

Period: 2025/06/10 11:48:00 - 2025/06/18 10:39:00

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XOB #1D06: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 4th Quadrant -All/mesh(2048ms) - 1x1, All/Poly(1443ms) - 2x2 - w leak image-1msCCD														
Term		Pointing (x, y)					Comment							
06/11 13:13:00 - 06/11 13:19:54		Fixed (-528.4, 528.4)					Post bakeout Q4							
PROG= 16		1-time(s)												
Subr= 1		1-time(s)					2.0sec							
Seqn= 14		1-time(s)					2.0sec							
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 512)	Q=90	0	0	2.0sec	
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 512)	Q=90	0	0	2.0sec	
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (1536, 512)	Q=98	0	0	2.0sec	
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (1536, 512)	Q=98	0	0	2.0sec	
Subr= 2		1-time(s)					120.0sec							

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

XOB #1D2F: Synoptic 8 Filter w/ Al-mesh(5/181/1443), Al-poly(12/256/2048), Thin-Be(45/1024/8192), Thick-Be(65536), Med-Al(512/8192/32768), Med-Be(256/

Term	Pointing (x, y)	Comment
06/11 13:23:00 - 06/11 13:29:54	Fixed (0.0, 0.0)	Post bakeout synoptics
06/11 18:00:30 - 06/11 18:07:24	Fixed (0.0, 0.0)	synoptic, shifted -2.5 min
06/12 05:27:30 - 06/12 05:34:24	Fixed (0.0, 0.0)	synoptic, shifted -2 hr, HOP349 & 448
06/12 18:16:00 - 06/12 18:22:54	Fixed (0.0, 0.0)	synoptic, shifted 13.0 min
06/13 06:00:00 - 06/13 06:06:54	Fixed (0.0, 0.0)	synoptic, shifted -2 hr, HOP 349 & HOP 448
06/13 17:55:30 - 06/13 18:02:24	Fixed (0.0, 0.0)	synoptic, shifted -7.5 min
06/14 06:14:00 - 06/14 06:20:54	Fixed (0.0, 0.0)	synoptic, shifted -2 hr, HOP 349 & HOP 448
06/14 17:59:30 - 06/14 18:06:24	Fixed (0.0, 0.0)	synoptic, shifted -3.5 min
06/15 05:26:30 - 06/15 05:33:24	Fixed (0.0, 0.0)	synoptic, shifted -2 hr, HOP 349 & HOP 448
06/15 18:15:00 - 06/15 18:21:54	Fixed (0.0, 0.0)	synoptic, shifted 12.0 min
06/16 05:59:00 - 06/16 06:05:54	Fixed (0.0, 0.0)	synoptic, shifted -2 hr, HOP 349 & HOP 448
06/16 17:54:00 - 06/16 18:00:54	Fixed (0.0, 0.0)	synoptic, shifted -9.0 min
06/17 06:13:00 - 06/17 06:19:54	Fixed (0.0, 0.0)	synoptic, shifted -2 hr, HOP 349 & HOP 448

PROG= 17 1-time(s)

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XOB #1BA9: 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
06/11 13:33:00 - 06/11 17:57:24	Track (361.9, -266.7) @ 06/11 13:30:00	(End of synoptic), Track AR 14105
06/11 18:10:35 - 06/12 03:59:54	Track (381.6, -335.8) @ 06/11 18:07:30	Track AR 14105
06/12 05:37:30 - 06/12 17:35:00	Track (469.0, -335.9) @ 06/12 05:34:30	Track AR 14105

PROG= 18 Inf.-time(s)

└		Subr= 1		1-time(s)	2.0sec										
└	└		Seqn= 92		1-time(s)	2.0sec									
	└		Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
	└		Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
└	└		Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
	└		Subr= 2		5-time(s)	2.0sec									
	└		Seqn= 47		1-time(s)	2.0sec									
└	└		Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
	└		Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec

thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Seqn= 96 8-time(s) 30.0sec												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1D37: HOP349 - 3-filter Synoptics (Al-mesh[8/181/2897], Al-poly[16/362/4096], thin-Be[45/1024/8192] with 512x512 G-band+Leak(1064,1048) - 120 min

Term	Pointing (x, y)	Comment
06/12 04:03:00 - 06/12 05:24:24	Fixed (0.0, 0.0)	synoptic, shifted - 2hr, HOP349 & 448
06/13 04:03:00 - 06/13 05:56:54	Fixed (0.0, 0.0)	synoptic, shifted -2 hr, HOP 349 & HOP 448
06/14 04:28:00 - 06/14 05:16:30	Fixed (0.0, 0.0)	synoptic, shifted -2 hr, HOP 349 & HOP 448
06/15 04:03:00 - 06/15 05:23:24	Fixed (0.0, 0.0)	synoptic, shifted -2 hr, HOP 349 & HOP 448
06/16 04:03:00 - 06/16 05:55:54	Fixed (0.0, 0.0)	synoptic, shifted -2 hr, HOP 349 & HOP 448
06/17 04:27:00 - 06/17 05:15:30	Fixed (0.0, 0.0)	synoptic, shifted -2 hr, HOP 349 & HOP 448

PROG= 09 Inf.-time(s)

Subr= 1 1-time(s) 300.0sec												
Seqn=100 1-time(s) 2.0sec												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	8ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 78 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	354ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 19 1-time(s) 2.0sec												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	44ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 81 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1064, 1048)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1064, 1048)	Q=95	0	0	2.0sec
Subr= 2 12-time(s) 600.0sec												
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
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 #1B89: 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
06/12 18:26:00 - 06/13 03:16:30	Track (559.6, -335.9) @ 06/12 18:23:00	Track AR 14105

PROG= 15 Inf.-time(s)

Subr= 1 1-time(s) 2.0sec												
Seqn= 92 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
Subr= 2 5-time(s) 2.0sec												
Seqn= 47 1-time(s) 2.0sec												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Seqn= 96 4-time(s) 60.0sec												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1B96: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 360s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
06/13 06:10:00 - 06/13 17:52:24	Track (634.9, -335.5) @ 06/13 06:07:00	Track AR 14105
06/13 18:46:00 - 06/13 23:02:00	Track (703.0, -334.9) @ 06/13 18:02:30	Track AR 14105
06/14 03:03:00 - 06/14 03:47:30	Track (748.0, -334.2) @ 06/14 03:00:00	Track AR 14105

XOB #1CDE: HOP393/336 - 4x4 - Full Sun double long/short pair AEC 2/3 - Al-poly - Dark (512ms) - G-band (1x1,512x512,1ms) - Leak																	
Term				Pointing (x, y)				Comment									
06/13 23:38:00 - 06/14 02:59:54				Track (-20.8, -83.7) @ 06/13 23:35:00				HOP393									
PROG= 05 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	1024x1024 (1536, 1536)				Q=90	0	0	2.0sec
└ Open/G-band		Open/G-band		close	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 1536)				Q=95	0	0	2.0sec
Seqn= 52		1-time(s)		2.0sec													
└ Al-poly/Open		Al-poly/Open		close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)				DPCM	0	0	2.0sec
Subr= 2		30-time(s)		720.0sec													
Seqn= 97		2-time(s)		2.0sec													
└ Al-poly/Open		med-Be/Open		close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)				Q=98	3	0	2.0sec
└ Al-poly/Open		med-Be/Open		close	Safe	Norm	500ms	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

* * * * *		Flare mode		* * * * *	
XOB #1D35: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Be/thick), AEC 3, 384x384 + context (med-Al,thick-Be -384x384 + Al-384x384)					
Term		Pointing (x, y)		Comment	
06/11 13:33:00 - 06/11 17:57:24	Track (361.9, -266.7)	@ 06/11 13:30:00	(End of synoptic), Track AR 14105		
06/11 18:10:35 - 06/12 03:59:54	Track (381.6, -335.8)	@ 06/11 18:07:30	Track AR 14105		
06/12 04:03:00 - 06/12 05:24:24	Fixed (0.0, 0.0)		synoptic, shifted -2 hr, HOP349 & 448		
06/12 05:37:30 - 06/12 17:35:00	Track (469.0, -335.9)	@ 06/12 05:34:30	Track AR 14105		
06/12 18:26:00 - 06/13 03:16:30	Track (559.6, -335.9)	@ 06/12 18:23:00	Track AR 14105		
06/13 04:03:00 - 06/13 05:56:54	Fixed (0.0, 0.0)		synoptic, shifted -2 hr, HOP 349 & HOP 448		
06/13 06:10:00 - 06/13 17:52:24	Track (634.9, -335.5)	@ 06/13 06:07:00	Track AR 14105		
06/13 18:46:00 - 06/13 23:02:00	Track (703.0, -334.9)	@ 06/13 18:02:30	Track AR 14105		
06/13 23:38:00 - 06/14 02:59:54	Track (-20.8, -83.7)	@ 06/13 23:35:00	HOP393		
06/14 03:03:00 - 06/14 03:47:30	Track (748.0, -334.2)	@ 06/14 03:00:00	Track AR 14105		
06/14 04:28:00 - 06/14 05:16:30	Fixed (0.0, 0.0)		synoptic, shifted -2 hr, HOP 349 & HOP 448		
06/14 06:24:00 - 06/14 17:56:24	Track (763.3, -333.9)	@ 06/14 06:21:00	Track AR 14105		
06/14 18:09:30 - 06/15 03:59:54	Track (810.8, -332.7)	@ 06/14 18:06:30	Track AR 14105		
06/15 04:03:00 - 06/15 05:23:24	Fixed (0.0, 0.0)		synoptic, shifted -2 hr, HOP 349 & HOP 448		
06/15 05:36:30 - 06/15 17:34:00	Track (846.8, -331.2)	@ 06/15 05:33:30	Track AR 14105		
06/15 18:25:00 - 06/16 03:15:00	Track (874.8, -329.3)	@ 06/15 18:22:00	Track AR 14105		
06/16 04:03:00 - 06/16 05:55:54	Fixed (0.0, 0.0)		synoptic, shifted -2 hr, HOP 349 & HOP 448		
06/16 06:09:00 - 06/16 17:50:54	Fixed (888.6, -327.3)		AR 14105 (fixed pointing)		
06/16 18:45:00 - 06/17 03:46:30	Fixed (888.6, -327.3)		AR 14105 (fixed pointing)		
06/17 04:27:00 - 06/17 05:15:30	Fixed (0.0, 0.0)		synoptic, shifted -2 hr, HOP 349 & HOP 448		

✱ ✱ ✱ ✱ ✱ **Flare mode** ✱ ✱ ✱ ✱ ✱

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

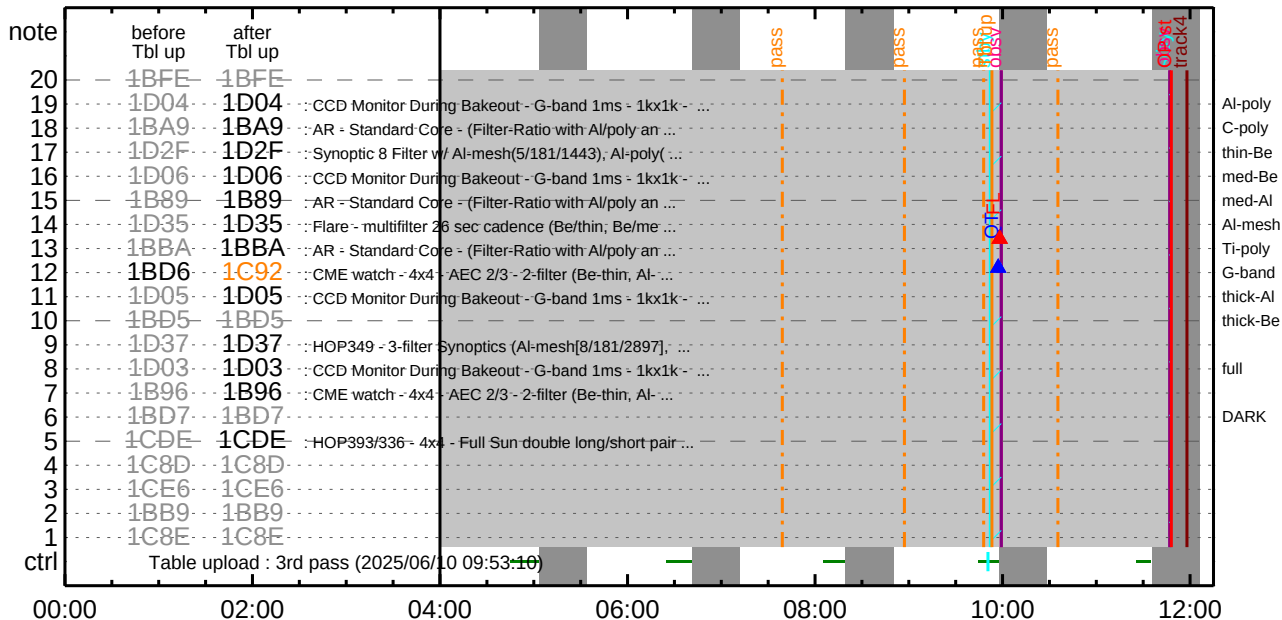
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Flare Detection

