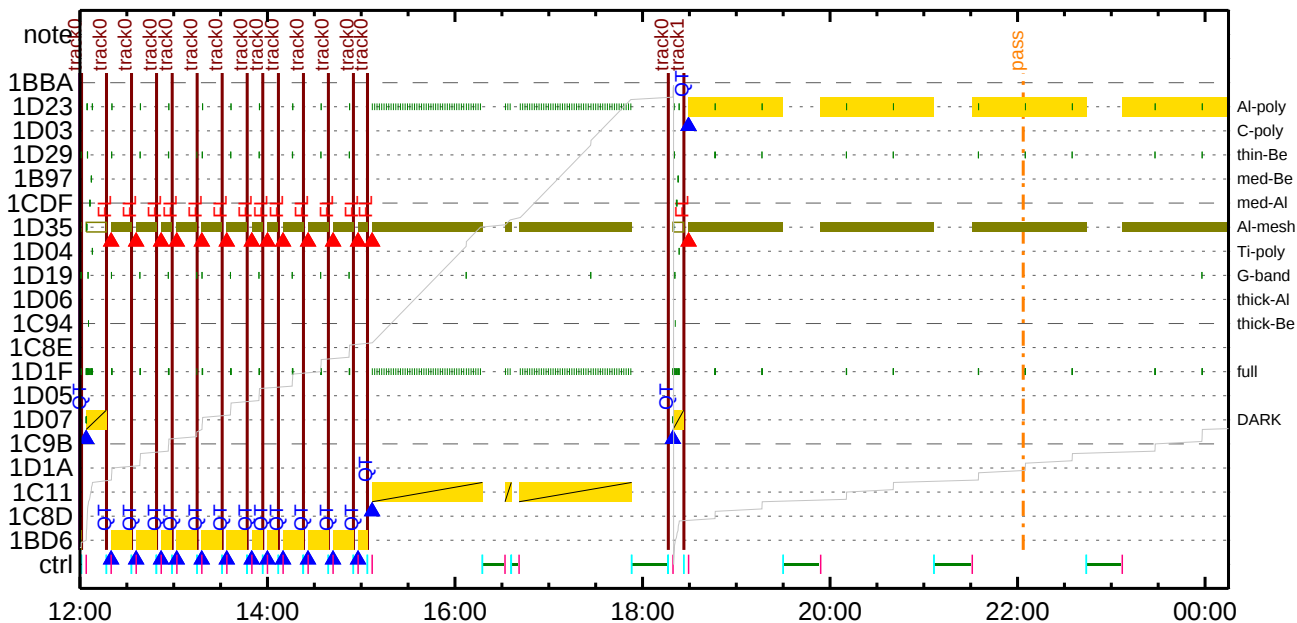
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FLD Patrol												
Term			Pointing (x, y)					Comment				
10/21 10:08:45 - 10/21 12:01:18			cannot be identified									
10/21 12:17:18 - 10/21 18:16:48			Fixed (-468.0, 0.0)					HOP130 04/15				
10/21 18:26:48 - 10/22 06:00:18			Track (-69.8, -375.2)		@ 10/21 18:26:30			# AR 14256				
10/22 06:10:18 - 10/22 18:00:18			Track (35.4, -374.5)		@ 10/22 06:10:00			# AR 14256				
10/22 18:10:18 - 10/23 06:00:18			Track (142.3, -372.7)		@ 10/22 18:10:00			# AR 14256				
10/23 06:10:18 - 10/25 11:48:00			Track (247.0, -369.8)		@ 10/23 06:10:00			# AR 14256				
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

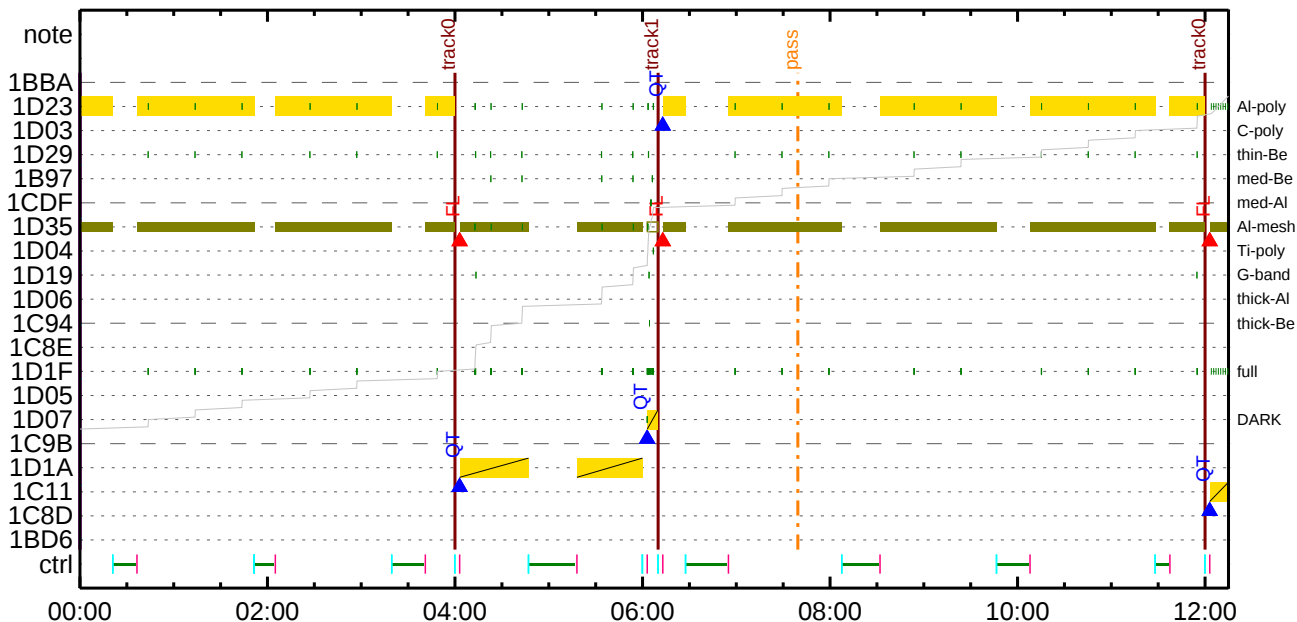
CMDI #0913 2025/10/21



