

# XRT Timeline to be uploaded on 2026/03/10

Period: 2026/03/10 10:53:00 - 2026/03/14 10:33:00

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Normal mode

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XOB #1D03: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 1st Quadrant -AI/mesh(2048ms) - 1x1, AI/Poly(1443ms) - 2x2 - w leak image-1msC													
Term		Pointing (x, y)						Comment					
03/11 12:07:00 - 03/11 12:09:54		Fixed ( -528.4, -528.4)						Post bakeout Q1					
<b>PROG= 06 1-time(s)</b>													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 51 1-time(s) 2.0sec													
└─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (1536, 1536) Q=90 0 0 2.0sec													
└─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (1536, 1536) Q=90 0 0 2.0sec													
└─ Open/thick-Be Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (1536, 1536) Q=98 0 0 2.0sec													
└─ Open/thick-Be Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (1536, 1536) Q=98 0 0 2.0sec													
└─ Subr= 2 1-time(s) 120.0sec													
└─ Seqn= 93 2-time(s) 2.0sec													
└─ Open/AI-mesh Open/thick-AI close Safe Norm 2.00s Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec													
└─ AI-poly/Open med-Be/Open close Safe Norm 1.41s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec													
└─ Subr= 3 2-time(s) 2.0sec													
└─ Seqn= 34 1-time(s) 60.0sec													
└─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=90 0 0 2.0sec													
└─ Open/G-band Open/G-band close Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec													
Default Filter		Thicker Filter		VLS		mode image		Exp. CCD Bin		ROI: size (center)		Comp. AEC Buffer Interval	

XOB #1D04: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 2nd Quadrant -AI/mesh(2048ms) - 1x1, AI/Poly(1443ms) - 2x2 - w leak image-1msC													
Term		Pointing (x, y)						Comment					
03/11 12:13:00 - 03/11 12:19:54		Fixed ( 528.4, -528.4)						Post bakeout Q2					
<b>PROG= 20 1-time(s)</b>													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 38 1-time(s) 2.0sec													
└─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (512, 1536) Q=90 0 0 2.0sec													
└─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (512, 1536) Q=90 0 0 2.0sec													
└─ Open/thick-Be Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (512, 1536) Q=98 0 0 2.0sec													
└─ Open/thick-Be Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (512, 1536) Q=98 0 0 2.0sec													
└─ Subr= 2 1-time(s) 120.0sec													
└─ Seqn= 93 2-time(s) 2.0sec													
└─ Open/AI-mesh Open/thick-AI close Safe Norm 2.00s Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec													
└─ AI-poly/Open med-Be/Open close Safe Norm 1.41s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec													
└─ Subr= 3 2-time(s) 2.0sec													
└─ Seqn= 34 1-time(s) 60.0sec													
└─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=90 0 0 2.0sec													
└─ Open/G-band Open/G-band close Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec													
Default Filter		Thicker Filter		VLS		mode image		Exp. CCD Bin		ROI: size (center)		Comp. AEC Buffer Interval	

XOB #1D05: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 3rd Quadrant -AI/mesh(2048ms) - 1x1, AI/Poly(1443ms) - 2x2 - w leak image-1msC													
Term		Pointing (x, y)						Comment					
03/11 12:23:00 - 03/11 12:29:54		Fixed ( 528.4, 528.4)						Post bakeout Q3					
<b>PROG= 05 1-time(s)</b>													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 21 1-time(s) 2.0sec													
└─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (512, 512) Q=90 0 0 2.0sec													
└─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (512, 512) Q=90 0 0 2.0sec													
└─ Open/thick-Be Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (512, 512) Q=98 0 0 2.0sec													
└─ Open/thick-Be Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (512, 512) Q=98 0 0 2.0sec													
└─ Subr= 2 1-time(s) 120.0sec													
└─ Seqn= 93 2-time(s) 2.0sec													
└─ Open/AI-mesh Open/thick-AI close Safe Norm 2.00s Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec													
└─ AI-poly/Open med-Be/Open close Safe Norm 1.41s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec													
└─ Subr= 3 2-time(s) 2.0sec													
└─ Seqn= 34 1-time(s) 60.0sec													
└─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=90 0 0 2.0sec													
└─ Open/G-band Open/G-band close Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec													
Default Filter		Thicker Filter		VLS		mode image		Exp. CCD Bin		ROI: size (center)		Comp. AEC Buffer Interval	

XOB #1D06: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 4th Quadrant -AI/mesh(2048ms) - 1x1, AI/Poly(1443ms) - 2x2 - w leak image-1msC													
Term		Pointing (x, y)						Comment					
03/11 12:33:00 - 03/11 12:39:54		Fixed ( -528.4, 528.4)						Post bakeout Q4					
<b>PROG= 07 1-time(s)</b>													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 14 1-time(s) 2.0sec													
└─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (1536, 512) Q=90 0 0 2.0sec													
└─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (1536, 512) Q=90 0 0 2.0sec													
└─ Open/thick-Be Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (1536, 512) Q=98 0 0 2.0sec													
└─ Open/thick-Be Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (1536, 512) Q=98 0 0 2.0sec													
└─ Subr= 2 1-time(s) 120.0sec													



	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
<b>Subr= 2</b>	<b>5-time(s)</b>		<b>720.0sec</b>										
	<b>Seqn= 8</b>	<b>1-time(s)</b>		<b>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</b>	<b>1-time(s)</b>		<b>2.0sec</b>									
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

**XOB #1B89: AR - Standard Core - (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Al/poly context, with**

Term	Pointing (x, y)	Comment											
03/11 23:13:00 - 03/12 03:59:54	Track ( -464.6, 215.9) @ 03/11 23:10:00	AR14387											
03/12 06:02:30 - 03/12 09:35:30	Track ( -407.7, 219.3) @ 03/12 05:59:30	AR14387											
<b>PROG= 08</b>	<b>Inf.-time(s)</b>												
<b>Subr= 1</b>	<b>1-time(s) 2.0sec</b>												
	<b>Seqn= 92</b>	<b>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-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
<b>Subr= 2</b>	<b>5-time(s) 2.0sec</b>												
	<b>Seqn= 47</b>	<b>1-time(s) 2.0sec</b>											
	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
	<b>Seqn= 96</b>	<b>4-time(s)</b>		<b>60.0sec</b>									
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

**XOB #1D29: 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											
03/12 04:03:00 - 03/12 05:49:24	Fixed ( 0.0, 0.0)	HOP349 + synoptic, shifted -10.5 min											
<b>PROG= 02</b>	<b>Inf.-time(s)</b>												
<b>Subr= 1</b>	<b>1-time(s) 300.0sec</b>												
	<b>Seqn=100</b>	<b>1-time(s) 2.0sec</b>											
	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
	<b>Seqn= 84</b>	<b>1-time(s)</b>		<b>2.0sec</b>									
	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
	<b>Seqn= 57</b>	<b>1-time(s)</b>		<b>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</b>	<b>1-time(s)</b>		<b>2.0sec</b>									
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 1536)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 1536)	Q=95	0	0	2.0sec
<b>Subr= 2</b>	<b>6-time(s)</b>		<b>1200.0sec</b>										
	<b>Seqn= 8</b>	<b>1-time(s)</b>		<b>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</b>	<b>1-time(s)</b>		<b>2.0sec</b>									
	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
	<b>Seqn= 29</b>	<b>1-time(s)</b>		<b>2.0sec</b>									
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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**Flare mode**

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

Term	Pointing (x, y)	Comment
03/11 12:58:30 - 03/11 13:18:24	Fixed ( -22.0, -984.0)	HOP412 01/20
03/11 13:21:30 - 03/11 13:41:24	Fixed ( -22.0, -884.0)	HOP412 02/20
03/11 13:44:36 - 03/11 14:04:24	Fixed ( -22.0, -784.0)	HOP412 03/20
03/11 14:07:30 - 03/11 14:27:24	Fixed ( -22.0, -684.0)	HOP412 04/20
03/11 14:30:30 - 03/11 14:50:24	Fixed ( -22.0, -584.0)	HOP412 05/20

03/11 14:53:30 - 03/11 15:13:24	Fixed ( -22.0, -484.0)	HOP412 06/20
03/11 15:16:30 - 03/11 15:36:24	Fixed ( -22.0, -384.0)	HOP412 07/20
03/11 15:39:30 - 03/11 16:28:30	Fixed ( -22.0, -284.0)	HOP412 08/20
03/11 16:33:30 - 03/11 16:53:24	Fixed ( -22.0, -184.0)	HOP412 09/20
03/11 16:56:30 - 03/11 17:16:24	Fixed ( -22.0, -84.0)	HOP412 10/20
03/11 18:10:00 - 03/11 18:29:54	Fixed ( -22.0, 106.0)	HOP412 12/20
03/11 18:33:00 - 03/11 18:52:54	Fixed ( -22.0, 206.0)	HOP412 13/20
03/11 18:56:00 - 03/11 19:19:30	Fixed ( -22.0, 306.0)	HOP412 14/20
03/11 19:46:30 - 03/11 20:06:24	Fixed ( -22.0, 406.0)	HOP412 15/20
03/11 20:09:30 - 03/11 20:29:24	Fixed ( -22.0, 506.0)	HOP412 16/20
03/11 20:32:30 - 03/11 20:56:00	Fixed ( -22.0, 606.0)	HOP412 17/20
03/11 21:23:30 - 03/11 21:43:24	Fixed ( -22.0, 706.0)	HOP412 18/20
03/11 21:46:30 - 03/11 22:06:24	Fixed ( -22.0, 806.0)	HOP412 19/20
03/11 22:09:30 - 03/11 22:29:24	Fixed ( -22.0, 906.0)	HOP412 20/20
03/11 23:13:00 - 03/12 03:59:54	Track ( -464.6, 215.9) @ 03/11 23:10:00	AR14387
03/12 04:03:00 - 03/12 05:49:24	Fixed ( 0.0, 0.0)	HOP349 + synoptic, shifted -10.5 min
03/12 06:02:30 - 03/12 09:35:30	Track ( -407.7, 219.3) @ 03/12 05:59:30	AR14387

