

XRT Timeline to be uploaded on 2026/05/09

Period: 2026/05/09 11:17:00 - 2026/05/14 10:39:00

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Normal mode

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XOB #1D4A: HOP525_AR_ThinBe_MedBe_512x512_120sec_with_PFB2_3											
Term	Pointing (x, y)		Comment								
05/09 11:36:00 - 05/09 12:46:00	Track (500.8, 212.7) @ 05/09 11:27:00		# OP start + 10min HOP525 (AR14432)								
05/10 09:03:00 - 05/10 12:59:54	Track (647.3, 204.2) @ 05/10 09:00:00		HOP525								
05/11 09:23:00 - 05/11 12:59:54	Track (776.0, 193.5) @ 05/11 09:00:00		HOP525								
05/12 09:03:00 - 05/12 10:49:30	Fixed (856.0, 183.0)		HOP525								
PROG= 02 Inf.-time(s)											
└─ Subr= 1 1-time(s) 2.0sec											
└─ Seqn= 92 1-time(s) 2.0sec											
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0 0 2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0 0 2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0 0 2.0sec
└─ Subr= 2 60-time(s) 120.0sec											
└─ Seqn= 62 1-time(s) 40.0sec											
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	DPCM	3 0 2.0sec
	med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	512x512 (1064, 1048)	DPCM	3 0 2.0sec
└─ Seqn= 44 1-time(s) 40.0sec											
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3 2 2.0sec
	med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	512x512 (1064, 1048)	Q=95	3 2 2.0sec
└─ Seqn= 43 1-time(s) 2.0sec											
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3 3 2.0sec
	med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	512x512 (1064, 1048)	Q=95	3 3 2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer Interval

XOB #1BFE: AR - Standard Core - (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Al/poly context, with											
Term	Pointing (x, y)		Comment								
05/09 13:14:00 - 05/09 17:24:54	Track (-889.9, 266.1) @ 05/09 13:00:00		NE limb AR								
05/10 00:40:30 - 05/10 03:17:30	Track (-857.2, 271.2) @ 05/10 00:18:00		NE limb AR								
05/10 06:11:30 - 05/10 08:59:54	Track (-836.4, 273.7) @ 05/10 06:08:30		NE limb AR								
05/10 13:03:00 - 05/10 17:58:24	Track (-808.8, 276.5) @ 05/10 13:00:00		NE limb AR								
05/11 01:12:30 - 05/11 03:48:30	Track (-754.2, 280.8) @ 05/11 00:40:00		NE limb AR								
05/11 06:22:30 - 05/11 08:37:30	Track (-724.3, 282.7) @ 05/11 06:19:30		NE limb AR								
05/11 13:03:00 - 05/11 18:24:54	Track (-686.5, 284.8) @ 05/11 13:00:00		NE limb AR								
05/12 00:33:00 - 05/12 03:59:54	Track (-615.1, 288.0) @ 05/12 00:30:00		NE limb AR								
05/12 05:36:30 - 05/12 08:59:54	Track (-581.3, 289.2) @ 05/12 05:33:30		NE limb AR								
PROG= 04 Inf.-time(s)											
└─ Subr= 1 1-time(s) 2.0sec											
└─ Seqn= 92 1-time(s) 2.0sec											
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0 0 2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0 0 2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0 0 2.0sec
└─ Subr= 2 4-time(s) 2.0sec											
└─ Seqn= 47 1-time(s) 2.0sec											
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2 0 2.0sec
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3 0 2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2 0 2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3 0 2.0sec
└─ Seqn= 77 4-time(s) 300.0sec											
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1 0 2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1 0 95.0sec
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1 1 2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1 1 95.0sec
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1 2 2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1 2 2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer Interval

XOB #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								
05/09 17:28:00 - 05/09 17:37:00	Fixed (0.0, 0.0)		synoptic, shifted 15.0 min								
05/10 06:01:30 - 05/10 06:08:24	Fixed (0.0, 0.0)		synoptic, shifted -1.5 min								
05/10 18:01:30 - 05/10 18:11:30	Fixed (0.0, 0.0)		synoptic, shifted -1.5 min								
05/11 06:12:30 - 05/11 06:19:24	Fixed (0.0, 0.0)		synoptic, shifted 9.5 min								
05/11 18:28:00 - 05/11 18:40:30	Fixed (0.0, 0.0)		synoptic, shifted -3.0 min								
05/12 05:26:30 - 05/12 05:33:24	Fixed (0.0, 0.0)		synoptic, shifted -36.5 min								
PROG= 11 1-time(s)											
└─ Subr= 1 1-time(s) 2.0sec											
└─ Seqn= 5 1-time(s) 2.0sec											
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0 0 2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0 0 2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=98	0 0 2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0 0 2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	0 0 2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer Interval

Seqn= 66		1-time(s)	2.0sec																	
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	5ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	177ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	1.41s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
Seqn= 22		1-time(s)	2.0sec																	
Al-poly/Open	Al-poly/Open	close	Safe	Norm	12ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
Al-poly/Open	Al-poly/Open	close	Safe	Norm	250ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	2.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
Seqn= 19		1-time(s)	2.0sec																	
thin-Be/Open	thin-Be/Open	close	Safe	Norm	44ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
thin-Be/Open	thin-Be/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
thin-Be/Open	thin-Be/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
Seqn= 23		1-time(s)	4.0sec																	
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec							
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
Subr= 2		1-time(s)	2.0sec																	
Seqn= 65		1-time(s)	2.0sec																	
Open/thick-Be	Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec							
Seqn= 17		1-time(s)	2.0sec																	
med-Al/Open	med-Al/thick-Al	close	Safe	Norm	250ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
med-Al/Open	med-Al/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
med-Al/Open	med-Al/Open	close	Safe	Norm	32.0s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
Seqn= 33		1-time(s)	2.0sec																	
med-Be/Open	Open/thick-Al	close	Safe	Norm	125ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
med-Be/Open	med-Be/Open	close	Safe	Norm	5.66s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
med-Be/Open	med-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
Seqn= 89		1-time(s)	2.0sec																	
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	63ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval									

XOB #1D4B: Stray light study 2026-1; Al-mesh and Al-poly, 2x2 full FOV(1min-cad) and 1x1 384 on AR(10sec-cad)			
Term	Pointing (x, y)		Comment
05/09 17:39:30 - 05/09 17:49:54	Fixed (-23.0, -961.0)	XRT	stray light
05/11 18:43:00 - 05/11 19:05:54	Fixed (-800.0, -520.0)	XRT	stray light

PROG= 06		1-time(s)																		
Subr= 2		16-time(s)	2.0sec																	
Seqn= 85		1-time(s)	10.0sec																	
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	2.83s	Obs	1x1	384x384	(1024, 1024)	Q=95	0	0	2.0sec							
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384	(1024, 1024)	Q=95	0	0	2.0sec							
Subr= 3		9-time(s)	2.0sec																	
Seqn= 4		1-time(s)	2.0sec																	
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	1.41s	Obs	2x2	2048x2048	(1024, 1024)	DPCM	0	0	2.0sec							
Al-poly/Open	Al-poly/Open	close	Safe	Norm	2.00s	Obs	2x2	2048x2048	(1024, 1024)	DPCM	0	0	2.0sec							
Seqn= 85		3-time(s)	10.0sec																	
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	2.83s	Obs	1x1	384x384	(1024, 1024)	Q=95	0	0	2.0sec							
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384	(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 #1D11: HOP480 - Filter-Ratio with thin-Be and Med-Be (short) with PFB, 384x384 at 1064 1048, with G-band (1ms/1ms VLS=CLS), 60 cad			
Term	Pointing (x, y)		Comment
05/09 18:16:00 - 05/10 00:12:30	Track (-877.1, 268.4) ^{Ⓜ 05/09 17:50:00}	HOP526	
05/10 18:47:00 - 05/11 00:41:00	Track (-784.9, 278.5) ^{Ⓜ 05/10 18:21:00}	HOP526	
05/11 19:18:30 - 05/12 00:29:54	Track (-649.6, 286.6) ^{Ⓜ 05/11 19:06:00}	HOP526	

PROG= 18		Inf.-time(s)																		
Subr= 1		1-time(s)	10.0sec																	
Seqn= 1		2-time(s)	5.0sec																	
thin-Be/Open	thin-Be/Open	close	Safe	Dark	1.00s	Obs	1x1	384x384	(1064, 1048)	Q=98	0	0	2.0sec							
Subr= 2		240-time(s)	60.0sec																	
Seqn= 61		1-time(s)	2.0sec																	
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3	0	2.0sec							
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384	(1064, 1048)	Q=95	3	0	2.0sec							
Seqn= 28		1-time(s)	2.0sec																	
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3	3	2.0sec							
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384	(1064, 1048)	Q=95	3	3	2.0sec							
Subr= 3		240-time(s)	60.0sec																	
Seqn= 61		1-time(s)	2.0sec																	
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3	0	2.0sec							
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384	(1064, 1048)	Q=95	3	0	2.0sec							
Seqn= 28		1-time(s)	2.0sec																	
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3	3	2.0sec							
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384	(1064, 1048)	Q=95	3	3	2.0sec							
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval									

XOB #1D28: HOP349 - 3-filter Synoptics (Al-mesh[8/181/2897], Al-poly[16/181/4096], thin-Be[64/1024/11571] with 512x512 G-band+Leak(1064,1048) - 45 min			
Term	Pointing (x, y)		Comment
05/10 04:03:00 - 05/10 05:58:24	Fixed (0.0, 0.0)	HOP349	