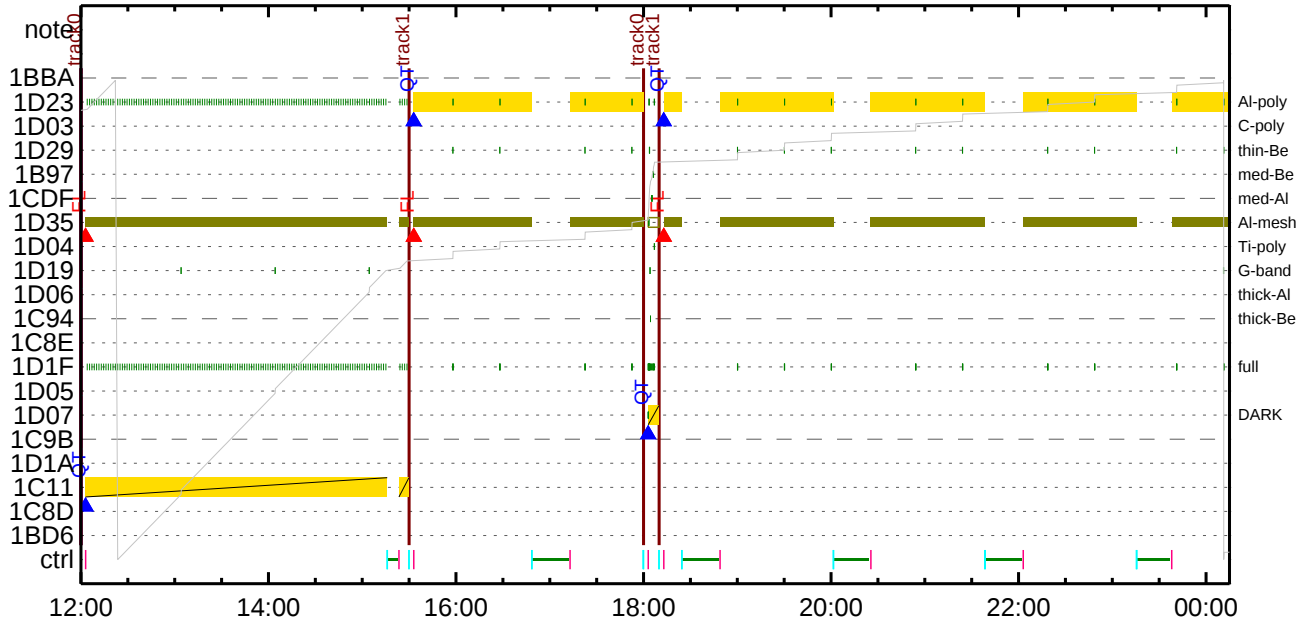
CMDI #0913 2025/10/21



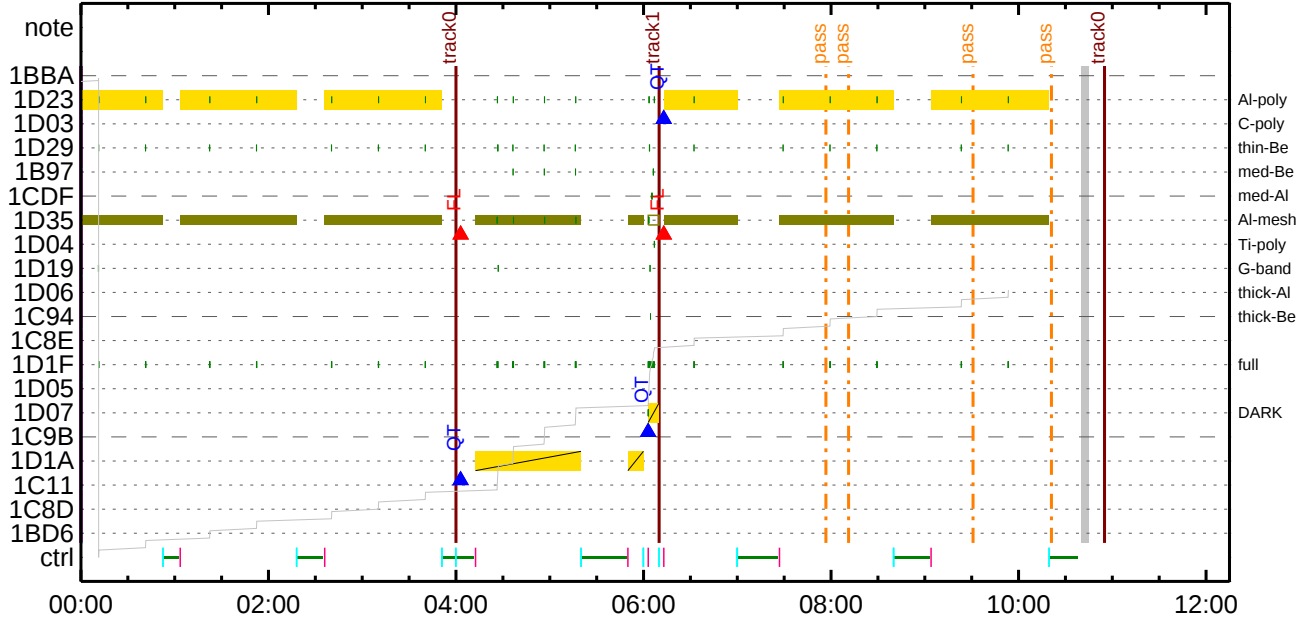
CMDI #0913 2025/10/22



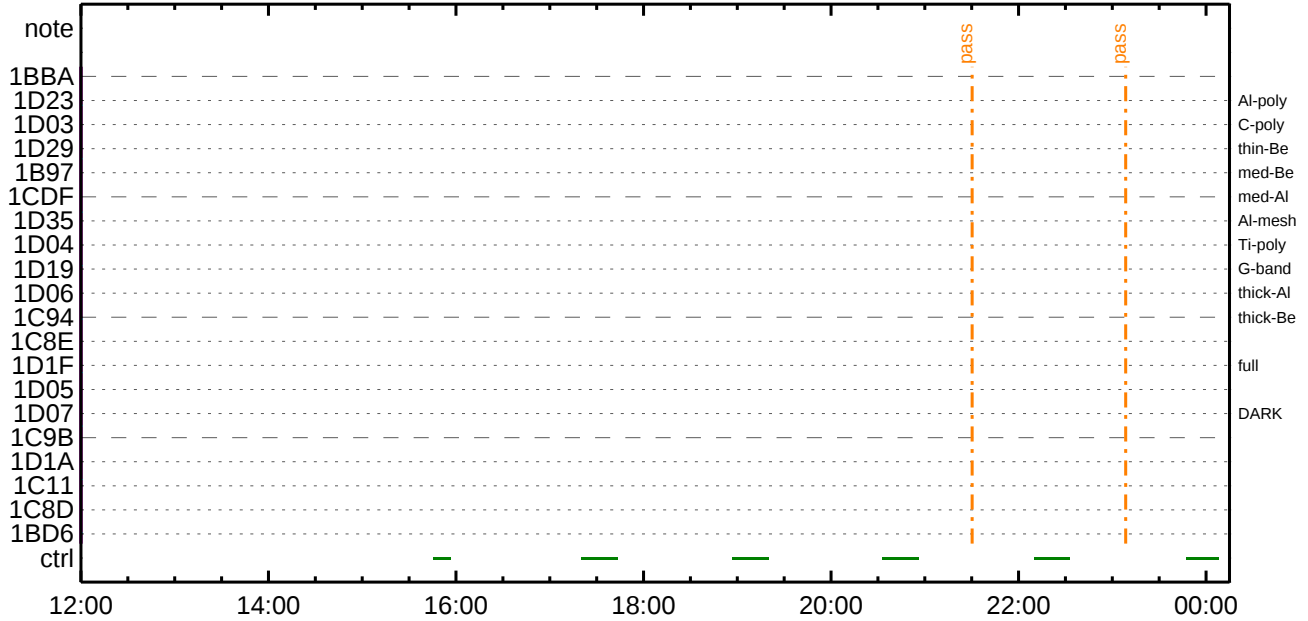
CMDI #0913 2025/10/22



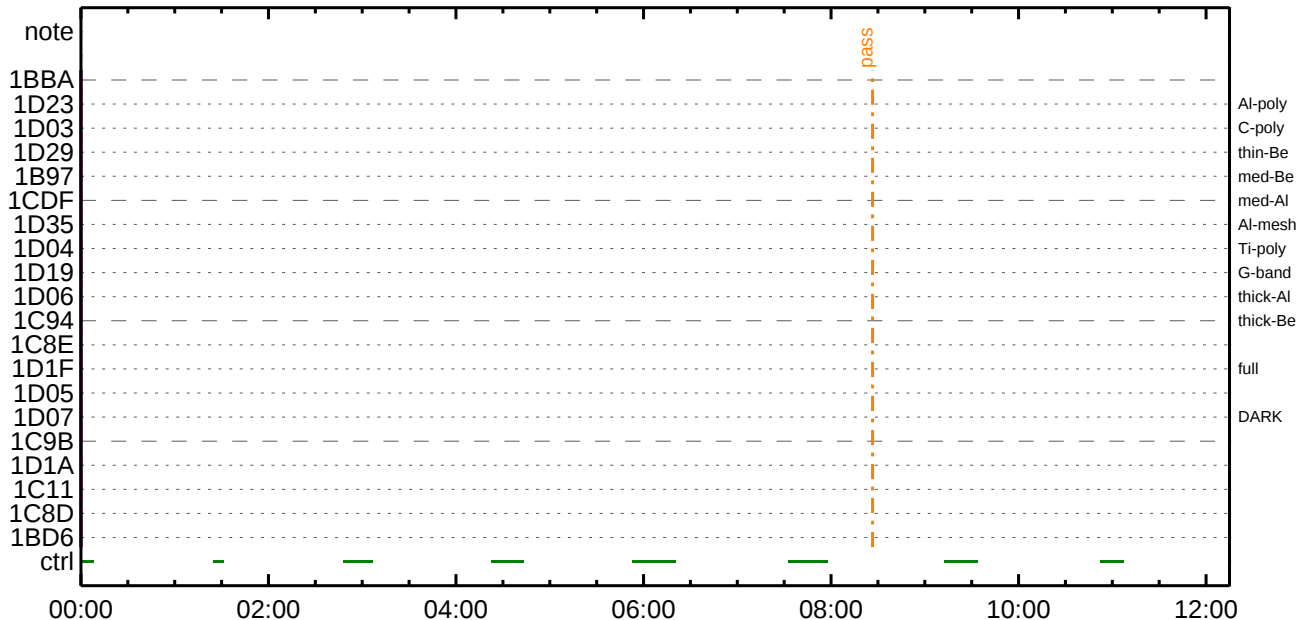
CMDI #0913 2025/10/23



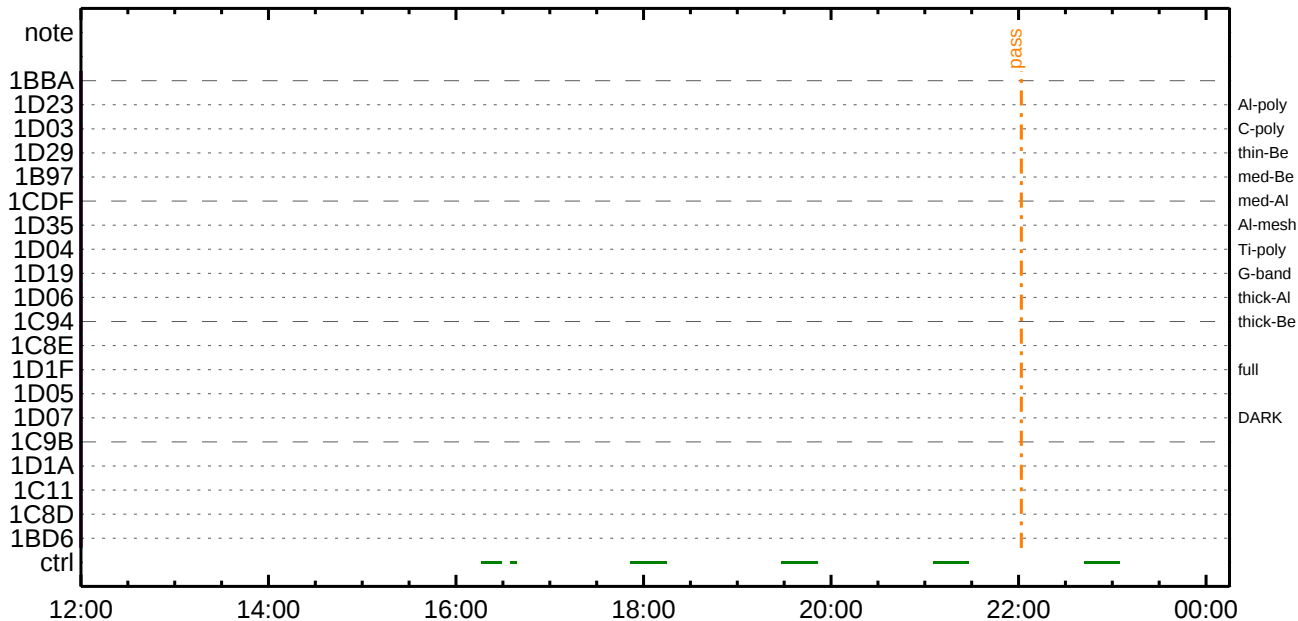
CMDI #0913 2025/10/23



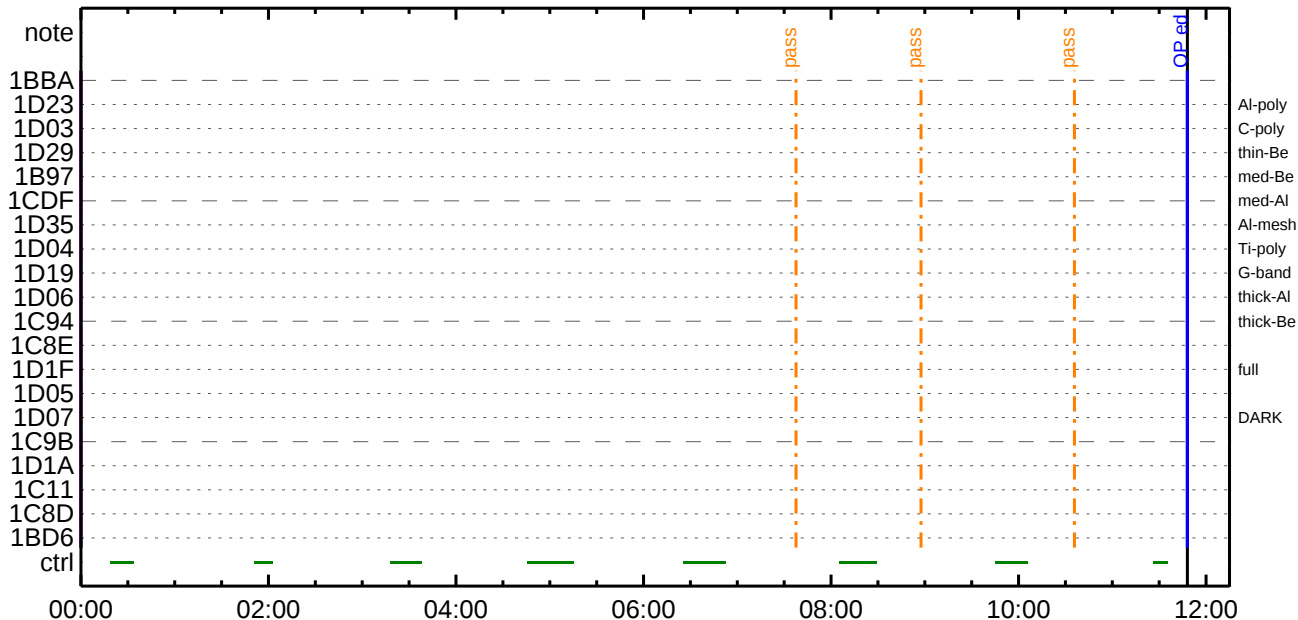
CMDI #0913 2025/10/24



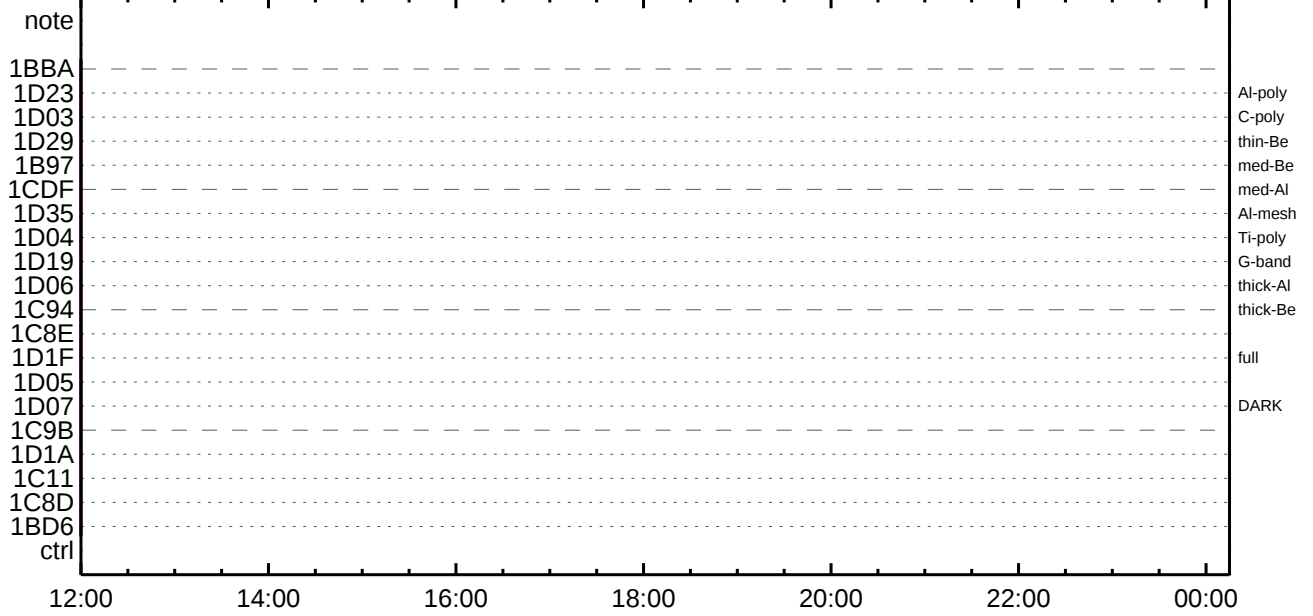
CMDI #0913 2025/10/24



CMDI #0913 2025/10/25



CMDI #0913 2025/10/25



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main-587 2025-10-21 11:14:39 194 33 SOLAR-B MAIN //
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2025-10-21 11:14:39 194 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŸÁŸ$ŸÄŸ~¼Ä»Ü;ä
0005 C.