**PROG= 14 30-time(s)**

<b>Subr= 1 1-time(s) 2.0sec</b>	
<b>Seqn= 68 1-time(s) 2.0sec</b>	
Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 384x384 (1024, 1024) Q=95 0 0 2.0sec	
<b>Subr= 2 20-time(s) 2.0sec</b>	
<b>Seqn= 11 1-time(s) 2.0sec</b>	
Al-poly/Open Al-poly/thick-Al close Safe Norm 125ms Obs 2x2 512x512 (1024, 1024) Q=95 2 0 2.0sec	
<b>Seqn= 73 1-time(s) 10.0sec</b>	
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	
<b>Subr= 3 1-time(s) 2.0sec</b>	
<b>Seqn= 10 1-time(s) 2.0sec</b>	
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	
<b>Seqn= 11 1-time(s) 2.0sec</b>	
Al-poly/Open Al-poly/thick-Al close Safe Norm 125ms Obs 2x2 512x512 (1024, 1024) Q=95 2 0 2.0sec	
<b>Seqn= 87 1-time(s) 2.0sec</b>	
Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 384x384 (1024, 1024) Q=98 0 0 2.0sec	
Open/G-band Open/G-band close Safe Norm 1ms Obs 1x1 384x384 (1024, 1024) Q=98 0 0 2.0sec	
Open/thick-Al Open/thick-Al close Safe Dark 1.00s Obs 1x1 384x384 (1024, 1024) Q=98 0 0 2.0sec	
Open/thick-Al Open/thick-Al close Safe Dark 1.00s Obs 2x2 512x512 (1024, 1024) Q=98 0 0 2.0sec	
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval	

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**Active Region Search**

\* \* \* \* \*

NOT USED

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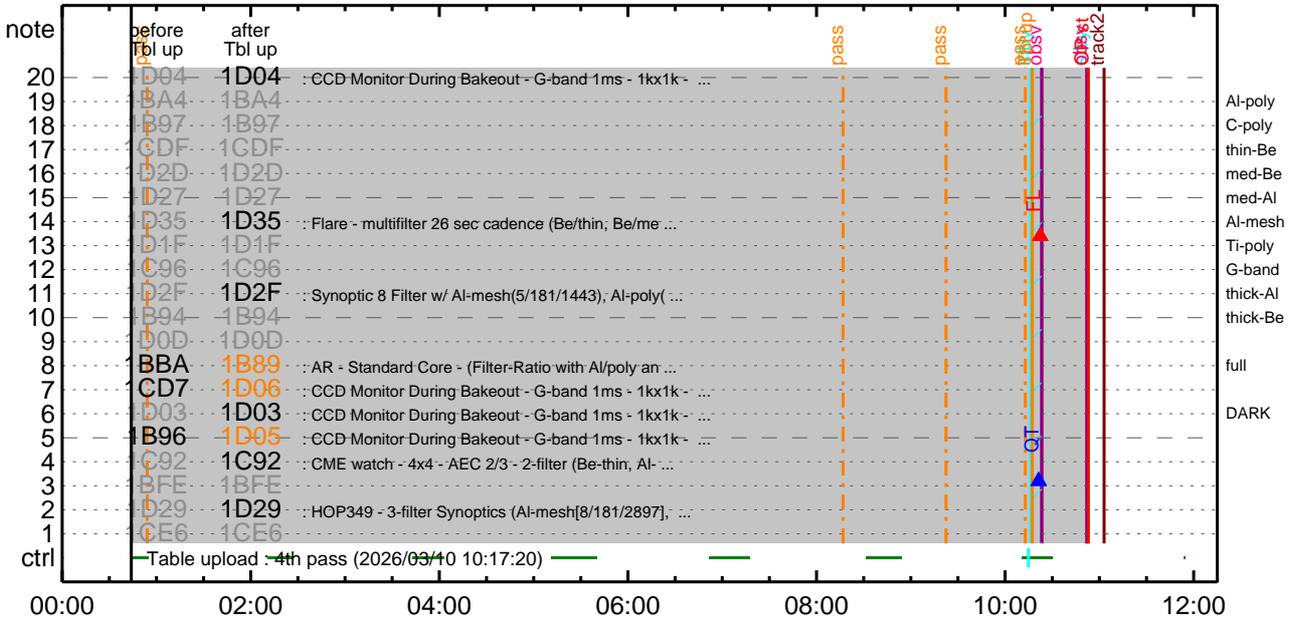
**Flare Detection**

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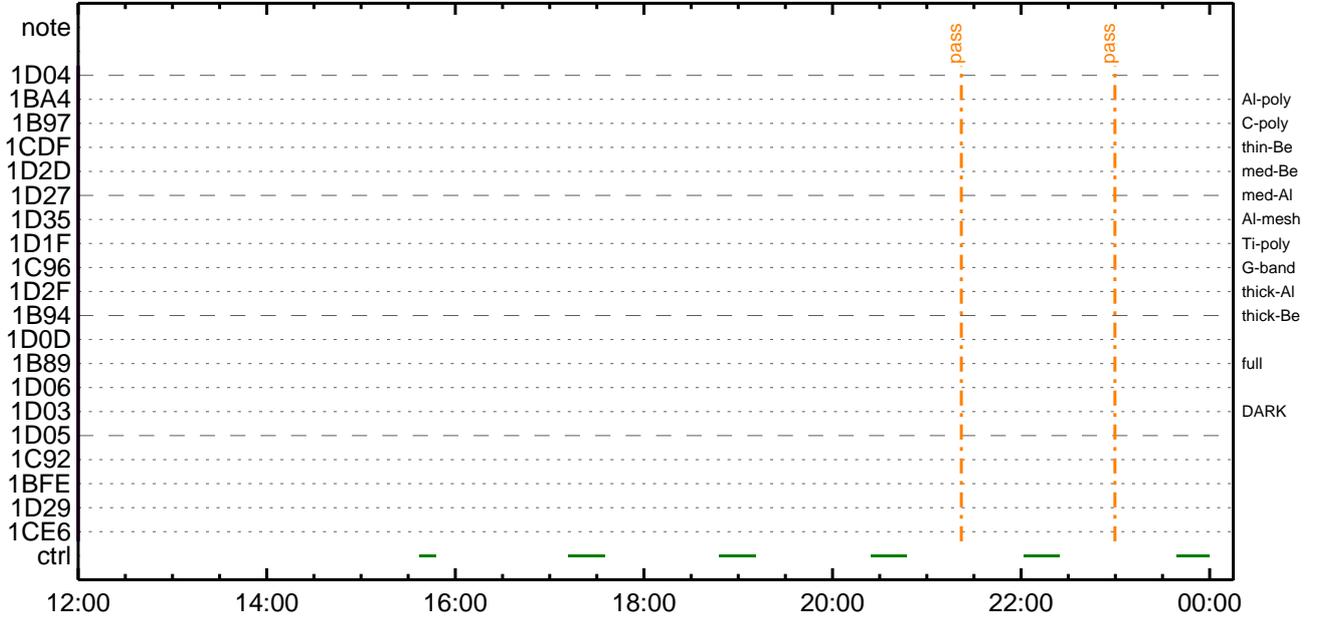
**FLD Patrol**

Term	Pointing (x, y)	Comment
03/10 10:18:20 - 03/11 12:06:56	cannot be identified	
03/11 12:55:46 - 03/11 17:16:48	Fixed ( -22.0, -984.0)	HOP412 01/20
03/11 18:07:16 - 03/11 22:29:48	Fixed ( -22.0, 106.0)	HOP412 12/20
03/11 23:10:16 - 03/12 05:49:48	Track ( -464.6, 215.9) @ 03/11 23:10:00	AR14387
03/12 05:59:46 - 03/14 10:33:00	Track ( -407.7, 219.3) @ 03/12 05:59:30	AR14387
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		