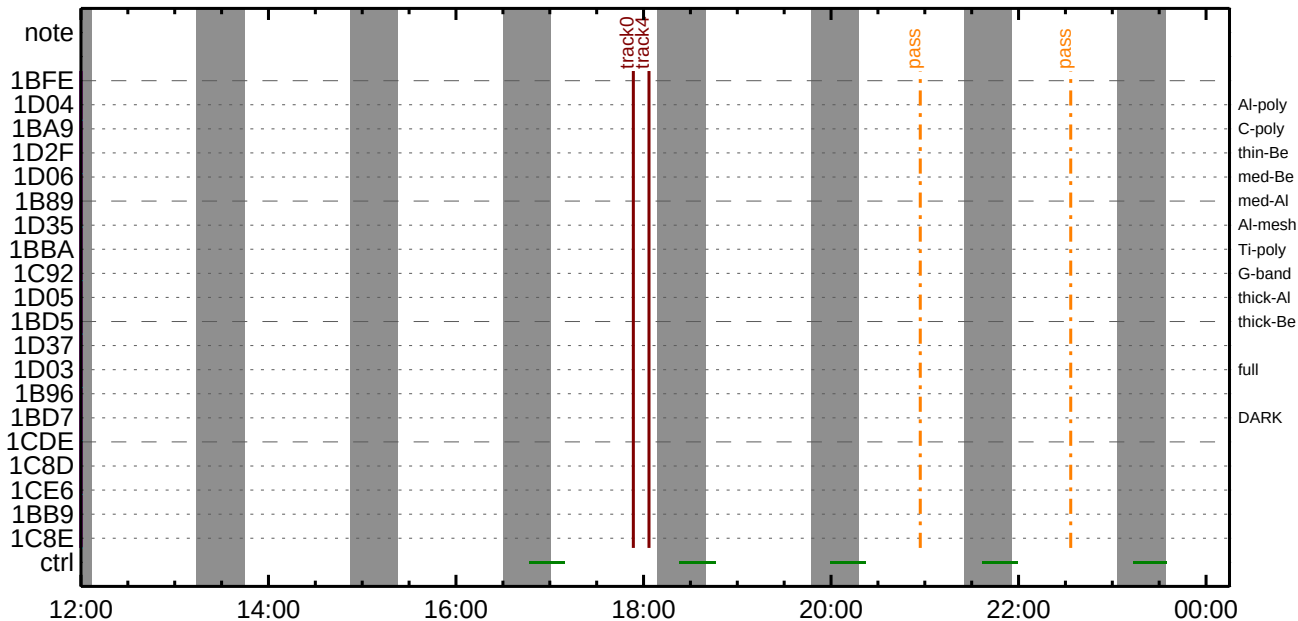
* * * * *

FLD Patrol												
Term			Pointing (x, y)					Comment				
06/10 09:54:10 - 06/11 12:44:22			cannot be identified									
06/11 13:30:18 - 06/11 17:57:48			Track (361.9, -266.7) @ 06/11 13:30:00					(End of synoptic), Track AR 14105				
06/11 18:07:53 - 06/12 05:24:48			Track (381.6, -335.8) @ 06/11 18:07:30					Track AR 14105				
06/12 05:34:48 - 06/12 18:13:18			Track (469.0, -335.9) @ 06/12 05:34:30					Track AR 14105				
06/12 18:23:18 - 06/13 05:57:18			Track (559.6, -335.9) @ 06/12 18:23:00					Track AR 14105				
06/13 06:07:16 - 06/13 17:52:48			Track (634.9, -335.5) @ 06/13 06:07:00					Track AR 14105				
06/13 18:02:46 - 06/14 06:11:18			Track (703.0, -334.9) @ 06/13 18:02:30					Track AR 14105				
06/14 06:21:16 - 06/14 17:56:48			Track (763.3, -333.9) @ 06/14 06:21:00					Track AR 14105				
06/14 18:06:46 - 06/15 05:23:48			Track (810.8, -332.7) @ 06/14 18:06:30					Track AR 14105				
06/15 05:33:46 - 06/15 18:12:18			Track (846.8, -331.2) @ 06/15 05:33:30					Track AR 14105				
06/15 18:22:16 - 06/16 05:56:18			Track (874.8, -329.3) @ 06/15 18:22:00					Track AR 14105				
06/16 06:06:16 - 06/16 17:51:18			Fixed (888.6, -327.3)					AR 14105 (fixed pointing)				
06/16 18:01:16 - 06/17 06:10:18			Fixed (888.6, -327.3)					AR 14105 (fixed pointing)				
06/17 06:20:16 - 06/18 10:39:00			Fixed (888.6, -327.3)					AR 14105 (fixed pointing)				
Al-poly/Open		Al-poly/Open	close	Safe	Norm	4ms	Obs	8x8	Q=50		30sec	
Default Filter		Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer Interval