0006 C. ŸÄŸß;¼Ÿ³ŸPŸóŸÉÁ÷ç®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Äí;ËñçñÄñ•µ°E»Í×ÄÇñÍŸçŸÄŸ×Ÿí;¼ŸÉ;ËËèµ•íÍË;ËñÉ¼°ÇÓñ•ñç¼í¹çñÍ;çÄ®,ùñ¹ñËñPñÇÁ÷ç®ñ•ñËñññ³ñË;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. OP/OGŸí;¼ŸÉ;|ŸÄŸóŸ×
0016 C. *****
0017 C.
0018 . C. ;ãOP/OGŸí;¼ŸÉ;ä
0019 . S. OP op-587:OP
0020 ()
0021 . S. OG og-587:OG
0022 ()
0023 C.
0024 . C. ;ãNMOG&OPÎî°èŸÄŸóŸ×;ä
0025 C. NMOG(0x200000-0x207FFF;$ 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°Ä÷ç® (¼âµ-ŸÄŸóŸ×½è½çñòÄÓæñÇ½ªñ''ñë¼í¹çñÇñâ) *****
0083 C. DHUŸä;¼ŸÉ;Ë¼ý½,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®NGñî¼í¹ç;ç°Ë²¼ñîTI-CMDÁ÷ç®ñî¼Ä¹Ôñ•ñËñññ³ñË;£

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0096	C.	SET EDUMP I± iŸŸ¹ Ç¹ Œ ; ³ E ; f		
0097	C.			
0098	C.	TIŸ³ŸPŸóŸÉ ò Æ D I ; (UT)		
0099	+. TI	2025-10-21 11:14:00.0		