05/11 04:28:30 - 05/11 05:17:30 Fixed (0.0, 0.0) HOP349
 05/12 04:03:00 - 05/12 05:23:24 Fixed (0.0, 0.0) HOP349

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= 84		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	177ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec		
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec		
Seqn= 57		1-time(s)		2.0sec											
thin-Be/Open	thin-Be/Open	close	Safe	Norm	63ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec		
thin-Be/Open	thin-Be/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec		
thin-Be/Open	thin-Be/Open	close	Safe	Norm	11.3s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec		
Seqn= 81		1-time(s)		2.0sec											
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		10-time(s)		720.0sec											
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 #1D4C: Stray light study 2026-2 ;Thin-Be, 2x2 full FOV(1min-cad) and 1x1 384 at Center (10sec-cad)

Term	Pointing (x, y)	Comment
05/11 00:43:30 - 05/11 01:00:00	Track (-754.2, 280.8) @ 05/11 00:40:00	NE limb AR

PROG= 16 1-time(s)

Subr= 2		16-time(s)		2.0sec											
Seqn= 32		1-time(s)		10.0sec											
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	2.83s	Obs	1x1	384x384	(1024, 1024)	Q=95	0	0	2.0sec		
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384	(1024, 1200)	Q=95	0	0	2.0sec		
Subr= 3		7-time(s)		2.0sec											
Seqn= 12		1-time(s)		2.0sec											
thin-Be/Open	thin-Be/Open	close	Safe	Norm	11.3s	Obs	2x2	2048x2048	(1024, 1024)	DPCM	0	0	2.0sec		
Seqn= 32		3-time(s)		10.0sec											
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	2.83s	Obs	1x1	384x384	(1024, 1024)	Q=95	0	0	2.0sec		
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384	(1024, 1200)	Q=95	0	0	2.0sec		
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval				

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Flare mode

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XOB #1D35: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Be/thick), AEC 3, 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512x512 2x2) + GB

Term	Pointing (x, y)	Comment
05/09 11:36:00 - 05/09 12:46:00	Track (500.8, 212.7) @ 05/09 11:27:00	# OP start + 10min HOP525 (AR14432)
05/09 13:14:00 - 05/09 17:24:54	Track (-889.9, 266.1) @ 05/09 13:00:00	NE limb AR
05/10 00:40:30 - 05/10 03:17:30	Track (-857.2, 271.2) @ 05/10 00:18:00	NE limb AR
05/10 04:03:00 - 05/10 05:58:24	Fixed (0.0, 0.0)	HOP349
05/10 06:11:30 - 05/10 08:59:54	Track (-836.4, 273.7) @ 05/10 06:08:30	NE limb AR
05/10 09:03:00 - 05/10 12:59:54	Track (647.3, 204.2) @ 05/10 09:00:00	HOP525
05/10 13:03:00 - 05/10 17:58:24	Track (-808.8, 276.5) @ 05/10 13:00:00	NE limb AR
05/11 01:12:30 - 05/11 03:48:30	Track (-754.2, 280.8) @ 05/11 00:40:00	NE limb AR
05/11 04:28:30 - 05/11 05:17:30	Fixed (0.0, 0.0)	HOP349
05/11 06:22:30 - 05/11 08:37:30	Track (-724.3, 282.7) @ 05/11 06:19:30	NE limb AR
05/11 09:23:00 - 05/11 12:59:54	Track (776.0, 193.5) @ 05/11 09:00:00	HOP525
05/11 13:03:00 - 05/11 18:24:54	Track (-686.5, 284.8) @ 05/11 13:00:00	NE limb AR
05/12 00:33:00 - 05/12 03:59:54	Track (-615.1, 288.0) @ 05/12 00:30:00	NE limb AR
05/12 04:03:00 - 05/12 05:23:24	Fixed (0.0, 0.0)	HOP349
05/12 05:36:30 - 05/12 08:59:54	Track (-581.3, 289.2) @ 05/12 05:33:30	NE limb AR
05/12 09:03:00 - 05/12 10:49:30	Fixed (856.0, 183.0)	HOP525

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	

XOB #1D10: Flare - multifilter 5 sec cadence (Be/thin, Be/med), AEC 3, 384x384													
Term	Pointing (x, y)								Comment				
05/09 18:16:00 - 05/10 00:12:30	Track (	-877.1,	268.4)	@ 05/09 17:50:00	HOP526								
05/10 18:47:00 - 05/11 00:41:00	Track (	-784.9,	278.5)	@ 05/10 18:21:00	HOP526								
05/11 19:18:30 - 05/12 00:29:54	Track (	-649.6,	286.6)	@ 05/11 19:06:00	HOP526								
PROG= 10 1-time(s)													
Subr= 1		1-time(s)	2.0sec										
Seqn= 67		1-time(s)	2.0sec										
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2		1-time(s)	2.0sec										
Seqn= 59		255-time(s)	5.0sec										
	thin-Be/Open	med-Be/Open	close	Safe	Norm	8ms	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
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

