

XRT Timeline to be uploaded on 2026/01/15

Period: 2026/01/15 11:22:00 - 2026/01/20 11:03:00

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Normal mode

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XOB #1BBA: 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							
01/15 11:39:00 - 01/15 13:08:54			Track (-852.3, -163.8) @ 01/15 11:32:00					AR obs: new SE AR							
01/15 23:11:01 - 01/16 03:59:54			Track (-795.2, -156.4) @ 01/15 22:44:00					AR obs: new SE AR							
01/16 06:16:00 - 01/16 17:59:54			Track (-751.9, -151.7) @ 01/16 06:13:00					AR obs: new SE AR							
PROG= 10 Inf.-time(s)															
Subr= 1		1-time(s)		2.0sec											
Seqn= 92		1-time(s)		2.0sec											
Open/G-band		Open/G-band		open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)		DPCM	0	0	2.0sec
Open/G-band		Open/G-band		close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)		DPCM	0	0	2.0sec
Open/Ti-poly		Open/thick-Al		close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)		Q=98	0	0	2.0sec
Subr= 2		5-time(s)		2.0sec											
Seqn= 47		1-time(s)		2.0sec											
Al-poly/Open		thin-Be/Open		close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)		Q=95	2	0	2.0sec
Al-poly/Open		thin-Be/Open		close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)		Q=95	3	0	2.0sec
thin-Be/Open		med-Be/Open		close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)		Q=95	2	0	2.0sec
thin-Be/Open		med-Be/Open		close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)		Q=95	3	0	2.0sec
Seqn= 96		4-time(s)		120.0sec											
Al-poly/Open		thin-Be/Open		close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)		Q=95	1	0	2.0sec
thin-Be/Open		med-Be/Open		close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)		Q=95	1	0	2.0sec
Al-poly/Open		thin-Be/Open		close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)		Q=95	1	1	2.0sec
thin-Be/Open		med-Be/Open		close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)		Q=95	1	1	2.0sec
Al-poly/Open		thin-Be/Open		close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)		Q=95	1	2	2.0sec
thin-Be/Open		med-Be/Open		close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)		Q=95	1	2	2.0sec
Default Filter			Thicker Filter		VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval

XOB #1C92: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 600s cad (G-band/Leak first)													
Term		Pointing (x, y)		Comment									
01/15 13:12:00 - 01/15 13:31:54		Fixed (-21.0, -984.0)		HOP412 01/20									
01/15 13:35:00 - 01/15 13:54:54		Fixed (-21.0, -884.0)		HOP412 02/20									
01/15 13:58:00 - 01/15 14:17:54		Fixed (-21.0, -784.0)		HOP412 03/20									
01/15 14:21:00 - 01/15 14:40:54		Fixed (-21.0, -684.0)		HOP412 04/20									
01/15 14:44:00 - 01/15 15:03:54		Fixed (-21.0, -584.0)		HOP412 05/20									
01/15 15:07:00 - 01/15 15:26:54		Fixed (-21.0, -484.0)		HOP412 06/20									
01/15 15:30:00 - 01/15 15:49:54		Fixed (-21.0, -384.0)		HOP412 07/20									
01/15 15:53:00 - 01/15 16:21:30		Fixed (-21.0, -284.0)		HOP412 08/20									
01/15 16:48:00 - 01/15 17:07:54		Fixed (-21.0, -184.0)		HOP412 09/20									
01/15 17:11:00 - 01/15 17:30:54		Fixed (-21.0, -84.0)		HOP412 10/20									
01/15 18:24:30 - 01/15 18:44:24		Fixed (-21.0, 106.0)		HOP412 12/20									
01/15 18:47:30 - 01/15 19:07:24		Fixed (-21.0, 206.0)		HOP412 13/20									
01/15 19:10:30 - 01/15 19:34:00		Fixed (-21.0, 306.0)		HOP412 14/20									
01/15 20:01:00 - 01/15 20:20:54		Fixed (-21.0, 406.0)		HOP412 15/20									
01/15 20:24:00 - 01/15 20:43:54		Fixed (-21.0, 506.0)		HOP412 16/20									
01/15 20:47:00 - 01/15 21:10:30		Fixed (-21.0, 606.0)		HOP412 17/20									
01/15 21:38:00 - 01/15 21:57:54		Fixed (-21.0, 706.0)		HOP412 18/20									
01/15 22:01:00 - 01/15 22:20:54		Fixed (-21.0, 806.0)		HOP412 19/20									
01/15 22:24:00 - 01/15 22:43:54		Fixed (-21.0, 906.0)		HOP412 20/20									

