

# XRT Timeline to be uploaded on 2026/04/07

Period: 2026/04/07 11:15:00 - 2026/04/11 11:43:00

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## Normal mode

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XOB #1CDF: HOP81/206 1-filter - Al/poly 6s, 60s cadence, G-band - 384x384 1ms												
Term	Pointing (x, y)							Comment				
04/07 11:28:00 - 04/07 17:57:24	Fixed ( -22.0, -959.0)	# OP start + 10min + HOP 81										
<b>PROG= 18 Inf.-time(s)</b>												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 16 2-time(s) 2.0sec												
└─ Open/G-band Open/G-band close Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec												
└─ Subr= 2 1-time(s) 2.0sec												
└─ Seqn= 90 1-time(s) 30.0sec												
└─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec												
└─ Subr= 3 60-time(s) 60.0sec												
└─ Seqn= 24 1-time(s) 30.0sec												
└─ Al-poly/Open Al-poly/Open close Safe Norm 5.66s Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec												
<div style="display: flex; justify-content: space-between; font-size: small;"> <span>Default Filter</span> <span>Thicker Filter</span> <span>VLS</span> <span>mode</span> <span>image</span> <span>Exp.</span> <span>CCD</span> <span>Bin</span> <span>ROI: size (center)</span> <span>Comp.</span> <span>AEC Buffer</span> <span>Interval</span> </div>												

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(256/512/16384)												
Term	Pointing (x, y)							Comment				
04/07 18:00:30 - 04/07 18:07:24	Fixed ( 0.0, 0.0)	synoptic, shifted -2.5 min										
04/08 06:30:30 - 04/08 06:37:24	Fixed ( 0.0, 0.0)	synoptic, shifted 27.5 min + HOP 448										
04/08 18:15:30 - 04/08 18:22:24	Fixed ( 0.0, 0.0)	synoptic, shifted 12.5 min										
04/09 05:59:00 - 04/09 06:05:54	Fixed ( 0.0, 0.0)	synoptic, shifted -4.0 min + HOP 448										

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												
└─ 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												
<div style="display: flex; justify-content: space-between; font-size: small;"> <span>Default Filter</span> <span>Thicker Filter</span> <span>VLS</span> <span>mode</span> <span>image</span> <span>Exp.</span> <span>CCD</span> <span>Bin</span> <span>ROI: size (center)</span> <span>Comp.</span> <span>AEC Buffer</span> <span>Interval</span> </div>												

XOB #1D3F: AR (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 512x512 at 1064 1048, thick-Al context, with G-band (1ms/1ms leak), 300s												
Term	Pointing (x, y)							Comment				
04/07 18:10:30 - 04/08 03:59:54	Track ( 713.8, 54.7) <small>@ 04/07 18:07:30</small>	AR 14409 obs.										
04/08 06:40:30 - 04/08 17:49:00	Track ( 782.5, 44.3) <small>@ 04/08 06:37:30</small>	AR 14409 obs.										

PROG= 01 Inf.-time(s)												
└─ Subr= 1 1-time(s) 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												
└─ Seqn= 82 1-time(s) 2.0sec												
└─ Al-poly/Open Al-poly/Open close Safe Dark 1.00s Obs 1x1 512x512 (1064, 1048) DPCM 0 0 2.0sec												
└─ Seqn= 71 3-time(s) 2.0sec												

Open/thick-AI	Open/thick-Be	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1064, 1048)	Q=98	3	0	2.0sec
<b>Subr= 2 20-time(s) 300.0sec</b>												
<b>Seqn= 60 1-time(s) 100.0sec</b>												
AI-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	512x512 (1064, 1048)	Q=95	2	0	2.0sec
AI-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	2	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
<b>Seqn= 58 1-time(s) 100.0sec</b>												
AI-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
<b>Seqn= 48 1-time(s) 2.0sec</b>												
AI-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	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 (AI-mesh[8/181/2897], AI-poly[16/181/4096], thin-Be[64/1024/11571] with 512x512 G-band+Leak(1064,1048) - 45 min**

Term	Pointing (x, y)	Comment
04/08 04:03:00 - 04/08 06:27:24	Fixed ( 0.0, 0.0)	synoptic, shifted 27.5 min + HOP 448
04/09 04:03:00 - 04/09 05:55:54	Fixed ( 0.0, 0.0)	synoptic, shifted -4.0 min + HOP 448

**PROG= 09 Inf.-time(s)**

<b>Subr= 1 1-time(s) 300.0sec</b>												
<b>Seqn=100 1-time(s) 2.0sec</b>												
Open/AI-mesh	Open/AI-mesh	close	Safe	Norm	8ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/AI-mesh	Open/AI-mesh	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/AI-mesh	Open/AI-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 84 1-time(s) 2.0sec</b>												
AI-poly/Open	AI-poly/Open	close	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
AI-poly/Open	AI-poly/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
AI-poly/Open	AI-poly/thick-AI	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 57 1-time(s) 2.0sec</b>												
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
<b>Seqn= 81 1-time(s) 2.0sec</b>												
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
<b>Subr= 2 10-time(s) 720.0sec</b>												
<b>Seqn= 8 1-time(s) 2.0sec</b>												
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
<b>Seqn= 6 1-time(s) 2.0sec</b>												
AI-poly/Open	AI-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
AI-poly/Open	AI-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
<b>Seqn= 29 1-time(s) 2.0sec</b>												
Open/AI-mesh	Open/AI-mesh	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Open/AI-mesh	Open/AI-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 #1D1F: AR - Standard Core - (Filter-Ratio with AI/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and AI/poly context, with**

Term	Pointing (x, y)	Comment
04/08 18:25:30 - 04/09 03:59:54	Track ( 836.3, 33.9) @ 04/08 18:22:30	AR 14409 obs.
04/09 06:09:00 - 04/09 11:06:00	Track ( 878.8, 23.1) @ 04/09 06:06:00	AR 14409 obs.

**PROG= 15 Inf.-time(s)**

<b>Subr= 1 1-time(s) 2.0sec</b>												
<b>Seqn= 92 1-time(s) 2.0sec</b>												
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-AI	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
<b>Subr= 2 4-time(s) 2.0sec</b>												
<b>Seqn= 47 1-time(s) 2.0sec</b>												
AI-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
AI-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
<b>Seqn= 77 4-time(s) 600.0sec</b>												
AI-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
AI-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
AI-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	

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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-AI,thick-Be -384x384 + AI-poly 512x512 2x2) + G**

Term	Pointing (x, y)	Comment
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04/07 11:28:00 - 04/07 17:57:24 Fixed ( -22.0, -959.0) # OP start + 10min + HOP 81  
 04/07 18:10:30 - 04/08 03:59:54 Track ( 713.8, 54.7) @ 04/07 18:07:30 AR 14409 obs.  
 04/08 04:03:00 - 04/08 06:27:24 Fixed ( 0.0, 0.0) synoptic, shifted 27.5 min + HOP 448  
 04/08 06:40:30 - 04/08 17:49:00 Track ( 782.5, 44.3) @ 04/08 06:37:30 AR 14409 obs.  
 04/08 18:25:30 - 04/09 03:59:54 Track ( 836.3, 33.9) @ 04/08 18:22:30 AR 14409 obs.  
 04/09 04:03:00 - 04/09 05:55:54 Fixed ( 0.0, 0.0) synoptic, shifted -4.0 min + HOP 448  
 04/09 06:09:00 - 04/09 11:06:00 Track ( 878.8, 23.1) @ 04/09 06:06:00 AR 14409 obs.