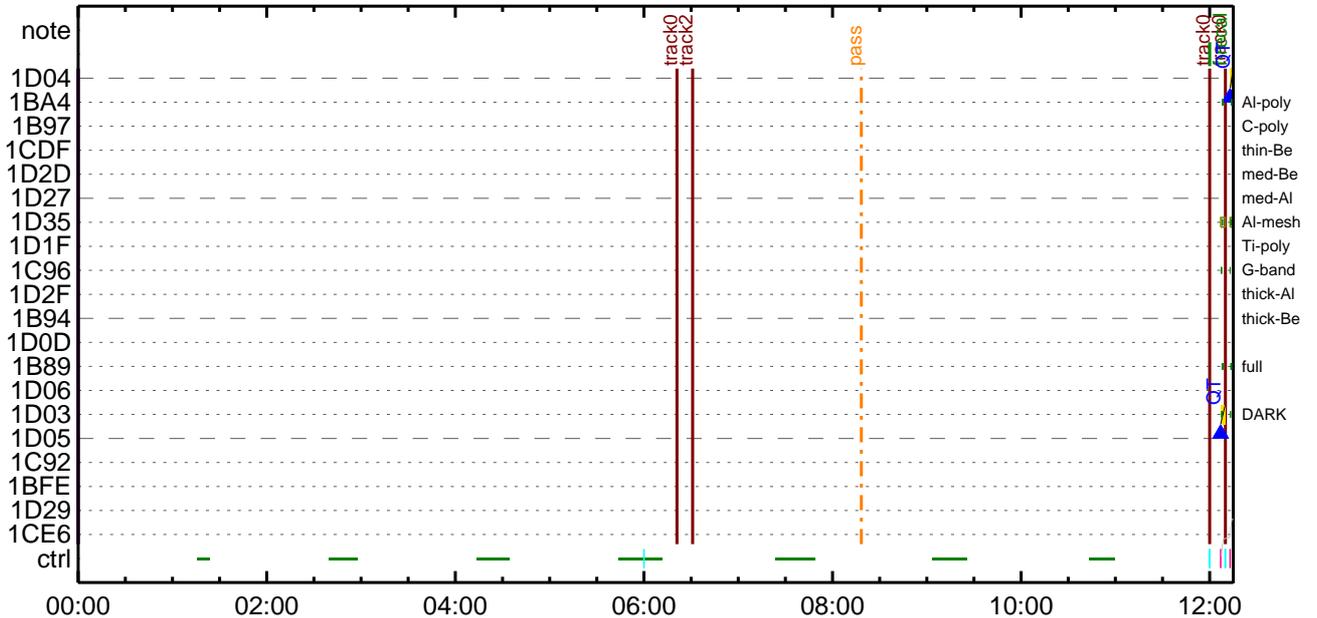
### CMDI #0182 2026/03/10



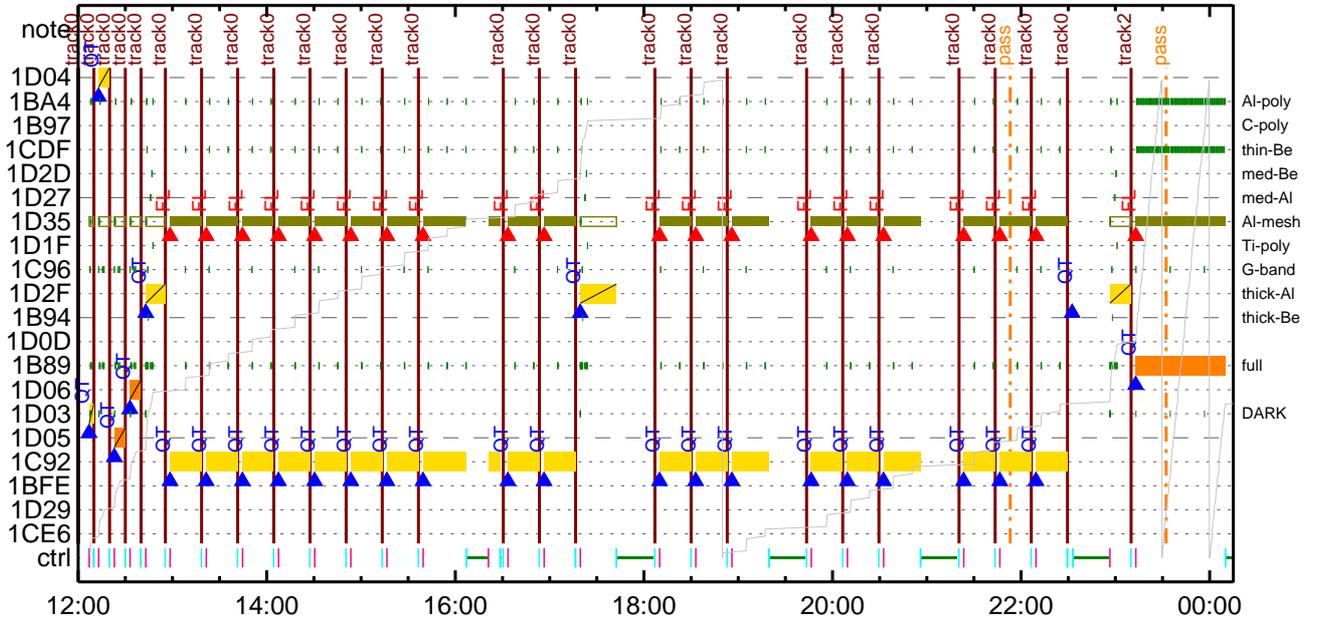
### CMDI #0182 2026/03/10



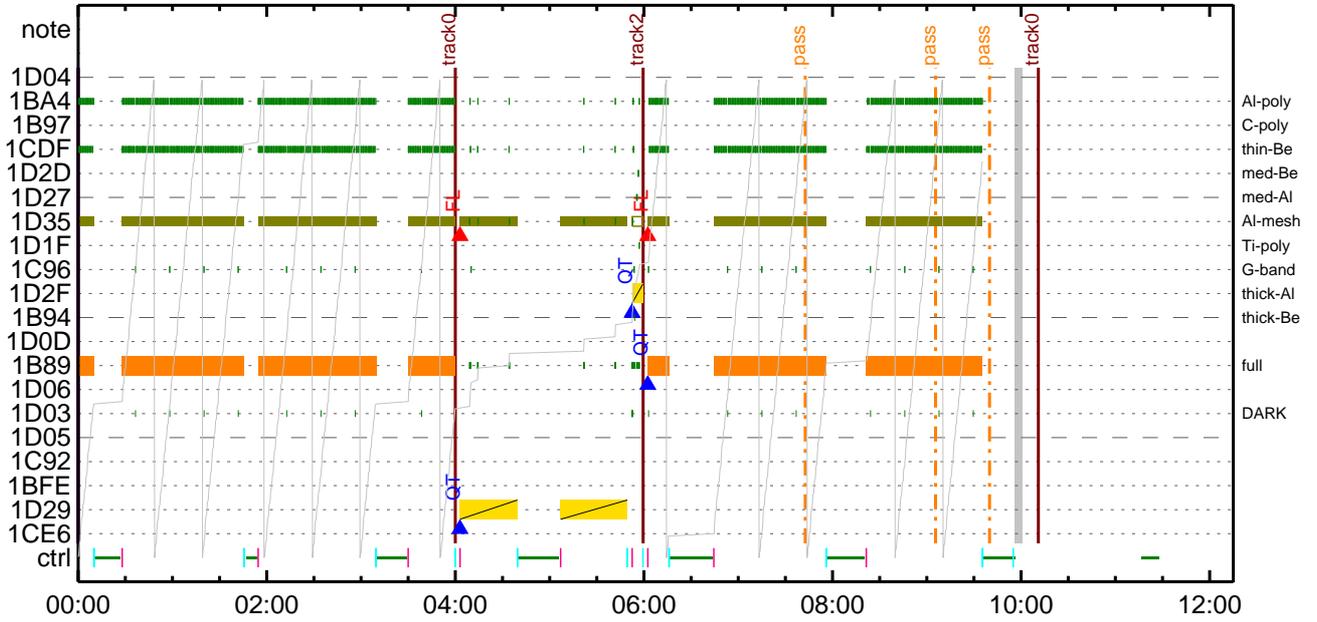
### CMDI #0182 2026/03/11



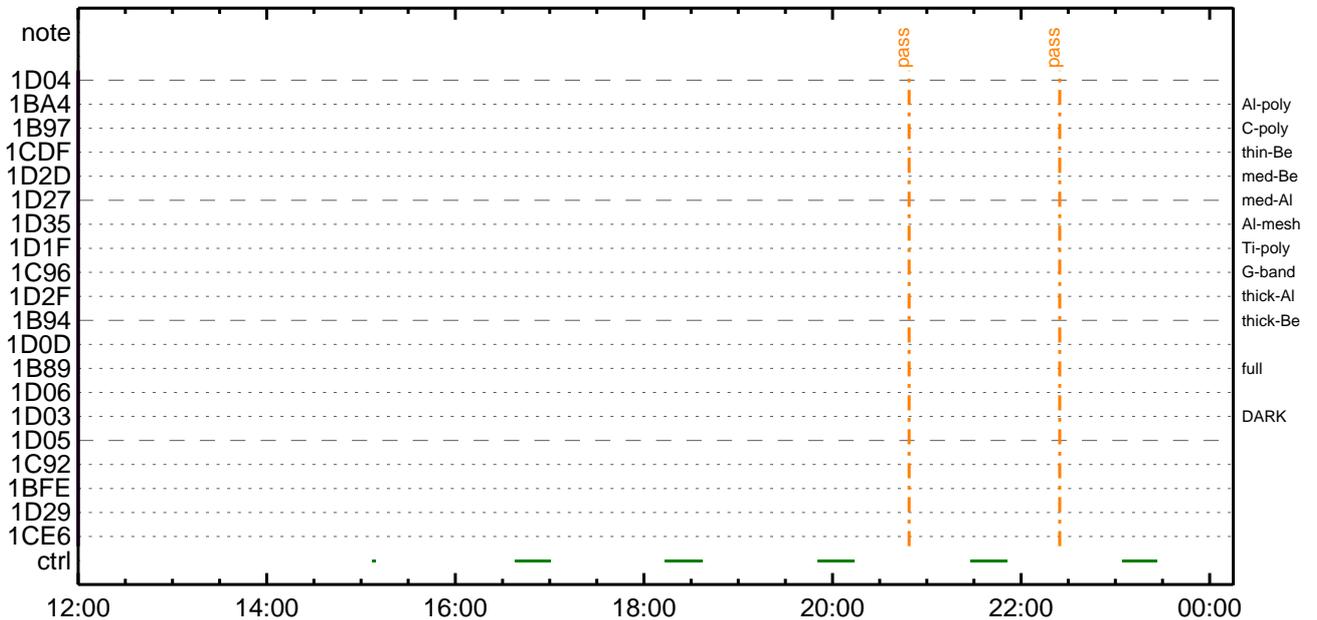
CMDI #0182 2026/03/11



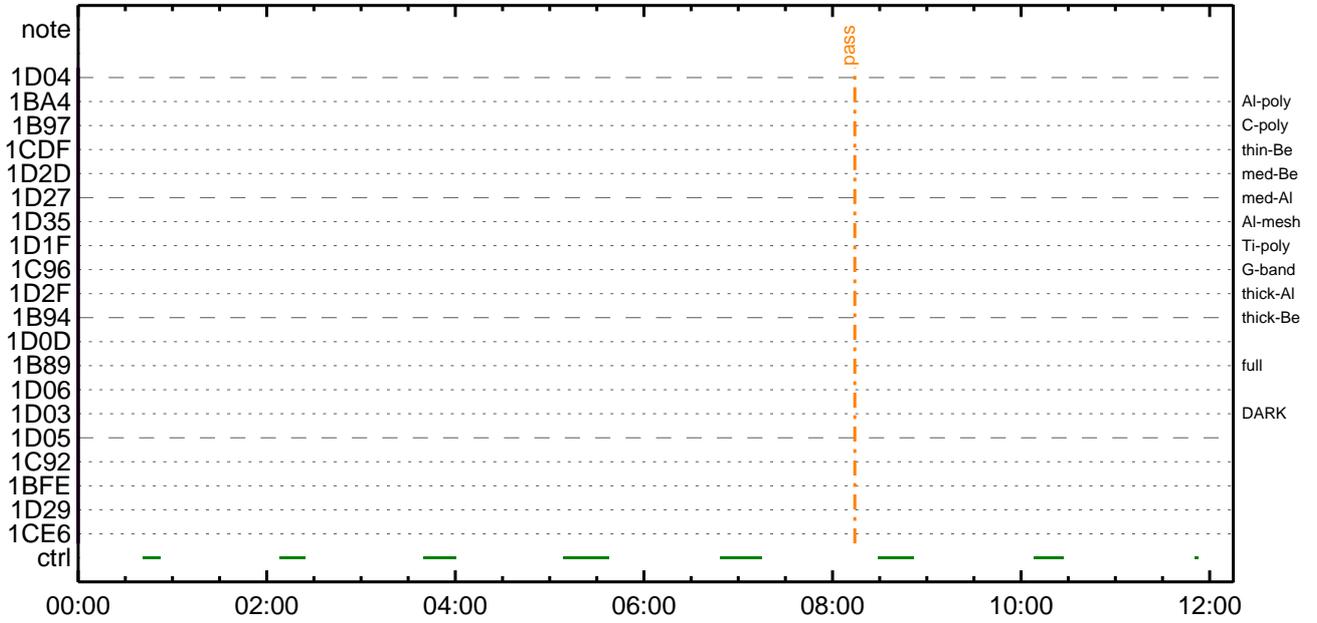
CMDI #0182 2026/03/12



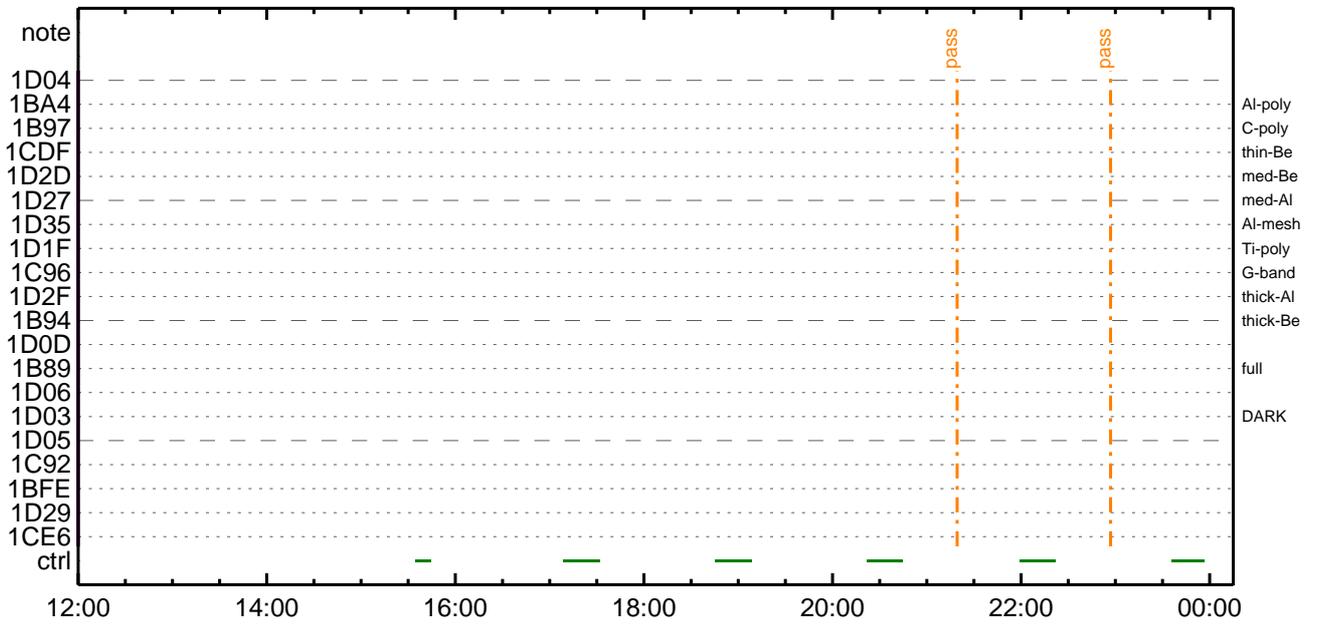
CMDI #0182 2026/03/12



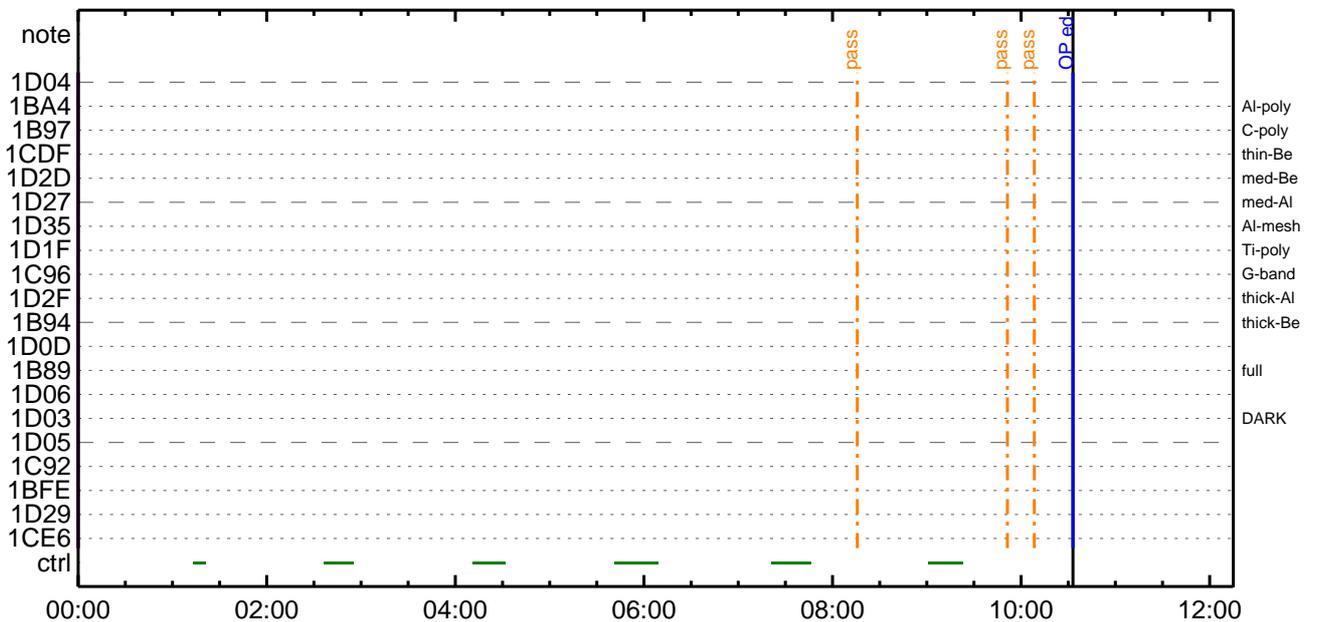
CMDI #0182 2026/03/13

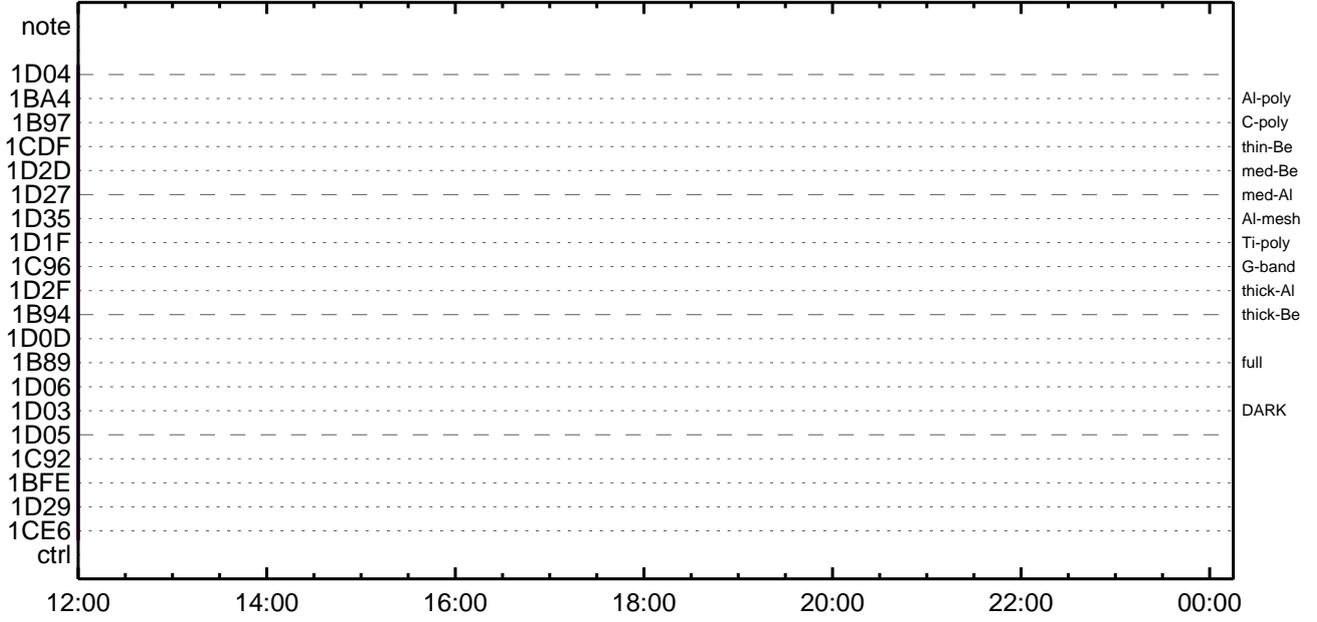


CMDI #0182 2026/03/13



CMDI #0182 2026/03/14





(a) Spacecraft Operation Procedure (real-commands)

```
main-847 2026-03-10 13:34:00 29 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŸÁŸSŸÃŸ^-¼Ã»Û;ä
0005 C.
0006 C. ŸÀŸß;¼Ÿ³ŸDŸóŸÉÁ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. ̂í;Ēñ¿ñĀñ•μ°Ē»Í×ĀÇñĪŸçŸĀŸ×Ÿí;¼ŸÉ;ĒĒè½μ•īĪĒ;ĒñĒ¼°ÇŌñ•ñ¿¼ī¹ÇñĪ;çĀ®, ùñ¹ñèñDñÇĀ÷¿®ñ•ñĒñññ³ñĒ;Ē
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 . C. ***** MDP 'úĀĪñĪ»ó¼ŸñĒĒñ¹ñĒDCBC•×²è *****
0016 C. (¾ā°īŸŌŸĀŸĒŸDŸĒŸĒŸĀŸçŸĒñĒĒ¾ññ¼Ā»Ûñ¹ñĒ)
0017 . S. DC-BC dcbc-402:DCBC
0018 (MDP_known_event)
0019 C.
0020 C.
0021 . C. ***** ŸDŸ¹•Ī Daily÷¿ĪññĒ'Ōñ¹ñĒDCBC•×²è *****
0022 . S. DC-BC dcbc-153:DCBC
0023 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0024 C.
0025 C.
0026 . C. ;ãLOSŸÁŸSŸÃŸ^-¼Ã»Û;ä
0027 C.
0028 . C. ***** LOS *****
0029 C.
```









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0096 C.
0097 C.
0098 . C. ***** AOCs Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ()
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE STATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCs Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCSDUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 . C.
0129 . C. ***** AOCs Commands (Orbital Element Update) *****
0130 C. Update the orbital element
0131 +. DC 02-50 AOCU_ORB_PRPGT_START
0132 BC (16)
0133 + DC 02-8E AOCU_ORB_UPD
0134 C.
0135 C. <A_ORB>[ORBIT] EPC = 839177.9 +- 1.0 (s) [ ]
0136 C.
0137 . C.
0138 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0139 +. DC 07-FC EIS_MODE_CHG_ENA
0140 BC (20)
0141 . C. Verify EIS_MODE_CHG_FLG is ENA
0142 +. DC 07-FC EIS_MODE_MANU
0143 BC (21 02)
0144 . C. Verify EIS in MANUAL mode
0145 . C. Estimated OBSTBL upload time is 46s
0146 C. *****
0147 C. EIS START OBSTBL LOAD
0148 C. *****
0149 . S. RAM ram-820:EIS_OBSTBL
0150 ()
0151 +. DC 07-FC EIS_DUMP_OBSTBL
0152 BC (07 07 07 00 00 70 00)
0153 C.
0154 C. Execute, after the success of OBSTBL upload.
0155 C. Set EIS TI-commands
0156 +. TI 2026-03-10 10:52:50.0
0157 DC 07-FC EIS_MODE_CHG_ENA
0158 BC (20)
0159 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0160 C. *****
0161 C. EIS END OBSTBL LOAD
0162 C. *****
0163 C.
0164 . C. ***** MDP 'úÃî»ö¼ÝñËÄñ¹ëDCBC•x²è *****