PROG= 11															Inf.-time(s)									
Subr= 1		1-time(s)				2.0sec																		
Seqn= 30		1-time(s)				2.0sec																		
		Open/G-band		Open/G-band		open	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)			Q=90	0	0	2.0sec						
		Open/G-band		Open/G-band		close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)			Q=95	0	0	2.0sec						
Subr= 2		5-time(s)				720.0sec																		
Seqn= 8		1-time(s)				2.0sec																		
		thin-Be/Open		med-Be/Open		close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)			Q=98	3	0	2.0sec						
		thin-Be/Open		med-Be/Open		close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)			DPCM	2	0	2.0sec						
Seqn= 6		1-time(s)				2.0sec																		
		Al-poly/Open		Al-poly/Open		close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)			Q=98	3	0	2.0sec						
		Al-poly/Open		Al-poly/Open		close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)			DPCM	2	0	2.0sec						
		Default Filter		Thicker Filter		VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)			Comp.	AEC Buffer	Interval							

XOB #1D07: Synoptic 8 Filter w/ Al-mesh(5/128/723), Al-poly(8/181/1443), Thin-Be(33/512/4096), Thick-Be(32768), Med-Al(256/8192/32768), Med-Be(128/5792/32768)													
Term		Pointing (x, y)		Comment									
01/15 17:34:00 - 01/15 17:57:00		Fixed (-21.0, 6.0)		HOP412 11/20									
01/16 06:06:00 - 01/16 06:12:54		Fixed (0.0, 0.0)		synoptic + HOP 349									
01/16 18:03:00 - 01/16 18:09:54		Fixed (0.0, 0.0)		synoptic									
01/17 06:04:30 - 01/17 06:11:24		Fixed (0.0, 0.0)		synoptic + HOP 349									

PROG= 06															1-time(s)	
Subr= 1		1-time(s)		2.0sec												
Seqn= 5		1-time(s)		2.0sec												
Open/Ti-poly		Open/thick-Al		close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)		Q=98	0	0	2.0sec	
Open/Ti-poly		Open/thick-Al		close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)		Q=98	0	0	2.0sec	

Subr= 2	Seqn= 26	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= 99	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	5ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
		Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
		Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	707ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Seqn= 83	Al-poly/Open	Al-poly/Open	close	Safe	Norm	8ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
		Al-poly/Open	Al-poly/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
		Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Seqn= 23	thin-Be/Open	thin-Be/Open	close	Safe	Norm	32ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
		thin-Be/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
		thin-Be/Open	thin-Be/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Seqn= 41	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
		Open/thick-Be	Open/thick-Be	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Seqn= 17	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	med-Be/Open	Open/thick-Al	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
		med-Be/Open	med-Be/Open	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
med-Be/Open		med-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Seqn= 75	Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	44ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec	
	Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec	
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval		

Seqn= 47 1-time(s) 2.0sec												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Seqn= 77 4-time(s) 300.0sec												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	95.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	95.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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Flare mode