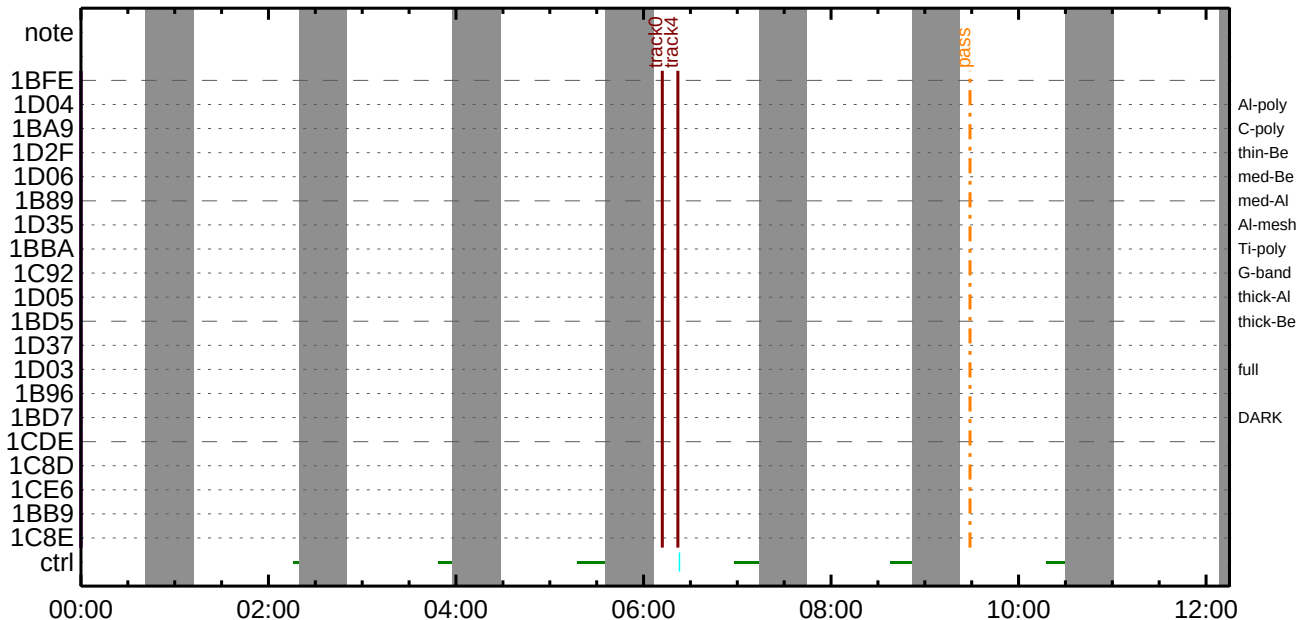
CMDI #0639 2025/06/10



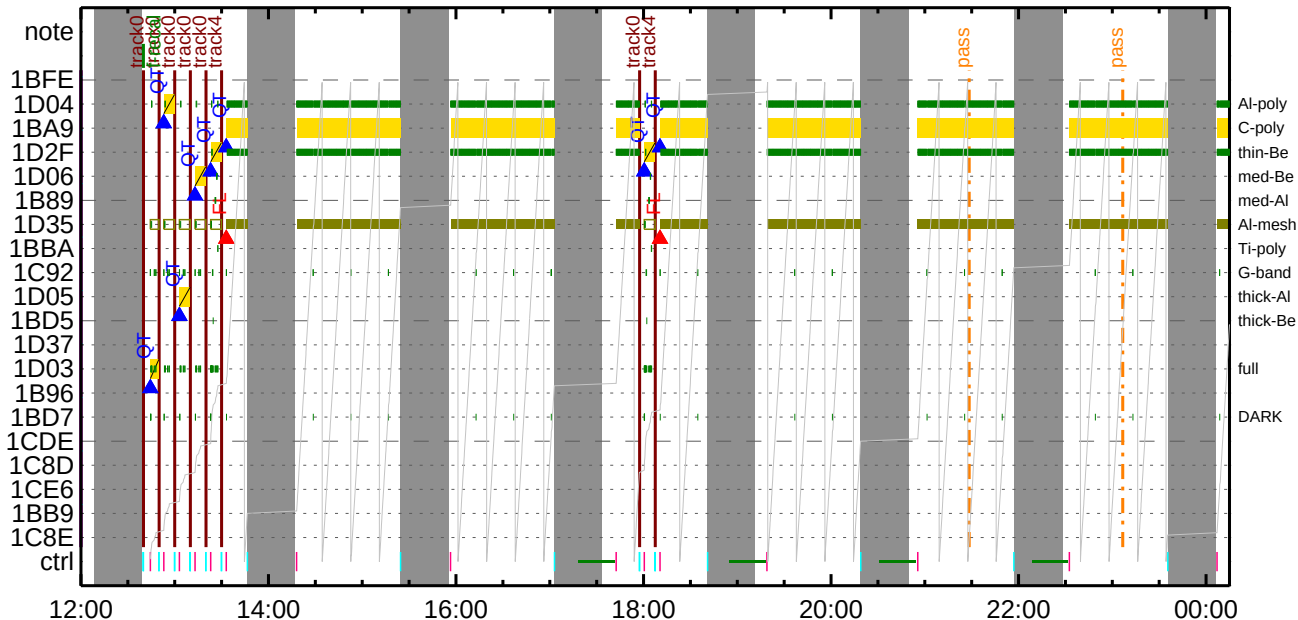
CMDI #0639 2025/06/10



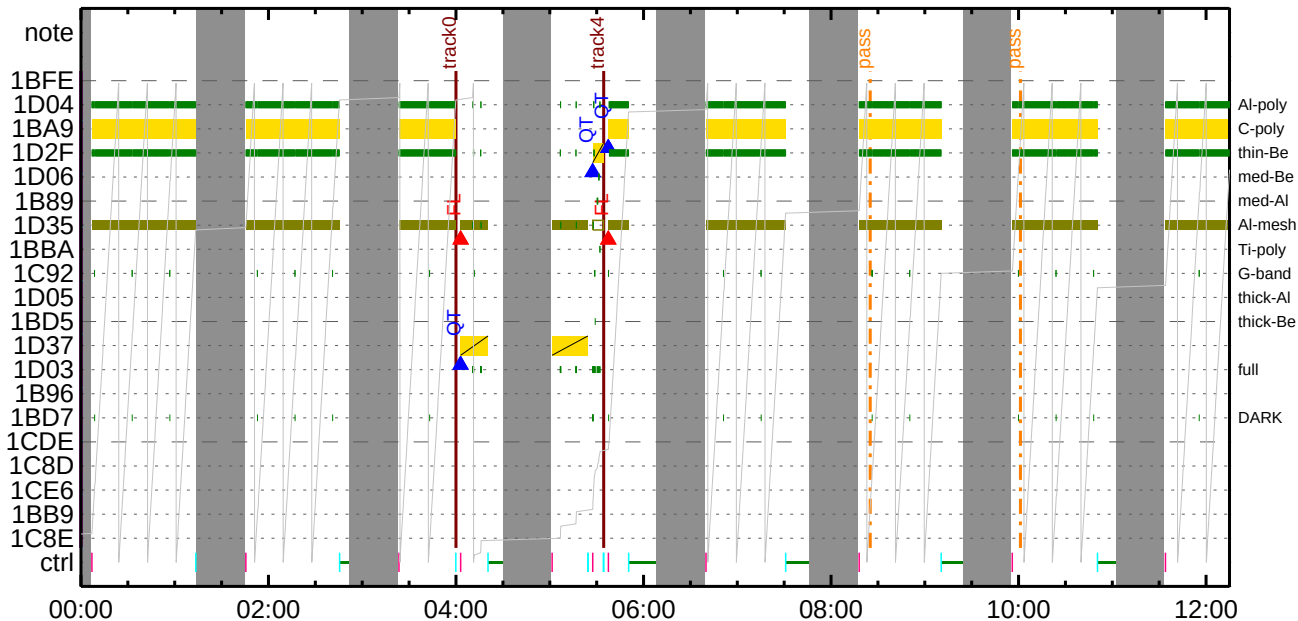
CMDI #0639 2025/06/11



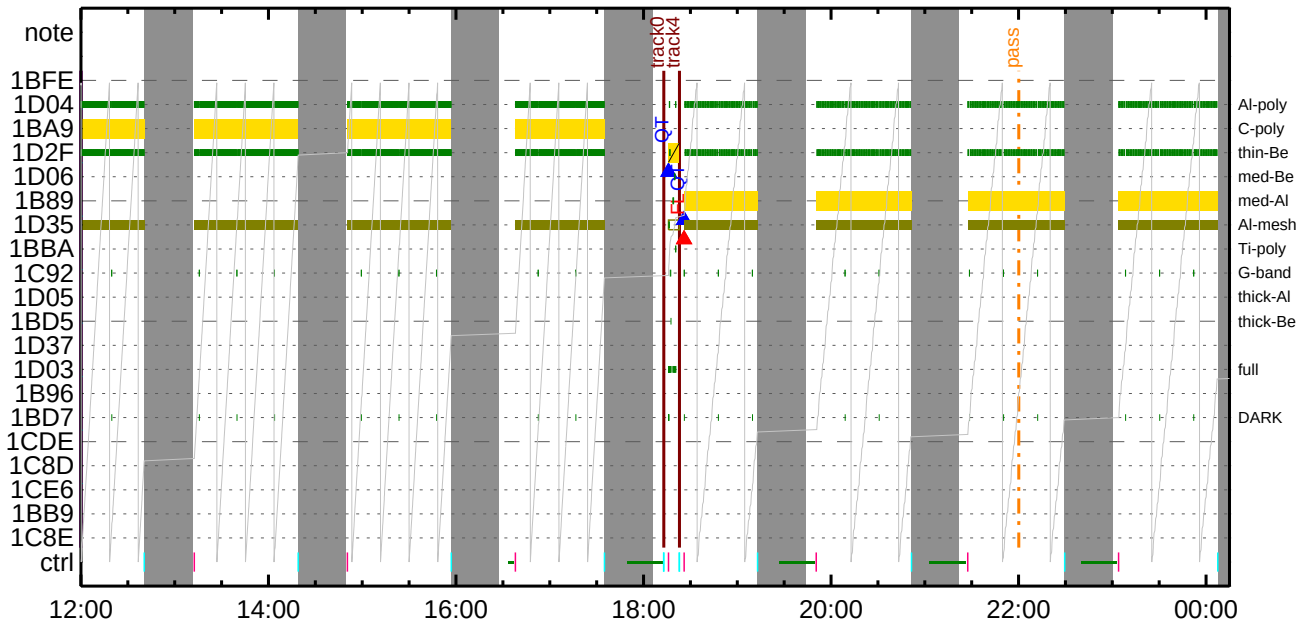
CMDI #0639 2025/06/11



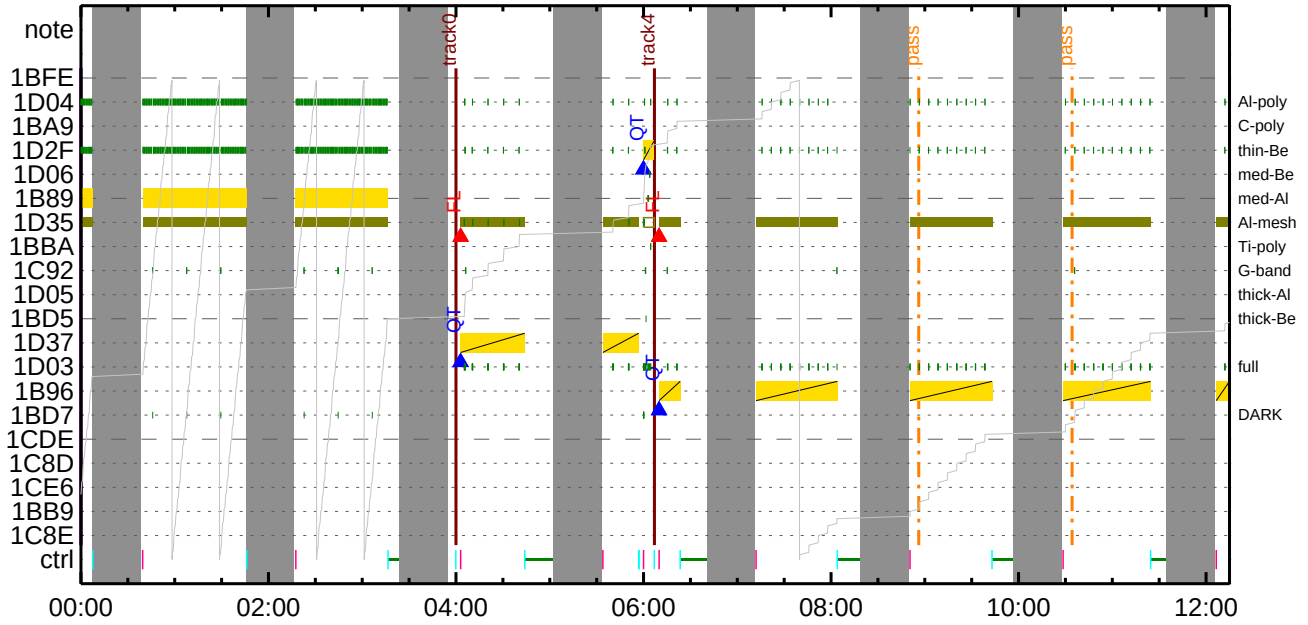
CMDI #0639 2025/06/12



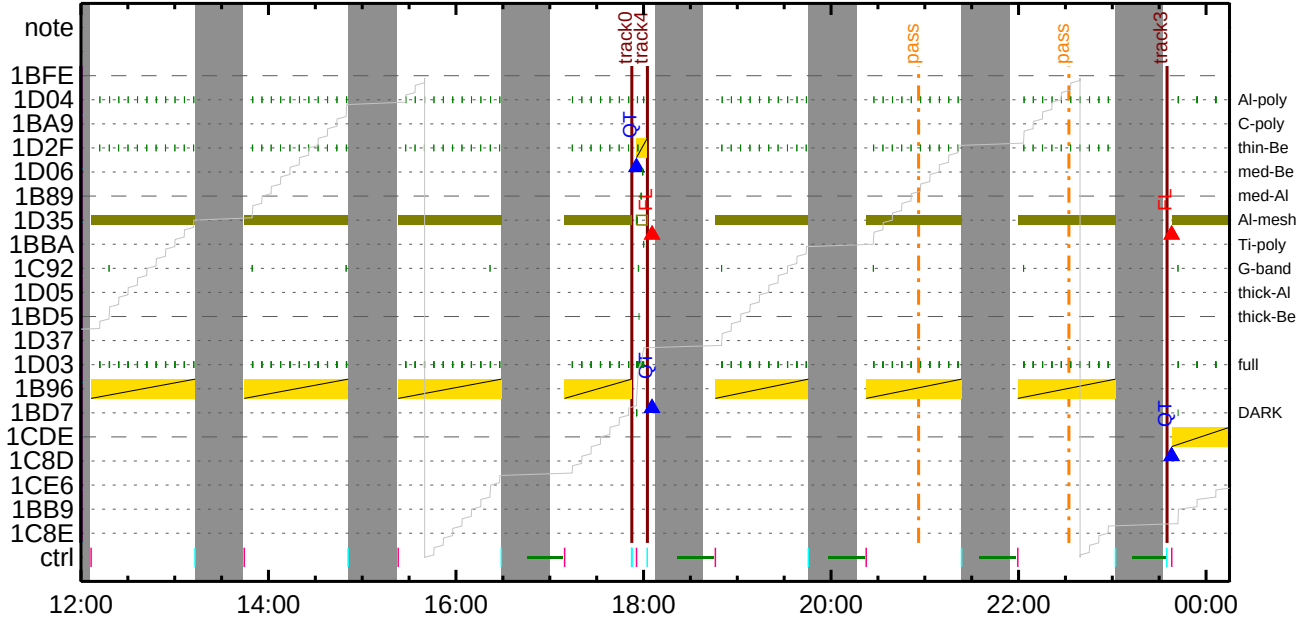
CMDI #0639 2025/06/12



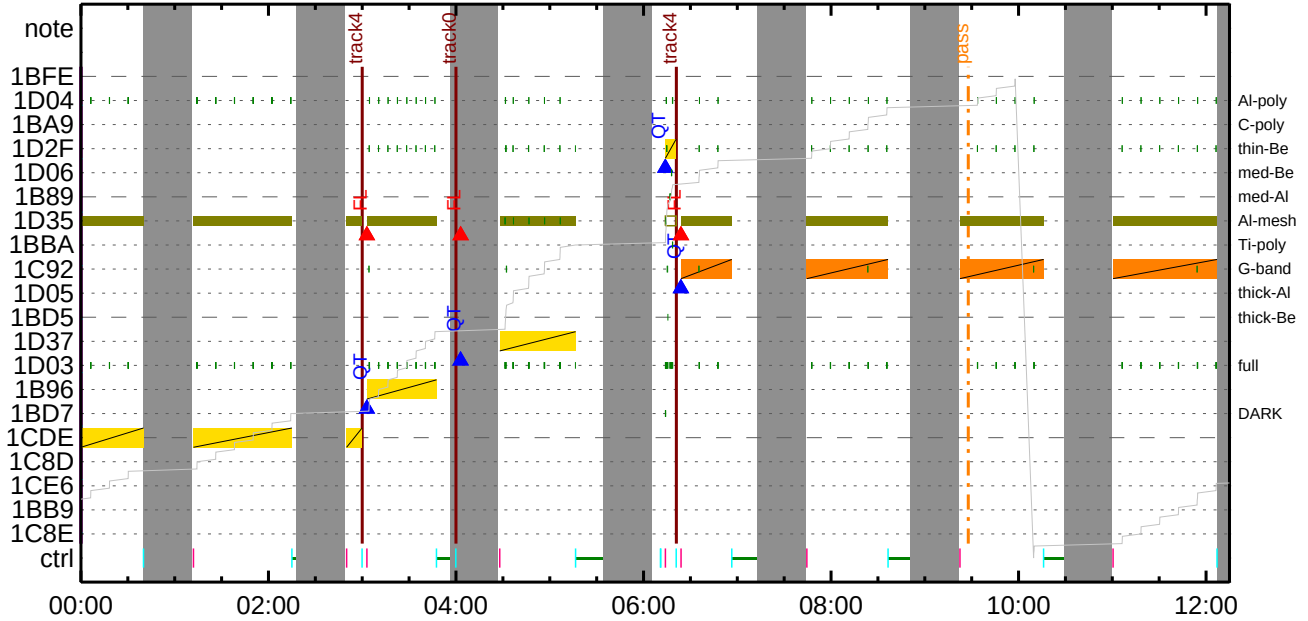
CMDI #0639 2025/06/13



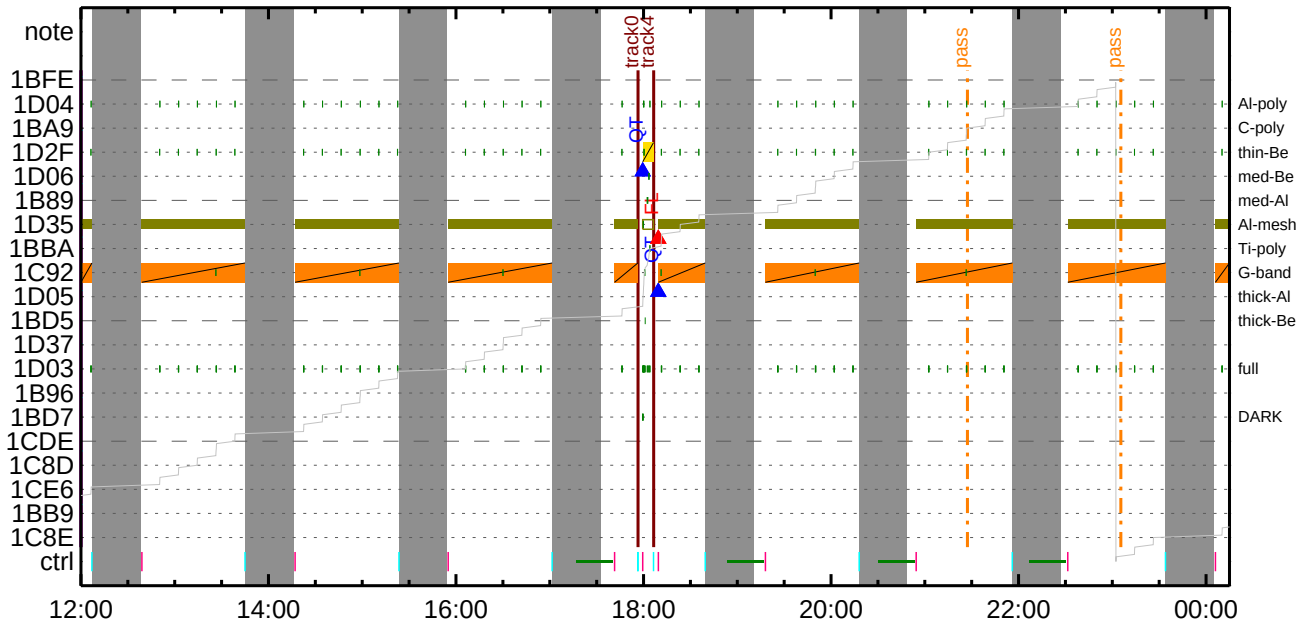
CMDI #0639 2025/06/13



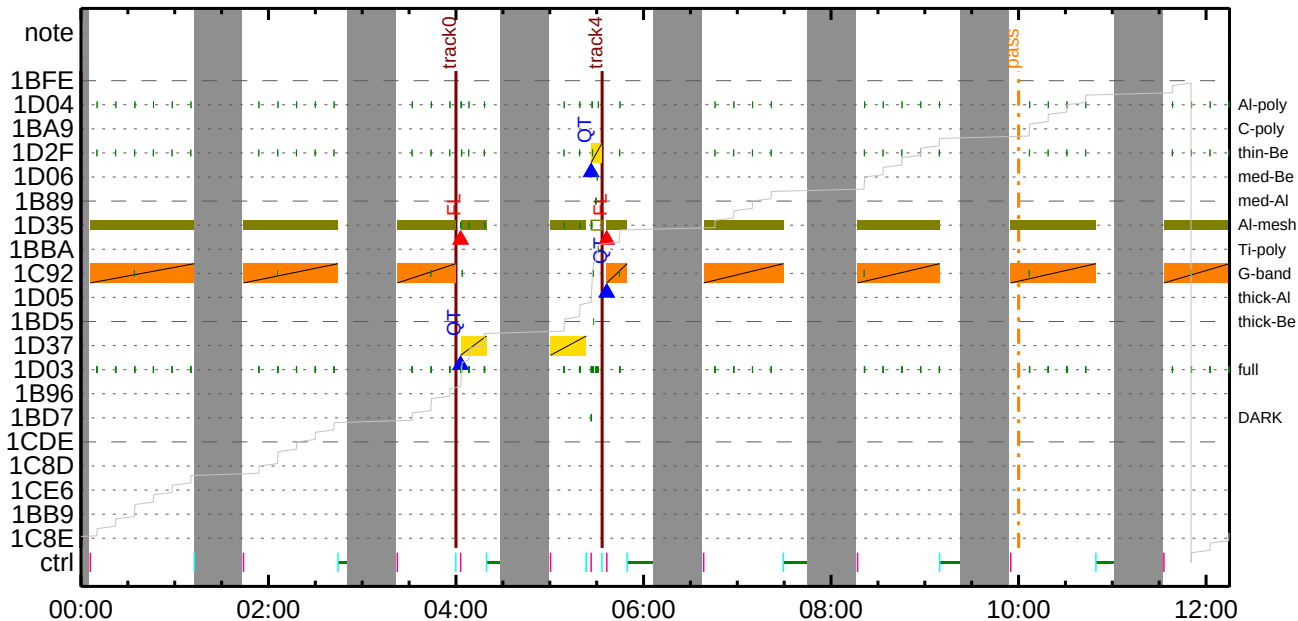
CMDI #0639 2025/06/14



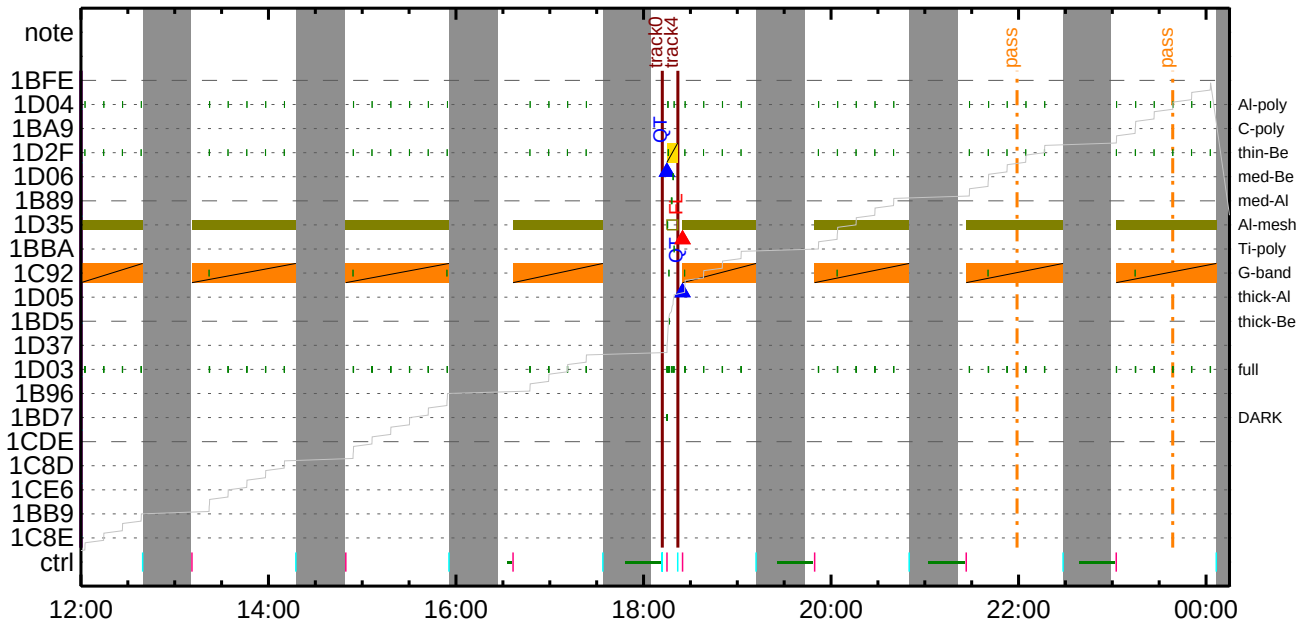
CMDI #0639 2025/06/14



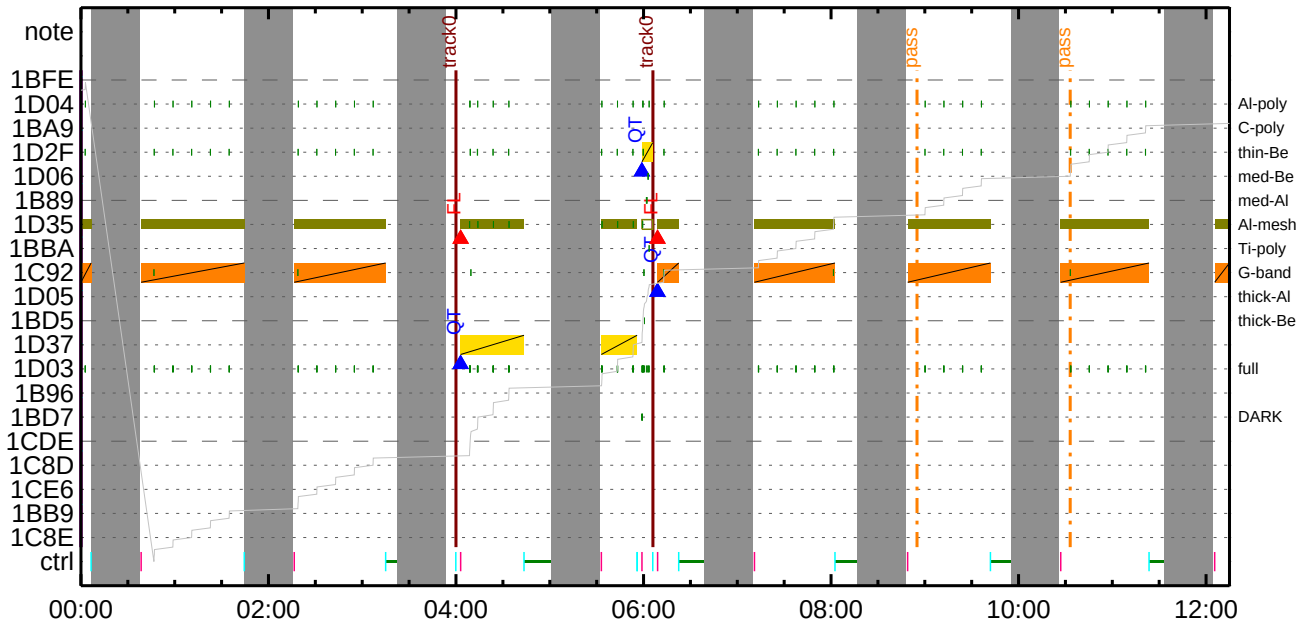
CMDI #0639 2025/06/15



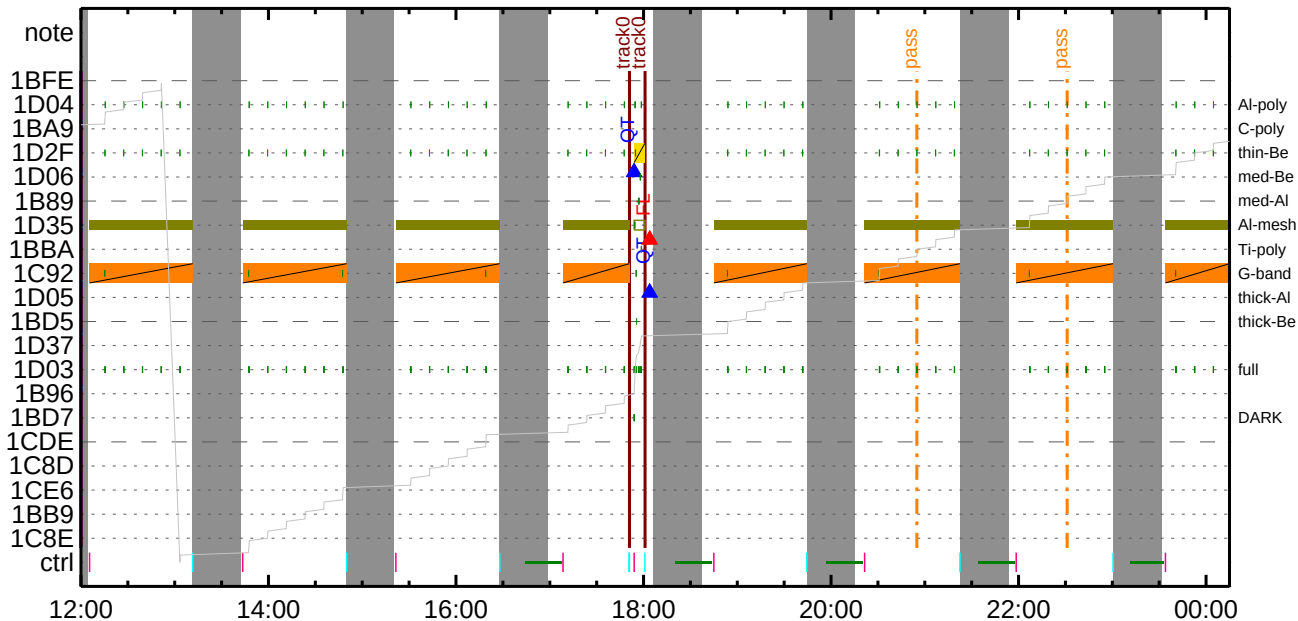
CMDI #0639 2025/06/15



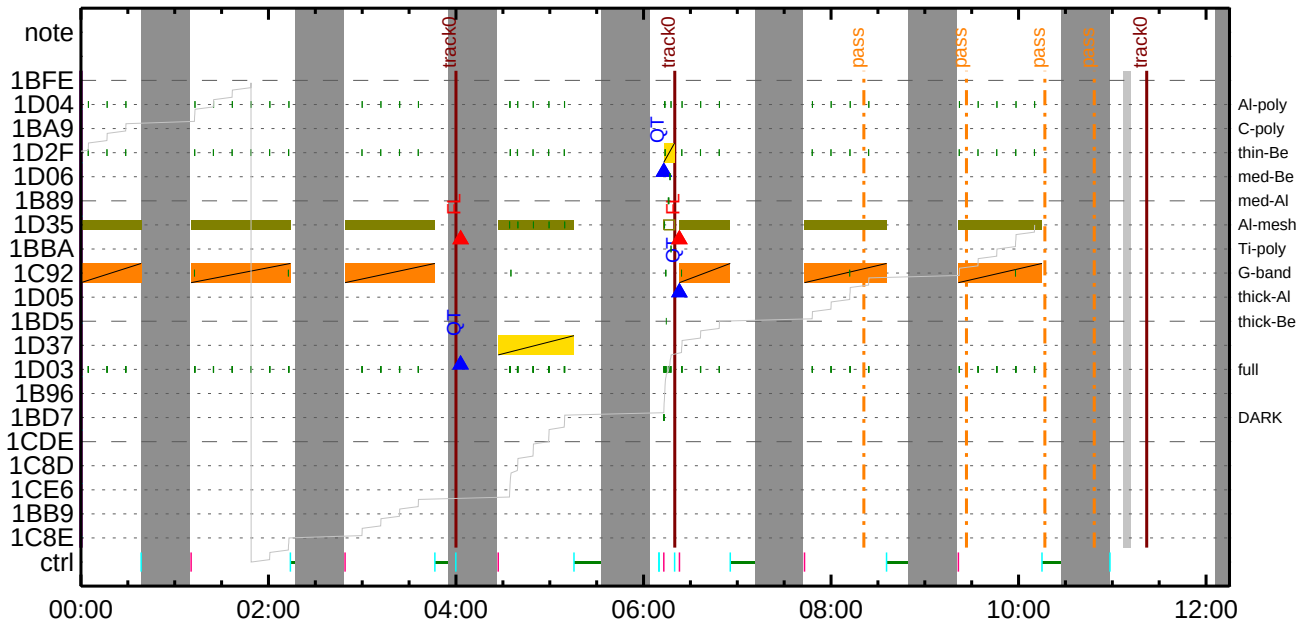
CMDI #0639 2025/06/16



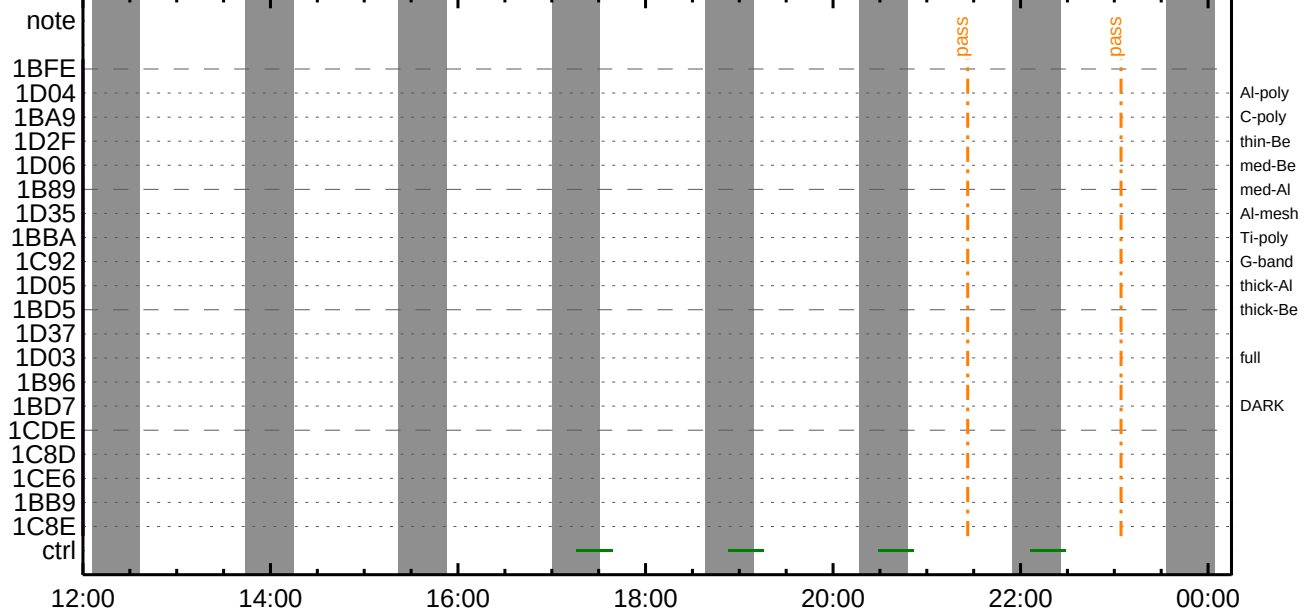
CMDI #0639 2025/06/16



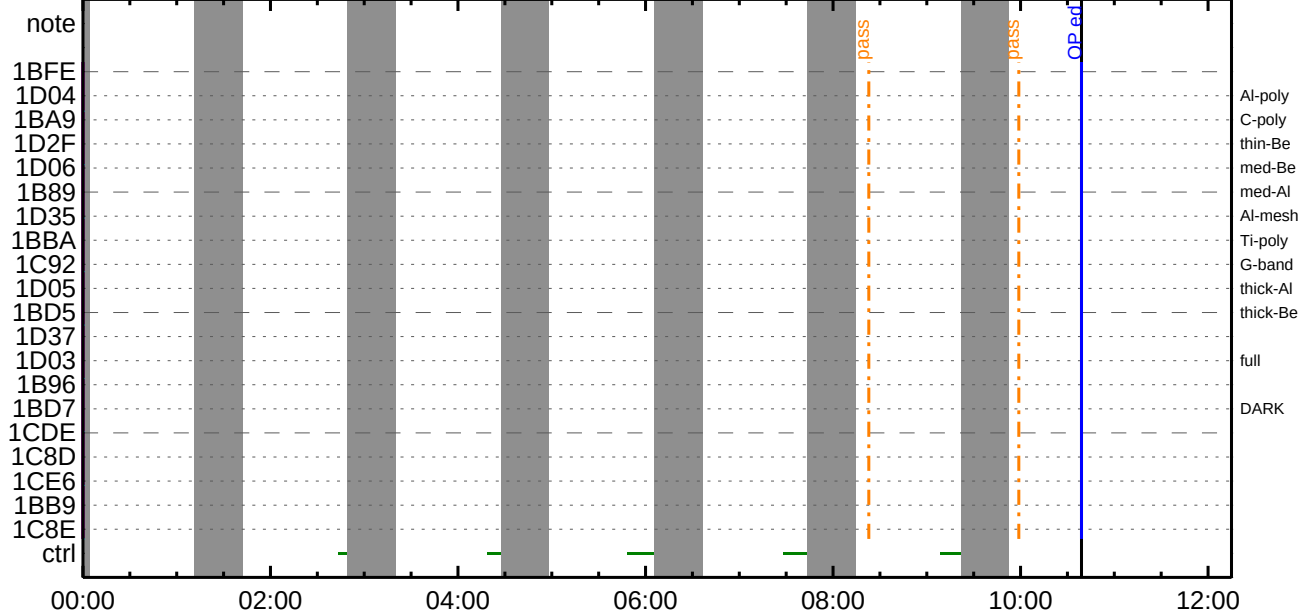
CMDI #0639 2025/06/17



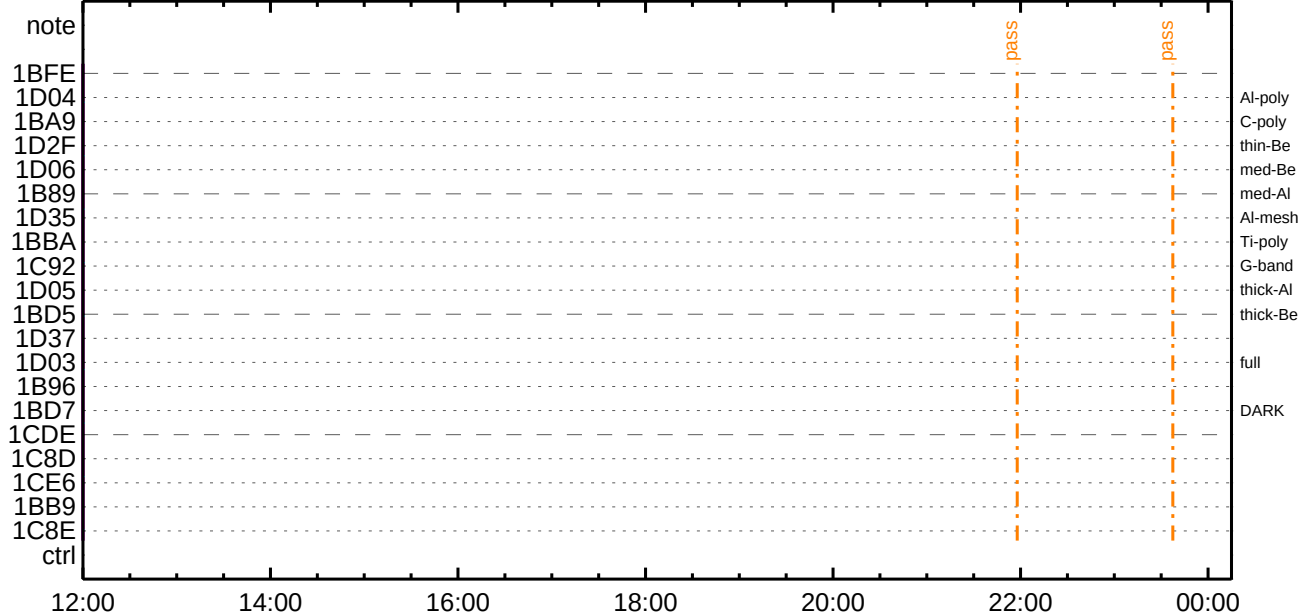
CMDI #0639 2025/06/17



CMDI #0639 2025/06/18



CMDI #0639 2025/06/18



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main-327 2025-06-10 12:37:12 194 33 SOLAR-B MAIN //
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main-327 2025-06-10 12:37:12 194 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŲÁŲ$ŲĂŲ~¼Ä»Ü;ä
0005 C.
0006 C. ŲĂŲß;¼Ų³ŲPŲóŲĒÄ÷ç®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Āĩ;ĒñçĀñ•µ°Ē»Ī×ĀÇñĪŲçŲĂŲ×Ųĩ;¼ŲĒ;ĒĒèñµ•ĩĪĒ;ĒñĒ¼°ÇŌñ•ñç¼ĩ¹çñĪ;çĀ®, ùñ¹ñĒñPñÇĀ÷ç®ñ•ñĒñññ³ñĒ;Ē
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. OP/OGŲĩ;¼ŲĒ;|ŲĂŲóŲ×
0016 C. *****
0017 C.
0018 . C. ;ãOP/OGŲĩ;¼ŲĒ;ä
0019 . S. OP op-327:OP
0020 ()
0021 . S. OG og-327:OG
0022 ()
0023 C.
0024 . C. ;ãNMOG&OPĪĪ°èŲĂŲóŲ×;ä
0025 C. NMOG(0x200000-0x207FFF;$ 32 kbyte)
0026 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0027 BC (20 00 7f 01 02)
0028 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0029 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0030 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0031 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0032 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0033 +. DC 01-22 DHU_MODE_CHNG
0034 BC (07 0b f8)
0035 C. çç[HK1_PKT_FORM_NO] EQ 7
0036 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0037 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0038 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0039 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0040 . C. ŲĂŲóŲ×½ªĪ»ñò³ĪÇ$
0041 C. çç[HK1_DMP_CHK_FLG] EQ NON
0042 . C. RAM ID=NMOGñĪ¼Ē¹ç•Ē²ĪOKñò³ĪÇ$
0043 C.
0044 C. NMOG(0x208000-0x20FFFF;$ 32 kbyte)
0045 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0046 BC (20 80 7f 01 02)