0100	DC	01-B3 DHU_OP_STOP		
0101	C.	ÇÇ [HK1_TI_CMD_NUM]	EQ	1COUNTUP
0102	C.			
0103	+. TI	2025-10-21 11:14:01.0		
0104	DC	01-B4 DHU_OP_COPY		
0105	C.	ÇÇ [HK1_TI_CMD_NUM]	EQ	1COUNTUP
0106	C.			
0107	+. TI	2025-10-21 11:14:01.0		
0108	DC	01-B5 DHU_OPOG_COPY		
0109	C.	ÇÇ [HK1_TI_CMD_NUM]	EQ	1COUNTUP
0110	C.			
0111	+. TI	2025-10-21 11:18:59.5		
0112	DC	01-B2 DHU_OP_START		
0113	C.	ÇÇ [HK1_TI_CMD_NUM]	EQ	1COUNTUP
0114	C.			
0115	C.	°Ê²¼ ò İ Ä è ¼ i İ Ñ ò İ Ÿ Ä Ÿ \$ Ÿ Ä Ÿ - ¹ à i Ÿ		
0116	C.	ÇÇ [HK1_TI_CMD_ENA/DIS]	EQ	ENA
0117	C.	ÇÇ [HK1_TI_CMD_NUM]	EQ	4
0118	C.	ÇÇ [HK1_NEXT_EXEC_PIM]	EQ	DHU
0119	C.	ÇÇ [HK1_NEXT_EXEC_DC]	EQ	0xB3
0120	C.			
0121	C.	*****		
0122	C.	TI İ İ ° è Ÿ Ä Ÿ ó Ÿ ×		
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.	ÇÇ [HK1_DMP_TOP_ADRS_1]	EQ	07