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

Term	Pointing (x, y)	Comment
01/15 11:39:00 - 01/15 13:08:54	Track (-852.3, -163.8) @ 01/15 11:32:00	AR obs: new SE AR
01/15 13:12:00 - 01/15 13:31:54	Fixed (-21.0, -984.0)	HOP412 01/20
01/15 13:35:00 - 01/15 13:54:54	Fixed (-21.0, -884.0)	HOP412 02/20
01/15 13:58:00 - 01/15 14:17:54	Fixed (-21.0, -784.0)	HOP412 03/20
01/15 14:21:00 - 01/15 14:40:54	Fixed (-21.0, -684.0)	HOP412 04/20
01/15 14:44:00 - 01/15 15:03:54	Fixed (-21.0, -584.0)	HOP412 05/20
01/15 15:07:00 - 01/15 15:26:54	Fixed (-21.0, -484.0)	HOP412 06/20
01/15 15:30:00 - 01/15 15:49:54	Fixed (-21.0, -384.0)	HOP412 07/20
01/15 15:53:00 - 01/15 16:21:30	Fixed (-21.0, -284.0)	HOP412 08/20
01/15 16:48:00 - 01/15 17:07:54	Fixed (-21.0, -184.0)	HOP412 09/20
01/15 17:11:00 - 01/15 17:30:54	Fixed (-21.0, -84.0)	HOP412 10/20
01/15 18:24:30 - 01/15 18:44:24	Fixed (-21.0, 106.0)	HOP412 12/20
01/15 18:47:30 - 01/15 19:07:24	Fixed (-21.0, 206.0)	HOP412 13/20
01/15 19:10:30 - 01/15 19:34:00	Fixed (-21.0, 306.0)	HOP412 14/20
01/15 20:01:00 - 01/15 20:20:54	Fixed (-21.0, 406.0)	HOP412 15/20
01/15 20:24:00 - 01/15 20:43:54	Fixed (-21.0, 506.0)	HOP412 16/20
01/15 20:47:00 - 01/15 21:10:30	Fixed (-21.0, 606.0)	HOP412 17/20
01/15 21:38:00 - 01/15 21:57:54	Fixed (-21.0, 706.0)	HOP412 18/20
01/15 22:01:00 - 01/15 22:20:54	Fixed (-21.0, 806.0)	HOP412 19/20
01/15 22:24:00 - 01/15 22:43:54	Fixed (-21.0, 906.0)	HOP412 20/20
01/15 23:11:01 - 01/16 03:59:54	Track (-795.2, -156.4) @ 01/15 22:44:00	AR obs: new SE AR
01/16 04:03:00 - 01/16 06:02:54	Fixed (0.0, 0.0)	synoptic + HOP 349
01/16 06:16:00 - 01/16 17:59:54	Track (-751.9, -151.7) @ 01/16 06:13:00	AR obs: new SE AR
01/16 18:13:00 - 01/17 03:54:30	Track (-674.9, -144.7) @ 01/16 18:10:00	AR obs: new SE AR
01/17 04:16:30 - 01/17 06:01:24	Fixed (0.0, 0.0)	synoptic + HOP 349
01/17 06:14:30 - 01/17 10:57:30	Track (-588.6, -138.2) @ 01/17 06:11:30	AR obs: new SE AR

PROG= 14 30-time(s)

Subr= 1 1-time(s) 2.0sec												
Seqn= 68 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2 20-time(s) 2.0sec												
Seqn= 11 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Seqn= 73 1-time(s) 10.0sec												
thin-Be/Open	med-Be/Open	close	Safe	Norm	125ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
med-Be/Open	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Subr= 3 1-time(s) 2.0sec												
Seqn= 10 1-time(s) 2.0sec												
med-Al/Open	med-Al/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Seqn= 11 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Seqn= 87 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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Active Region Search