0165 C. (¾á°îÿÓÿÄÿËÿÐÿËÿÄÿÇÿËëñ¼¼Ä»Û¹ë)
0166 . S. DC-BC dcbc-402:DCBC
0167 (MDP_known_event)
0168 C.
0169 C.
0170 . C. ***** ¼Ðÿ¹•Ï Daily±¿ÍÑë'Øñ¹ëDCBC•x²è *****
0171 . S. DC-BC dcbc-153:DCBC
0172 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0173 C.
0174 C.
0175 . C. ;ãLOSÿÁÿSÿÄÿÿ¼Ä»Û;ã
0176 C.
0177 . C. ***** LOS *****
0178 C.

```



```
0096 . S. DC-BC dcbc-402:DCBC
0097 (MDF_known_event)
0098 C.
0099 C.
0100 . C. ***** ¥Ð¥¹•Ï Daily±;íÑ«Ë'Ø«¹«èDCBC•x²è *****
0101 . S. DC-BC dcbc-153:DCBC
0102 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0103 C.
0104 C.
0105 . C. ;ãLOS¥Á¥S¥Ã¥~¼Á»Û;ã
0106 C.
0107 . C. ***** LOS *****
0108 C.
```

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

```

2026/03/10 11:03:00.0 AOCs_OrE-point_Start_1_OG [0x097]
                        AOCU_NM                    5 02-76 02 03 74 01 f3
2026/03/11 06:00:00.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2026/03/11 06:00:02.0 XRT_TCIB_XRT_S_HTR_A_DIS_422_OG [0x1a6]
                        TCIB_XRT_S_HTR_A_DIS      0 04-C0
2026/03/11 06:21:00.0 AOCs_OrE-point_Start_2_OG [0x098]
                        AOCU_NM                    5 02-76 00 00 00 00 00
2026/03/11 06:31:00.0 AOCs_OrE-point_Start_1_OG [0x097]
                        AOCU_NM                    5 02-76 02 03 74 01 f3
2026/03/11 11:59:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2026/03/11 11:59:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2026/03/11 11:59:58.0 XRT_FOCUS_RECALIBRATE_407_OG [0x197]
                        XRT_FOCUS_RECAL           2 07-F8 78 00
2026/03/11 12:00:00.0 AOCs_OrE-point_Start_3_OG [0x099]
                        AOCU_NM                    5 02-76 00 2e f9 2e f9
2026/03/11 12:03:58.0 XRT_FOCUS_POSITION_410_OG [0x19a]
                        XRT_FOCUS_POSITION         4 07-F8 22 ff aa 00
2026/03/11 12:06:52.0 XRT_ARS_DIS_432_OG [0x1b0]
                        MDP_XRT_ARS_DIS           1 07-F0 d5
2026/03/11 12:06:54.0 XRT_FLRCTRL_DIS_449_OG [0x1c1]
                        MDP_XRT_FLRCTRL_DIS       1 07-F0 c9
2026/03/11 12:06:56.0 XRT_FLD_DIS_405_OG [0x195]
                        MDP_XRT_FLD_DIS           1 07-F0 d9
2026/03/11 12:06:58.0 XRT_OT_PROG_SET_421_OG [0x1a5]
                        MDP_XRT_OT_PROG_SET       2 07-F0 c4 06
2026/03/11 12:07:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO         1 07-F0 c0
2026/03/11 12:09:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2026/03/11 12:09:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2026/03/11 12:09:58.0 XRT_FOCUS_POSITION_410_OG [0x19a]
                        XRT_FOCUS_POSITION         4 07-F8 22 ff aa 00
2026/03/11 12:10:00.0 AOCs_OrE-point_Start_4_OG [0x09a]
                        AOCU_NM                    5 02-76 00 2e f9 d1 07