* * * * *

Active Region Search

* * * * *

NOT USED

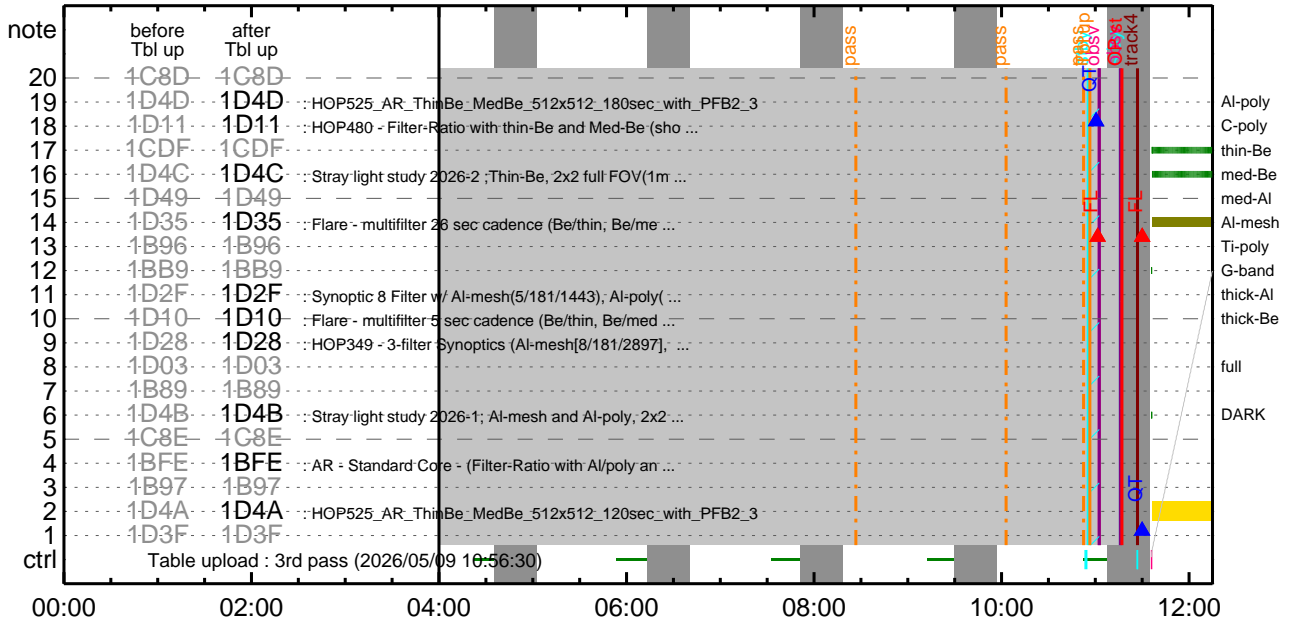
* * * * *

Flare Detection

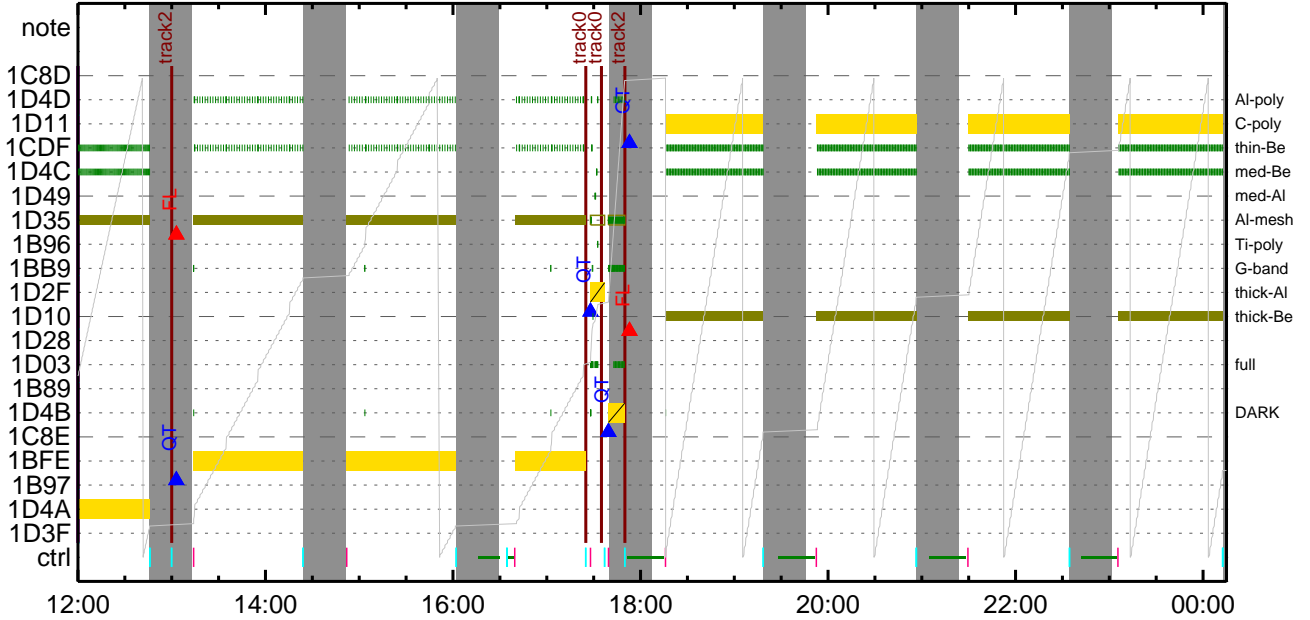
* * * * *

FLD Patrol													
Term	Pointing (x, y)								Comment				
05/09 10:57:30 - 05/09 17:25:18	cannot be identified												
05/09 17:50:18 - 05/10 05:58:48	Track (	-877.1,	268.4)	@ 05/09 17:50:00	HOP526								
05/10 06:08:48 - 05/10 17:58:48	Track (	-836.4,	273.7)	@ 05/10 06:08:30	NE limb AR								
05/10 18:21:18 - 05/11 00:41:24	Track (	-784.9,	278.5)	@ 05/10 18:21:00	HOP526								
05/11 01:00:24 - 05/11 06:09:48	Track (	-754.2,	280.8)	@ 05/11 00:40:00	NE limb AR								
05/11 06:19:48 - 05/11 18:25:18	Track (	-724.3,	282.7)	@ 05/11 06:19:30	NE limb AR								
05/11 19:06:18 - 05/12 05:23:48	Track (	-649.6,	286.6)	@ 05/11 19:06:00	HOP526								
05/12 05:33:48 - 05/14 10:39:00	Track (	-581.3,	289.2)	@ 05/12 05:33:30	NE limb AR								
	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	