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NOT USED

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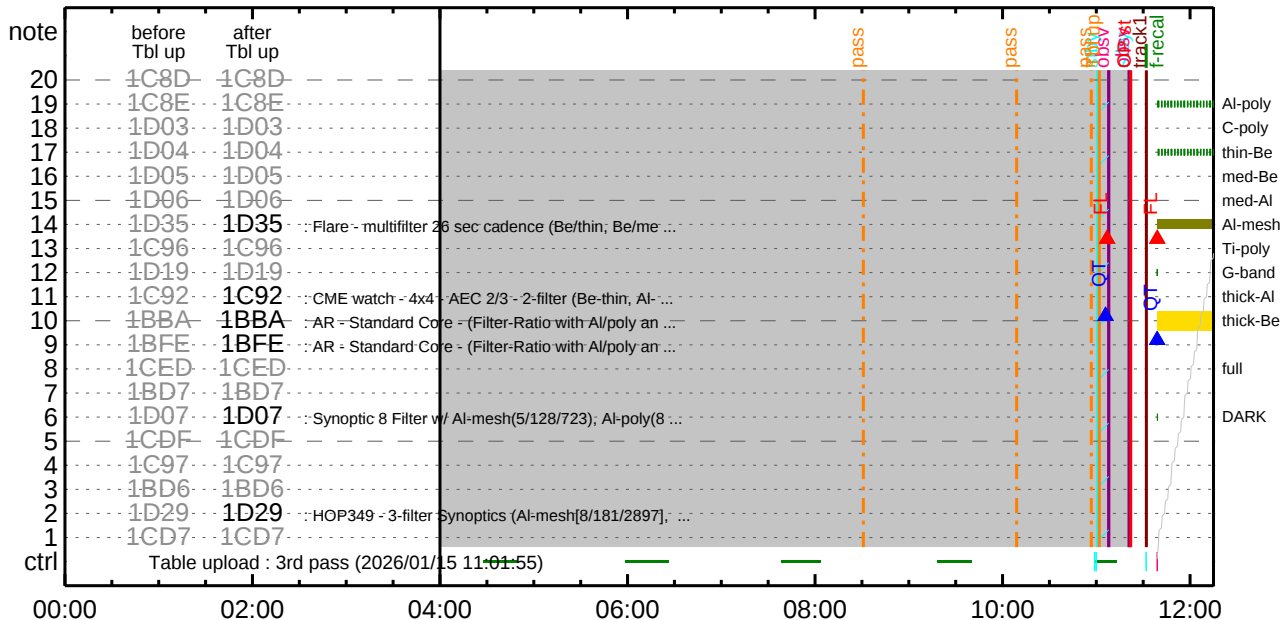
Flare Detection

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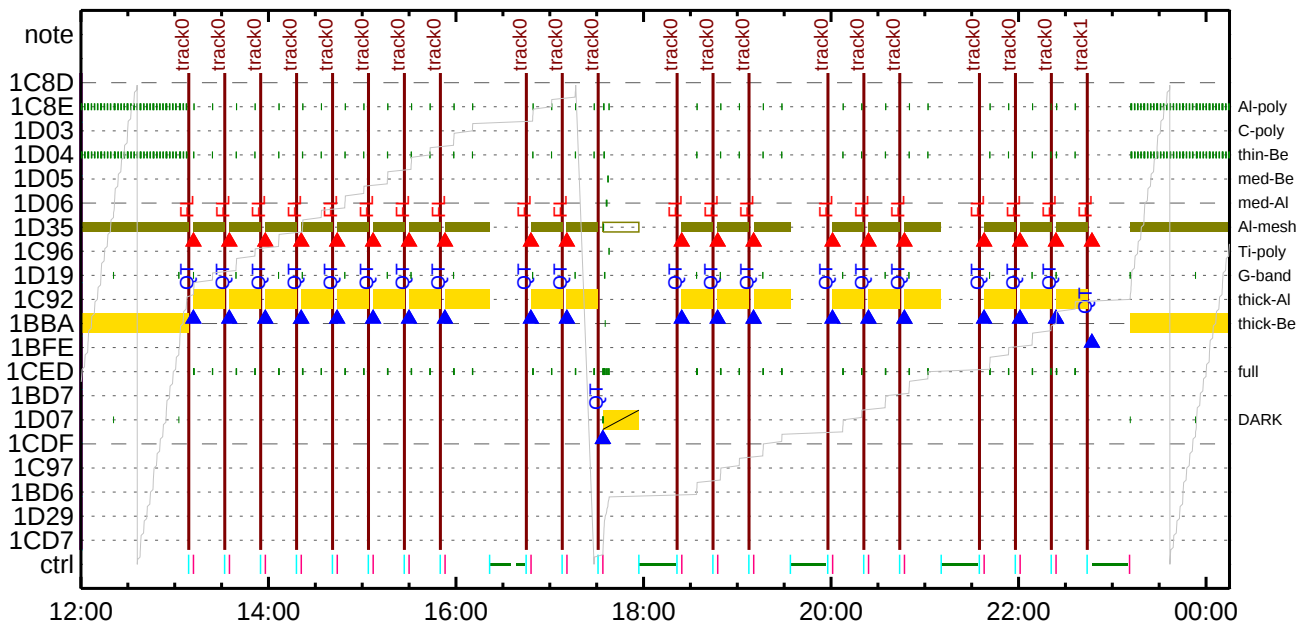
FLD Patrol		
Term	Pointing (x, y)	Comment
01/15 11:02:55 - 01/15 17:31:16	cannot be identified	
01/15 18:21:46 - 01/16 06:03:16	Fixed (-21.0, 106.0)	HOP412 12/20