2026/03/11 12:12:52.0 XRT_ARS_DIS_432_OG [0x1b0]
                        MDP_XRT_ARS_DIS           1 07-F0 d5
2026/03/11 12:12:54.0 XRT_FLRCTRL_DIS_449_OG [0x1c1]
                        MDP_XRT_FLRCTRL_DIS       1 07-F0 c9
2026/03/11 12:12:56.0 XRT_FLD_DIS_405_OG [0x195]
                        MDP_XRT_FLD_DIS           1 07-F0 d9
2026/03/11 12:12:58.0 XRT_OT_PROG_SET_438_OG [0x1b6]
                        MDP_XRT_OT_PROG_SET       2 07-F0 c4 14
2026/03/11 12:13:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO         1 07-F0 c0
2026/03/11 12:19:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2026/03/11 12:19:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2026/03/11 12:19:58.0 XRT_FOCUS_POSITION_410_OG [0x19a]
                        XRT_FOCUS_POSITION         4 07-F8 22 ff aa 00
2026/03/11 12:20:00.0 AOCs_OrE-point_Start_5_OG [0x09b]
                        AOCU_NM                    5 02-76 00 d1 07 d1 07
2026/03/11 12:22:52.0 XRT_ARS_DIS_432_OG [0x1b0]
                        MDP_XRT_ARS_DIS           1 07-F0 d5
2026/03/11 12:22:54.0 XRT_FLRCTRL_DIS_449_OG [0x1c1]
                        MDP_XRT_FLRCTRL_DIS       1 07-F0 c9
2026/03/11 12:22:56.0 XRT_FLD_DIS_405_OG [0x195]
                        MDP_XRT_FLD_DIS           1 07-F0 d9
2026/03/11 12:22:58.0 XRT_OT_PROG_SET_428_OG [0x1ac]
                        MDP_XRT_OT_PROG_SET       2 07-F0 c4 05
2026/03/11 12:23:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO         1 07-F0 c0
2026/03/11 12:29:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2026/03/11 12:29:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2026/03/11 12:29:58.0 XRT_FOCUS_POSITION_410_OG [0x19a]
                        XRT_FOCUS_POSITION         4 07-F8 22 ff aa 00
2026/03/11 12:30:00.0 AOCs_OrE-point_Start_6_OG [0x09c]
                        AOCU_NM                    5 02-76 00 d1 07 2e f9
2026/03/11 12:32:52.0 XRT_ARS_DIS_432_OG [0x1b0]
                        MDP_XRT_ARS_DIS           1 07-F0 d5
2026/03/11 12:32:54.0 XRT_FLRCTRL_DIS_449_OG [0x1c1]
                        MDP_XRT_FLRCTRL_DIS       1 07-F0 c9
2026/03/11 12:32:56.0 XRT_FLD_DIS_405_OG [0x195]
                        MDP_XRT_FLD_DIS           1 07-F0 d9
2026/03/11 12:32:58.0 XRT_OT_PROG_SET_434_OG [0x1b2]
                        MDP_XRT_OT_PROG_SET       2 07-F0 c4 07
2026/03/11 12:33:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO         1 07-F0 c0
2026/03/11 12:39:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2026/03/11 12:39:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2026/03/11 12:39:58.0 XRT_FOCUS_POSITION_406_OG [0x196]
                        XRT_FOCUS_POSITION         4 07-F8 22 ff aa 00
2026/03/11 12:40:00.0 AOCs_OrE-point_Start_2_OG [0x098]