**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				

\* \* \* \* \*

**Active Region Search**

\* \* \* \* \*

NOT USED

\* \* \* \* \*

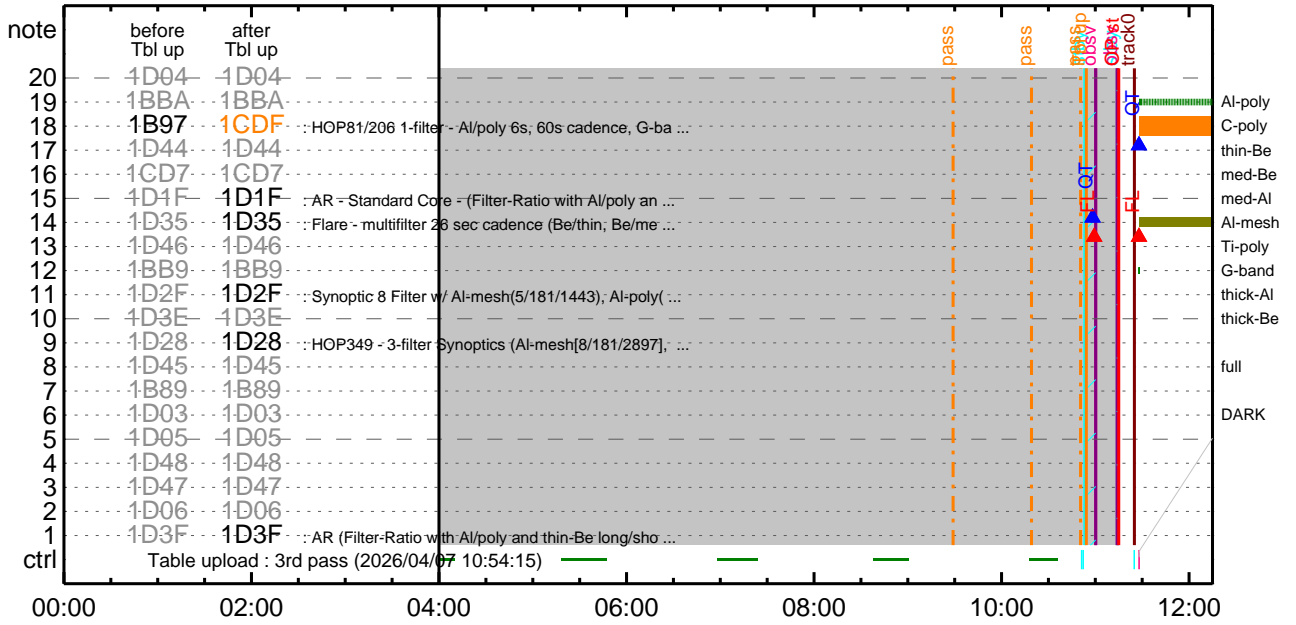
**Flare Detection**

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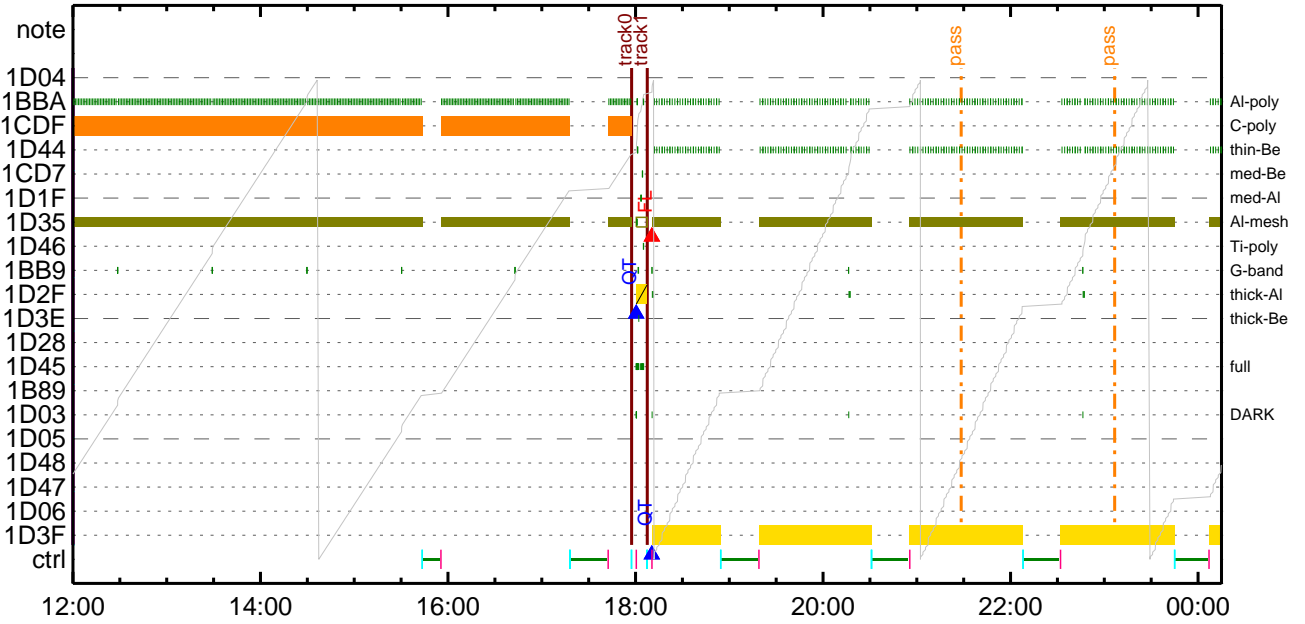
**FLD Patrol**

Term	Pointing (x, y)	Comment
04/07 10:55:15 - 04/07 17:57:48	cannot be identified	
04/07 18:07:48 - 04/08 06:27:48	Track ( 713.8, 54.7) @ 04/07 18:07:30	AR 14409 obs.
04/08 06:37:48 - 04/08 18:12:48	Track ( 782.5, 44.3) @ 04/08 06:37:30	AR 14409 obs.
04/08 18:22:48 - 04/09 05:56:18	Track ( 836.3, 33.9) @ 04/08 18:22:30	AR 14409 obs.
04/09 06:06:18 - 04/11 11:43:00	Track ( 878.8, 23.1) @ 04/09 06:06:00	AR 14409 obs.
Al-poly/Open	Al-poly/Open close	Safe Norm 4ms Obs 8x8 Q=50 30sec
Default Filter	Thicker Filter VLS	mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