0129	C.	ÇÇ [HK1_DMP_TOP_ADRS_0]	EQ	2B
0130	C.	ÇÇ [HK1_DMP_BLOCK_NUM]	EQ	3
0131	C.	ÇÇ [HK1_DMP_REPEAT_NUM]	EQ	0
0132	C.	ÇÇ [HK1_DMA_DMP_PIM]	EQ	DHU
0133	+. DC	01-22 DHU_MODE_CHNG		
0134	BC	(07 0b f8)		
0135	C.	ÇÇ [HK1_PKT_FORM_NO]	EQ	7
0136	C.	ÇÇ [HK1_PKT_GEN_TIME]	EQ	0.25 s
0137	C.	ÇÇ [HK1_S_TLM_BIT_RATE]	EQ	32k
0138	C.	ÇÇ [HK1_X_TLM_BIT_RATE]	EQ	4M
0139	C.	ÇÇ [HK1_DMP_CHK_FLG]	EQ	EXEC
0140	C.			
0141	C.	Ÿ Ä Ÿ ó Ÿ × ½ a İ » ò ò ³ İ Ç \$		
0142	C.	ÇÇ [HK1_DMP_CHK_FLG]	EQ	NON
0143	C.			
0144	C.	RAM ID=TI_TBL ò İ ¼ È ¹ Ç • è ² İ OK ò ò ³ İ Ç \$		
0145	C.			
0146	C.	DHU Ÿ à ; ¼ Ÿ È ; È ¼ Ÿ ½ , Ÿ i ; ¼ Ÿ È ; È ò ò İ á ñ ¹		
0147	+. DC	01-22 DHU_MODE_CHNG		
0148	BC	(02 0a f8)		
0149	C.	ÇÇ [HK1_PKT_FORM_NO]	EQ	2
0150	C.	ÇÇ [HK1_PKT_GEN_TIME]	EQ	0.5S
0151	C.	ÇÇ [HK1_S_TLM_BIT_RATE]	EQ	32K
0152	C.	ÇÇ [HK1_X_TLM_BIT_RATE]	EQ	4M
0153	C.			
0154	C.			
0155	C.	***** XRT START *****		
0156	C.	Execute, after the success of OP upload.		
0157	+. TI	2025-10-21 11:18:00.0		
0158	DC	07-F0 MDP_XRT_MODE_STBY		
0159	BC	(c3)		
0160	C.	[] [HK1_TI_CMD_NUM]	EQ	1COUNTUP
0161	C.			
0162	C.	***** XRT END *****		
0163	C.	Stop EIS observation and temporarily disable EIS mode changes		
0164	C.			
0165	C.			
0166	C.	***** Start EIS operation (TI set) *****		
0167	C.	Execute, after the success of OP upload.		
0168	C.	Set EIS TI-commands		
0169	+. TI	2025-10-21 11:18:30.0		
0170	DC	07-FC EIS_MODE_MANU		
0171	BC	(21 02)		
0172	+. TI	2025-10-21 11:18:40.0		
0173	DC	07-FC EIS_MODE_CHG_DIS		
0174	BC	(22)		
0175	C.	[] [HK1_TI_CMD_NUM]	EQ	2 COUNTUP
0176	C.	***** End EIS operation (TI set) *****		
0177	C.			
0178	C.			
0179	C.			
0180	C.	***** MDP ' Ÿ Ä İ ñ ò İ » ò ¼ Ÿ ò È Ä ñ ¹ ñ è DCBC • × ² è *****		
0181	C.	(¼ Ä ° İ Ÿ Ó Ÿ Ä Ÿ È Ÿ P Ÿ È Ÿ Ä Ÿ Ç Ÿ è ñ È ¼ ñ ñ ¼ Ä » Ÿ ñ ¹ ñ è)		
0182	S.	DC-BC dcbc-402:DCBC		
0183		(MDP_known_event)		
0184	C.			
0185	C.			
0186	C.	***** Ÿ È Ÿ ¹ • İ Daily ± Ç İ Ñ ñ È ' Ø ñ ¹ ñ è DCBC • × ² è *****		
0187	S.	DC-BC dcbc-153:DCBC		
0188		(SPECIAL-CMD_DAILY_OPERATIN_DCB)		
0189	C.			
0190	C.			
0191	C.	; ä LOS Ÿ Ä Ÿ \$ Ÿ Ä Ÿ - ¼ Ä » Ÿ ; ä		
0192				


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main-588 2025-10-21 11:14:39 178 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°ÇÔñ•ñç¼¹¹Çñİ;çÀ®,ùñ¹ñèñÐñÇÄ÷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×ÈÝñäLOSñÐñÇñİ»p´Òðò¹íî,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. XŲÐŲóŲÉŲíŲÃŲ~¾ÔÄÖñ¬°ÄÄèñ•ñççé;ç°Ê²¼ñî°EÄ,¼è½Çñðò¼Ä¹Ôñ¹ñè;£
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. ;ãŲçŲóŲEŲËÈÄÚÂØ;ÊÄ•Ä°²óÈò;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°Ê²¼ñðò¼Ä¹Ôñ¹ñè;£
0055 C. ŲçŲóŲEŲËÈÄÚÂØñäÄ•Ä°²óÈòñ¬¼áñç¼¹¹Çñİ´°î»ñ¹ñèñÐñÇÄÔñÄ;£
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. ;ãŲçŲóŲEŲËÈÄÚÂØ;ÊÄ•Ä°²óÈò;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
```

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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 = 5520305.0 +- 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 33s
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 2025-10-21 11:18:50.0
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¥ÊñÊ¼¾ñ¼Å»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¥Ã¥¹¼Å»Û;ä
0176 C.
0177 . C. ***** LOS *****
0178 C.

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main-589 2025-10-21 11:14:39 180 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°ÇÔñ•ñç¼¹¹Çñİ;çÀ®,ùñ¹ñèñÐñÇÄ÷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×ÈÝñäLOSñÐñÇñÎ»p´Òðò¹íî,ñ•;çÉÔÍ×ñÈXÄÓONñİ¹ÒñÈñíñÈñññ³ñÈ;£
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~¾ÔÖñ¬°ÄÄèñ•ñç,ç°Ê²¼ñî°EÄ,¼è½Çñðò¼Ä¹Òñ¹ñè;£
0030 C.
0031 . C. *****
0032 C. DR PT1 Äî¼í°EÄ,
0033 C. *****
0034 C. ° RESTART;ÊPT1;Ëñ•ñçñ¼¹¹Çñİ;ç°Ê²¼ñî¼Ä¹Òññ°;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 (¼Ä¹Ò,;¼Ü)
0043 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ò,;¼Ü)
0044 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ò,;¼Ü)
0045 C.
0046 . C. ;ãŲçŲóŲEŲËÈÄÚÂØ;ÊÄ•Ä°²òÈò;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 (¼Ä¹Ò,;¼Ü)
0050 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ò,;¼Ü)
0051 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ò,;¼Ü)
0052 C.
0053 C.
0054 . C. PT1°EÄ,ñ¬¼«E°Ää»ßñ•ñç,ä;ç°Ê²¼ñðò¼Ä¹Òñ¹ñè;£
0055 C. ŲçŲóŲEŲËÈÄÚÂØñÄ•Ä°²òÈòñ¬¼áñ¼¹¹Çñİ´°î»ñ¹ñèñÐñÇÄÔñÄ;£
0056 C.
0057 . C. *****
0058 C. DR PT2 Äî¼í°EÄ,
0059 C. *****
0060 C. ° RESTART;ÊPT2;Ëñ•ñçñ¼¹¹Çñİ;ç°Ê²¼ñî¼Ä¹Òññ°;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 (¼Ä¹Ò,;¼Ü)
0069 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ò,;¼Ü)
0070 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ò,;¼Ü)
0071 C.
0072 . C. ;ãŲçŲóŲEŲËÈÄÚÂØ;ÊÄ•Ä°²òÈò;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 (¼Ä¹Ò,;¼Ü)
0076 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ò,;¼Ü)
0077 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ò,;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.
0099 C. ***** XRT START *****
0100 C.
0101 +. DC 07-F0 MDP_XRT_CTRL_MANU
0102 BC (c1)
0103 +. DC 07-F0 MDP_XRT_CTRL_MANU
0104 BC (c1)
0105 + DC 07-F0 MDP_XRT_MODE_STBY
0106 BC (c3)
0107 . C. ----- Success Verify ? OK / NG____
0108 C.
0109 C. XRT Obs. Table Upload
0110 . S. RAM ram-291:MDP_OBS_X
0111 ()
0112 C.
0113 +. DC 07-F0 MDP_DUMP_XRTTBL
0114 BC (84 07 00 00 00 3a d4)
0115 . C. ----- Comparison Check ? OK / ERR ____
0116 C.
0117 C.
0118 +. DC 07-F0 MDP_XRT_ROI_SET
0119 BC (cd 01 b1 b1 04 04)
0120 + DC 07-F0 MDP_XRT_ROI_SET
0121 BC (cd 02 b1 b1 08 08)
0122 + DC 07-F0 MDP_XRT_ROI_SET
0123 BC (cd 03 b1 b1 08 08)
0124 + DC 07-F0 MDP_XRT_ROI_SET
0125 BC (cd 04 b1 b1 06 06)
0126 + DC 07-F0 MDP_XRT_ROI_SET
0127 BC (cd 06 80 80 08 08)
0128 + DC 07-F0 MDP_XRT_ROI_SET
0129 BC (cd 07 80 80 20 20)
0130 + DC 07-F0 MDP_XRT_ROI_SET
0131 BC (cd 08 80 80 20 08)
0132 + DC 07-F0 MDP_XRT_ROI_SET
0133 BC (cd 09 80 80 08 20)
0134 + DC 07-F0 MDP_XRT_ROI_SET
0135 BC (cd 0f 80 80 06 06)
0136 + DC 07-F0 MDP_XRT_ROI_SET
0137 BC (cd 10 80 80 08 08)
0138 + DC 07-F0 MDP_XRT_FLD_ENA
0139 BC (d8)
0140 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0141 BC (c8)
0142 + DC 07-F0 MDP_XRT_ARS_DIS
0143 BC (d5)
0144 + DC 07-F0 MDP_XRT_AEC_RESET
0145 BC (d0)
0146 + DC 07-F0 MDP_XRT_FLD_RESET
0147 BC (da)
0148 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0149 BC (c4 01)
0150 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0151 BC (c5 0e)
0152 . C. ----- Success Verify ? OK / NG ____
0153 C.
0154 C.
0155 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0156 C.