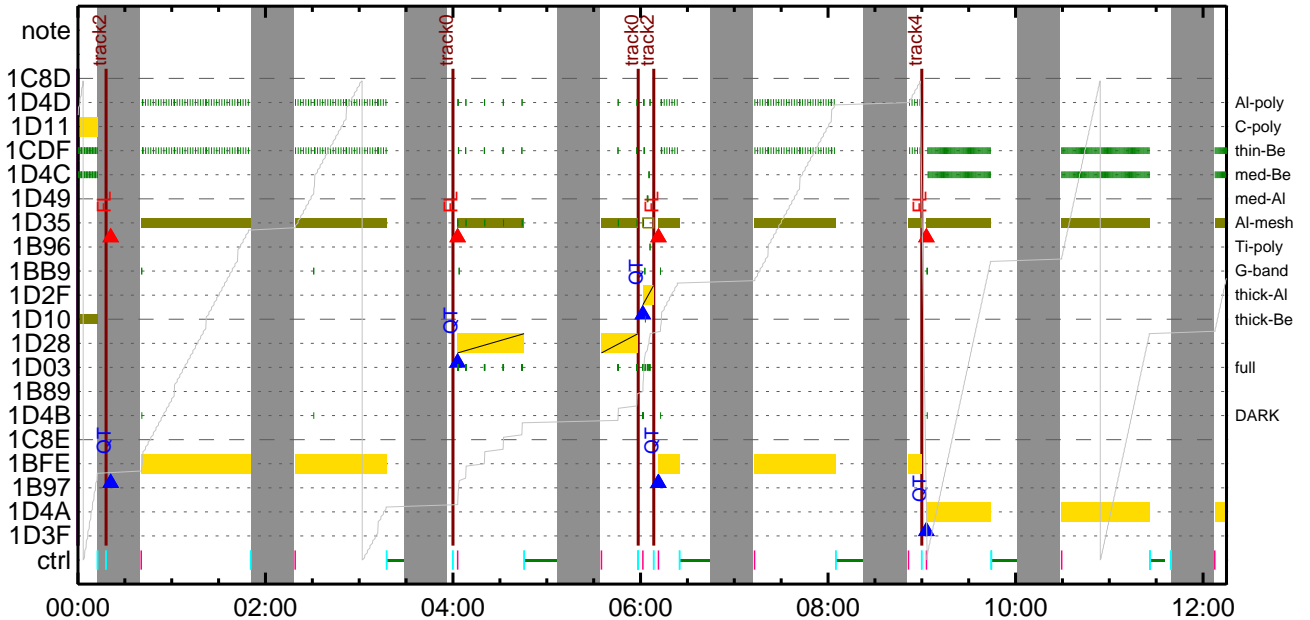
CMDI #0305 2026/05/09



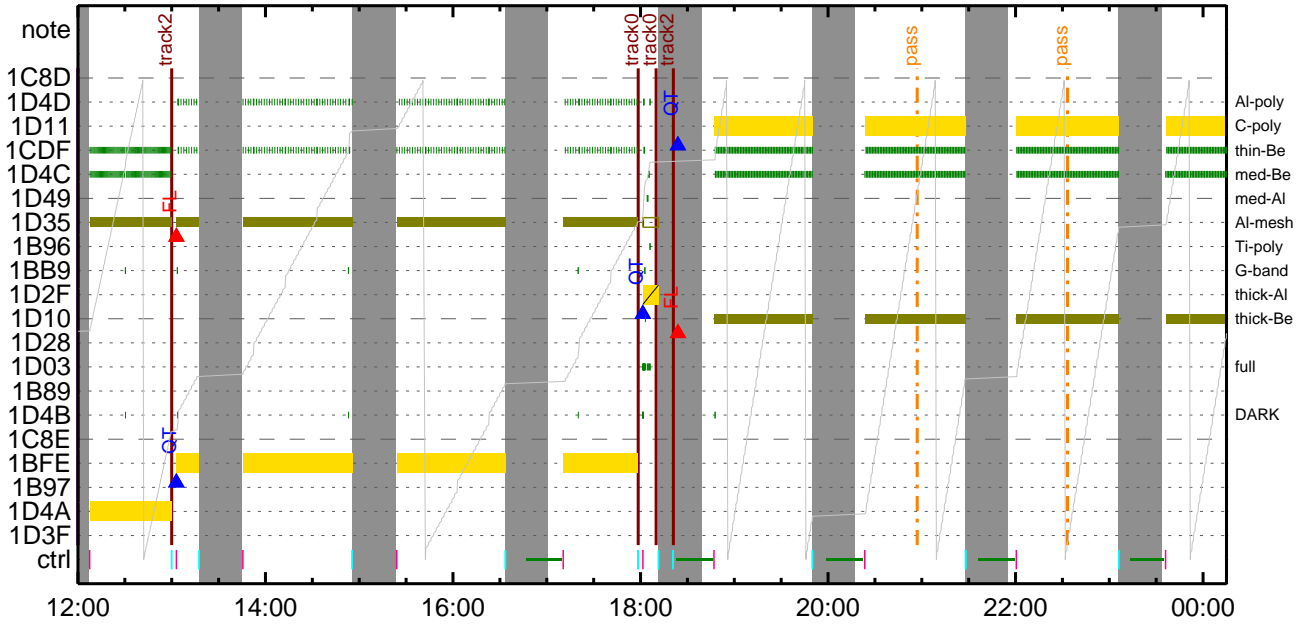
CMDI #0305 2026/05/09



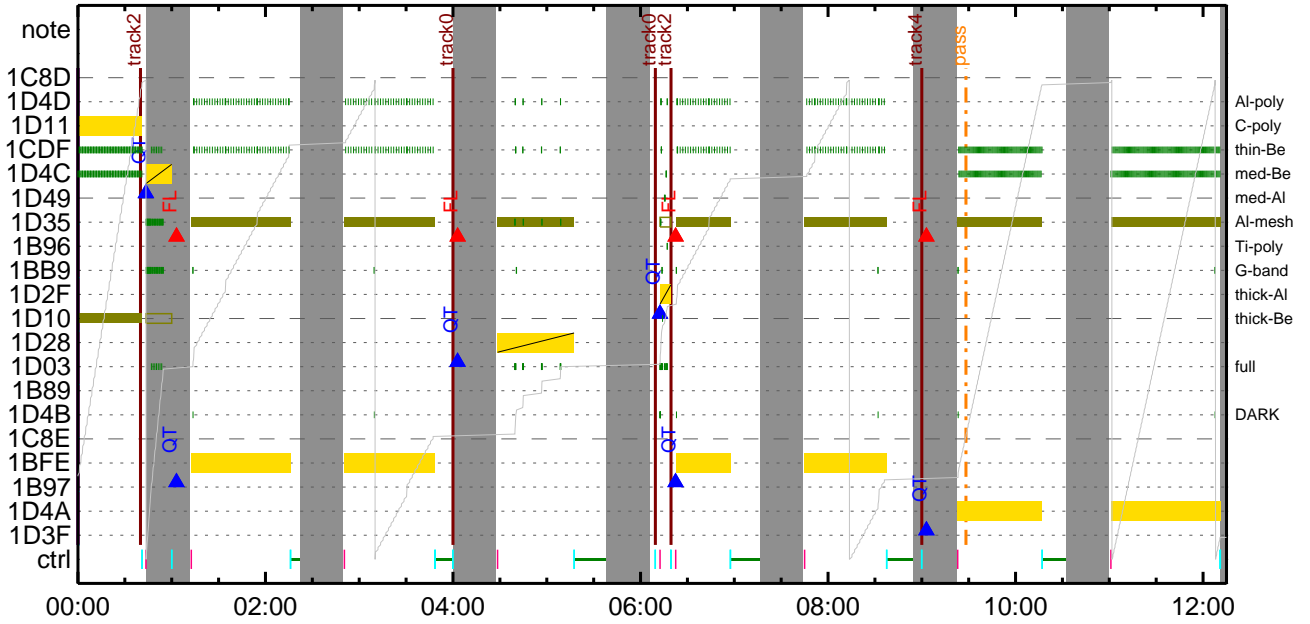
CMDI #0305 2026/05/10



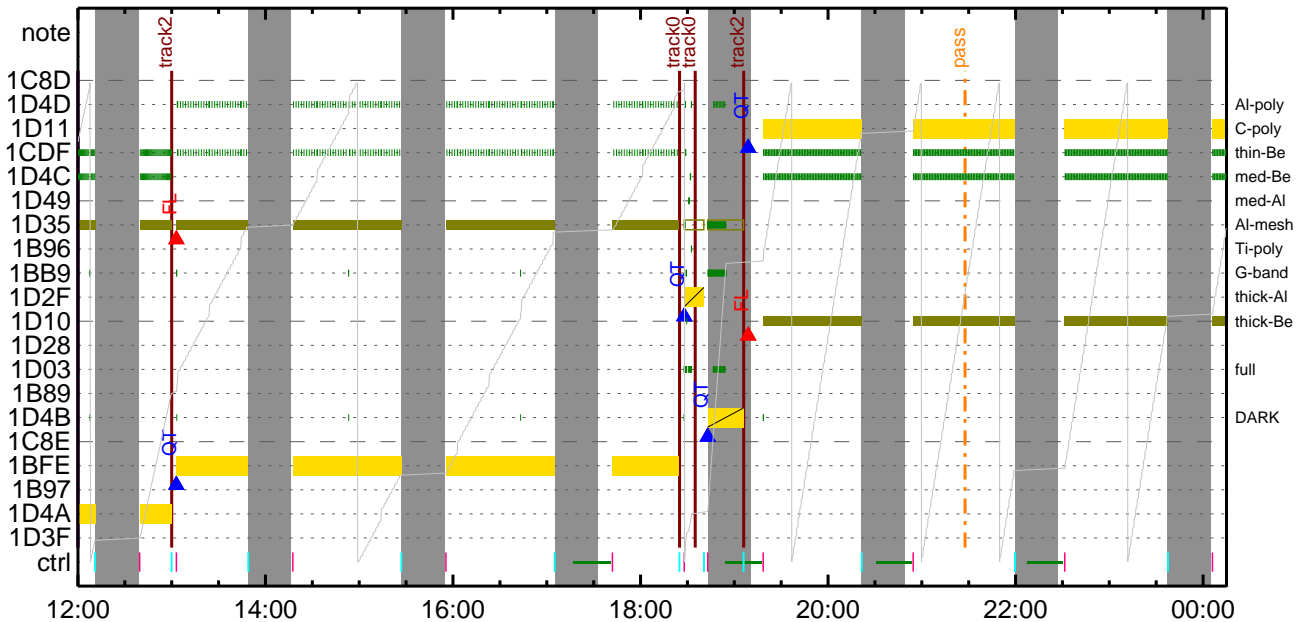
CMDI #0305 2026/05/10



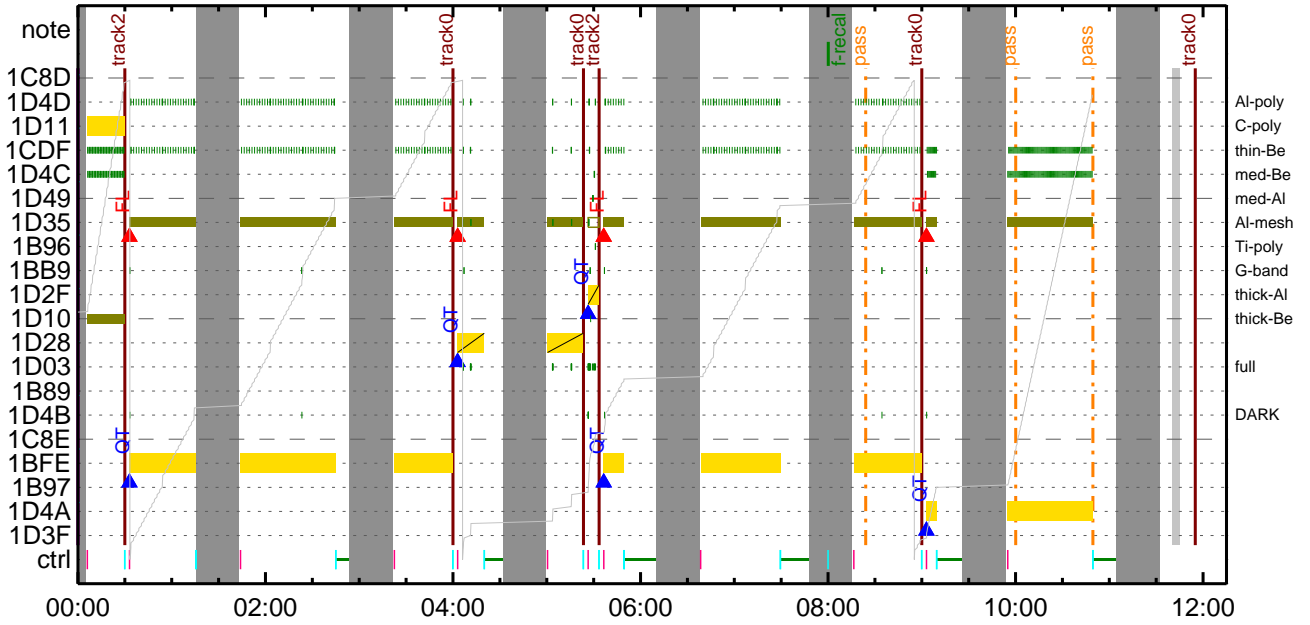
CMDI #0305 2026/05/11



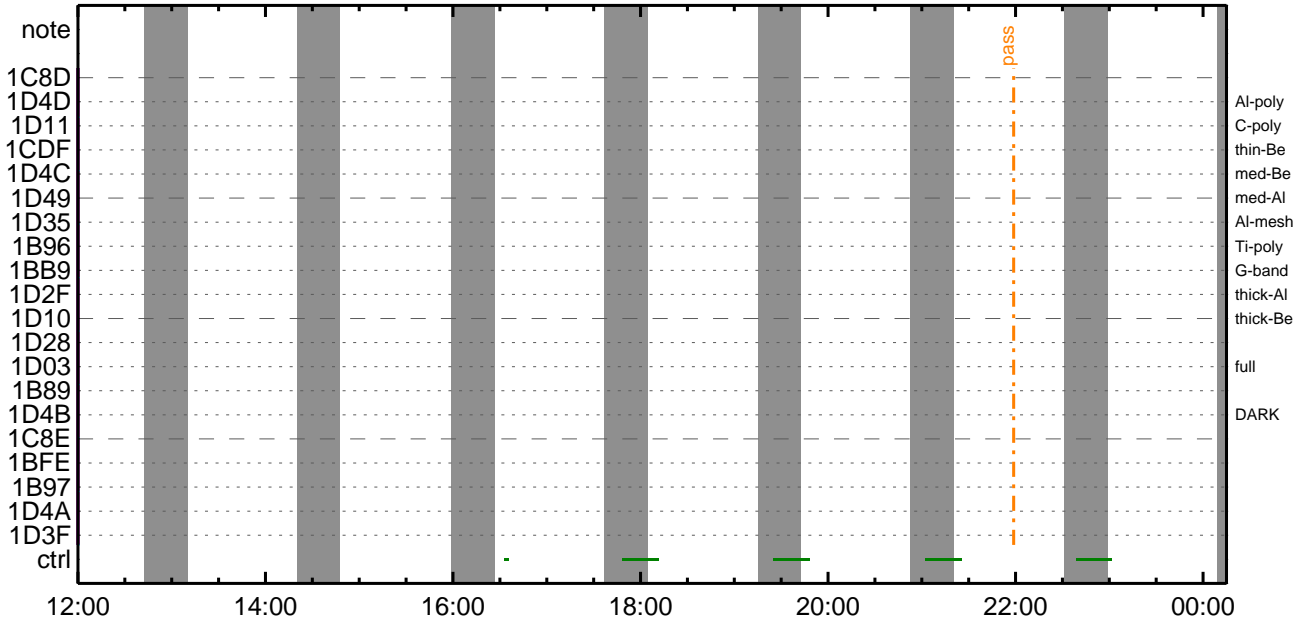
CMDI #0305 2026/05/11



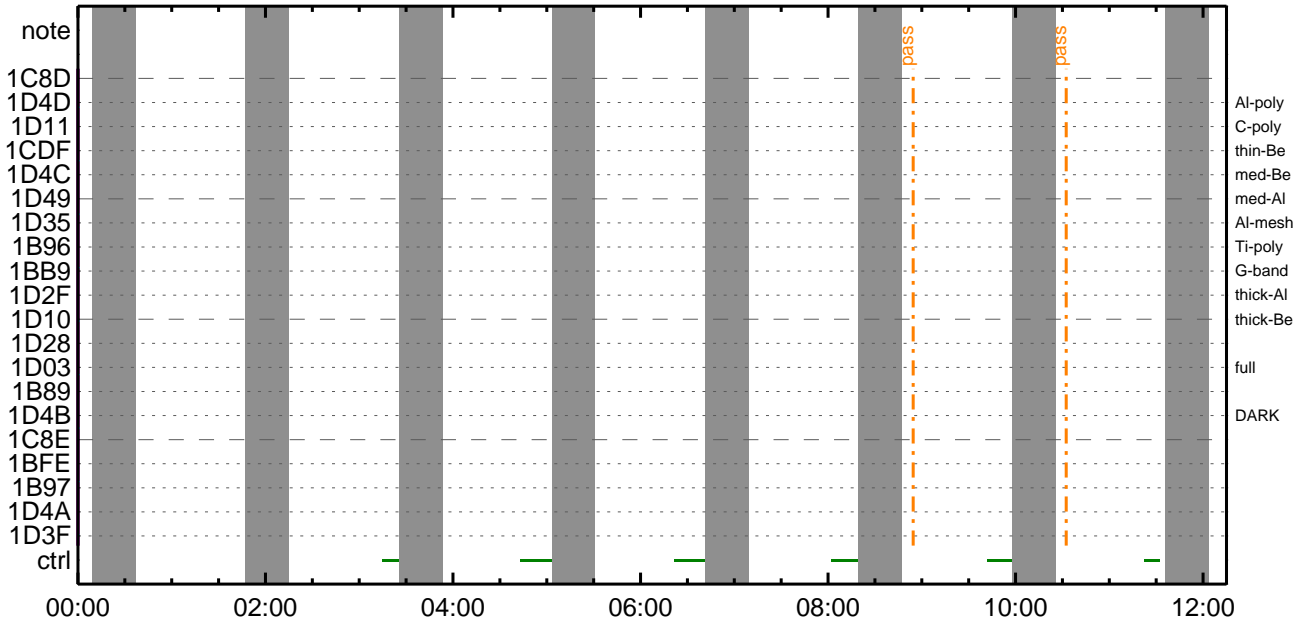
CMDI #0305 2026/05/12



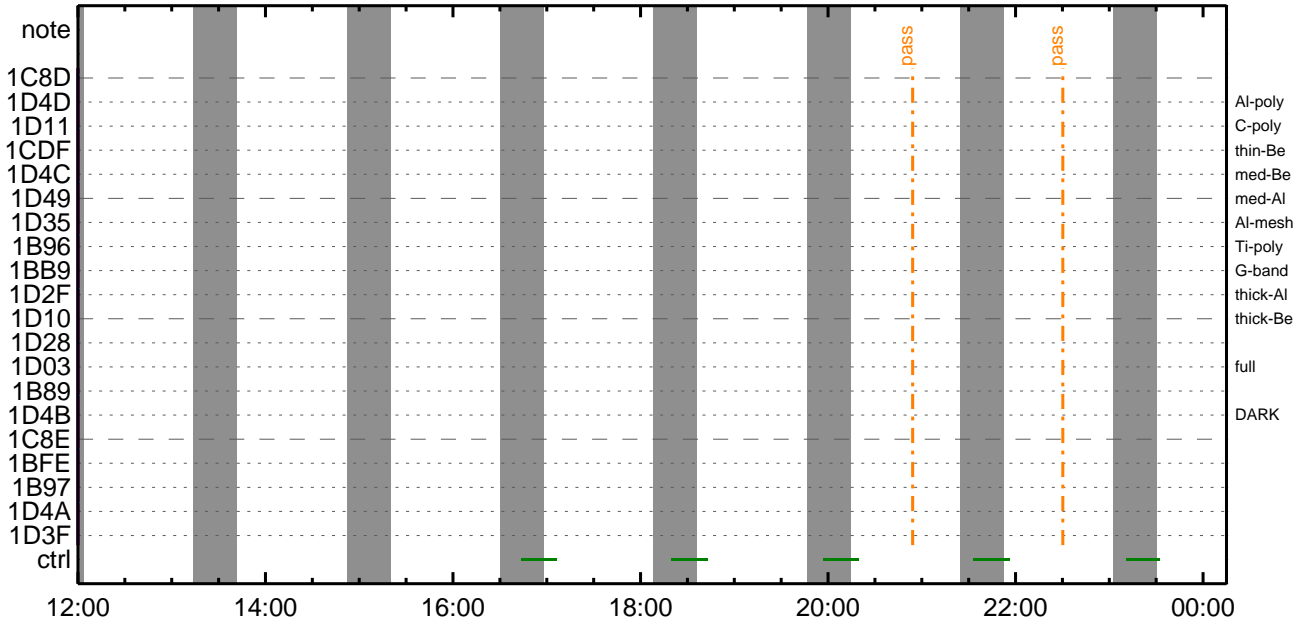
CMDI #0305 2026/05/12



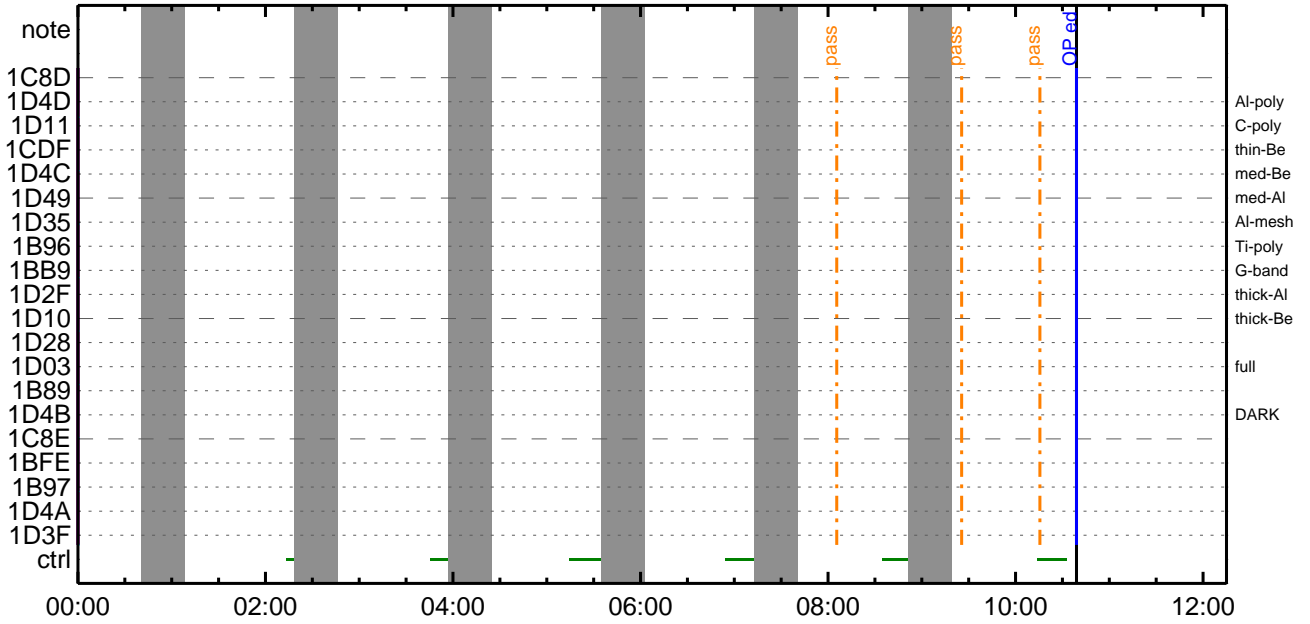
CMDI #0305 2026/05/13



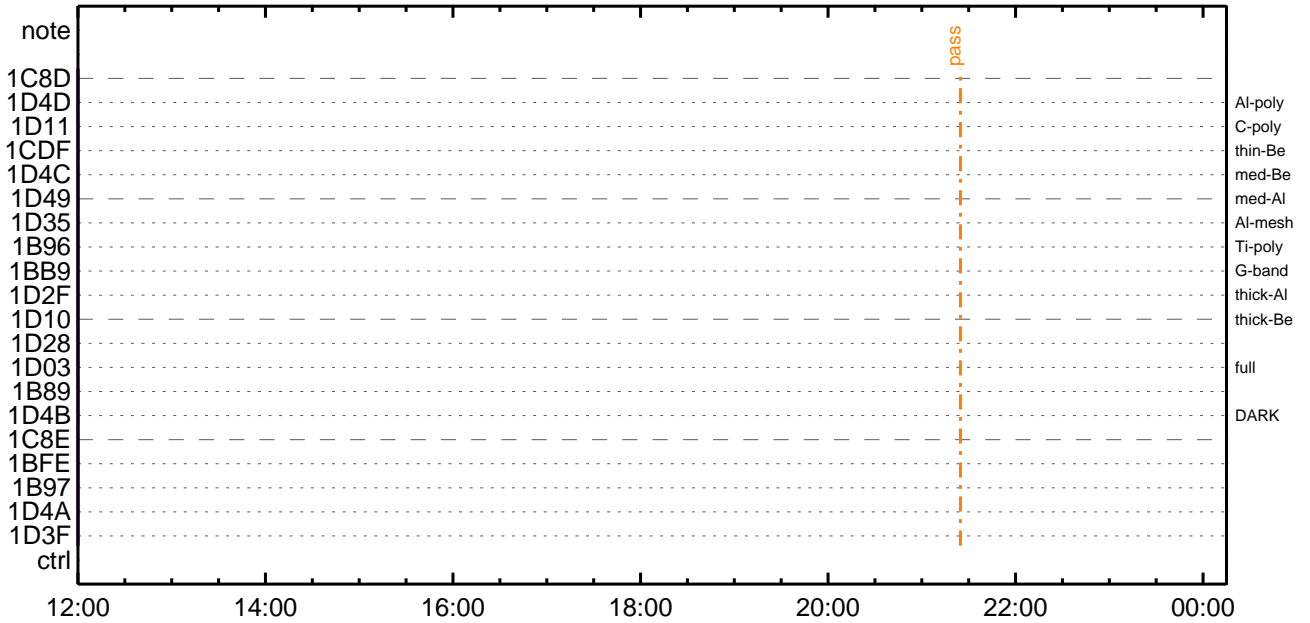
CMDI #0305 2026/05/13



CMDI #0305 2026/05/14



CMDI #0305 2026/05/14



(a) Spacecraft Operation Procedure (real-commands)

```
main-966 2026-05-09 11:40:26 85 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŸÁŸSŸÄŸ~¼Ä»Û;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. Áí;Èñ¿ñÄñ•µ°È»Í×ÁÇñÍŸçŸÄŸ×Ÿí;¼ŸÉ;ÈÈè¼µ•ííÈ;ÈñÈ¼°ÇÖñ•ñ¿¼í¹ÇñÍ;çÄ®, ùñ¹ñèñDñÇÄ÷¿®ñ•ñÈñññ³ñÈ;ñ
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. ***** AOCS Commands (Tracking Curve Upload) *****
0015 C. Upload the Orbit Element and the Target Attitude
0016 C. RAM-ID:TARGET_ATT
0017 . S. RAM ram-150:TARGET_ATT
0018 ( )
0019 C.
0020 C.
0021 C. Set the dump memory area of TARGET_ATT
0022 +. DC 02-48 AOCU_DUMP_SET
0023 BC (07 00 00 00 18 00)
0024 C.
0025 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0026 C.
0027 C.
0028 C. Change the TLMFormatNo for the AOCS Dump Format
0029 +. DC 01-22 DHU_MODE_CHNG
0030 BC (04 0b f8)
0031 C.
0032 C. Wait for AOCSDUMP to end
0033 C.
0034 . C. Check the dump memory
0035 C.
0036 C. Result = OK [ ]
0037 C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039 BC (02 0a f8)
0040 C.
0041 C. <A_***>[TLM STS] FMT = 2 [ ]
0042 C.
0043 +. DC 02-8E AOCU_ORB_UPD
0044 . C.
0045 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0046 +. DC 07-FC EIS_MODE_CHG_ENA
0047 BC (20)
0048 . C. Verify EIS_MODE_CHG_FLG is ENA
0049 +. DC 07-FC EIS_MODE_MANU
0050 BC (21 02)
0051 . C. Verify EIS in MANUAL mode
0052 . C. Estimated OBSTBL upload time is 47s
0053 C. *****
0054 C. EIS START OBSTBL LOAD
0055 C. *****
0056 . S. RAM ram-820:EIS_OBSTBL
0057 ( )
0058 +. DC 07-FC EIS_DUMP_OBSTBL
0059 BC (07 07 07 00 00 70 00)
0060 C.
0061 C. Execute, after the success of OBSTBL upload.
0062 C. Set EIS TI-commands
0063 +. TI 2026-05-09 11:16:50.0
0064 DC 07-FC EIS_MODE_CHG_ENA
0065 BC (20)
0066 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0067 C. *****
0068 C. EIS END OBSTBL LOAD
0069 C. *****
0070 C.
0071 . C. ***** MDP ´ûÄÎñÍ»ó¼ŸñÈÄñ¹ñèDCBC•×²è *****
0072 C. (¾å°íŸÓŸÄŸÈŸDŸŸÈŸáŸçŸëñÈ¼¼ñ¼Ä»Ûñ¹ñè)
0073 . S. DC-BC dcbc-402:DCBC
0074 (MDP_known_event)
0075 C.
0076 C.
0077 . C. ***** ŸDŸ¹!•Ï Daily±¿ÍññÈ´Øñ¹ñèDCBC•×²è *****
0078 . S. DC-BC dcbc-153:DCBC
0079 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0080 C.
0081 C.
0082 . C. ;ãLOSŸÁŸSŸÄŸ~¼Ä»Û;ä
0083 C.
0084 . C. ***** LOS *****