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2026/03/11	12:40:18.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00	00	00	00	00	
		MDP_XRT_FLD_DIS		1	07-F0	d9					
2026/03/11	12:40:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]		1	07-F0	c9					
		MDP_XRT_FLRCTRL_DIS		1	07-F0	c9					
2026/03/11	12:40:22.0	XRT_ARS_DIS_420_OG [0x1a4]		1	07-F0	d5					
		MDP_XRT_ARS_DIS		1	07-F0	d5					
2026/03/11	12:42:58.0	XRT_QT_PROG_SET_447_OG [0x1bf]		2	07-F0	c4	0b				
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	0b				
2026/03/11	12:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]		1	07-F0	c0					
		MDP_XRT_CTRL_AUTO		1	07-F0	c0					
2026/03/11	12:55:24.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1					
		MDP_XRT_CTRL_MANU		1	07-F0	c1					
2026/03/11	12:55:26.0	XRT_FOCUS_POSITION_414_OG [0x19e]		4	07-F8	22	fe	97	00		
		XRT_FOCUS_POSITION		4	07-F8	22	fe	97	00		
2026/03/11	12:55:30.0	AOCs_OrE-point_Start_7_OG [0x09d]		5	02-76	00	57	74	01	f3	
		AOCU_NM		5	02-76	00	57	74	01	f3	
2026/03/11	12:55:46.0	XRT_FLD_ENA_411_OG [0x19b]		1	07-F0	d8					
		MDP_XRT_FLD_ENA		1	07-F0	d8					
2026/03/11	12:55:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		1	07-F0	c8					
		MDP_XRT_FLRCTRL_ENA		1	07-F0	c8					
2026/03/11	12:55:50.0	XRT_AEC_RESET_448_OG [0x1c0]		1	07-F0	d0					
		MDP_XRT_AEC_RESET		1	07-F0	d0					
2026/03/11	12:55:52.0	XRT_ARS_DIS_423_OG [0x1a7]		1	07-F0	d5					
		MDP_XRT_ARS_DIS		1	07-F0	d5					
2026/03/11	12:55:54.0	XRT_FLD_RESET_425_OG [0x1a9]		1	07-F0	da					
		MDP_XRT_FLD_RESET		1	07-F0	da					
2026/03/11	12:58:26.0	XRT_QT_PROG_SET_416_OG [0x1a0]		2	07-F0	c4	04				
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	04				
2026/03/11	12:58:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]		2	07-F0	c5	0e				
		MDP_XRT_FL_PROG_SET		2	07-F0	c5	0e				
2026/03/11	12:58:30.0	XRT_CTRL_AUTO_408_OG [0x198]		1	07-F0	c0					
		MDP_XRT_CTRL_AUTO		1	07-F0	c0					
2026/03/11	13:18:24.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1					
		MDP_XRT_CTRL_MANU		1	07-F0	c1					
2026/03/11	13:18:26.0	XRT_FOCUS_POSITION_414_OG [0x19e]		4	07-F8	22	fe	97	00		
		XRT_FOCUS_POSITION		4	07-F8	22	fe	97	00		
2026/03/11	13:18:30.0	AOCs_OrE-point_Start_8_OG [0x09e]		5	02-76	00	4e	97	01	f3	
		AOCU_NM		5	02-76	00	4e	97	01	f3	
2026/03/11	13:18:46.0	XRT_FLD_ENA_411_OG [0x19b]		1	07-F0	d8					
		MDP_XRT_FLD_ENA		1	07-F0	d8					
2026/03/11	13:18:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		1	07-F0	c8					
		MDP_XRT_FLRCTRL_ENA		1	07-F0	c8					
2026/03/11	13:18:50.0	XRT_AEC_RESET_448_OG [0x1c0]		1	07-F0	d0					
		MDP_XRT_AEC_RESET		1	07-F0	d0					
2026/03/11	13:18:52.0	XRT_ARS_DIS_423_OG [0x1a7]		1	07-F0	d5					
		MDP_XRT_ARS_DIS		1	07-F0	d5					
2026/03/11	13:18:54.0	XRT_FLD_RESET_425_OG [0x1a9]		1	07-F0	da					
		MDP_XRT_FLD_RESET		1	07-F0	da					
2026/03/11	13:21:26.0	XRT_QT_PROG_SET_416_OG [0x1a0]		2	07-F0	c4	04				
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	04				
2026/03/11	13:21:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]		2	07-F0	c5	0e				
		MDP_XRT_FL_PROG_SET		2	07-F0	c5	0e				
2026/03/11	13:21:30.0	XRT_CTRL_AUTO_408_OG [0x198]		1	07-F0	c0					
		MDP_XRT_CTRL_AUTO		1	07-F0	c0					
2026/03/11	13:41:24.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1					
		MDP_XRT_CTRL_MANU		1	07-F0	c1					
2026/03/11	13:41:26.0	XRT_ROI_A_441_OG [0x1b9]		6	07-F0	cd	05	85	83	06	06
		MDP_XRT_ROI_SET		6	07-F0	cd	06	80	80	08	08
		MDP_XRT_ROI_SET		6	07-F0	cd	07	80	80	20	20
		MDP_XRT_ROI_SET		6	07-F0	cd	08	85	83	08	08
		MDP_XRT_ROI_SET		6	07-F0	cd	0c	80	80	20	20
		MDP_XRT_ROI_SET		6	07-F0	cd	0d	80	80	08	08
		MDP_XRT_ROI_SET		6	07-F0	cd	0e	85	83	06	06
		MDP_XRT_ROI_SET		6	07-F0	cd	0f	80	80	06	06
2026/03/11	13:41:26.5	XRT_ROI_B_442_OG [0x1ba]		6	07-F0	cd	0f	80	80	06	06
		MDP_XRT_ROI_SET		6	07-F0	cd	10	80	80	08	08
		MDP_XRT_ROI_SET		6	07-F0	cd	10	80	80	08	08
2026/03/11	13:41:30.0	AOCs_OrE-point_Start_9_OG [0x09f]		5	02-76	00	45	b2	01	f3	
		AOCU_NM		5	02-76	00	45	b2	01	f3	
2026/03/11	13:41:31.5	XRT_FOCUS_POSITION_414_OG [0x19e]		4	07-F8	22	fe	97	00		
		XRT_FOCUS_POSITION		4	07-F8	22	fe	97	00		
2026/03/11	13:41:51.5	XRT_FLD_ENA_411_OG [0x19b]		1	07-F0	d8					
		MDP_XRT_FLD_ENA		1	07-F0	d8					
2026/03/11	13:41:53.5	XRT_FLRCTRL_ENA_412_OG [0x19c]		1	07-F0	c8					
		MDP_XRT_FLRCTRL_ENA		1	07-F0	c8					
2026/03/11	13:41:55.5	XRT_AEC_RESET_448_OG [0x1c0]		1	07-F0	d0					
		MDP_XRT_AEC_RESET		1	07-F0	d0					
2026/03/11	13:41:57.5	XRT_ARS_DIS_423_OG [0x1a7]		1	07-F0	d5					
		MDP_XRT_ARS_DIS		1	07-F0	d5					
2026/03/11	13:41:59.5	XRT_FLD_RESET_425_OG [0x1a9]		1	07-F0	da					
		MDP_XRT_FLD_RESET		1	07-F0	da					
2026/03/11	13:44:31.5	XRT_QT_PROG_SET_416_OG [0x1a0]		2	07-F0	c4	04				
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	04				
2026/03/11	13:44:34.5	XRT_FL_PROG_SET_439_OG [0x1b7]		2	07-F0	c5	0e				
		MDP_XRT_FL_PROG_SET		2	07-F0	c5	0e				
2026/03/11	13:44:36.5	XRT_CTRL_AUTO_408_OG [0x198]		1	07-F0	c0					
		MDP_XRT_CTRL_AUTO		1	07-F0	c0					
2026/03/11	14:04:24.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1					
		MDP_XRT_CTRL_MANU		1	07-F0	c1					
2026/03/11	14:04:26.0	XRT_FOCUS_POSITION_414_OG [0x19e]		4	07-F8	22	fe	97	00		
		XRT_FOCUS_POSITION		4	07-F8	22	fe	97	00		