0157 +. DC 07-F0 MDP_XRT_MODE_OBSV
0158 BC (c2)
0159 +. TI 2025-10-21 11:18:02.0
0160 DC 07-F0 MDP_XRT_MODE_OBSV
0161 BC (c2)
0162 . C. ----- Success Verify ? OK / NG ____
0163 C.
0164 C. ***** XRT END *****
0165 C.
0166 . C. ***** MDP `ûÃîñî»ö¼ÝñÊÃÐñ¹ñÐDCBC•x²è *****
0167 C. (¼å°îÝÓÝÃÝÊÝÐÝÊÝáÝÇÝËñÊ¼ññ¼Ã»Üñ¹ñË)
0168 . S. DC-BC dcbc-402:DCBC
0169 (MDP_known_event)
0170 C.
0171 C.
0172 . C. ***** ¥ÐÝ¹•Ï Daily±;îññÊ'Øñ¹ñÐDCBC•x²è *****
0173 . S. DC-BC dcbc-153:DCBC
0174 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0175 C.
0176 C.
0177 . C. ;ãLOS¥Á¥$¥Ã¥~¼Ã»Ü;ã
0178 C.
0179 . C. ***** LOS *****
0180 C.
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*** OP Sequence for XRT ***

2025/10/21	11:28:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/21	11:28:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/21	11:28:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/10/21	11:29:00.0	AOCS_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	00 00 00 ac cd
2025/10/21	11:29:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/10/21	11:29:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/10/21	11:29:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/10/21	11:29:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/10/21	11:29:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/10/21	11:31:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2025/10/21	11:31:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/10/21	11:32:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/10/21	11:44:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/21	11:44:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/21	11:44:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/10/21	11:45:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 d6 67
2025/10/21	11:45:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/10/21	11:45:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/10/21	11:45:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/10/21	11:45:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/10/21	11:45:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/10/21	11:47:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2025/10/21	11:47:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/10/21	11:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/10/21	12:00:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/21	12:00:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/21	12:00:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/10/21	12:01:00.0	AOCS_ORe-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/10/21	12:01:18.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2025/10/21	12:01:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/10/21	12:01:22.0	XRT_ARS_DIS_435_OG [0x1b3]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/10/21	12:03:58.0	XRT_QT_PROG_SET_429_OG [0x1ad]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2025/10/21	12:04:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/10/21	12:16:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/21	12:16:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/21	12:16:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/10/21	12:17:00.0	AOCS_ORe-point_Start_4_OG [0x09a]			
		AOCU_NM	5	02-76	00 00 00 29 99
2025/10/21	12:17:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/10/21	12:17:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/10/21	12:17:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/10/21	12:17:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/10/21	12:17:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/10/21	12:19:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2025/10/21	12:19:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/10/21	12:20:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/10/21	12:32:54.0	XRT_CTRL_MANU_402_OG [0x192]			

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2025/10/21	12:32:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/21	12:32:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/21	12:33:00.0	AOCs_Ore-point_Start_5_OG [0x09b]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2025/10/21	12:33:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 00 00 53 33	
2025/10/21	12:33:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2025/10/21	12:33:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2025/10/21	12:33:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2025/10/21	12:33:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/10/21	12:35:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/10/21	12:35:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01	
2025/10/21	12:36:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e	
2025/10/21	12:48:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/10/21	12:48:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/21	12:48:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/21	12:49:00.0	AOCs_Ore-point_Start_6_OG [0x09c]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2025/10/21	12:49:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 d6 36 b7 8e	
2025/10/21	12:49:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2025/10/21	12:49:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2025/10/21	12:49:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2025/10/21	12:49:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/10/21	12:51:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/10/21	12:51:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01	
2025/10/21	12:52:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e	
2025/10/21	12:58:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/10/21	12:58:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/21	12:58:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/21	12:59:00.0	AOCs_Ore-point_Start_7_OG [0x09d]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2025/10/21	12:59:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 b4 b5 db 75	
2025/10/21	12:59:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2025/10/21	12:59:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2025/10/21	12:59:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2025/10/21	12:59:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/10/21	13:01:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/10/21	13:01:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01	
2025/10/21	13:02:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e	
2025/10/21	13:14:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/10/21	13:14:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/21	13:14:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/21	13:15:00.0	AOCs_Ore-point_Start_8_OG [0x09e]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2025/10/21	13:15:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 ac 5b 00 00	
2025/10/21	13:15:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2025/10/21	13:15:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2025/10/21	13:15:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2025/10/21	13:15:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/10/21	13:17:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/10/21	13:17:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01	
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e	

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2025/10/21	13:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/10/21	13:30:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/21	13:30:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/21	13:30:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/10/21	13:31:00.0	AOCS_ORe-point_Start_9_OG [0x09f]			
		AOCU_NM	5	02-76	00 b4 b5 24 8b
2025/10/21	13:31:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/10/21	13:31:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/10/21	13:31:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/10/21	13:31:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/10/21	13:31:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/10/21	13:33:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2025/10/21	13:33:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/10/21	13:34:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/10/21	13:46:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/21	13:46:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/21	13:46:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/10/21	13:47:00.0	AOCS_ORe-point_Start_10_OG [0x0a0]			
		AOCU_NM	5	02-76	00 d6 36 48 72
2025/10/21	13:47:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/10/21	13:47:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/10/21	13:47:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/10/21	13:47:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/10/21	13:47:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/10/21	13:49:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2025/10/21	13:49:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/10/21	13:50:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/10/21	13:56:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/21	13:56:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/21	13:56:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/10/21	13:57:00.0	AOCS_ORe-point_Start_11_OG [0x0a1]			
		AOCU_NM	5	02-76	00 29 ca b7 8e
2025/10/21	13:57:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/10/21	13:57:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/10/21	13:57:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/10/21	13:57:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/10/21	13:57:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/10/21	13:59:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2025/10/21	13:59:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/10/21	14:00:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/10/21	14:06:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/21	14:06:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/21	14:06:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/10/21	14:07:00.0	AOCS_ORe-point_Start_12_OG [0x0a2]			
		AOCU_NM	5	02-76	00 4b 4b db 75
2025/10/21	14:07:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/10/21	14:07:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/10/21	14:07:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/10/21	14:07:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/10/21	14:07:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/10/21	14:09:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]			

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2025/10/21	14:09:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01
2025/10/21	14:10:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2025/10/21	14:22:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/10/21	14:22:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/21	14:22:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/21	14:23:00.0	AOCS_ORe-point_Start_13_OG [0x0a3]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2025/10/21	14:23:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	53 a5 00 00
2025/10/21	14:23:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2025/10/21	14:23:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2025/10/21	14:23:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2025/10/21	14:23:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/10/21	14:25:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/10/21	14:25:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01
2025/10/21	14:26:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2025/10/21	14:38:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/10/21	14:38:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/21	14:38:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/21	14:39:00.0	AOCS_ORe-point_Start_14_OG [0x0a4]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2025/10/21	14:39:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	4b 4b 24 8b
2025/10/21	14:39:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2025/10/21	14:39:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2025/10/21	14:39:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2025/10/21	14:39:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/10/21	14:41:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/10/21	14:41:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01