0085 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-967 2026-05-09 11:40:26 102 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŸÁŸSŸÄŸ~¼Ä»Û;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. ÁíË¼¿Äñ•µ°È»Í×ÁÇñÍŸçŸÄŸ×Ÿí;¼ŸÉ;ËÈè¼•íÍË;ËñÈ¼°ÇÒñ•ñ¿¼í¹ÇñÍ;çÄ®, ùñ¹ñèñDñÇÄ÷¿®ñ•ñÈñññ³ñÈ;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 +. DC 07-F0 MDP_XRT_CTRL_MANU
0020 BC (c1)
0021 + DC 07-F0 MDP_XRT_MODE_STBY
0022 BC (c3)
0023 . C. ----- Success Verify ? OK / NG____
0024 C.
0025 C. XRT Obs. Table Upload
0026 . S. RAM ram-291:MDP_OBS_X
0027 ()
0028 C.
0029 +. DC 07-F0 MDP_DUMP_XRTTBL
0030 BC (84 07 00 00 00 3a d4)
0031 . C. ----- Comparison Check ? OK / ERR ____
0032 C.
0033 C.
0034 +. DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 01 b1 b1 04 04)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 02 b1 b1 08 08)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 03 b1 b1 08 08)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 04 b1 b1 06 06)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 06 85 83 06 06)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 07 85 83 08 08)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 08 80 80 20 20)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 09 80 80 20 08)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0a 80 80 08 20)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0b 80 80 06 06)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0c 80 96 06 06)
0056 + DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 0f 80 80 06 06)
0058 + DC 07-F0 MDP_XRT_ROI_SET
0059 BC (cd 10 80 80 08 08)
0060 + DC 07-F0 MDP_XRT_FLD_ENA
0061 BC (d8)
0062 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0063 BC (c8)
0064 + DC 07-F0 MDP_XRT_ARS_DIS
0065 BC (d5)
0066 + DC 07-F0 MDP_XRT_AEC_RESET
0067 BC (d0)
0068 + DC 07-F0 MDP_XRT_FLD_RESET
0069 BC (da)
0070 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0071 BC (c4 13)
0072 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0073 BC (c5 0e)
0074 . C. ----- Success Verify ? OK / NG ____
0075 C.
0076 C.
0077 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0078 C.
0079 +. DC 07-F0 MDP_XRT_MODE_OBSV
0080 BC (c2)
0081 +. TI 2026-05-09 11:16:02.0
0082 DC 07-F0 MDP_XRT_MODE_OBSV
0083 BC (c2)
0084 . C. ----- Success Verify ? OK / NG ____
0085 C.
0086 C. ***** XRT END *****
0087 C.
0088 . C. ***** MDP 'úÃîñÍ»ö¼ŸñÈÄñ¹ñèDCBC•x²è *****
0089 C. (¾ã°íŸóŸÄŸÉŸDŸÉŸÄŸçŸèñÈ¾¼ññ¼Ä»Ûñ¹ñè)
0090 . S. DC-BC dcbc-402:DCBC
0091 (MDP_known_event)
0092 C.
0093 C.
0094 . C. ***** ŸDŸ¹•í Daily÷¿íññÈ'Øñ¹ñèDCBC•x²è *****
0095 . S. DC-BC dcbc-153:DCBC
```

```
0096 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0097 C.
0098 C.
0099 . C. ;ãLOSŸÁŸSŸÃŸ~¼Ã»Û;ã
0100 C.
0101 . C. ***** LOS *****
0102 C.
```

*** OP Sequence for XRT ***

2026/05/09	11:26:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/05/09	11:26:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/05/09	11:26:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2026/05/09	11:27:00.0	AOCS_Ore-point_Start_1_OG [0x097]						
		AOCU_NM	5	02-76	04 03 a5 02 0c			