2026/03/11	14:04:30.0	AOCS_ORe-point_Start_10_OG [0x0a0] AOCU_NM	5	02-76	00	3c	cc	01	f3
2026/03/11	14:04:46.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0		d8			
2026/03/11	14:04:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2026/03/11	14:04:50.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0		d0			
2026/03/11	14:04:52.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5			
2026/03/11	14:04:54.0	XRT_FLD_RESET_425_OG [0x1a9] MDP_XRT_FLD_RESET	1	07-F0		da			
2026/03/11	14:07:26.0	XRT_QT_PROG_SET_416_OG [0x1a0] MDP_XRT_QT_PROG_SET	2	07-F0		c4	04		
2026/03/11	14:07:28.0	XRT_FL_PROG_SET_439_OG [0x1b7] MDP_XRT_FL_PROG_SET	2	07-F0		c5	0e		
2026/03/11	14:07:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2026/03/11	14:27:24.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1			
2026/03/11	14:27:26.0	XRT_FOCUS_POSITION_414_OG [0x19e] XRT_FOCUS_POSITION	4	07-F8		22	fe	97	00
2026/03/11	14:27:30.0	AOCS_ORe-point_Start_11_OG [0x0a1] AOCU_NM	5	02-76	00	33	e7	01	f3
2026/03/11	14:27:46.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0		d8			
2026/03/11	14:27:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2026/03/11	14:27:50.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0		d0			
2026/03/11	14:27:52.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5			
2026/03/11	14:27:54.0	XRT_FLD_RESET_425_OG [0x1a9] MDP_XRT_FLD_RESET	1	07-F0		da			
2026/03/11	14:30:26.0	XRT_QT_PROG_SET_416_OG [0x1a0] MDP_XRT_QT_PROG_SET	2	07-F0		c4	04		
2026/03/11	14:30:28.0	XRT_FL_PROG_SET_439_OG [0x1b7] MDP_XRT_FL_PROG_SET	2	07-F0		c5	0e		
2026/03/11	14:30:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2026/03/11	14:50:24.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1			
2026/03/11	14:50:26.0	XRT_FOCUS_POSITION_414_OG [0x19e] XRT_FOCUS_POSITION	4	07-F8		22	fe	97	00
2026/03/11	14:50:30.0	AOCS_ORe-point_Start_12_OG [0x0a2] AOCU_NM	5	02-76	00	2b	02	01	f3
2026/03/11	14:50:46.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0		d8			
2026/03/11	14:50:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2026/03/11	14:50:50.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0		d0			
2026/03/11	14:50:52.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5			
2026/03/11	14:50:54.0	XRT_FLD_RESET_425_OG [0x1a9] MDP_XRT_FLD_RESET	1	07-F0		da			
2026/03/11	14:53:26.0	XRT_QT_PROG_SET_416_OG [0x1a0] MDP_XRT_QT_PROG_SET	2	07-F0		c4	04		
2026/03/11	14:53:28.0	XRT_FL_PROG_SET_439_OG [0x1b7] MDP_XRT_FL_PROG_SET	2	07-F0		c5	0e		
2026/03/11	14:53:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2026/03/11	15:13:24.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1			
2026/03/11	15:13:26.0	XRT_FOCUS_POSITION_414_OG [0x19e] XRT_FOCUS_POSITION	4	07-F8		22	fe	97	00
2026/03/11	15:13:30.0	AOCS_ORe-point_Start_13_OG [0x0a3] AOCU_NM	5	02-76	00	22	24	01	f3
2026/03/11	15:13:46.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0		d8			
2026/03/11	15:13:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2026/03/11	15:13:50.5	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0		d0			
2026/03/11	15:13:52.5	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5			
2026/03/11	15:13:54.5	XRT_FLD_RESET_425_OG [0x1a9] MDP_XRT_FLD_RESET	1	07-F0		da			
2026/03/11	15:16:26.5	XRT_QT_PROG_SET_416_OG [0x1a0] MDP_XRT_QT_PROG_SET	2	07-F0		c4	04		
2026/03/11	15:16:28.5	XRT_FL_PROG_SET_439_OG [0x1b7] MDP_XRT_FL_PROG_SET	2	07-F0		c5	0e		
2026/03/11	15:16:30.5	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2026/03/11	15:36:24.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1			
2026/03/11	15:36:26.0	XRT_FOCUS_POSITION_414_OG [0x19e] XRT_FOCUS_POSITION	4	07-F8		22	fe	97	00
2026/03/11	15:36:30.0	AOCS_ORe-point_Start_14_OG [0x0a4] AOCU_NM	5	02-76	00	19	3f	01	f3
2026/03/11	15:36:46.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0		d8			
2026/03/11	15:36:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							

2026/03/11	15:36:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
			MDP_XRT_AEC_RESET	1	07-F0	d0			
2026/03/11	15:36:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2026/03/11	15:36:54.0	XRT_FLD_RESET_425_OG [0x1a9]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/03/11	15:39:26.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	04		
2026/03/11	15:39:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e		
2026/03/11	15:39:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/03/11	16:07:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/03/11	16:07:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/03/11	16:07:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/03/11	16:07:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2026/03/11	16:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/03/11	16:20:00.0	XRT_Custom_430_OG [0x1ae]							
2026/03/11	16:21:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/03/11	16:28:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/03/11	16:28:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/03/11	16:28:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/03/11	16:28:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2026/03/11	16:30:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/03/11	16:30:26.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00		
2026/03/11	16:30:30.0	AOCS_ORe-point_Start_15_OG [0x0a5]	AOCU_NM	5	02-76	00	10 5a 01 f3		
2026/03/11	16:30:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2026/03/11	16:30:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2026/03/11	16:30:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2026/03/11	16:30:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2026/03/11	16:30:54.0	XRT_FLD_RESET_425_OG [0x1a9]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/03/11	16:31:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/03/11	16:33:26.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	04		
2026/03/11	16:33:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e		
2026/03/11	16:33:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/03/11	16:53:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/03/11	16:53:26.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00		
2026/03/11	16:53:30.0	AOCS_ORe-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	00	07 74 01 f3		
2026/03/11	16:53:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2026/03/11	16:53:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2026/03/11	16:53:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2026/03/11	16:53:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2026/03/11	16:53:54.0	XRT_FLD_RESET_425_OG [0x1a9]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/03/11	16:56:26.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	04		
2026/03/11	16:56:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e		
2026/03/11	16:56:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/03/11	17:16:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/03/11	17:16:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/03/11	17:16:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00		
2026/03/11	17:16:30.0	AOCS_ORe-point_Start_17_OG [0x0a7]	AOCU_NM	5	02-76	00	ff 75 01 f3		
2026/03/11	17:16:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2026/03/11	17:16:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2026/03/11	17:16:52.0	XRT_ARS_DIS_420_OG [0x1a4]							

2026/03/11	17:19:28.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_ARS_DIS	1	07-F0	d5		
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b	
2026/03/11	17:19:30.0	XRT_CTRL_AUTO_408_OG [0x198]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/03/11	17:42:30.0	XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/03/11	17:42:32.0	XRT_CTRL_MANU_402_OG [0x192]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/03/11	17:42:34.0	XRT_FLD_RESET_415_OG [0x19f]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2026/03/11	17:42:36.0	XRT_PREFLR_STRT_431_OG [0x1af]						
			MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/03/11	17:45:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/03/11	18:06:54.0	XRT_CTRL_MANU_402_OG [0x192]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/03/11	18:06:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]						
			XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00	
2026/03/11	18:07:00.0	AOCS_ORe-point_Start_18_OG [0x0a8]						
			AOCU_NM	5	02-76	00	f6 98 01 f3	
2026/03/11	18:07:16.0	XRT_FLD_ENA_411_OG [0x19b]						
			MDP_XRT_FLD_ENA	1	07-F0	d8		
2026/03/11	18:07:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2026/03/11	18:07:20.0	XRT_AEC_RESET_448_OG [0x1c0]						
			MDP_XRT_AEC_RESET	1	07-F0	d0		
2026/03/11	18:07:22.0	XRT_ARS_DIS_423_OG [0x1a7]						
			MDP_XRT_ARS_DIS	1	07-F0	d5		
2026/03/11	18:07:24.0	XRT_FLD_RESET_425_OG [0x1a9]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2026/03/11	18:09:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]						
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	04	
2026/03/11	18:09:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]						
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e	
2026/03/11	18:10:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/03/11	18:29:54.0	XRT_CTRL_MANU_402_OG [0x192]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/03/11	18:29:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]						
			XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00	
2026/03/11	18:30:00.0	AOCS_ORe-point_Start_19_OG [0x0a9]						
			AOCU_NM	5	02-76	00	ed b3 01 f3	
2026/03/11	18:30:16.0	XRT_FLD_ENA_411_OG [0x19b]						
			MDP_XRT_FLD_ENA	1	07-F0	d8		
2026/03/11	18:30:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2026/03/11	18:30:20.0	XRT_AEC_RESET_448_OG [0x1c0]						
			MDP_XRT_AEC_RESET	1	07-F0	d0		
2026/03/11	18:30:22.0	XRT_ARS_DIS_423_OG [0x1a7]						
			MDP_XRT_ARS_DIS	1	07-F0	d5		
2026/03/11	18:30:24.0	XRT_FLD_RESET_425_OG [0x1a9]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2026/03/11	18:32:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]						
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	04	
2026/03/11	18:32:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]						
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e	
2026/03/11	18:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/03/11	18:52:54.0	XRT_CTRL_MANU_402_OG [0x192]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/03/11	18:52:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]						
			XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00	
2026/03/11	18:53:00.0	AOCS_ORe-point_Start_20_OG [0x0aa]						
			AOCU_NM	5	02-76	00	e4 cd 01 f3	
2026/03/11	18:53:16.0	XRT_FLD_ENA_411_OG [0x19b]						
			MDP_XRT_FLD_ENA	1	07-F0	d8		
2026/03/11	18:53:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2026/03/11	18:53:20.0	XRT_AEC_RESET_448_OG [0x1c0]						
			MDP_XRT_AEC_RESET	1	07-F0	d0		
2026/03/11	18:53:22.0	XRT_ARS_DIS_423_OG [0x1a7]						
			MDP_XRT_ARS_DIS	1	07-F0	d5		
2026/03/11	18:53:24.0	XRT_FLD_RESET_425_OG [0x1a9]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2026/03/11	18:55:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]						
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	04	
2026/03/11	18:55:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]						
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e	
2026/03/11	18:56:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/03/11	19:19:30.0	XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/03/11	19:19:32.0	XRT_CTRL_MANU_402_OG [0x192]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/03/11	19:19:34.0	XRT_FLD_RESET_415_OG [0x19f]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2026/03/11	19:19:36.0	XRT_PREFLR_STRT_431_OG [0x1af]						
			MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/03/11	19:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/03/11	19:43:24.0	XRT_CTRL_MANU_402_OG [0x192]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		