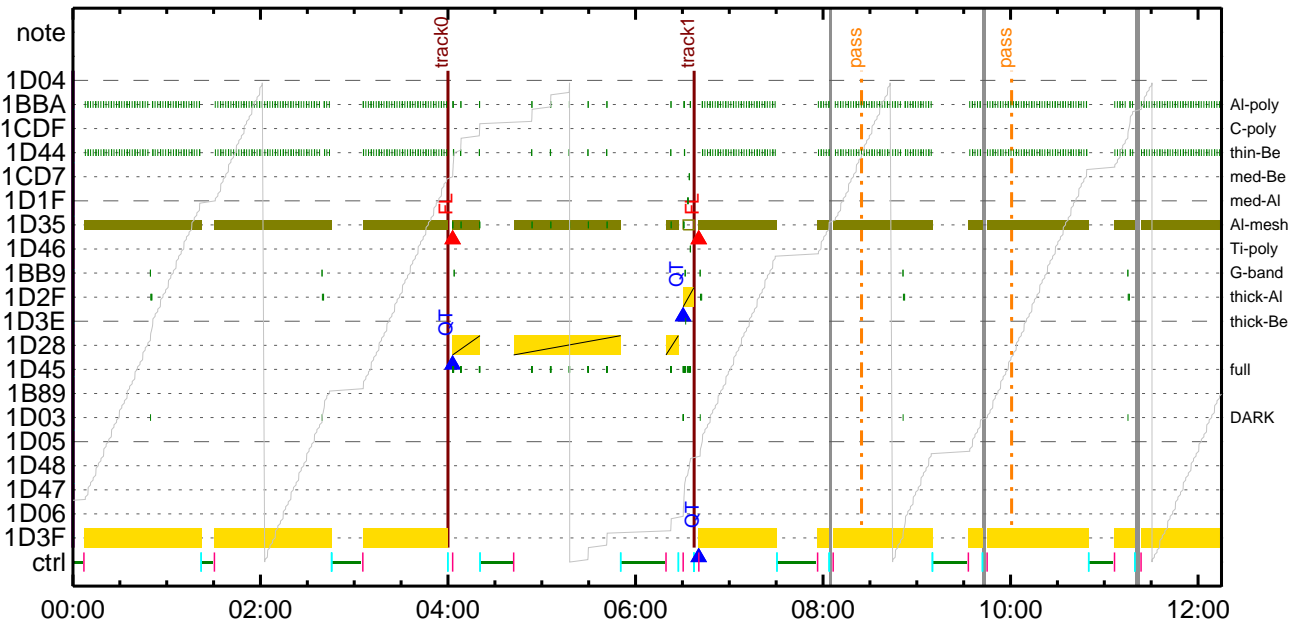
CMDI #0239 2026/04/07



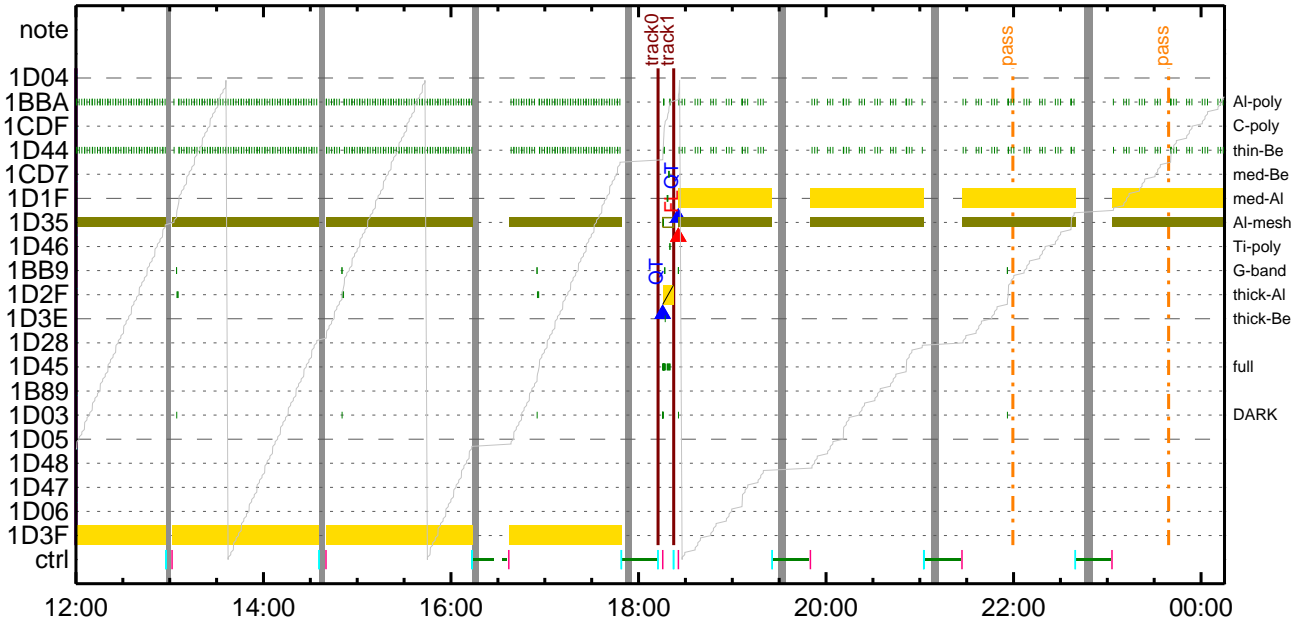
CMDI #0239 2026/04/07



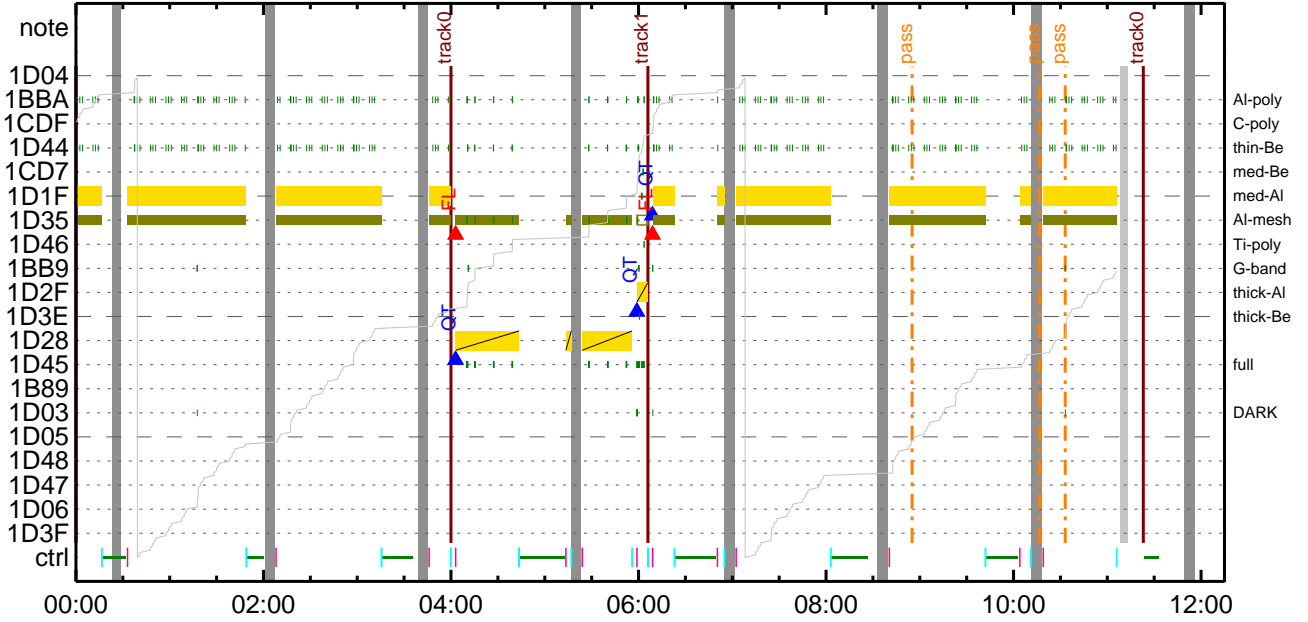
CMDI #0239 2026/04/08



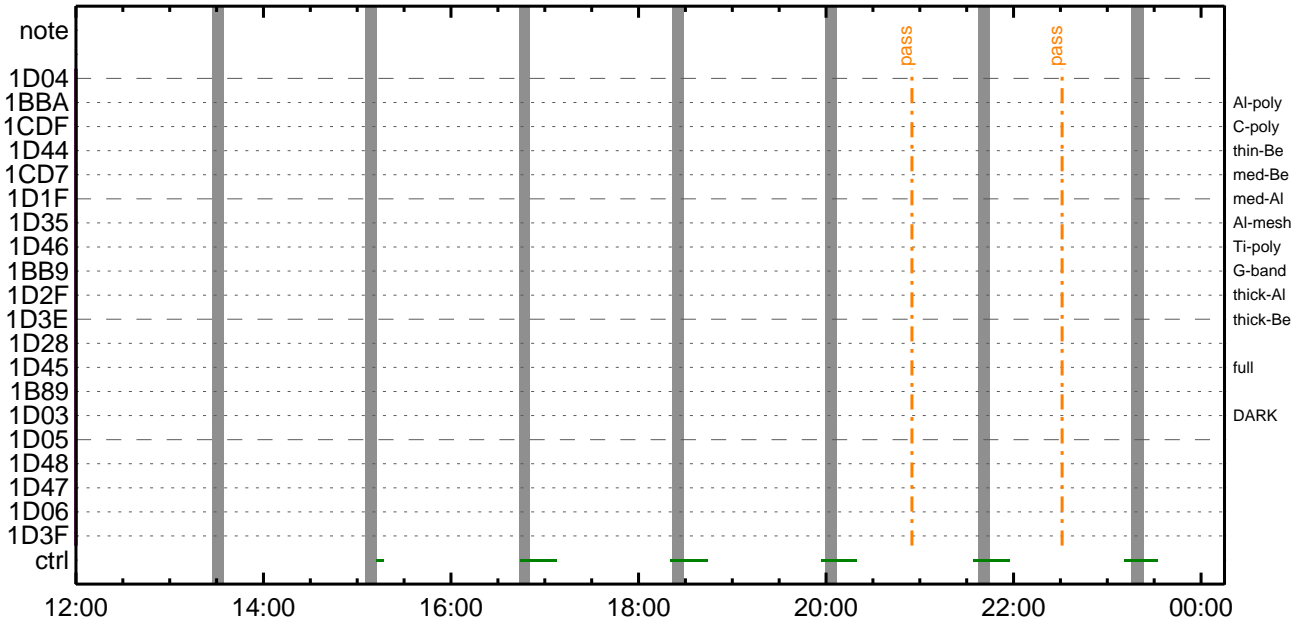
CMDI #0239 2026/04/08



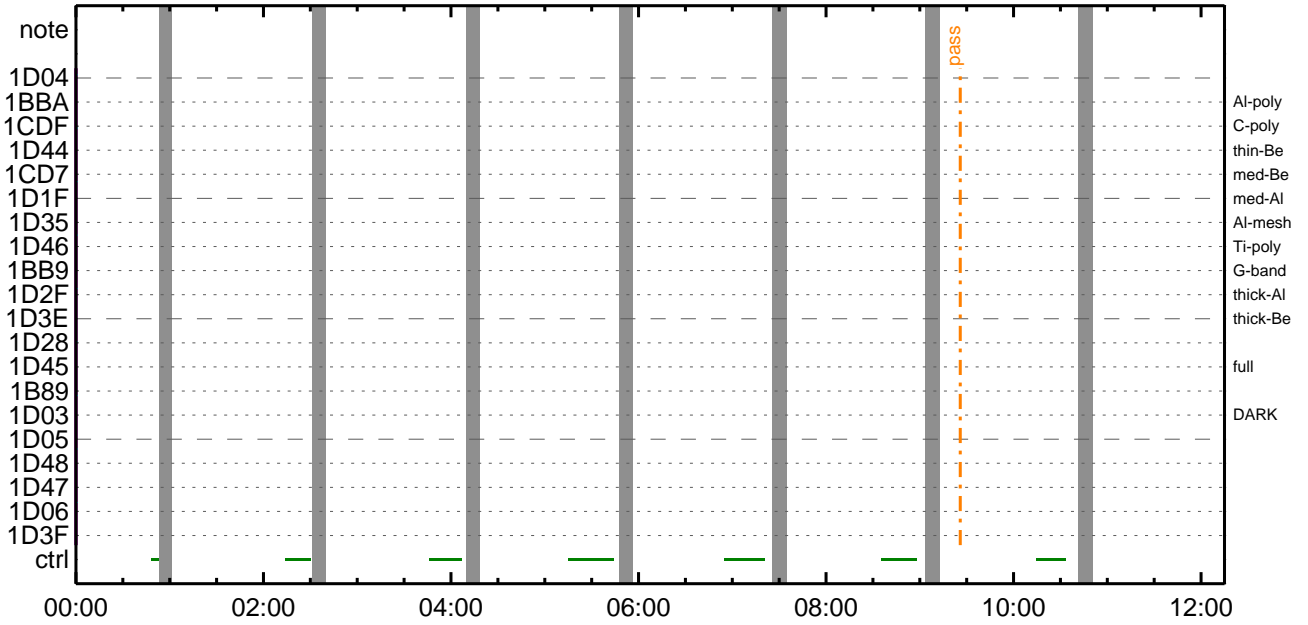
CMDI #0239 2026/04/09



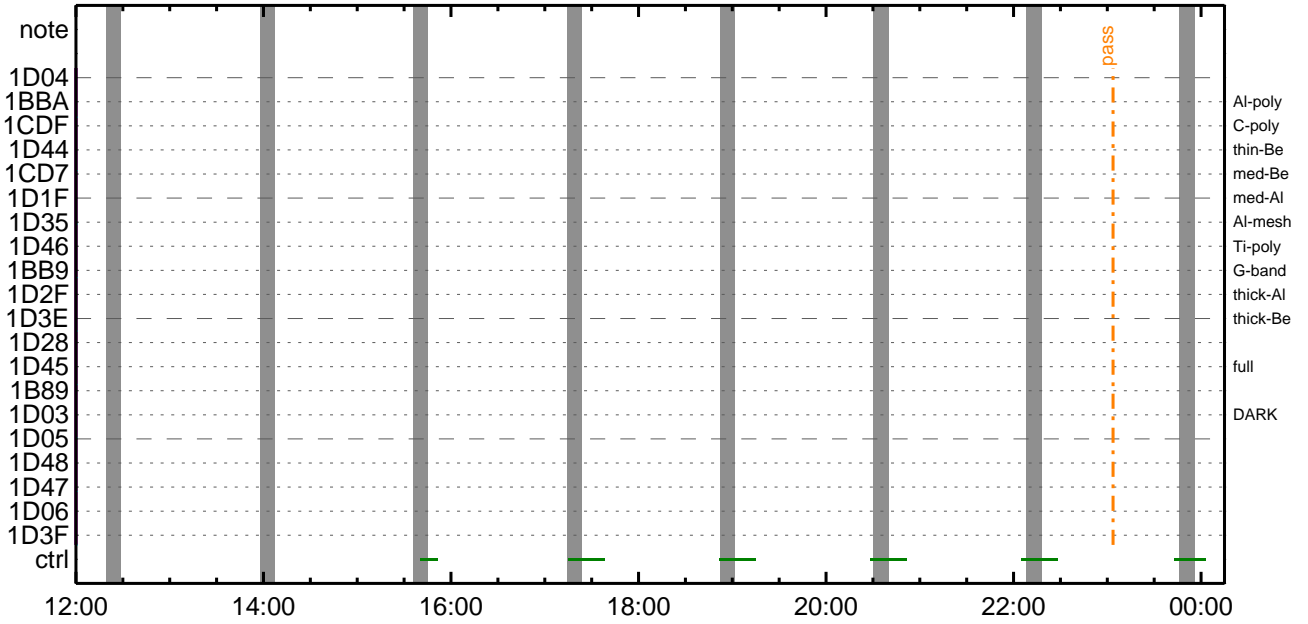
CMDI #0239 2026/04/09



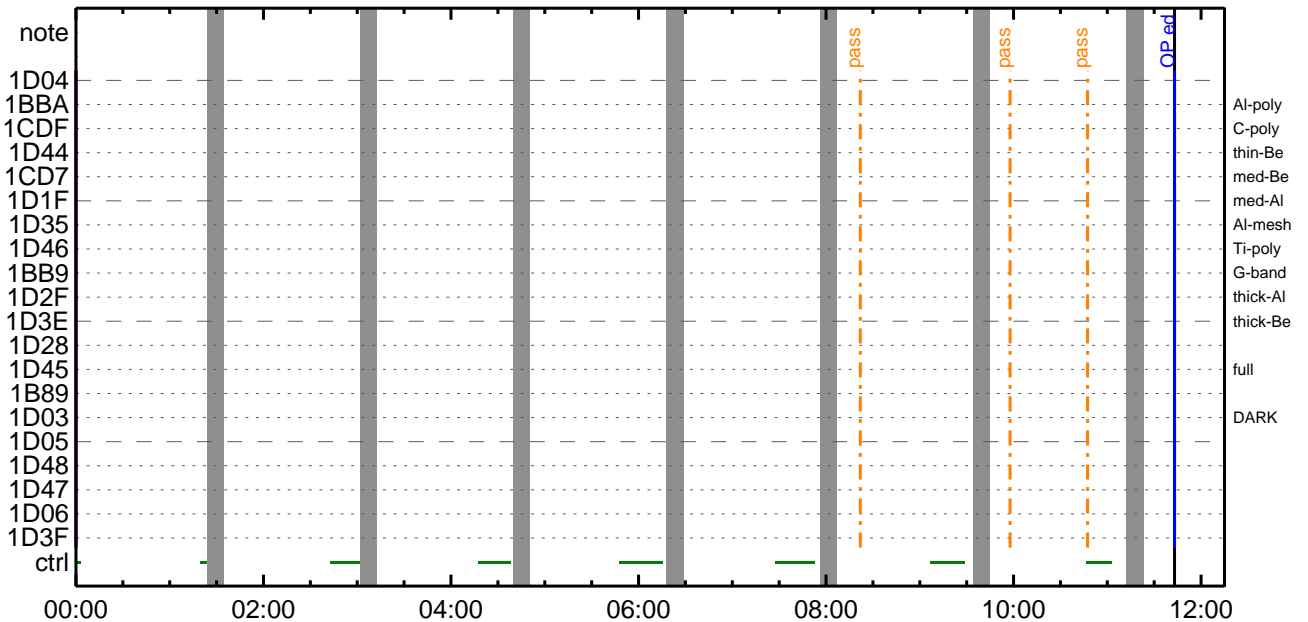
CMDI #0239 2026/04/10



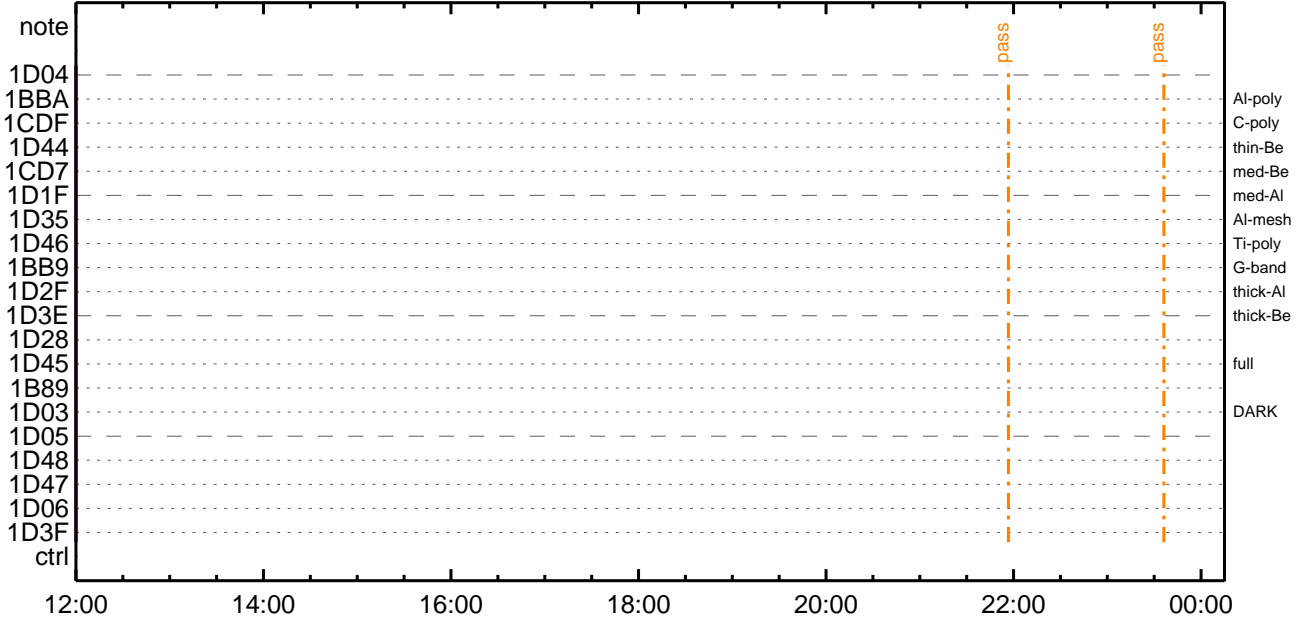
CMDI #0239 2026/04/10



CMDI #0239 2026/04/11



CMDI #0239 2026/04/11







```

0194 C.
0195 +. TI 2026-04-07 11:14:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          ¢¢[HK1_TI_CMD_NUM]          EQ      1COUNTUP
0198 C.
0199 C. °Ê²¼¤İÄë¾İİÑ¤İŸÄŸ$ŸÄŸ~¹äİÜ
0200 C.          ¢¢[HK1_TI_CMD_ENA/DIS]      EQ      ENA
0201 C.          ¢¢[HK1_TI_CMD_NUM]          EQ      4
0202 C.          ¢¢[HK1_NEXT_EXEC_PIM]       EQ      DHU
0203 C.          ¢¢[HK1_NEXT_EXEC_DC]        EQ      0xB3
0204 C.
0205 C. *****
0206 C. TIİİ°èŸÄŸÖŸ×
0207 C. *****
0208 C.
0209 C. TI_TBL(0x03AB00-0x03AEFF;$ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC      (03 ab 03 01 02)
0212 C.          ¢¢[HK1_DMP_TOP_ADRS_1]     EQ      07
0213 C.          ¢¢[HK1_DMP_TOP_ADRS_0]     EQ      2B