2026/05/09	11:27:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2026/05/09	11:27:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2026/05/09	11:27:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2026/05/09	11:27:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2026/05/09	11:27:26.0	XRT_FLD_RESET_401_OG [0x191]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2026/05/09	11:29:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02			
2026/05/09	11:29:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e			
2026/05/09	11:35:00.0	XRT_Custom_430_OG [0x1ae]						
2026/05/09	11:36:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/05/09	12:46:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/05/09	12:46:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/05/09	12:46:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2026/05/09	12:46:06.0	XRT_PREFLR_STRT_431_OG [0x1af]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2026/05/09	12:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/05/09	12:59:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/05/09	12:59:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/05/09	12:59:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2026/05/09	13:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]						
		AOCU_NM	5	02-76	02 03 a5 02 0c			
2026/05/09	13:00:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2026/05/09	13:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2026/05/09	13:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2026/05/09	13:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2026/05/09	13:00:26.0	XRT_FLD_RESET_401_OG [0x191]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2026/05/09	13:02:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04			
2026/05/09	13:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e			
2026/05/09	13:13:00.0	XRT_Custom_430_OG [0x1ae]						
2026/05/09	13:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/05/09	14:24:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/05/09	14:24:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/05/09	14:24:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2026/05/09	14:24:06.0	XRT_PREFLR_STRT_431_OG [0x1af]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2026/05/09	14:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/05/09	14:51:00.0	XRT_Custom_430_OG [0x1ae]						
2026/05/09	14:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/05/09	16:02:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/05/09	16:02:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/05/09	16:02:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2026/05/09	16:02:06.0	XRT_PREFLR_STRT_431_OG [0x1af]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2026/05/09	16:05:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/05/09	16:34:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/05/09	16:34:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/05/09	16:34:34.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2026/05/09	16:34:36.0	XRT_PREFLR_STRT_431_OG [0x1af]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			