0047 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0048 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0049 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0050 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0051 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0052 +. DC 01-22 DHU_MODE_CHNG
0053 BC (07 0b f8)
0054 C. çç[HK1_PKT_FORM_NO] EQ 7
0055 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0056 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0057 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0058 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0059 . C. ŲĂŲóŲ×½ªĪ»ñò³ĪÇ$
0060 C. çç[HK1_DMP_CHK_FLG] EQ NON
0061 . C. RAM ID=NMOGñĪ¼Ē¹ç•Ē²ĪOKñò³ĪÇ$
0062 C.
0063 C. NMOG(0x210000-0x2100FF;$ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0064 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0065 BC (21 00 41 01 02)
0066 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0067 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0068 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0069 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0070 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0071 +. DC 01-22 DHU_MODE_CHNG
0072 BC (07 0b f8)
0073 C. çç[HK1_PKT_FORM_NO] EQ 7
0074 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0075 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0076 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0077 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0078 . C. ŲĂŲóŲ×½ªĪ»ñò³ĪÇ$
0079 C. çç[HK1_DMP_CHK_FLG] EQ NON
0080 . C. RAM ID=NMOG,RAM ID=OPñĪ¼Ē¹ç•Ē²ĪOKñò³ĪÇ$
0081 C.
0082 . C. ***** °Ē²¼ñĪ¼Ā'ĪĀ°ñĒĒĒñ°Ā÷ç® (¼Āµ-ŲĂŲóŲ×¼Ē½çñòĀŌĀñç¼ªñ°ññ¼¹çñçñâ) *****
0083 C. DHUŲä;¼ŲĒ;Ēñ¼Ų½,Ųĩ;¼ŲĒ;ĒñòĪäñ¹
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 UPLOADñĀ÷ç®NGñĪ¼¹ç;ç°Ē²¼ñĪTI-CMDĀ÷ç®ñĪ¼ĀĪŌñ•ñĒñññ³ñĒ;Ē

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0096	C.	SET EDUMP			
0097	C.				
0098	C.	TI 2025-06-10 11:43:00.0			
0099	+	TI 2025-06-10 11:43:00.0			
0100	DC	01-B3 DHU_OP_STOP			
0101	C.	[HK1_TI_CMD_NUM]	EQ	1	COUNTUP
0102	C.				
0103	+	TI 2025-06-10 11:43:01.0			
0104	DC	01-B4 DHU_OP_COPY			
0105	C.	[HK1_TI_CMD_NUM]	EQ	1	COUNTUP
0106	C.				
0107	+	TI 2025-06-10 11:43:01.0			
0108	DC	01-B5 DHU_OPOG_COPY			
0109	C.	[HK1_TI_CMD_NUM]	EQ	1	COUNTUP
0110	C.				
0111	+	TI 2025-06-10 11:47:59.5			
0112	DC	01-B2 DHU_OP_START			
0113	C.	[HK1_TI_CMD_NUM]	EQ	1	COUNTUP
0114	C.				
0115	C.				
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.	TI 2025-06-10 11:47:59.5			
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.				
0142	C.	[HK1_DMP_CHK_FLG]	EQ		NON
0143	C.				
0144	C.	RAM ID=TI_TBL			
0145	C.				
0146	C.	DHU			
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 2025-06-10 11:47:30.0			
0161	DC	07-FC EIS_MODE_MANU			