0214 C.          ¢¢[HK1_DMP_BLOCK_NUM]       EQ      3
0215 C.          ¢¢[HK1_DMP_REPEAT_NUM]     EQ      0
0216 C.          ¢¢[HK1_DMA_DMP_PIM]        EQ      DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC      (07 0b f8)
0219 C.          ¢¢[HK1_PKT_FORM_NO]         EQ      7
0220 C.          ¢¢[HK1_PKT_GEN_TIME]        EQ      0.25 s
0221 C.          ¢¢[HK1_S_TLM_BIT_RATE]     EQ      32k
0222 C.          ¢¢[HK1_X_TLM_BIT_RATE]     EQ      4M
0223 C.          ¢¢[HK1_DMP_CHK_FLG]        EQ      EXEC
0224 C.
0225 C. ŸÄŸÖŸ×½ªİ»¤ò³İÇ$
0226 C.          ¢¢[HK1_DMP_CHK_FLG]        EQ      NON
0227 C.
0228 C. RAM ID=TI_TBL¤İ¾È¹Ç•è²İOK¤ò³İÇ$
0229 C.
0230 C. DHUŸª;¼ŸÉ;È¼Ÿ½,Ÿİ;¼ŸÈ;È¤òİª¤¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC      (02 0a f8)
0233 C.          ¢¢[HK1_PKT_FORM_NO]         EQ      2
0234 C.          ¢¢[HK1_PKT_GEN_TIME]        EQ      0.5S
0235 C.          ¢¢[HK1_S_TLM_BIT_RATE]     EQ      32K
0236 C.          ¢¢[HK1_X_TLM_BIT_RATE]     EQ      4M
0237 C.
0238 C. Stop EIS observation and temporarily disable EIS mode changes
0239 C.
0240 C.
0241 C. ***** Start EIS operation (TI set) *****
0242 C. Execute, after the success of OP upload.
0243 C. Set EIS TI-commands
0244 +. TI 2026-04-07 11:14:30.0
0245 DC 07-FC EIS_MODE_MANU