2025/10/21	14:42:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2025/10/21	14:54:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/10/21	14:54:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/21	14:54:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/21	14:55:00.0	AOCS_ORe-point_Start_15_OG [0x0a5]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2025/10/21	14:55:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	29 db 48 72
2025/10/21	14:55:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2025/10/21	14:55:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2025/10/21	14:55:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2025/10/21	14:55:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/10/21	14:57:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/10/21	14:57:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01
2025/10/21	14:58:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2025/10/21	15:03:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/10/21	15:03:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/21	15:03:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/21	15:04:00.0	AOCS_ORe-point_Start_16_OG [0x0a6]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2025/10/21	15:04:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	b3 bf 01 f3
2025/10/21	15:04:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2025/10/21	15:04:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2025/10/21	15:04:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2025/10/21			MDP_XRT_ARS_DIS	1	07-F0	d5	

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2025/10/21	15:04:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/10/21	15:06:56.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03
2025/10/21	15:06:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2025/10/21	15:07:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/10/21	16:17:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/21	16:17:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/21	16:17:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/10/21	16:17:36.0	XRT_PREFLR_STRT_404_OG [0x194]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/10/21	16:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/10/21	16:31:00.0	XRT_Custom_430_OG [0x1ae]					
2025/10/21	16:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/10/21	16:36:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/21	16:36:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/21	16:36:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/10/21	16:36:06.0	XRT_PREFLR_STRT_404_OG [0x194]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/10/21	16:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/10/21	16:40:00.0	XRT_Custom_430_OG [0x1ae]					
2025/10/21	16:41:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/10/21	17:53:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/21	17:53:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/21	17:53:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/10/21	17:53:06.0	XRT_PREFLR_STRT_404_OG [0x194]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/10/21	17:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/10/21	18:16:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/21	18:16:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/21	18:16:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2025/10/21	18:16:30.0	AOCs_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00	00 00
2025/10/21	18:16:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2025/10/21	18:16:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2025/10/21	18:16:52.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/10/21	18:19:28.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06
2025/10/21	18:19:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/10/21	18:26:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/21	18:26:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/21	18:26:28.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2025/10/21	18:26:30.0	AOCs_Ore-point_Start_17_OG [0x0a7]	AOCU_NM	5	02-76	01 03 be 01	f3
2025/10/21	18:26:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2025/10/21	18:26:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2025/10/21	18:26:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2025/10/21	18:26:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/10/21	18:26:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/10/21	18:29:26.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13
2025/10/21	18:29:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2025/10/21	18:29:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/10/21	19:30:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/21	19:30:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/21	19:30:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/10/21	19:30:06.0	XRT_PREFLR_STRT_404_OG [0x194]					

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2025/10/21	19:33:14.0	MDP_XRT_PREFLR_STRT	1	07-F0	e8
		XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/10/21	19:53:00.0	XRT_Custom_430_OG [0x1ae]			
2025/10/21	19:54:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/10/21	21:06:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/21	21:06:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/21	21:06:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/10/21	21:06:36.0	XRT_PREFLR_STRT_404_OG [0x194]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/10/21	21:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/10/21	21:30:00.0	XRT_Custom_430_OG [0x1ae]			
2025/10/21	21:31:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/10/21	22:44:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/21	22:44:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/21	22:44:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/10/21	22:44:06.0	XRT_PREFLR_STRT_404_OG [0x194]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/10/21	22:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/10/21	23:06:00.0	XRT_Custom_430_OG [0x1ae]			
2025/10/21	23:07:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/10/22	00:21:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/22	00:21:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/22	00:21:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/10/22	00:21:06.0	XRT_PREFLR_STRT_404_OG [0x194]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/10/22	00:24:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/10/22	00:35:30.0	XRT_Custom_430_OG [0x1ae]			
2025/10/22	00:36:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/10/22	01:51:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/22	01:51:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/22	01:51:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/10/22	01:51:36.0	XRT_PREFLR_STRT_404_OG [0x194]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/10/22	01:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/10/22	02:04:00.0	XRT_Custom_430_OG [0x1ae]			
2025/10/22	02:05:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/10/22	03:19:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/22	03:19:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/22	03:19:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/10/22	03:19:36.0	XRT_PREFLR_STRT_404_OG [0x194]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/10/22	03:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/10/22	03:40:00.0	XRT_Custom_430_OG [0x1ae]			
2025/10/22	03:41:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/10/22	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/22	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/22	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/10/22	04:00:00.0	AOCs_Ore-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/10/22	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/10/22	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/10/22	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/10/22	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/10/22	04:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/10/22	04:02:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2025/10/22	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e

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2025/10/22	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/10/22	04:47:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/22	04:47:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/22	04:47:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/10/22	04:47:06.0	XRT_PREFLR_STRT_404_OG [0x194]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/10/22	04:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/10/22	05:17:00.0	XRT_Custom_430_OG [0x1ae]			
2025/10/22	05:18:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/10/22	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/22	05:59:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/22	05:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/10/22	06:00:18.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2025/10/22	06:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/10/22	06:00:22.0	XRT_ARS_DIS_435_OG [0x1b3]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/10/22	06:02:58.0	XRT_QT_PROG_SET_429_OG [0x1ad]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2025/10/22	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/10/22	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/22	06:09:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/22	06:09:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/10/22	06:10:00.0	AOCs_Or-point_Start_17_OG [0x0a7]			
		AOCU_NM	5	02-76	01 03 be 01 f3
2025/10/22	06:10:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/10/22	06:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/10/22	06:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/10/22	06:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/10/22	06:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/10/22	06:12:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13
2025/10/22	06:12:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/10/22	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/10/22	06:27:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/22	06:27:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/22	06:27:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/10/22	06:27:36.0	XRT_PREFLR_STRT_404_OG [0x194]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/10/22	06:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/10/22	06:54:00.5	XRT_Custom_430_OG [0x1ae]			
2025/10/22	06:55:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/10/22	08:07:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/22	08:07:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/22	08:07:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/10/22	08:07:36.0	XRT_PREFLR_STRT_404_OG [0x194]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/10/22	08:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/10/22	08:31:00.0	XRT_Custom_430_OG [0x1ae]			
2025/10/22	08:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/10/22	09:46:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/22	09:46:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/10/22	09:46:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/10/22	09:46:36.0	XRT_PREFLR_STRT_404_OG [0x194]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/10/22	09:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/10/22	10:07:00.0	XRT_Custom_430_OG [0x1ae]			
2025/10/22	10:08:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			

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2025/10/22	11:28:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/10/22	11:28:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/22	11:28:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/22	11:28:06.0	XRT_PREFLR_STRT_404_OG [0x194]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/10/22	11:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/10/22	11:36:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/10/22	11:37:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2025/10/22	11:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/10/22	11:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/22	11:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/22	12:00:00.0	AOCS_ORe-point_Start_16_OG [0x0a6]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2025/10/22	12:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 b3 bf 01 f3	