0162	BC	(21 02)			
0163	+	TI 2025-06-10 11:47:40.0			
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 2025-06-10 11:47:00.0			
0174	DC	07-F0 MDP_XRT_MODE_STBY			
0175	BC	(c3)			
0176	C.	[HK1_TI_CMD_NUM]	EQ	1	COUNTUP
0177	C.				
0178	C.	***** XRT END *****			
0179	C.				
0180	C.	***** MDP			
0181	C.				
0182	S.	DC-BC dcbc-402:DCBC			
0183		(MDP_known_event)			
0184	C.				
0185	C.				
0186	C.	***** Daily			
0187	S.	DC-BC dcbc-153:DCBC			
0188		(SPECIAL-CMD_DAILY			


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main-328 2025-06-10 12:37:12 178 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŴÁŸ$ŸÃŸ~¼Ä»Ü;ä
0005 C.
0006 C. ŸÄŸß;¼Ÿ³ŸÐŸóŸÉÄ÷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×ÅÇñÎŸÇŸ×Ÿí;¼ŸÉ;ËÈè²µ•íîÊ;ËÈÈ¼°ÇÖñ•ñç¼¹¹Çñİ;ÇÀ®,ùñ¹ñèñÞñÇÄ÷ç®ñ•ñÈñññ³ñÈ;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÁ÷ç®µ;ON
0016 C. *****
0017 C. °EÄ,Í×ÈÝñäLOSñÞñÇñÎ»Þ'Öòò¹íî,ñ•;ÇÉÔÍ×ñÈXÂÓONñİ¹ÔñÈñíñÈñññ³ñÈ;£
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. XŸÐŸóŸÉŸíŸÄŸŸ~¾ÔÄÖñ¬°ÄÄêñ•ñççé;Ç°Ê²¼ñî°EÄ,¼ê½Çñò¼Ä¹Ôñ¹ñè;£
0030 C.
0031 . C. *****
0032 C. DR PT1 Äî¼í°EÄ,
0033 C. *****
0034 C. ° RESTART;ÊPT1;Ëñ•ñçç¼¹¹Çñİ;Ç°Ê²¼ñî¼Ä¹Ôñ»ñ°;ÇDCBC-150ñØçÊñà;£
0035 C.
0036 . C. ;ãPT1°EÄ,³«»İ;ä
0037 +. DC 01-29 DHU_S/X_VC4_OFF
0038 + DC 06-C8 DR_PT1_REP_SEL
0039 BC (01 00)
0040 + DC 06-B3 DR_REP_START
0041 + DC 01-32 DHU_X_VC4_ON
0042 C. ÇÇ [HK1_REP_PT_1/2] EQ PT1 (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. ;ãŸÇŸóŸEŸEÄÚÂØ;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,ã;Ç°Ê²¼ñò¼Ä¹Ôñ¹ñè;£
0055 C. ŸÇŸóŸEŸEÄÚÂØñäÄ•Ä°²öÈòñ¬¼áñç¼¹¹Çñİ'°î»ñ¹ñèñÞñÇÄÔñÄ;£
0056 C.
0057 . C. *****
0058 C. DR PT2 Äî¼í°EÄ,
0059 C. *****
0060 C. ° RESTART;ÊPT2;Ëñ•ñçç¼¹¹Çñİ;Ç°Ê²¼ñî¼Ä¹Ôñ»ñ°;ÇDCBC-151ñØçÊñà;£
0061 C.
0062 . C. ;ãPT2°EÄ,³«»İ;ä
0063 +. DC 01-29 DHU_S/X_VC4_OFF
0064 + DC 06-C8 DR_PT2_REP_SEL
0065 BC (02 00)
0066 + DC 06-B3 DR_REP_START
0067 + DC 01-32 DHU_X_VC4_ON
0068 C. ÇÇ [HK1_REP_PT_1/2] EQ PT2 (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. ;ãŸÇŸóŸEŸEÄÚÂØ;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;ÇXÁ÷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. ;ãXÁ÷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 = 3018833.1 +- 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 7s
0146 C. *****
0147 C. EIS START OBSTBL LOAD
0148 C. *****
0149 . S. RAM ram-821: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 2025-06-10 11:47:50.0
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•x²è *****
0165 C. (¾å°î¥Ö¥Å¥Ê¥Ð¥Ê¥Å¥Ç¥ÊñÊ¼ñ¼Å»Û¹ñë)
0166 . S. DC-BC dcbc-402:DCBC
0167 (MDP_known_event)
0168 C.
0169 C.
0170 . C. ***** ¥Ð¥¹•İ Daily±¿ÍÑñÊ'Øñ¹ñëDCBC•x²è *****
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.
```


(a) Spacecraft Operation Procedure (real-commands)