0246 BC      (21 02)
0247 +. TI 2026-04-07 11:14:40.0
0248 DC 07-FC EIS_MODE_CHG_DIS
0249 BC      (22)
0250 C.          [ ] [HK1_TI_CMD_NUM]      EQ      2 COUNTUP
0251 C. ***** End EIS operation (TI set) *****
0252 C.
0253 C.
0254 C.
0255 C. ***** XRT START *****
0256 C. Execute, after the success of OP upload.
0257 +. TI 2026-04-07 11:14:00.0
0258 DC 07-F0 MDP_XRT_MODE_STBY
0259 BC      (c3)
0260 C.          [ ] [HK1_TI_CMD_NUM]      EQ      1COUNTUP
0261 C.
0262 C. ***** XRT END *****
0263 C.
0264 C. ***** MDP `ûÃİ¤İ»ö¾Ÿ¤ÈÄ¤¤¹¤èDCBC•×²è *****
0265 C. (¾ª°İŸÖŸÄŸÈŸŸŸÈŸâŸçŸè¤È¾¼¤¤¼Ä»Ü¤¹¤è)
0266 S. DC-BC dcbc-402:DCBC
0267 (MDP_known_event)
0268 C.
0269 C.
0270 C. ***** ŸĐŸ¹•İ Daily±;İÑ¤È'Ø¤¹¤èDCBC•×²è *****
0271 S. DC-BC dcbc-153:DCBC
0272 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0273 C.
0274 C.
0275 C. ;ãLOSŸÄŸ$ŸÄŸ~¼Ä»Ü;ã
0276 C.
0277 C. ***** LOS *****
0278 C.

```

(a) Spacecraft Operation Procedure (real-commands)

```
main-905 2026-04-07 11:16:42 94 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;Ëñ¿ñÄñ•µ°E»Í×ÁÇñÍŸçŸÄŸ×Ÿí;¼ŸÉ;ËËè¿µ•íÍË;ËñÈ¼°ÇÖñ•ñ¿¼í¹ÇñÍ;ÇÄ®, ùñ¹ñèñDñÇÄ÷¿®ñ•ñËñññ³ñÈ;£
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. ***** AOCs Commands (Orbital Element Update) *****
0046 C. Update the orbital element