2026/05/09	16:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/05/09	16:38:30.0	XRT_Custom_430_OG [0x1ae]							
2026/05/09	16:39:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/05/09	17:24:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/09	17:24:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/09	17:24:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2026/05/09	17:25:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2026/05/09	17:25:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2026/05/09	17:25:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2026/05/09	17:25:22.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/05/09	17:27:58.0	XRT_QT_PROG_SET_447_OG [0x1bf]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b				
2026/05/09	17:28:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/05/09	17:35:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 55 68 02 0c				
2026/05/09	17:37:00.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/09	17:37:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/09	17:37:04.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2026/05/09	17:37:24.0	XRT_FLD_DIS_446_OG [0x1be]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2026/05/09	17:39:24.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2026/05/09	17:39:26.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/05/09	17:39:28.0	XRT_QT_PROG_SET_403_OG [0x193]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06				
2026/05/09	17:39:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/05/09	17:49:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/09	17:49:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/09	17:49:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2026/05/09	17:50:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	02 03 a5 02 0c				
2026/05/09	17:50:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/05/09	17:50:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/05/09	17:50:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/05/09	17:50:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/05/09	17:50:26.0	XRT_FLD_RESET_401_OG [0x191]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/05/09	17:52:56.0	XRT_QT_PROG_SET_437_OG [0x1b5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12				
2026/05/09	17:52:58.0	XRT_FL_PROG_SET_441_OG [0x1b9]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0a				
2026/05/09	18:15:00.5	XRT_Custom_430_OG [0x1ae]							
2026/05/09	18:16:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/05/09	19:18:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/09	19:18:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/09	19:18:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/05/09	19:18:36.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/05/09	19:21:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/05/09	19:51:30.0	XRT_Custom_430_OG [0x1ae]							
2026/05/09	19:52:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/05/09	20:56:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/09	20:56:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/09	20:56:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/05/09	20:56:36.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/05/09	20:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/05/09	21:28:30.0	XRT_Custom_430_OG [0x1ae]							
2026/05/09	21:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/05/09	22:34:30.0	XRT_CTRL_MANU_400_OG [0x190]							

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2026/05/09	22:34:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/05/09	22:34:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/05/09	22:34:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/05/09	22:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2026/05/09	23:04:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/05/09	23:05:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/05/10	00:12:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/05/10	00:12:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/05/10	00:12:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/05/10	00:12:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2026/05/10	00:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/05/10	00:17:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/05/10	00:17:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/05/10	00:17:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2026/05/10	00:18:00.0	AOCS_Or-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	02 03 a5 02 0c			
2026/05/10	00:18:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2026/05/10	00:18:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2026/05/10	00:18:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2026/05/10	00:18:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2026/05/10	00:18:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/05/10	00:20:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04			
2026/05/10	00:20:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e			
2026/05/10	00:39:30.0	XRT_Custom_430_OG [0x1ae]							
2026/05/10	00:40:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/05/10	01:50:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/05/10	01:50:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/05/10	01:50:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/05/10	01:50:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2026/05/10	01:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/05/10	02:18:00.0	XRT_Custom_430_OG [0x1ae]							
2026/05/10	02:19:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/05/10	03:17:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/05/10	03:17:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/05/10	03:17:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/05/10	03:17:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2026/05/10	03:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/05/10	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/05/10	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/05/10	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2026/05/10	04:00:00.0	AOCS_Or-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00			
2026/05/10	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2026/05/10	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2026/05/10	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2026/05/10	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2026/05/10	04:00:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/05/10	04:02:56.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09			
2026/05/10	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e			
2026/05/10	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							

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2026/05/10	04:45:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/10	04:45:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/10	04:45:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2026/05/10	04:45:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/05/10	04:48:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/05/10	05:34:00.0	XRT_Custom_430_OG [0x1ae]								
2026/05/10	05:35:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/05/10	05:58:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/10	05:58:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/10	05:58:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2026/05/10	05:58:30.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00				
2026/05/10	05:58:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2026/05/10	05:58:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2026/05/10	05:58:52.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/05/10	06:01:28.0	XRT_OT_PROG_SET_447_OG [0x1bf]	MDP_XRT_OT_PROG_SET	2	07-F0	c4 0b				
2026/05/10	06:01:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/05/10	06:08:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/10	06:08:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/10	06:08:28.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2026/05/10	06:08:30.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	02 03 a5 02 0c				
2026/05/10	06:08:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/05/10	06:08:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/05/10	06:08:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/05/10	06:08:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/05/10	06:08:56.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da				
2026/05/10	06:11:26.0	XRT_OT_PROG_SET_435_OG [0x1b3]	MDP_XRT_OT_PROG_SET	2	07-F0	c4 04				
2026/05/10	06:11:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2026/05/10	06:11:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/05/10	06:25:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/10	06:25:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/10	06:25:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2026/05/10	06:25:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/05/10	06:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/05/10	07:12:00.0	XRT_Custom_430_OG [0x1ae]								
2026/05/10	07:13:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/05/10	08:05:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/10	08:05:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/10	08:05:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2026/05/10	08:05:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/05/10	08:08:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/05/10	08:50:30.0	XRT_Custom_430_OG [0x1ae]								
2026/05/10	08:51:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/05/10	08:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/10	08:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/10	08:59:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2026/05/10	09:00:00.5	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04 03 a5 02 0c				
2026/05/10	09:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/05/10	09:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								

2026/05/10	09:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
			MDP_XRT_AEC_RESET	1	07-F0	d0	
2026/05/10	09:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2026/05/10	09:00:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/05/10	09:02:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02
2026/05/10	09:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2026/05/10	09:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/05/10	09:44:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/05/10	09:44:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/05/10	09:44:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/05/10	09:44:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/05/10	09:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/05/10	10:28:30.0	XRT_Custom_430_OG [0x1ae]					
2026/05/10	10:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/05/10	11:26:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/05/10	11:26:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/05/10	11:26:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/05/10	11:26:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/05/10	11:29:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/05/10	11:39:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/05/10	11:39:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/05/10	11:39:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/05/10	11:39:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/05/10	11:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/05/10	12:06:30.0	XRT_Custom_430_OG [0x1ae]					
2026/05/10	12:07:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/05/10	12:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/05/10	12:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/05/10	12:59:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2026/05/10	13:00:00.0	AOCs_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	02 03	a5 02 0c
2026/05/10	13:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2026/05/10	13:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2026/05/10	13:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2026/05/10	13:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2026/05/10	13:00:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/05/10	13:02:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	04
2026/05/10	13:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2026/05/10	13:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/05/10	13:17:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/05/10	13:17:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/05/10	13:17:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/05/10	13:17:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/05/10	13:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/05/10	13:44:30.0	XRT_Custom_430_OG [0x1ae]					
2026/05/10	13:45:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/05/10	14:55:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/05/10	14:55:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/05/10	14:55:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/05/10	14:55:36.0	XRT_PREFLR_STRT_431_OG [0x1af]					

2026/05/10	14:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e8		
2026/05/10	15:23:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/05/10	15:24:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/05/10	16:33:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/10	16:33:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/10	16:33:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/05/10	16:33:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/05/10	16:36:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/05/10	17:09:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/05/10	17:10:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/10	17:58:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/10	17:58:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/10	17:58:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2026/05/10	17:58:30.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00		
2026/05/10	17:58:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2026/05/10	17:58:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2026/05/10	17:58:52.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2026/05/10	18:01:28.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b		
2026/05/10	18:01:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/05/10	18:10:00.0	AOCS_ORe-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00 ac 73 00 00		
2026/05/10	18:11:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/10	18:11:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/10	18:11:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/05/10	18:11:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/05/10	18:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/05/10	18:20:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/10	18:20:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/10	18:20:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2026/05/10	18:21:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	02 03 a5 02 0c		
2026/05/10	18:21:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2026/05/10	18:21:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2026/05/10	18:21:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2026/05/10	18:21:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2026/05/10	18:21:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/05/10	18:23:56.0	XRT_QT_PROG_SET_437_OG [0x1b5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12		
2026/05/10	18:23:58.0	XRT_FL_PROG_SET_441_OG [0x1b9]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0a		
2026/05/10	18:46:00.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/05/10	18:47:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/10	19:50:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/10	19:50:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/10	19:50:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/05/10	19:50:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/05/10	19:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/05/10	20:22:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/05/10	20:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/10	21:28:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/10	21:28:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/10	21:28:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		

2026/05/10	21:28:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/05/10	21:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/05/10	21:59:30.0	XRT_Custom_430_OG [0x1ae]						
2026/05/10	22:00:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/05/10	23:06:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/10	23:06:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/10	23:06:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/05/10	23:06:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/05/10	23:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/05/10	23:35:00.0	XRT_Custom_430_OG [0x1ae]						
2026/05/10	23:36:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/05/11	00:40:00.0	AOCs_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	02 03 a5 02 0c		
2026/05/11	00:41:00.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/11	00:41:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/11	00:41:04.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2026/05/11	00:41:24.0	XRT_FLD_DIS_446_OG [0x1be]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2026/05/11	00:43:24.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2026/05/11	00:43:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2026/05/11	00:43:28.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10		
2026/05/11	00:43:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/05/11	01:00:00.5	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/11	01:00:02.5	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/11	01:00:04.5	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2026/05/11	01:00:24.5	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2026/05/11	01:00:26.5	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2026/05/11	01:00:28.5	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2026/05/11	01:00:30.5	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2026/05/11	01:00:32.5	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/05/11	01:03:02.5	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04		
2026/05/11	01:03:04.5	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e		
2026/05/11	01:11:30.0	XRT_Custom_430_OG [0x1ae]						
2026/05/11	01:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/05/11	02:16:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/11	02:16:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/11	02:16:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/05/11	02:16:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/05/11	02:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/05/11	02:49:30.0	XRT_Custom_430_OG [0x1ae]						
2026/05/11	02:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/05/11	03:48:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/11	03:48:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/11	03:48:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/05/11	03:48:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/05/11	03:51:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/05/11	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/11	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/11	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2026/05/11	04:00:00.0	AOCs_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00		
2026/05/11	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]						