```
main-329 2025-06-10 12:37:12 108 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŸÁŸ$ŸÄŸ~¼Ä»Ü;ä
0005 C.
0006 C. ŸÄŸß;¼Ÿ³ŸDŸóŸÉÄ÷¿®
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×ÄÇ»ÍŸÇŸÄŸ×Ÿí;¼ŸÉ;ËËè½µ•ííË;Ë»Ë¼°ÇÖ»•»¿¼¹Ç»Í;ÇÄ®,ù»¹»è»D»ÇÄ÷¿®»•»Ë»»»³»Ë;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 +. DC 07-F0 MDP_XRT_CTRL_MANU
0020 BC (c1)
0021 +. DC 07-F0 MDP_XRT_MODE_STBY
0022 BC (c3)
0023 . C. ----- Success Verify ? OK / NG____
0024 C.
0025 C. XRT Obs. Table Upload
0026 . S. RAM ram-291:MDP_OBS_X
0027 ()
0028 C.
0029 +. DC 07-F0 MDP_DUMP_XRTTBL
0030 BC (84 07 00 00 00 3a d4)
0031 . C. ----- Comparison Check ? OK / ERR ____
0032 C.
0033 C.
0034 +. DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 01 b1 b1 04 04)
0036 +. DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 02 b1 b1 08 08)
0038 +. DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 03 b1 b1 08 08)
0040 +. DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 04 b1 b1 06 06)
0042 +. DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 05 85 83 06 06)
0044 +. DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 06 85 83 06 06)
0046 +. DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 07 c0 c0 10 10)
0048 +. DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 08 80 80 20 20)
0050 +. DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 09 40 c0 10 10)
0052 +. DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0a 40 40 10 10)
0054 +. DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0b c0 40 10 10)
0056 +. DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 0c 80 80 20 08)
0058 +. DC 07-F0 MDP_XRT_ROI_SET
0059 BC (cd 0d 80 80 08 20)
0060 +. DC 07-F0 MDP_XRT_ROI_SET
0061 BC (cd 0e 85 83 08 08)
0062 +. DC 07-F0 MDP_XRT_ROI_SET
0063 BC (cd 0f 80 80 06 06)
0064 +. DC 07-F0 MDP_XRT_ROI_SET
0065 BC (cd 10 80 80 08 08)
0066 +. DC 07-F0 MDP_XRT_FLD_ENA
0067 BC (d8)
0068 +. DC 07-F0 MDP_XRT_FLRCTRL_ENA
0069 BC (c8)
0070 +. DC 07-F0 MDP_XRT_ARS_DIS
0071 BC (d5)
0072 +. DC 07-F0 MDP_XRT_AEC_RESET
0073 BC (d0)
0074 +. DC 07-F0 MDP_XRT_FLD_RESET
0075 BC (da)
0076 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0077 BC (c4 0d)
0078 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0079 BC (c5 0e)
0080 . C. ----- Success Verify ? OK / NG ____
0081 C.
0082 C.
0083 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0084 C.
0085 +. DC 07-F0 MDP_XRT_MODE_OBSV
0086 BC (c2)
0087 +. TI 2025-06-10 11:47:02.0
0088 DC 07-F0 MDP_XRT_MODE_OBSV
0089 BC (c2)
0090 . C. ----- Success Verify ? OK / NG ____
0091 C.
0092 C. ***** XRT END *****
0093 C.
0094 . C. ***** MDP 'úÄîîî»ö¼Ý»ËÄD»¹»ËDCBC•×²è *****
0095 C. (¾ä°íŸÓŸÄŸËŸDŸËŸÄŸÇŸËË½¼»¼Ä»Ü»¹»Ë)
```

```
0096 . S. DC-BC dcbc-402:DCBC
0097 (MDP_known_event)
0098 C.
0099 C.
0100 . C. ***** ¥Ð¥¹•İ Daily±¿İÑ¤Ě'Ø¤¹¤ěDCBC•x²è *****
0101 . S. DC-BC dcbc-153:DCBC
0102 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0103 C.
0104 C.
0105 . C. ;ăLOS¥Á¥S¥Ã¥~¼Â»Ŭ;ă
0106 C.
0107 . C. ***** LOS *****
0108 C.
```

```
main-330 2025-06-10 12:37:12 113 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. °EA, 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°EA,¼è½Çñò¼Ä¹Ôñ¹ñè;£
0030 C.
0031 . C. *****
0032 C. DR PT1 Äî¼í°EA,
0033 C. *****
0034 C. ° RESTART;ÊPT1;Ëñ•ñçç¼¹¹Çñİ;ç°Ê²¼ñî¼Ä¹Ôññ»°;çDCBC-150ñØçÊñà;£
0035 C.
0036 . C. ;ãPT1°EA,³«»İ;ä
0037 +. DC 01-29 DHU_S/X_VC4_OFF
0038 + DC 06-C8 DR_PT1_REP_SEL
0039 BC (01 00)
0040 + DC 06-B3 DR_REP_START
0041 + DC 01-32 DHU_X_VC4_ON
0042 C. çç[HK1_REP_PT_1/2] EQ PT1 (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. ;ãŲçŲóŲEŲEËÄÚÂØ;ÊÄ•Ä°²öÈò;Ë,ãñî°EA,°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°EA,ñ¬¼«E°Ää»ßñ•ñçç,ã;ç°Ê²¼ñò¼Ä¹Ôñ¹ñè;£
0055 C. ŲçŲóŲEŲEËÄÚÂØñäÄ•Ä°²öÈòñ¬¼áñ¼¹¹Çñİ'°î»ñ¹ñèñÞñÇÄÔñÄ;£
0056 C.
0057 . C. *****
0058 C. DR PT2 Äî¼í°EA,
0059 C. *****
0060 C. ° RESTART;ÊPT2;Ëñ•ñçç¼¹¹Çñİ;ç°Ê²¼ñî¼Ä¹Ôññ»°;çDCBC-151ñØçÊñà;£
0061 C.
0062 . C. ;ãPT2°EA,³«»İ;ä
0063 +. DC 01-29 DHU_S/X_VC4_OFF
0064 + DC 06-C8 DR_PT2_REP_SEL
0065 BC (02 00)
0066 + DC 06-B3 DR_REP_START
0067 + DC 01-32 DHU_X_VC4_ON
0068 C. çç[HK1_REP_PT_1/2] EQ PT2 (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. ;ãŲçŲóŲEŲEËÄÚÂØ;ÊÄ•Ä°²öÈò;Ë,ãñî°EA,°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°EA,Ää»ß;çXÄ÷ç®µ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°EA,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. ***** MDP ´ûÃîñî»ö¼ýñëâðñ¹ñèDCBC•x²è *****
0100 C. (¾å°ì¥Ó¥Ã¥È¥Ð¥Ë¥â¥ç¥ëñ½¾ñ¼Ã»Ûñ¹ñè)
0101 . S. DC-BC dcbc-402:DCBC
0102 (MDP_known_event)
0103 C.
0104 C.
0105 . C. ***** ¥Ð¥¹•Ï Daily±¿îññë´øñ¹ñèDCBC•x²è *****
0106 . S. DC-BC dcbc-153:DCBC
0107 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0108 C.
0109 C.
0110 . C. ;ãLOS¥Á¥\$¥Ã¥´¼Ã»Û;ä
0111 C.
0112 . C. ***** LOS *****
0113 C.

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2025/06/10	11:58:00.0	AOCS_ORe-point_Start_1_OG [0x097] AOCU_NM	5	02-76	04	06	24	01	81
2025/06/10	17:53:30.0	AOCS_ORe-point_Start_2_OG [0x098] AOCU_NM	5	02-76	00	00	00	00	00
2025/06/10	18:03:30.0	AOCS_ORe-point_Start_1_OG [0x097] AOCU_NM	5	02-76	04	06	24	01	81
2025/06/11	06:12:00.0	AOCS_ORe-point_Start_2_OG [0x098] AOCU_NM	5	02-76	00	00	00	00	00
2025/06/11	06:22:00.0	AOCS_ORe-point_Start_1_OG [0x097] AOCU_NM	5	02-76	04	06	24	01	81
2025/06/11	06:23:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/11	06:23:02.0	XRT_TCIB_XRT_S_HTR_A_DIS_445_OG [0x1bd] TCIB_XRT_S_HTR_A_DIS	0	04-C0					
2025/06/11	12:39:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/11	12:39:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/11	12:39:58.0	XRT_FOCUS_RECALIBRATE_407_OG [0x197] XRT_FOCUS_RECAL	2	07-F8	78	00			
2025/06/11	12:40:00.0	AOCS_ORe-point_Start_3_OG [0x099] AOCU_NM	5	02-76	00	2e	f9	2e	f9
2025/06/11	12:43:58.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2025/06/11	12:44:18.0	XRT_ARS_DIS_427_OG [0x1ab] MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/06/11	12:44:20.0	XRT_FLRCTRL_DIS_449_OG [0x1c1] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2025/06/11	12:44:22.0	XRT_FLD_DIS_429_OG [0x1ad] MDP_XRT_FLD_DIS	1	07-F0	d9				
2025/06/11	12:44:24.0	XRT_QT_PROG_SET_437_OG [0x1b5] MDP_XRT_QT_PROG_SET	2	07-F0	c4	08			
2025/06/11	12:44:26.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/06/11	12:49:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/11	12:49:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/11	12:49:58.0	XRT_FOCUS_POSITION_432_OG [0x1b0] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2025/06/11	12:50:00.0	AOCS_ORe-point_Start_4_OG [0x09a] AOCU_NM	5	02-76	00	2e	f9	d1	07
2025/06/11	12:52:52.0	XRT_ARS_DIS_427_OG [0x1ab] MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/06/11	12:52:54.0	XRT_FLRCTRL_DIS_449_OG [0x1c1] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2025/06/11	12:52:56.0	XRT_FLD_DIS_429_OG [0x1ad] MDP_XRT_FLD_DIS	1	07-F0	d9				
2025/06/11	12:52:58.0	XRT_QT_PROG_SET_431_OG [0x1af] MDP_XRT_QT_PROG_SET	2	07-F0	c4	13			
2025/06/11	12:53:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/06/11	12:59:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/11	12:59:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/11	12:59:58.0	XRT_FOCUS_POSITION_432_OG [0x1b0] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2025/06/11	13:00:00.0	AOCS_ORe-point_Start_5_OG [0x09b] AOCU_NM	5	02-76	00	d1	07	d1	07
2025/06/11	13:02:52.0	XRT_ARS_DIS_427_OG [0x1ab] MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/06/11	13:02:54.0	XRT_FLRCTRL_DIS_449_OG [0x1c1] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2025/06/11	13:02:56.0	XRT_FLD_DIS_429_OG [0x1ad] MDP_XRT_FLD_DIS	1	07-F0	d9				
2025/06/11	13:02:58.0	XRT_QT_PROG_SET_426_OG [0x1aa] MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b			
2025/06/11	13:03:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/06/11	13:09:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/11	13:09:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/11	13:09:58.0	XRT_FOCUS_POSITION_432_OG [0x1b0] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2025/06/11	13:10:00.5	AOCS_ORe-point_Start_6_OG [0x09c] AOCU_NM	5	02-76	00	d1	07		

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2025/06/11	13:19:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	1	07-F0	c1
2025/06/11	13:20:00.0	AOCs_ORe-point_Start_2_OG [0x098]	4	07-F8	22 ff aa 00
2025/06/11	13:20:18.0	XRT_FLD_DIS_409_OG [0x199]	5	02-76	00 00 00 00 00
2025/06/11	13:20:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	1	07-F0	d9
2025/06/11	13:20:22.0	XRT_ARS_DIS_435_OG [0x1b3]	1	07-F0	d5
2025/06/11	13:22:58.0	XRT_QT_PROG_SET_404_OG [0x194]	2	07-F0	c4 11
2025/06/11	13:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0	c0
2025/06/11	13:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1
2025/06/11	13:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1
2025/06/11	13:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	4	07-F8	22 fe 97 00
2025/06/11	13:30:00.0	AOCs_ORe-point_Start_7_OG [0x09d]	5	02-76	04 00 00 00 00
2025/06/11	13:30:18.0	XRT_FLD_ENA_411_OG [0x19b]	1	07-F0	d8
2025/06/11	13:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	1	07-F0	c8
2025/06/11	13:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]	1	07-F0	d0
2025/06/11	13:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	1	07-F0	d5
2025/06/11	13:30:26.0	XRT_FLD_RESET_434_OG [0x1b2]	1	07-F0	da
2025/06/11	13:32:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]	2	07-F0	c4 12
2025/06/11	13:32:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	2	07-F0	c5 0e
2025/06/11	13:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0	c0
2025/06/11	13:46:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
2025/06/11	13:46:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
2025/06/11	13:46:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	1	07-F0	e8
2025/06/11	13:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
2025/06/11	14:17:00.0	XRT_Custom_430_OG [0x1ae]			
2025/06/11	14:18:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
2025/06/11	15:24:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
2025/06/11	15:24:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
2025/06/11	15:24:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	1	07-F0	e8
2025/06/11	15:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
2025/06/11	15:55:30.0	XRT_Custom_430_OG [0x1ae]			
2025/06/11	15:56:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
2025/06/11	17:03:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
2025/06/11	17:03:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
2025/06/11	17:03:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	1	07-F0	e8
2025/06/11	17:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
2025/06/11	17:41:30.0	XRT_Custom_430_OG [0x1ae]			
2025/06/11	17:42:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
2025/06/11	17:57:24.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1
2025/06/11	17:57:26.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1
2025/06/11	17:57:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	4	07-F8	22 ff aa 00
2025/06/11	17:57:30.0	AOCs_ORe-point_Start_2_OG [0x098]	5	02-76	00 00 00 00 00
2025/06/11	17:57:48.0	XRT_FLD_DIS_409_OG [0x199]	1	07-F0	d9
2025/06/11	17:57:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	1	07-F0	c9
2025/06/11	17:57:52.0	XRT_ARS_DIS_435_OG [0x1b3]	1	07-F0	d5
2025/06/11	18:00:28.0	XRT_QT_PROG_SET_404_OG [0x194]	2	07-F0	c4 11
2025/06/11	18:00:30.0	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0	c0
2025/06/11	18:07:24.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1
2025/06/11	18:07:26.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1