0047 +. DC 02-50 AOCU_ORB_PRPGT_START
0048 BC (16)
0049 +. DC 02-8E AOCU_ORB_UPD
0050 C.
0051 C. <A_ORB>[ORBIT] EPC = 3258396.3 +- 1.0 (s) [ ]
0052 C.
0053 . C.
0054 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0055 +. DC 07-FC EIS_MODE_CHG_ENA
0056 BC (20)
0057 . C. Verify EIS_MODE_CHG_FLG is ENA
0058 +. DC 07-FC EIS_MODE_MANU
0059 BC (21 02)
0060 . C. Verify EIS in MANUAL mode
0061 C. Estimated OBSTBL upload time is 12s
0062 C. *****
0063 C. EIS START OBSTBL LOAD
0064 C. *****
0065 . S. RAM ram-820:EIS_OBSTBL
0066 ( )
0067 +. DC 07-FC EIS_DUMP_OBSTBL
0068 BC (07 07 07 00 00 70 00)
0069 C.
0070 C. Execute, after the success of OBSTBL upload.
0071 C. Set EIS TI-commands
0072 +. TI 2026-04-07 11:14:50.0
0073 DC 07-FC EIS_MODE_CHG_ENA
0074 BC (20)
0075 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0076 C. *****
0077 C. EIS END OBSTBL LOAD
0078 C. *****
0079 C.
0080 . C. ***** MDP ´ûÄÎñÍ»ó¼ŸñÈÄDñ¹ñèDCBC•×²è *****
0081 C. (¾å°íŸÓŸÄŸËŸDŸŸËŸáŸçŸËñÈ¼¾ññ¼Ä»Ûñ¹ñè)
0082 . S. DC-BC dcbc-402:DCBC
0083 (MDP_known_event)
0084 C.
0085 C.
0086 . C. ***** ŸDŸ¹•Ï Daily±¿ÍññÈ´Øñ¹ñèDCBC•×²è *****
0087 . S. DC-BC dcbc-153:DCBC
0088 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0089 C.
0090 C.
0091 C. ;ãLOSŸÁŸSŸÄŸ~¼Ä»Û;ä
0092 C.
0093 . C. ***** LOS *****
0094 C.
```