2026/03/11	19:43:26.0	XRT_FOCUS_POSITION_414_OG [0x19e] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2026/03/11	19:43:30.0	AOCS_Orе-point_Start_21_OG [0x0ab] AOCU_NM	5	02-76	00	db	e8	01 f3
2026/03/11	19:43:46.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0		d8		
2026/03/11	19:43:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8		
2026/03/11	19:43:50.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0		d0		
2026/03/11	19:43:52.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5		
2026/03/11	19:43:54.0	XRT_FLD_RESET_425_OG [0x1a9] MDP_XRT_FLD_RESET	1	07-F0		da		
2026/03/11	19:46:26.0	XRT_QT_PROG_SET_416_OG [0x1a0] MDP_XRT_QT_PROG_SET	2	07-F0	c4		04	
2026/03/11	19:46:28.0	XRT_FL_PROG_SET_439_OG [0x1b7] MDP_XRT_FL_PROG_SET	2	07-F0	c5		0e	
2026/03/11	19:46:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2026/03/11	20:06:24.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2026/03/11	20:06:26.0	XRT_FOCUS_POSITION_414_OG [0x19e] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2026/03/11	20:06:30.0	AOCS_Orе-point_Start_22_OG [0x0ac] AOCU_NM	5	02-76	00	d3	03	01 f3
2026/03/11	20:06:46.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0		d8		
2026/03/11	20:06:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8		
2026/03/11	20:06:50.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0		d0		
2026/03/11	20:06:52.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5		
2026/03/11	20:06:54.0	XRT_FLD_RESET_425_OG [0x1a9] MDP_XRT_FLD_RESET	1	07-F0		da		
2026/03/11	20:09:26.0	XRT_QT_PROG_SET_416_OG [0x1a0] MDP_XRT_QT_PROG_SET	2	07-F0	c4		04	
2026/03/11	20:09:28.0	XRT_FL_PROG_SET_439_OG [0x1b7] MDP_XRT_FL_PROG_SET	2	07-F0	c5		0e	
2026/03/11	20:09:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2026/03/11	20:29:24.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2026/03/11	20:29:26.0	XRT_FOCUS_POSITION_414_OG [0x19e] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2026/03/11	20:29:30.0	AOCS_Orе-point_Start_23_OG [0x0ad] AOCU_NM	5	02-76	00	ca	25	01 f3
2026/03/11	20:29:46.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0		d8		
2026/03/11	20:29:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8		
2026/03/11	20:29:50.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0		d0		
2026/03/11	20:29:52.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5		
2026/03/11	20:29:54.0	XRT_FLD_RESET_425_OG [0x1a9] MDP_XRT_FLD_RESET	1	07-F0		da		
2026/03/11	20:32:26.0	XRT_QT_PROG_SET_416_OG [0x1a0] MDP_XRT_QT_PROG_SET	2	07-F0	c4		04	
2026/03/11	20:32:28.0	XRT_FL_PROG_SET_439_OG [0x1b7] MDP_XRT_FL_PROG_SET	2	07-F0	c5		0e	
2026/03/11	20:32:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2026/03/11	20:56:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2026/03/11	20:56:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2026/03/11	20:56:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0		da		
2026/03/11	20:56:06.0	XRT_PREFLR_STRT_431_OG [0x1af] MDP_XRT_PREFLR_STRT	1	07-F0		e8		
2026/03/11	20:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0		e9		
2026/03/11	21:20:24.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2026/03/11	21:20:26.0	XRT_FOCUS_POSITION_414_OG [0x19e] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2026/03/11	21:20:30.0	AOCS_Orе-point_Start_24_OG [0x0ae] AOCU_NM	5	02-76	00	c1	40	01 f3
2026/03/11	21:20:46.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0		d8		
2026/03/11	21:20:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8		
2026/03/11	21:20:50.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0		d0		
2026/03/11	21:20:52.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5		
2026/03/11	21:20:54.0	XRT_FLD_RESET_425_OG [0x1a9] MDP_XRT_FLD_RESET	1	07-F0		da		
2026/03/11	21:23:26.0	XRT_QT_PROG_SET_416_OG [0x1a0] MDP_XRT_QT_PROG_SET	2	07-F0	c4		04	
2026/03/11	21:23:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]						

Mar 10, 26 13:34

## XRT\_OGLIST\_0182.chk

Page 7/9

2026/03/11	21:23:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/03/11	21:43:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/03/11	21:43:26.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2026/03/11	21:43:30.0	AOCS_ORe-point_Start_25_OG [0x0af]	AOCU_NM	5	02-76	00	b8 5b 01 f3
2026/03/11	21:43:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2026/03/11	21:43:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2026/03/11	21:43:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2026/03/11	21:43:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2026/03/11	21:43:54.0	XRT_FLD_RESET_425_OG [0x1a9]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/03/11	21:46:26.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	04
2026/03/11	21:46:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2026/03/11	21:46:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/03/11	22:06:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/03/11	22:06:26.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2026/03/11	22:06:30.0	AOCS_ORe-point_Start_26_OG [0x0b0]	AOCU_NM	5	02-76	00	af 75 01 f3
2026/03/11	22:06:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2026/03/11	22:06:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2026/03/11	22:06:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2026/03/11	22:06:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2026/03/11	22:06:54.0	XRT_FLD_RESET_425_OG [0x1a9]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/03/11	22:09:26.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	04
2026/03/11	22:09:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2026/03/11	22:09:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/03/11	22:29:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/03/11	22:29:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/03/11	22:29:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2026/03/11	22:29:30.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	00 00 00 00
2026/03/11	22:29:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2026/03/11	22:29:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2026/03/11	22:29:52.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2026/03/11	22:32:28.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b
2026/03/11	22:33:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/03/11	22:33:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/03/11	22:33:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/03/11	22:33:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/03/11	22:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/03/11	22:55:30.0	XRT_Custom_430_OG [0x1ae]					
2026/03/11	22:56:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/03/11	23:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/03/11	23:09:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2026/03/11	23:10:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	02	03 74 01 f3
2026/03/11	23:10:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2026/03/11	23:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2026/03/11	23:10:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2026/03/11	23:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2026/03/11	23:10:24.0	XRT_FLD_RESET_425_OG [0x1a9]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/03/11	23:12:56.0	XRT_QT_PROG_SET_404_OG [0x194]					

2026/03/11	23:12:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08		
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e		
2026/03/11	23:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/03/12	00:10:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/03/12	00:10:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/03/12	00:10:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/03/12	00:10:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2026/03/12	00:13:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/03/12	00:27:00.5	XRT_Custom_430_OG [0x1ae]							
2026/03/12	00:28:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/03/12	01:45:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/03/12	01:45:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/03/12	01:45:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/03/12	01:45:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2026/03/12	01:48:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/03/12	01:53:30.0	XRT_Custom_430_OG [0x1ae]							
2026/03/12	01:54:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/03/12	03:09:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/03/12	03:09:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/03/12	03:09:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/03/12	03:09:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2026/03/12	03:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/03/12	03:29:00.0	XRT_Custom_430_OG [0x1ae]							
2026/03/12	03:30:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/03/12	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/03/12	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/03/12	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2026/03/12	04:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	00	00	00
2026/03/12	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2026/03/12	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2026/03/12	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2026/03/12	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2026/03/12	04:00:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/03/12	04:02:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02		
2026/03/12	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e		
2026/03/12	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/03/12	04:39:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/03/12	04:39:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/03/12	04:39:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/03/12	04:39:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2026/03/12	04:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/03/12	05:06:00.0	XRT_Custom_430_OG [0x1ae]							
2026/03/12	05:07:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/03/12	05:49:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/03/12	05:49:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/03/12	05:49:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2026/03/12	05:49:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2026/03/12	05:49:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2026/03/12	05:49:52.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5			

2026/03/12	05:52:28.0	XRT_QT_PROG_SET_447_OG [0x1bf]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b			
2026/03/12	05:52:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/03/12	05:59:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/03/12	05:59:26.0	XRT_FOCUS_POSITION_414_OG [0x19e]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2026/03/12	05:59:30.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	02	03	74	01	f3
2026/03/12	05:59:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/03/12	05:59:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/03/12	05:59:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/03/12	05:59:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/03/12	05:59:54.0	XRT_FLD_RESET_425_OG [0x1a9]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/03/12	06:02:26.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	08			
2026/03/12	06:02:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e			
2026/03/12	06:02:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/03/12	06:16:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/03/12	06:16:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/03/12	06:16:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/03/12	06:16:06.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/03/12	06:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/03/12	06:43:30.0	XRT_Custom_430_OG [0x1ae]							
2026/03/12	06:44:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/03/12	07:56:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/03/12	07:56:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/03/12	07:56:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/03/12	07:56:06.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/03/12	07:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/03/12	08:20:30.0	XRT_Custom_430_OG [0x1ae]							
2026/03/12	08:21:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/03/12	09:35:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/03/12	09:35:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/03/12	09:35:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/03/12	09:35:36.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/03/12	09:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/03/12	09:55:00.5	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/03/12	10:11:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00