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2025/06/12	02:48:44.0	MDP_XRT_PREFLR_STRT	1	07-F0	e8
		XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/12	03:22:30.0	XRT_Custom_430_OG [0x1ae]			
2025/06/12	03:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/12	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/12	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/06/12	04:00:00.0	AOCs_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/06/12	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/06/12	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/06/12	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/06/12	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/06/12	04:00:24.0	XRT_FLD_RESET_446_OG [0x1be]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/12	04:02:56.0	XRT_QT_PROG_SET_405_OG [0x195]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2025/06/12	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/06/12	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/12	04:20:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/12	04:20:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/12	04:20:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/12	04:23:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/12	05:00:30.0	XRT_Custom_430_OG [0x1ae]			
2025/06/12	05:01:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/12	05:24:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/12	05:24:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/12	05:24:28.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/06/12	05:24:48.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2025/06/12	05:24:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/06/12	05:24:52.0	XRT_ARS_DIS_435_OG [0x1b3]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/06/12	05:27:28.0	XRT_QT_PROG_SET_404_OG [0x194]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11
2025/06/12	05:27:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/12	05:34:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/12	05:34:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/12	05:34:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/06/12	05:34:30.0	AOCs_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	04 06 24 01 81
2025/06/12	05:34:48.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/06/12	05:34:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/06/12	05:34:52.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/06/12	05:34:54.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/06/12	05:34:56.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/12	05:37:26.0	XRT_QT_PROG_SET_442_OG [0x1ba]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2025/06/12	05:37:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/06/12	05:37:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/12	05:50:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/12	05:50:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/12	05:50:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/12	05:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/12	06:39:00.0	XRT_Custom_430_OG [0x1ae]			
2025/06/12	06:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/12	07:31:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/12	07:31:02.0	XRT_FLD_RESET_415_OG [0x19f]			

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2025/06/12	07:31:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/12	07:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/12	08:17:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/12	08:18:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/12	09:10:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/12	09:10:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/12	09:10:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/12	09:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/12	09:55:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/12	09:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/12	10:50:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/12	10:50:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/12	10:50:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/12	10:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/12	11:33:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/12	11:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/12	12:40:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/12	12:40:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/12	12:40:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/12	12:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/12	13:11:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/12	13:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/12	14:19:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/12	14:19:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/12	14:19:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/12	14:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/12	14:49:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/12	14:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/12	15:57:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/12	15:57:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/12	15:57:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/12	16:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/12	16:37:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/12	16:38:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/12	17:35:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/12	17:35:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/12	17:35:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/12	17:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/12	18:12:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/12	18:12:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/12	18:12:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/06/12	18:13:00.0	AOCs_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00
2025/06/12	18:13:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2025/06/12	18:13:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/06/12	18:13:22.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/06/12	18:15:58.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11
2025/06/12	18:16:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/12	18:22:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/12	18:22:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1

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2025/06/12	18:22:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8 22 fe 97 00	
2025/06/12	18:23:00.0	AOCs_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76 04 06 24 01 81	
2025/06/12	18:23:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0 d8	
2025/06/12	18:23:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8	
2025/06/12	18:23:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0 d0	
2025/06/12	18:23:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0 d5	
2025/06/12	18:23:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2025/06/12	18:25:56.0	XRT_QT_PROG_SET_418_OG [0x1a2]			
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 0f	
2025/06/12	18:25:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0e	
2025/06/12	18:26:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2025/06/12	19:13:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2025/06/12	19:13:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2025/06/12	19:13:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0 e8	
2025/06/12	19:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0 e9	
2025/06/12	19:49:30.0	XRT_Custom_430_OG [0x1ae]			
2025/06/12	19:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2025/06/12	20:51:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2025/06/12	20:51:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2025/06/12	20:51:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0 e8	
2025/06/12	20:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0 e9	
2025/06/12	21:26:30.0	XRT_Custom_430_OG [0x1ae]			
2025/06/12	21:27:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2025/06/12	22:29:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2025/06/12	22:29:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2025/06/12	22:29:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0 e8	
2025/06/12	22:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0 e9	
2025/06/12	23:03:00.0	XRT_Custom_430_OG [0x1ae]			
2025/06/12	23:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2025/06/13	00:07:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2025/06/13	00:07:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2025/06/13	00:07:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0 e8	
2025/06/13	00:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0 e9	
2025/06/13	00:38:30.0	XRT_Custom_430_OG [0x1ae]			
2025/06/13	00:39:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2025/06/13	01:46:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2025/06/13	01:46:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2025/06/13	01:46:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0 e8	
2025/06/13	01:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0 e9	
2025/06/13	02:16:30.0	XRT_Custom_430_OG [0x1ae]			
2025/06/13	02:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2025/06/13	03:16:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2025/06/13	03:16:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2025/06/13	03:16:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0 e8	
2025/06/13	03:19:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0 e9	
2025/06/13	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2025/06/13	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00	
2025/06/13	04:00:00.0	AOCs_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76 00 00 00 00 00	
2025/06/13	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0 d8	
2025/06/13	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8	

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2025/06/13	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2025/06/13	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/06/13	04:00:24.0	XRT_FLD_RESET_446_OG [0x1be]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/06/13	04:02:56.0	XRT_QT_PROG_SET_405_OG [0x195]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	09			
2025/06/13	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e			
2025/06/13	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/06/13	04:44:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/13	04:44:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/06/13	04:44:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/06/13	04:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/06/13	05:33:00.0	XRT_Custom_430_OG [0x1ae]							
2025/06/13	05:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/06/13	05:56:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/13	05:56:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/13	05:56:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2025/06/13	05:57:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2025/06/13	05:57:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2025/06/13	05:57:22.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/06/13	05:59:58.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	11			
2025/06/13	06:00:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/06/13	06:06:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/13	06:06:56.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2025/06/13	06:07:00.0	AOCs_Or-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04	06	24	01	81
2025/06/13	06:07:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2025/06/13	06:07:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2025/06/13	06:07:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2025/06/13	06:07:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/06/13	06:07:24.0	XRT_FLD_RESET_446_OG [0x1be]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/06/13	06:09:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	07			
2025/06/13	06:09:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e			
2025/06/13	06:10:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/06/13	06:23:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/13	06:23:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/06/13	06:23:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/06/13	06:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/06/13	07:11:00.0	XRT_Custom_430_OG [0x1ae]							
2025/06/13	07:12:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/06/13	08:04:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/13	08:04:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/06/13	08:04:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/06/13	08:07:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/06/13	08:49:30.0	XRT_Custom_430_OG [0x1ae]							
2025/06/13	08:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/06/13	09:43:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/13	09:43:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/06/13	09:43:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/06/13	09:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/06/13	10:27:30.0	XRT_Custom_430_OG [0x1ae]							
2025/06/13	10:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							

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2025/06/13	11:24:30.0	MDP_XRT_CTRL_AUTO	1	07-F0	c0
		XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/13	11:24:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/13	11:24:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/13	11:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/13	12:05:30.0	XRT_Custom_430_OG [0x1ae]			
2025/06/13	12:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/13	13:13:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/13	13:13:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/13	13:13:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/13	13:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/13	13:43:30.0	XRT_Custom_430_OG [0x1ae]			
2025/06/13	13:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/13	14:51:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/13	14:51:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/13	14:51:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/13	14:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/13	15:22:00.0	XRT_Custom_430_OG [0x1ae]			
2025/06/13	15:23:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/13	16:29:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/13	16:29:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/13	16:29:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/13	16:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/13	17:08:30.0	XRT_Custom_430_OG [0x1ae]			
2025/06/13	17:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/13	17:52:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/13	17:52:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/13	17:52:28.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/06/13	17:52:30.0	AOCs_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/06/13	17:52:48.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2025/06/13	17:52:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/06/13	17:52:52.0	XRT_ARS_DIS_435_OG [0x1b3]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/06/13	17:55:28.0	XRT_QT_PROG_SET_404_OG [0x194]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11
2025/06/13	17:55:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/13	18:02:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/13	18:02:26.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/06/13	18:02:30.0	AOCs_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	04 06 24 01 81
2025/06/13	18:02:46.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/06/13	18:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/06/13	18:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/06/13	18:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/06/13	18:02:54.0	XRT_FLD_RESET_446_OG [0x1be]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/13	18:05:26.0	XRT_QT_PROG_SET_416_OG [0x1a0]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2025/06/13	18:05:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/06/13	18:45:00.0	XRT_Custom_430_OG [0x1ae]			
2025/06/13	18:46:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/13	19:45:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/13	19:45:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/13	19:45:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/13	19:48:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			

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2025/06/13	20:21:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/06/13	20:22:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2025/06/13	21:23:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/13	21:23:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/13	21:23:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/13	21:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/06/13	21:58:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/06/13	21:59:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2025/06/13	23:02:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/13	23:02:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/13	23:02:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/13	23:05:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/06/13	23:34:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/06/13	23:34:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/13	23:35:00.0	AOCs_ORe-point_Start_8_OG [0x09e]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2025/06/13	23:35:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	03 06 24 01 81	
2025/06/13	23:35:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2025/06/13	23:35:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2025/06/13	23:35:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2025/06/13	23:35:24.0	XRT_FLD_RESET_446_OG [0x1be]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/06/13	23:37:56.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/13	23:37:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05	
2025/06/13	23:38:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e	
2025/06/14	00:40:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/14	00:40:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/14	00:40:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/14	00:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/06/14	01:11:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/06/14	01:12:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2025/06/14	02:15:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/14	02:15:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/14	02:15:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/14	02:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/06/14	02:49:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/06/14	02:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2025/06/14	02:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/14	02:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/14	03:00:00.0	AOCs_ORe-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2025/06/14	03:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	04 06 24 01 81	
2025/06/14	03:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2025/06/14	03:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2025/06/14	03:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2025/06/14	03:00:24.0	XRT_FLD_RESET_446_OG [0x1be]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/06/14	03:02:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/14	03:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07	
2025/06/14	03:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e	
2025/06/14	03:47:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/14	03:47:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
			MDP_XRT_FLD_RESET	1	07-F0	da	

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2025/06/14	03:47:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/06/14	03:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/06/14	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/14	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2025/06/14	04:00:00.0	AOCs_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2025/06/14	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2025/06/14	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2025/06/14	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2025/06/14	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/06/14	04:00:24.0	XRT_FLD_RESET_446_OG [0x1be]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/06/14	04:02:56.0	XRT_QT_PROG_SET_405_OG [0x195]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09				
2025/06/14	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2025/06/14	04:27:00.0	XRT_Custom_430_OG [0x1ae]							
2025/06/14	04:28:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/06/14	05:16:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/14	05:16:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/06/14	05:16:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/06/14	05:19:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/06/14	06:10:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/14	06:10:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/14	06:10:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2025/06/14	06:11:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2025/06/14	06:11:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2025/06/14	06:11:22.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/06/14	06:13:58.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2025/06/14	06:14:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/06/14	06:20:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/14	06:20:56.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2025/06/14	06:21:00.0	AOCs_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04 06 24 01 81				
2025/06/14	06:21:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2025/06/14	06:21:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2025/06/14	06:21:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2025/06/14	06:21:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/06/14	06:21:24.0	XRT_FLD_RESET_446_OG [0x1be]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/06/14	06:23:56.0	XRT_QT_PROG_SET_417_OG [0x1a1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2025/06/14	06:23:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2025/06/14	06:24:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/06/14	06:56:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/14	06:56:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/06/14	06:56:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/06/14	06:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/06/14	07:43:30.0	XRT_Custom_430_OG [0x1ae]							
2025/06/14	07:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/06/14	08:36:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/14	08:36:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/06/14	08:36:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/06/14	08:39:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/06/14	09:21:30.0	XRT_Custom_430_OG [0x1ae]							