0096 C.  
0097 . C. ;ãLOS¥Á¥S¥Ã¥¼Å»Ü;ä  
0098 C.  
0099 . C. \*\*\*\*\* LOS \*\*\*\*\*  
0100 C.

\*\*\* OP Sequence for XRT \*\*\*

```

2026/04/07 11:24:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2026/04/07 11:24:56.0 XRT_FOCUS_POSITION_414_OG [0x19e]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2026/04/07 11:25:00.0 AOCs_OrE-point_Start_1_OG [0x097]
                        AOCU_NM 5 02-76 00 55 3f 01 f3
2026/04/07 11:25:16.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2026/04/07 11:25:18.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2026/04/07 11:25:20.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2026/04/07 11:25:22.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2026/04/07 11:25:24.0 XRT_FLD_RESET_425_OG [0x1a9]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2026/04/07 11:27:56.0 XRT_QT_PROG_SET_437_OG [0x1b5]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 12
2026/04/07 11:27:58.0 XRT_FL_PROG_SET_439_OG [0x1b7]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 0e
2026/04/07 11:28:00.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2026/04/07 15:43:30.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2026/04/07 15:43:32.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2026/04/07 15:43:34.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2026/04/07 15:43:36.0 XRT_PREFLR_STRT_431_OG [0x1af]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2026/04/07 15:46:44.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2026/04/07 15:54:30.0 XRT_Custom_430_OG [0x1ae]
2026/04/07 15:55:30.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2026/04/07 17:18:00.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2026/04/07 17:18:02.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2026/04/07 17:18:04.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2026/04/07 17:18:06.0 XRT_PREFLR_STRT_431_OG [0x1af]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2026/04/07 17:21:14.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2026/04/07 17:41:30.0 XRT_Custom_430_OG [0x1ae]
2026/04/07 17:42:30.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2026/04/07 17:57:24.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2026/04/07 17:57:26.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2026/04/07 17:57:28.0 XRT_FOCUS_POSITION_406_OG [0x196]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2026/04/07 17:57:30.0 AOCs_OrE-point_Start_2_OG [0x098]
                        AOCU_NM 5 02-76 00 00 00 00 00
2026/04/07 17:57:48.0 XRT_FLD_DIS_409_OG [0x199]
                        MDP_XRT_FLD_DIS 1 07-F0 d9
2026/04/07 17:57:50.0 XRT_FLRCTRL_DIS_413_OG [0x19d]
                        MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2026/04/07 17:57:52.0 XRT_ARS_DIS_420_OG [0x1a4]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2026/04/07 18:00:28.0 XRT_QT_PROG_SET_447_OG [0x1bf]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 0b
2026/04/07 18:00:30.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2026/04/07 18:07:24.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2026/04/07 18:07:26.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2026/04/07 18:07:28.0 XRT_FOCUS_POSITION_414_OG [0x19e]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2026/04/07 18:07:30.0 AOCs_OrE-point_Start_3_OG [0x099]
                        AOCU_NM 5 02-76 01 03 74 01 f3
2026/04/07 18:07:48.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2026/04/07 18:07:50.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2026/04/07 18:07:52.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2026/04/07 18:07:54.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2026/04/07 18:07:56.0 XRT_FLD_RESET_401_OG [0x191]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2026/04/07 18:10:26.0 XRT_QT_PROG_SET_445_OG [0x1bd]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 01
2026/04/07 18:10:28.0 XRT_FL_PROG_SET_439_OG [0x1b7]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 0e
2026/04/07 18:10:30.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2026/04/07 18:54:30.0 XRT_CTRL_MANU_400_OG [0x190]

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2026/04/07	18:54:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/07	18:54:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/07	18:54:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/07	18:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/04/07	19:18:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/04/07	19:19:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/07	20:31:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/07	20:31:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/07	20:31:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/07	20:31:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/07	20:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/04/07	20:54:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/04/07	20:55:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/07	22:08:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/07	22:08:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/07	22:08:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/07	22:08:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/07	22:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/04/07	22:31:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/04/07	22:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/07	23:45:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/07	23:45:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/07	23:45:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/07	23:45:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/07	23:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/04/08	00:06:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/04/08	00:07:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/08	01:22:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/08	01:22:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/08	01:22:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/08	01:22:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/08	01:25:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/04/08	01:29:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/04/08	01:30:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/08	02:45:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/08	02:45:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/08	02:45:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/08	02:45:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/08	02:48:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/04/08	03:04:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/04/08	03:05:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/08	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/08	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/08	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/08	04:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2026/04/08	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 00 00 00 00		
2026/04/08	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2026/04/08	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2026/04/08	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2026/04/08			MDP_XRT_ARS_DIS	1	07-F0	d5		

2026/04/08	04:00:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/08	04:02:56.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09	
2026/04/08	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e	
2026/04/08	04:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/08	04:20:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/08	04:20:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/08	04:20:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/08	04:20:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/04/08	04:23:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/04/08	04:41:00.5	XRT_Custom_430_OG [0x1ae]						
2026/04/08	04:42:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/08	05:50:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/08	05:50:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/08	05:50:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/08	05:50:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/04/08	05:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/04/08	06:18:30.0	XRT_Custom_430_OG [0x1ae]						
2026/04/08	06:19:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/08	06:27:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/08	06:27:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/08	06:27:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00	
2026/04/08	06:27:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2026/04/08	06:27:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2026/04/08	06:27:52.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2026/04/08	06:30:28.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b	
2026/04/08	06:30:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/08	06:37:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/08	06:37:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/08	06:37:28.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00	
2026/04/08	06:37:30.0	AOCs_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	01	03 74 01 f3	
2026/04/08	06:37:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2026/04/08	06:37:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2026/04/08	06:37:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2026/04/08	06:37:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2026/04/08	06:37:56.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/08	06:40:26.0	XRT_QT_PROG_SET_445_OG [0x1bd]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01	
2026/04/08	06:40:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e	
2026/04/08	06:40:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/08	07:30:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/08	07:30:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/08	07:30:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/08	07:30:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/04/08	07:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/04/08	07:55:30.0	XRT_Custom_430_OG [0x1ae]						
2026/04/08	07:56:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/08	08:04:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/08	08:04:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/08	08:04:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		

2026/04/08	08:04:06.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/04/08	08:05:30.0	XRT_Custom_430_OG [0x1ae]			
2026/04/08	08:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/04/08	08:07:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/04/08	09:10:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/08	09:10:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/08	09:10:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/04/08	09:10:06.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/04/08	09:13:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/04/08	09:32:00.0	XRT_Custom_430_OG [0x1ae]			
2026/04/08	09:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/04/08	09:42:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/08	09:42:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/08	09:42:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/04/08	09:42:06.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/04/08	09:44:00.0	XRT_Custom_430_OG [0x1ae]			
2026/04/08	09:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/04/08	09:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/04/08	10:50:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/08	10:50:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/08	10:50:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/04/08	10:50:06.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/04/08	10:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/04/08	11:05:30.0	XRT_Custom_430_OG [0x1ae]			