2026/05/11	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2026/05/11	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2026/05/11	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2026/05/11	04:00:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/05/11	04:02:56.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09	
2026/05/11	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e	
2026/05/11	04:27:30.0	XRT_Custom_430_OG [0x1ae]						
2026/05/11	04:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/05/11	05:17:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/11	05:17:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/11	05:17:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/05/11	05:17:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/05/11	05:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/05/11	06:09:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/11	06:09:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/11	06:09:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00	
2026/05/11	06:09:30.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	00 00 00 00	
2026/05/11	06:09:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2026/05/11	06:09:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2026/05/11	06:09:52.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2026/05/11	06:12:28.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b	
2026/05/11	06:12:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/05/11	06:19:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/11	06:19:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/11	06:19:28.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00	
2026/05/11	06:19:30.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	02	03 a5 02 0c	
2026/05/11	06:19:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2026/05/11	06:19:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2026/05/11	06:19:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2026/05/11	06:19:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2026/05/11	06:19:56.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/05/11	06:22:26.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	04	
2026/05/11	06:22:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e	
2026/05/11	06:22:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/05/11	06:57:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/11	06:57:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/11	06:57:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/05/11	06:57:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/05/11	07:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/05/11	07:44:00.0	XRT_Custom_430_OG [0x1ae]						
2026/05/11	07:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/05/11	08:37:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/11	08:37:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/05/11	08:37:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/05/11	08:37:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/05/11	08:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/05/11	08:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		

2026/05/11	08:59:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/05/11	08:59:58.0	XRT_FOCUS_POSITION_414_OG [0x19e] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2026/05/11	09:00:00.0	AOCS_OrE-point_Start_1_OG [0x097] AOCU_NM	5	02-76	04 03 a5 02 0c
2026/05/11	09:00:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2026/05/11	09:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/05/11	09:00:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2026/05/11	09:00:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2026/05/11	09:00:26.0	XRT_FLD_RESET_401_OG [0x191] MDP_XRT_FLD_RESET	1	07-F0	da
2026/05/11	09:02:56.0	XRT_QT_PROG_SET_444_OG [0x1bc] MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2026/05/11	09:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7] MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/05/11	09:22:00.0	XRT_Custom_430_OG [0x1ae]			
2026/05/11	09:23:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/05/11	10:17:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/05/11	10:17:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/05/11	10:17:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2026/05/11	10:17:06.0	XRT_PREFLR_STRT_431_OG [0x1af] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/05/11	10:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/05/11	11:00:00.0	XRT_Custom_430_OG [0x1ae]			
2026/05/11	11:01:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/05/11	12:11:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/05/11	12:11:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/05/11	12:11:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2026/05/11	12:11:06.0	XRT_PREFLR_STRT_431_OG [0x1af] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/05/11	12:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/05/11	12:38:30.0	XRT_Custom_430_OG [0x1ae]			
2026/05/11	12:39:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/05/11	12:59:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/05/11	12:59:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/05/11	12:59:58.0	XRT_FOCUS_POSITION_414_OG [0x19e] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2026/05/11	13:00:00.0	AOCS_OrE-point_Start_2_OG [0x098] AOCU_NM	5	02-76	02 03 a5 02 0c
2026/05/11	13:00:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2026/05/11	13:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/05/11	13:00:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2026/05/11	13:00:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2026/05/11	13:00:26.0	XRT_FLD_RESET_401_OG [0x191] MDP_XRT_FLD_RESET	1	07-F0	da
2026/05/11	13:02:56.0	XRT_QT_PROG_SET_435_OG [0x1b3] MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2026/05/11	13:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7] MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/05/11	13:03:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/05/11	13:49:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/05/11	13:49:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/05/11	13:49:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2026/05/11	13:49:06.0	XRT_PREFLR_STRT_431_OG [0x1af] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/05/11	13:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/05/11	14:16:30.0	XRT_Custom_430_OG [0x1ae]			
2026/05/11	14:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/05/11	15:27:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/05/11	15:27:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/05/11	15:27:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2026/05/11	15:27:06.0	XRT_PREFLR_STRT_431_OG [0x1af]			

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2026/05/11	15:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e8	
2026/05/11	15:54:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/05/11	15:55:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/05/11	17:05:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/05/11	17:05:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/05/11	17:05:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/05/11	17:05:06.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e8	
2026/05/11	17:08:14.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/05/11	17:41:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/05/11	17:42:00.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/05/11	18:24:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/05/11	18:24:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/05/11	18:24:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2026/05/11	18:25:00.0	AOCS_Or-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00	
2026/05/11	18:25:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2026/05/11	18:25:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2026/05/11	18:25:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2026/05/11	18:27:58.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b	
2026/05/11	18:28:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/05/11	18:35:00.0	AOCS_Or-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00 2e 35 47 1a	
2026/05/11	18:40:30.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/05/11	18:40:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/05/11	18:40:34.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2026/05/11	18:40:54.0	XRT_FLD_DIS_446_OG [0x1be]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2026/05/11	18:42:54.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2026/05/11	18:42:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2026/05/11	18:42:58.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06	
2026/05/11	18:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/05/11	19:05:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/05/11	19:05:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/05/11	19:05:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2026/05/11	19:06:00.0	AOCS_Or-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	02 03 a5 02 0c	
2026/05/11	19:06:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2026/05/11	19:06:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2026/05/11	19:06:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2026/05/11	19:06:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2026/05/11	19:06:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/05/11	19:08:56.0	XRT_QT_PROG_SET_437_OG [0x1b5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12	
2026/05/11	19:08:58.0	XRT_FL_PROG_SET_441_OG [0x1b9]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0a	
2026/05/11	19:17:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e8	
2026/05/11	19:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/05/11	20:21:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/05/11	20:21:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/05/11	20:21:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/05/11	20:21:36.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e8	
2026/05/11	20:24:44.0	XRT_CUSTOM_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/05/11	20:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/05/11	20:54:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	

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2026/05/12	04:02:56.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_FLD_RESET	1	07-F0	da				
2026/05/12	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09			
2026/05/12	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e			
2026/05/12	04:20:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/05/12	04:20:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/12	04:20:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/12	04:20:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da				
2026/05/12	04:23:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/05/12	04:59:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/05/12	05:00:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]							
2026/05/12	05:23:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/05/12	05:23:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/12	05:23:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/12	05:23:30.0	AOCS_Ore-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2026/05/12	05:23:48.0	XRT_FLD_DIS_409_OG [0x199]	AOCS_Ore-point_Start_3_OG [0x099]							
2026/05/12	05:23:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	AOCU_NM	5	02-76	00	00	00	00	00
2026/05/12	05:23:52.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2026/05/12	05:26:28.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2026/05/12	05:26:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/05/12	05:33:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b			
2026/05/12	05:33:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/05/12	05:33:28.0	XRT_FOCUS_POSITION_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/12	05:33:30.0	AOCS_Ore-point_Start_2_OG [0x098]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/12	05:33:48.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2026/05/12	05:33:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	AOCS_Ore-point_Start_2_OG [0x098]							
2026/05/12	05:33:52.0	XRT_AEC_RESET_448_OG [0x1c0]	AOCU_NM	5	02-76	02	03	a5	02	0c
2026/05/12	05:33:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/05/12	05:33:56.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/05/12	05:36:26.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/05/12	05:36:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/05/12	05:36:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FLD_RESET	1	07-F0	da				
2026/05/12	05:49:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	04			
2026/05/12	05:49:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e			
2026/05/12	05:49:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/05/12	05:49:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/12	05:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/12	06:37:30.0	XRT_Custom_430_OG [0x1ae]	XRT_FLD_RESET_415_OG [0x19f]							
2026/05/12	06:38:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da				
2026/05/12	07:29:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/05/12	07:29:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/05/12	07:29:34.0	XRT_FLD_RESET_415_OG [0x19f]	XRT_CTRL_MANU_442_OG [0x1ba]							
2026/05/12	07:29:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/05/12	07:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da				
2026/05/12	08:00:00.0	XRT_CTRL_MANU_442_OG [0x1ba]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/05/12	08:00:10.0	XRT_FOCUS_RECALIBRATE_407_OG [0x197]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/05/12	08:04:10.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_RECAL	2	07-F8	78	00			
2026/05/12	08:15:30.0	XRT_Custom_430_OG [0x1ae]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2026/05/12	08:16:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	

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2026/05/12	08:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/05/12	08:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/05/12	08:59:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/05/12	09:00:00.0	AOCS_ORe-point_Start_7_OG [0x09d]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2026/05/12	09:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 ef bf b3 e8
2026/05/12	09:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2026/05/12	09:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/05/12	09:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2026/05/12	09:00:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/05/12	09:02:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/05/12	09:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2026/05/12	09:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/05/12	09:09:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/05/12	09:09:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/05/12	09:09:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/05/12	09:09:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/05/12	09:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/05/12	09:54:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/05/12	09:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2026/05/12	10:49:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/05/12	10:49:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/05/12	10:49:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/05/12	10:49:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/05/12	10:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/05/12	11:55:00.0	AOCS_ORe-point_Start_3_OG [0x099]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
		AOCU_NM		5	02-76	00 00 00 00 00