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2025/06/14	09:22:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/14	10:16:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/14	10:16:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/14	10:16:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/14	10:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/14	10:59:30.0	XRT_Custom_430_OG [0x1ae]			
2025/06/14	11:00:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/14	12:07:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/14	12:07:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/14	12:07:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/14	12:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/14	12:38:00.0	XRT_Custom_430_OG [0x1ae]			
2025/06/14	12:39:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/14	13:45:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/14	13:45:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/14	13:45:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/14	13:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/14	14:16:00.0	XRT_Custom_430_OG [0x1ae]			
2025/06/14	14:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/14	15:23:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/14	15:23:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/14	15:23:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/14	15:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/14	15:54:00.0	XRT_Custom_430_OG [0x1ae]			
2025/06/14	15:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/14	17:01:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/14	17:01:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/14	17:01:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/14	17:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/14	17:40:30.0	XRT_Custom_430_OG [0x1ae]			
2025/06/14	17:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/14	17:56:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/14	17:56:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/14	17:56:28.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/06/14	17:56:30.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/06/14	17:56:48.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2025/06/14	17:56:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/06/14	17:56:52.0	XRT_ARS_DIS_435_OG [0x1b3]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/06/14	17:59:28.0	XRT_QT_PROG_SET_404_OG [0x194]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11
2025/06/14	17:59:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/14	18:06:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/14	18:06:26.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/06/14	18:06:30.0	AOCS_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	04 06 24 01 81
2025/06/14	18:06:46.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/06/14	18:06:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/06/14	18:06:50.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/06/14	18:06:52.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/06/14	18:06:54.0	XRT_FLD_RESET_446_OG [0x1be]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/14	18:09:26.0	XRT_QT_PROG_SET_417_OG [0x1a1]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c

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2025/06/14	18:09:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e	
2025/06/14	18:09:30.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2025/06/14	18:39:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2025/06/14	18:39:32.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2025/06/14	18:39:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2025/06/14	18:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2025/06/14	19:17:00.5	XRT_Custom_430_OG [0x1ae]					
2025/06/14	19:18:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2025/06/14	20:18:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2025/06/14	20:18:02.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2025/06/14	20:18:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2025/06/14	20:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2025/06/14	20:53:30.0	XRT_Custom_430_OG [0x1ae]					
2025/06/14	20:54:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2025/06/14	21:56:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2025/06/14	21:56:02.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2025/06/14	21:56:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2025/06/14	21:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2025/06/14	22:30:30.0	XRT_Custom_430_OG [0x1ae]					
2025/06/14	22:31:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2025/06/14	23:34:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2025/06/14	23:34:02.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2025/06/14	23:34:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2025/06/14	23:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2025/06/15	00:05:00.0	XRT_Custom_430_OG [0x1ae]					
2025/06/15	00:06:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2025/06/15	01:12:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2025/06/15	01:12:32.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2025/06/15	01:12:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2025/06/15	01:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2025/06/15	01:43:00.0	XRT_Custom_430_OG [0x1ae]					
2025/06/15	01:44:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2025/06/15	02:44:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2025/06/15	02:44:32.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2025/06/15	02:44:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2025/06/15	02:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2025/06/15	03:21:30.0	XRT_Custom_430_OG [0x1ae]					
2025/06/15	03:22:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2025/06/15	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2025/06/15	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]					
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2025/06/15	04:00:00.0	AOCs_ORe-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00	00	00 00 00
2025/06/15	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2025/06/15	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2025/06/15	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2025/06/15	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2025/06/15	04:00:24.0	XRT_FLD_RESET_446_OG [0x1be]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2025/06/15	04:02:56.0	XRT_QT_PROG_SET_405_OG [0x195]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	09	
2025/06/15	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e	
2025/06/15	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2025/06/15	04:19:30.0	XRT_CTRL_MANU_400_OG [0x190]					

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2025/06/15	04:19:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/15	04:19:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/15	04:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/15	04:59:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/15	05:00:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/15	05:23:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/15	05:23:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/15	05:23:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/06/15	05:23:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2025/06/15	05:23:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/06/15	05:23:52.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/06/15	05:26:28.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11
2025/06/15	05:26:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/15	05:33:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/15	05:33:26.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/06/15	05:33:30.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04 06 24 01 81
2025/06/15	05:33:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2025/06/15	05:33:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/06/15	05:33:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2025/06/15	05:33:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/06/15	05:33:54.0	XRT_FLD_RESET_446_OG [0x1be]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/15	05:36:26.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2025/06/15	05:36:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/06/15	05:36:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/15	05:49:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/15	05:49:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/15	05:49:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/15	05:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/15	06:37:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/15	06:38:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/15	07:29:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/15	07:29:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/15	07:29:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/15	07:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/15	08:16:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/15	08:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/15	09:09:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/15	09:09:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/15	09:09:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/15	09:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/15	09:54:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/15	09:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/15	10:49:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/15	10:49:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/15	10:49:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/15	10:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/15	11:32:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/15	11:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/15	12:39:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1

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2025/06/15	12:39:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/15	12:39:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/15	12:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/06/15	13:10:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/06/15	13:11:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/15	14:17:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/15	14:17:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/15	14:17:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/06/15	14:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/06/15	14:48:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/15	14:49:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/15	15:55:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/15	15:55:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/15	15:55:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/06/15	15:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/06/15	16:35:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/15	16:36:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/15	17:34:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/15	17:34:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/15	17:34:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/06/15	17:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/06/15	18:11:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/15	18:11:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/15	18:11:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2025/06/15	18:12:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2025/06/15	18:12:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2025/06/15	18:12:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2025/06/15	18:12:22.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/06/15	18:14:58.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11	
2025/06/15	18:15:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/15	18:21:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/15	18:21:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2025/06/15	18:22:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04 06 24 01 81	
2025/06/15	18:22:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2025/06/15	18:22:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2025/06/15	18:22:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2025/06/15	18:22:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/06/15	18:22:24.0	XRT_FLD_RESET_446_OG [0x1be]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/15	18:24:56.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c	
2025/06/15	18:24:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e	
2025/06/15	18:25:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/15	19:12:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/15	19:12:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/15	19:12:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/06/15	19:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/06/15	19:48:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/15	19:49:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/15	20:50:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	

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2025/06/15	20:50:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2025/06/15	20:50:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2025/06/15	20:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2025/06/15	21:25:30.0	XRT_Custom_430_OG [0x1ae]			
2025/06/15	21:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2025/06/15	22:28:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2025/06/15	22:28:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2025/06/15	22:28:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2025/06/15	22:31:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2025/06/15	23:01:30.0	XRT_Custom_430_OG [0x1ae]			
2025/06/15	23:02:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2025/06/16	00:06:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2025/06/16	00:06:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2025/06/16	00:06:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2025/06/16	00:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2025/06/16	00:37:30.0	XRT_Custom_430_OG [0x1ae]			
2025/06/16	00:38:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2025/06/16	01:44:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2025/06/16	01:44:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2025/06/16	01:44:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2025/06/16	01:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2025/06/16	02:15:30.0	XRT_Custom_430_OG [0x1ae]			
2025/06/16	02:16:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2025/06/16	03:15:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2025/06/16	03:15:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2025/06/16	03:15:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2025/06/16	03:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2025/06/16	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2025/06/16	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	4	07-F8	22 ff aa 00
		XRT_FOCUS_POSITION			
2025/06/16	04:00:00.0	AOCs_Or-point_Start_2_OG [0x098]	5	02-76	00 00 00 00 00
		AOCU_NM			
2025/06/16	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	1	07-F0	d8
		MDP_XRT_FLD_ENA			
2025/06/16	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	1	07-F0	c8
		MDP_XRT_FLRCTRL_ENA			
2025/06/16	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	1	07-F0	d0
		MDP_XRT_AEC_RESET			
2025/06/16	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	1	07-F0	d5
		MDP_XRT_ARS_DIS			
2025/06/16	04:00:24.0	XRT_FLD_RESET_446_OG [0x1be]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2025/06/16	04:02:56.0	XRT_QT_PROG_SET_405_OG [0x195]	2	07-F0	c4 09
		MDP_XRT_QT_PROG_SET			
2025/06/16	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	2	07-F0	c5 0e
		MDP_XRT_FL_PROG_SET			
2025/06/16	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2025/06/16	04:43:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2025/06/16	04:43:32.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	da
		MDP_XRT_FLD_RESET			
2025/06/16	04:43:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	1	07-F0	e8
		MDP_XRT_PREFLR_STRT			
2025/06/16	04:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0	e9
		MDP_XRT_PREFLR_STOP			
2025/06/16	05:32:00.0	XRT_Custom_430_OG [0x1ae]			
2025/06/16	05:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
		MDP_XRT_CTRL_AUTO			
2025/06/16	05:55:54.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2025/06/16	05:55:56.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0	c1
		MDP_XRT_CTRL_MANU			
2025/06/16	05:55:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	4	07-F8	22 ff aa 00
		XRT_FOCUS_POSITION			
2025/06/16	05:56:18.0	XRT_FLD_DIS_409_OG [0x199]	1	07-F0	d9
		MDP_XRT_FLD_DIS			
2025/06/16	05:56:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	1	07-F0	c9
		MDP_XRT_FLRCTRL_DIS			

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2025/06/16	05:56:22.0	XRT_ARS_DIS_435_OG [0x1b3]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2025/06/16	05:58:58.0	XRT_QT_PROG_SET_404_OG [0x194]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 11
2025/06/16	05:59:00.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/06/16	06:05:54.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/16	06:05:56.0	XRT_FOCUS_POSITION_406_OG [0x196]		
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2025/06/16	06:06:00.0	AOCs_ORe-point_Start_9_OG [0x09f]		
		AOCU_NM	5	02-76 00 1d 16 b1 07
2025/06/16	06:06:16.0	XRT_FLD_ENA_411_OG [0x19b]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2025/06/16	06:06:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2025/06/16	06:06:20.0	XRT_AEC_RESET_448_OG [0x1c0]		
		MDP_XRT_AEC_RESET	1	07-F0 d0
2025/06/16	06:06:22.0	XRT_ARS_DIS_423_OG [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2025/06/16	06:06:24.0	XRT_FLD_RESET_446_OG [0x1be]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/06/16	06:08:56.0	XRT_QT_PROG_SET_417_OG [0x1a1]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 0c
2025/06/16	06:08:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0e
2025/06/16	06:09:00.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/06/16	06:22:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/16	06:22:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/06/16	06:22:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/06/16	06:25:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/06/16	07:10:00.0	XRT_Custom_430_OG [0x1ae]		
2025/06/16	07:11:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/06/16	08:02:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/16	08:02:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/06/16	08:02:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/06/16	08:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/06/16	08:48:00.0	XRT_Custom_430_OG [0x1ae]		
2025/06/16	08:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/06/16	09:42:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/16	09:42:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/06/16	09:42:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/06/16	09:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/06/16	10:26:00.0	XRT_Custom_430_OG [0x1ae]		
2025/06/16	10:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/06/16	11:23:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/16	11:23:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/06/16	11:23:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/06/16	11:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/06/16	12:04:30.0	XRT_Custom_430_OG [0x1ae]		
2025/06/16	12:05:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/06/16	13:11:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/16	13:11:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/06/16	13:11:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/06/16	13:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/06/16	13:42:30.0	XRT_Custom_430_OG [0x1ae]		
2025/06/16	13:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/06/16	14:50:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/16	14:50:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/06/16	14:50:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/06/16	14:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/06/16	15:20:30.0	XRT_Custom_430_OG [0x1ae]		
2025/06/16	15:21:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		

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2025/06/16	16:28:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/16	16:28:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/16	16:28:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/16	16:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/16	17:07:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/16	17:08:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/06/16	17:50:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/16	17:50:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/16	17:50:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/16	17:51:00.0	AOCS_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/06/16	17:51:18.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00
2025/06/16	17:51:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9
2025/06/16	17:51:22.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/06/16	17:53:58.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/06/16	17:54:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11
2025/06/16	18:00:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/16	18:00:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/16	18:01:00.0	AOCS_ORe-point_Start_9_OG [0x09f]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/06/16	18:01:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 1d 16 b1 07
2025/06/16	18:01:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2025/06/16	18:01:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/06/16	18:01:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2025/06/16	18:01:24.0	XRT_FLD_RESET_446_OG [0x1be]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/06/16	18:03:56.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/16	18:03:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2025/06/16	18:44:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/06/16	18:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/06/16	19:44:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/16	19:44:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/16	19:44:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/16	19:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/16	20:20:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/16	20:21:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/06/16	21:22:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/16	21:22:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/16	21:22:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/16	21:25:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/16	21:57:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/16	21:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/06/16	23:00:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/16	23:00:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/16	23:00:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/16	23:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/16	23:33:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/16	23:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/06/17	00:38:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/17	00:38:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/17	00:38:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/17	00:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8

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2025/06/17	01:09:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/17	01:10:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/06/17	02:14:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/17	02:14:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/17	02:14:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/17	02:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/17	02:48:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/17	02:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/06/17	03:46:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/17	03:46:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/17	03:46:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/17	03:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/17	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/17	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/17	04:00:00.0	AOCs_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/06/17	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 00 00 00 00
2025/06/17	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2025/06/17	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/06/17	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2025/06/17	04:00:24.0	XRT_FLD_RESET_446_OG [0x1be]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/06/17	04:02:56.0	XRT_QT_PROG_SET_405_OG [0x195]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/17	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2025/06/17	04:26:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/06/17	04:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/06/17	05:15:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/17	05:15:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/17	05:15:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/17	05:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/17	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/17	06:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/17	06:09:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/17	06:10:18.0	XRT_FLD_DIS_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/06/17	06:10:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9
2025/06/17	06:10:22.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/06/17	06:12:58.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/06/17	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11
2025/06/17	06:19:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/17	06:19:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/17	06:20:00.0	AOCs_ORe-point_Start_9_OG [0x09f]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/06/17	06:20:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 1d 16 b1 07
2025/06/17	06:20:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2025/06/17	06:20:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/06/17	06:20:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2025/06/17	06:20:24.0	XRT_FLD_RESET_446_OG [0x1be]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/06/17	06:22:56.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/17	06:22:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2025/06/17	06:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/06/17	06:55:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0

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2025/06/17	06:55:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/17	06:55:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/17	06:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/17	07:42:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/17	07:43:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/17	08:35:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/17	08:35:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/17	08:35:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/17	08:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/17	09:20:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/17	09:21:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/17	10:15:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/17	10:15:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/17	10:15:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/17	10:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/17	10:58:30.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/17	11:22:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00