2025/10/22	12:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2025/10/22	12:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2025/10/22	12:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2025/10/22	12:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/10/22	12:02:56.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/10/22	12:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03	
2025/10/22	12:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e	
2025/10/22	15:16:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/10/22	15:16:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/22	15:16:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/22	15:16:06.0	XRT_PREFLR_STRT_404_OG [0x194]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/10/22	15:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/10/22	15:22:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/10/22	15:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2025/10/22	15:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/10/22	15:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/22	15:29:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/22	15:30:00.0	AOCS_ORe-point_Start_17_OG [0x0a7]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2025/10/22	15:30:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	01 03 be 01 f3	
2025/10/22	15:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2025/10/22	15:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2025/10/22	15:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2025/10/22	15:30:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/10/22	15:32:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/10/22	15:32:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13	
2025/10/22	15:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e	
2025/10/22	16:48:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/10/22	16:48:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/22	16:48:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/22	16:48:36.0	XRT_PREFLR_STRT_404_OG [0x194]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/10/22	16:51:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/10/22	17:12:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/10/22	17:13:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2025/10/22	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/10/22	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/10/22	17:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	

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2025/10/22	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
2025/10/22	18:00:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS		1	07-F0	d9			
2025/10/22	18:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS		1	07-F0	c9			
2025/10/22	18:00:22.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS		1	07-F0	d5			
2025/10/22	18:02:58.0	XRT_QT_PROG_SET_429_OG [0x1ad]							
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	06		
2025/10/22	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO		1	07-F0	c0			
2025/10/22	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU		1	07-F0	c1			
2025/10/22	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU		1	07-F0	c1			
2025/10/22	18:09:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]							
		XRT_FOCUS_POSITION		4	07-F8	22	fe	97	00
2025/10/22	18:10:00.0	AOCS_ORe-point_Start_17_OG [0x0a7]							
		AOCU_NM		5	02-76	01	03	be	01
2025/10/22	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA		1	07-F0	d8			
2025/10/22	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA		1	07-F0	c8			
2025/10/22	18:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET		1	07-F0	d0			
2025/10/22	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS		1	07-F0	d5			
2025/10/22	18:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET		1	07-F0	da			
2025/10/22	18:12:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]							
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	13		
2025/10/22	18:12:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET		2	07-F0	c5	0e		
2025/10/22	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO		1	07-F0	c0			
2025/10/22	18:24:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU		1	07-F0	c1			
2025/10/22	18:24:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU		1	07-F0	c1			
2025/10/22	18:24:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET		1	07-F0	da			
2025/10/22	18:24:36.0	XRT_PREFLR_STRT_404_OG [0x194]							
		MDP_XRT_PREFLR_STRT		1	07-F0	e8			
2025/10/22	18:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP		1	07-F0	e9			
2025/10/22	18:48:00.0	XRT_Custom_430_OG [0x1ae]							
2025/10/22	18:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO		1	07-F0	c0			
2025/10/22	20:01:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU		1	07-F0	c1			
2025/10/22	20:01:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU		1	07-F0	c1			
2025/10/22	20:01:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET		1	07-F0	da			
2025/10/22	20:01:36.0	XRT_PREFLR_STRT_404_OG [0x194]							
		MDP_XRT_PREFLR_STRT		1	07-F0	e8			
2025/10/22	20:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP		1	07-F0	e9			
2025/10/22	20:24:30.5	XRT_Custom_430_OG [0x1ae]							
2025/10/22	20:25:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO		1	07-F0	c0			
2025/10/22	21:38:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU		1	07-F0	c1			
2025/10/22	21:38:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU		1	07-F0	c1			
2025/10/22	21:38:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET		1	07-F0	da			
2025/10/22	21:38:36.0	XRT_PREFLR_STRT_404_OG [0x194]							
		MDP_XRT_PREFLR_STRT		1	07-F0	e8			
2025/10/22	21:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP		1	07-F0	e9			
2025/10/22	22:02:00.0	XRT_Custom_430_OG [0x1ae]							
2025/10/22	22:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO		1	07-F0	c0			
2025/10/22	23:15:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU		1	07-F0	c1			
2025/10/22	23:15:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU		1	07-F0	c1			
2025/10/22	23:15:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET		1	07-F0	da			
2025/10/22	23:15:36.0	XRT_PREFLR_STRT_404_OG [0x194]							
		MDP_XRT_PREFLR_STRT		1	07-F0	e8			
2025/10/22	23:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP		1	07-F0	e9			
2025/10/22	23:37:00.0	XRT_Custom_430_OG [0x1ae]							
2025/10/22	23:38:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO		1	07-F0	c0			
2025/10/23	00:52:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU		1	07-F0	c1			
2025/10/23	00:52:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU		1	07-F0	c1			

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2025/10/23	00:52:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/10/23	00:52:36.0	XRT_PREFLR_STRT_404_OG [0x194]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/10/23	00:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/10/23	01:02:30.0	XRT_Custom_430_OG [0x1ae]							
2025/10/23	01:03:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/10/23	02:18:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/10/23	02:18:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/10/23	02:18:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/10/23	02:18:06.0	XRT_PREFLR_STRT_404_OG [0x194]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/10/23	02:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/10/23	02:35:00.0	XRT_Custom_430_OG [0x1ae]							
2025/10/23	02:36:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/10/23	03:51:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/10/23	03:51:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/10/23	03:51:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/10/23	03:51:06.0	XRT_PREFLR_STRT_404_OG [0x194]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/10/23	03:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/10/23	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/10/23	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/10/23	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2025/10/23	04:00:00.0	AOCs_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2025/10/23	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2025/10/23	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2025/10/23	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2025/10/23	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/10/23	04:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/10/23	04:02:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04				
2025/10/23	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2025/10/23	04:11:30.0	XRT_Custom_430_OG [0x1ae]							
2025/10/23	04:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/10/23	05:20:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/10/23	05:20:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/10/23	05:20:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/10/23	05:20:06.0	XRT_PREFLR_STRT_404_OG [0x194]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/10/23	05:23:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/10/23	05:49:00.0	XRT_Custom_430_OG [0x1ae]							
2025/10/23	05:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/10/23	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/10/23	05:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/10/23	05:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2025/10/23	06:00:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2025/10/23	06:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2025/10/23	06:00:22.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/10/23	06:02:58.0	XRT_QT_PROG_SET_429_OG [0x1ad]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06				
2025/10/23	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/10/23	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/10/23	06:09:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/10/23	06:09:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2025/10/23	06:10:00.0	AOCs_ORe-point_Start_17_OG [0x0a7]							

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2025/10/23	06:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	5	02-76 01 03 be 01 f3
		MDP_XRT_FLD_ENA	1	07-F0 d8
2025/10/23	06:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2025/10/23	06:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]		
		MDP_XRT_AEC_RESET	1	07-F0 d0
2025/10/23	06:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2025/10/23	06:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/10/23	06:12:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 13
2025/10/23	06:12:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0e
2025/10/23	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/10/23	07:00:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/10/23	07:00:02.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/10/23	07:00:04.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/10/23	07:00:06.0	XRT_PREFLR_STRT_404_OG [0x194]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/10/23	07:03:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/10/23	07:26:00.0	XRT_Custom_430_OG [0x1ae]		
2025/10/23	07:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/10/23	08:40:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/10/23	08:40:02.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/10/23	08:40:04.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/10/23	08:40:06.0	XRT_PREFLR_STRT_404_OG [0x194]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/10/23	08:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/10/23	09:03:00.0	XRT_Custom_430_OG [0x1ae]		
2025/10/23	09:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/10/23	10:19:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/10/23	10:19:32.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/10/23	10:19:34.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/10/23	10:19:36.0	XRT_PREFLR_STRT_404_OG [0x194]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/10/23	10:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/10/23	10:55:00.0	AOCS_Ore-point_Start_3_OG [0x099]		
		AOCU_NM	5	02-76 00 00 00 00 00