2026/04/08	11:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/04/08	11:19:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/08	11:19:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/08	11:19:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/04/08	11:19:36.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/04/08	11:22:30.0	XRT_Custom_430_OG [0x1ae]			
2026/04/08	11:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/04/08	11:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/04/08	12:57:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/08	12:57:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/08	12:57:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/04/08	12:57:36.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/04/08	13:00:30.0	XRT_Custom_430_OG [0x1ae]			
2026/04/08	13:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/04/08	13:01:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/04/08	14:35:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/08	14:35:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/08	14:35:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/04/08	14:35:36.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/04/08	14:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/04/08	14:39:00.0	XRT_Custom_430_OG [0x1ae]			
2026/04/08	14:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/04/08	16:13:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/08	16:13:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/08	16:13:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/04/08	16:13:36.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8

2026/04/08	16:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/04/08	16:36:00.0	XRT_Custom_430_OG [0x1ae]							
2026/04/08	16:37:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/04/08	17:49:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/08	17:49:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/08	17:49:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/04/08	17:49:06.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/04/08	17:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/04/08	18:12:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/08	18:12:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/08	18:12:28.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2026/04/08	18:12:30.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2026/04/08	18:12:48.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2026/04/08	18:12:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2026/04/08	18:12:52.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/04/08	18:15:28.0	XRT_QT_PROG_SET_447_OG [0x1bf]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b				
2026/04/08	18:15:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/04/08	18:22:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/08	18:22:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/08	18:22:28.0	XRT_FOCUS_POSITION_414_OG [0x19e]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2026/04/08	18:22:30.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	01 03 74 01 f3				
2026/04/08	18:22:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/04/08	18:22:50.5	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/04/08	18:22:52.5	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/04/08	18:22:54.5	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/04/08	18:22:56.5	XRT_FLD_RESET_401_OG [0x191]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/04/08	18:25:26.5	XRT_QT_PROG_SET_435_OG [0x1b3]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f				
2026/04/08	18:25:28.5	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2026/04/08	18:25:30.5	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/04/08	19:25:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/08	19:25:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/08	19:25:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/04/08	19:25:36.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/04/08	19:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/04/08	19:49:00.0	XRT_Custom_430_OG [0x1ae]							
2026/04/08	19:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/04/08	21:02:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/08	21:02:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/08	21:02:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/04/08	21:02:36.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/04/08	21:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/04/08	21:26:00.0	XRT_Custom_430_OG [0x1ae]							
2026/04/08	21:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/04/08	22:39:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/08	22:39:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/08	22:39:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/04/08	22:39:36.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/04/08	22:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				

2026/04/08	23:02:00.0	XRT_Custom_430_OG [0x1ae]					
2026/04/08	23:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/09	00:16:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/09	00:16:32.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/09	00:16:34.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/09	00:16:36.0	XRT_PREFLR_STRT_431_OG [0x1af]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/04/09	00:19:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/04/09	00:32:00.0	XRT_Custom_430_OG [0x1ae]					
2026/04/09	00:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/09	01:49:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/09	01:49:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/09	01:49:04.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/09	01:49:06.0	XRT_PREFLR_STRT_431_OG [0x1af]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/04/09	01:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/04/09	02:07:00.0	XRT_Custom_430_OG [0x1ae]					
2026/04/09	02:08:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/09	03:15:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/09	03:15:32.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/09	03:15:34.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/09	03:15:36.0	XRT_PREFLR_STRT_431_OG [0x1af]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/04/09	03:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/04/09	03:45:00.0	XRT_Custom_430_OG [0x1ae]					
2026/04/09	03:46:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/09	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/09	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/09	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2026/04/09	04:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2026/04/09	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2026/04/09	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2026/04/09	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2026/04/09	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2026/04/09	04:00:26.0	XRT_FLD_RESET_401_OG [0x191]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/09	04:02:56.0	XRT_QT_PROG_SET_436_OG [0x1b4]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09		
2026/04/09	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e		
2026/04/09	04:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/09	04:43:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/09	04:43:32.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/09	04:43:34.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/09	04:43:36.0	XRT_PREFLR_STRT_431_OG [0x1af]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/04/09	04:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/04/09	05:12:30.0	XRT_Custom_430_OG [0x1ae]					
2026/04/09	05:13:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/09	05:17:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/09	05:17:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/09	05:17:04.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/09	05:17:06.0	XRT_PREFLR_STRT_431_OG [0x1af]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/04/09	05:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/04/09	05:23:00.0	XRT_Custom_430_OG [0x1ae]					
2026/04/09	05:24:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/09	05:55:54.0	XRT_CTRL_MANU_402_OG [0x192]					

2026/04/09	05:55:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/09	05:55:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/09	05:56:18.0	XRT_FLD_DIS_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/04/09	05:56:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9
2026/04/09	05:56:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2026/04/09	05:58:58.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/04/09	05:59:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2026/04/09	06:05:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/04/09	06:05:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/09	06:05:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/09	06:06:00.0	AOCS_ORe-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2026/04/09	06:06:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	01 03 74 01 f3
2026/04/09	06:06:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2026/04/09	06:06:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/04/09	06:06:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2026/04/09	06:06:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/04/09	06:08:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/04/09	06:08:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2026/04/09	06:09:00.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/04/09	06:23:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/04/09	06:23:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/09	06:23:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/09	06:23:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/04/09	06:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/04/09	06:49:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/04/09	06:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2026/04/09	06:55:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/04/09	06:55:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/09	06:55:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/09	06:55:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/04/09	06:58:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/04/09	07:01:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/04/09	07:02:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2026/04/09	08:03:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/04/09	08:03:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/09	08:03:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/09	08:03:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/04/09	08:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/04/09	08:39:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/04/09	08:40:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2026/04/09	09:42:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/04/09	09:42:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/09	09:42:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/09	09:42:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/04/09	09:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/04/09	10:03:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/04/09	10:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2026/04/09	10:11:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1