01/16 06:13:16 - 01/16 18:00:16	Track (-751.9, -151.7)	@ 01/16 06:13:00	AR obs: new SE AR								
01/16 18:10:16 - 01/17 06:01:46	Track (-674.9, -144.7)	@ 01/16 18:10:00	AR obs: new SE AR								
01/17 06:11:46 - 01/20 11:03:00	Track (-588.6, -138.2)	@ 01/17 06:11:30	AR obs: new SE AR								
AI-poly/Open	AI-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

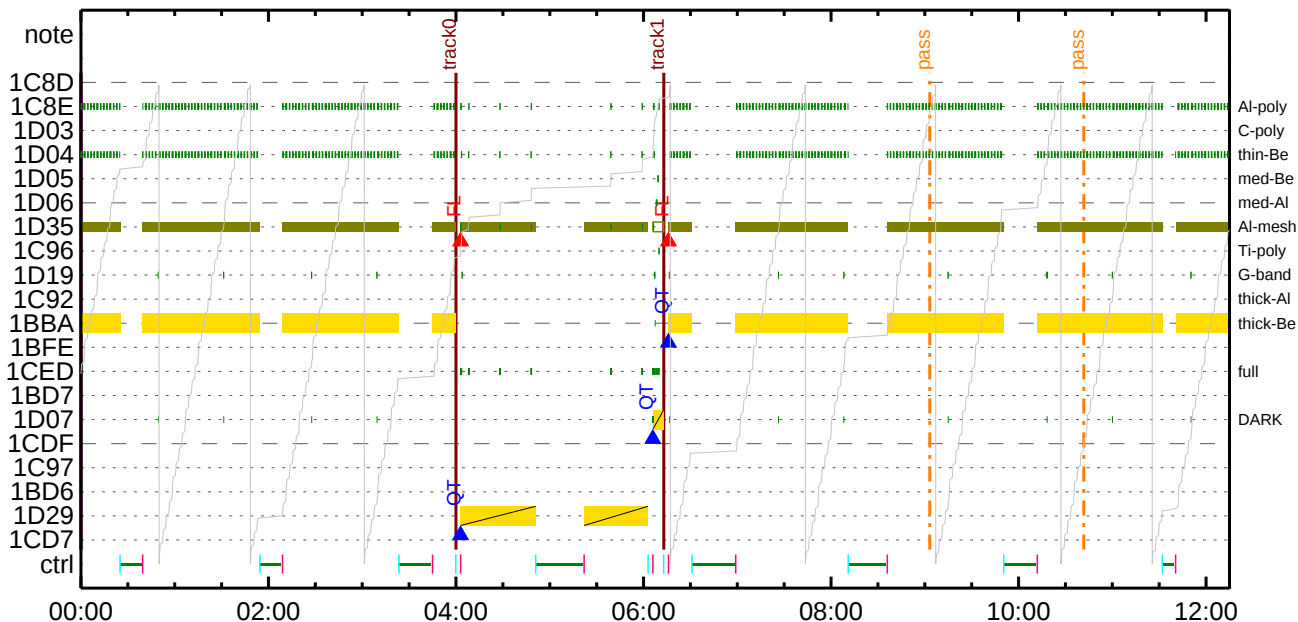
CMDI #0077 2026/01/15



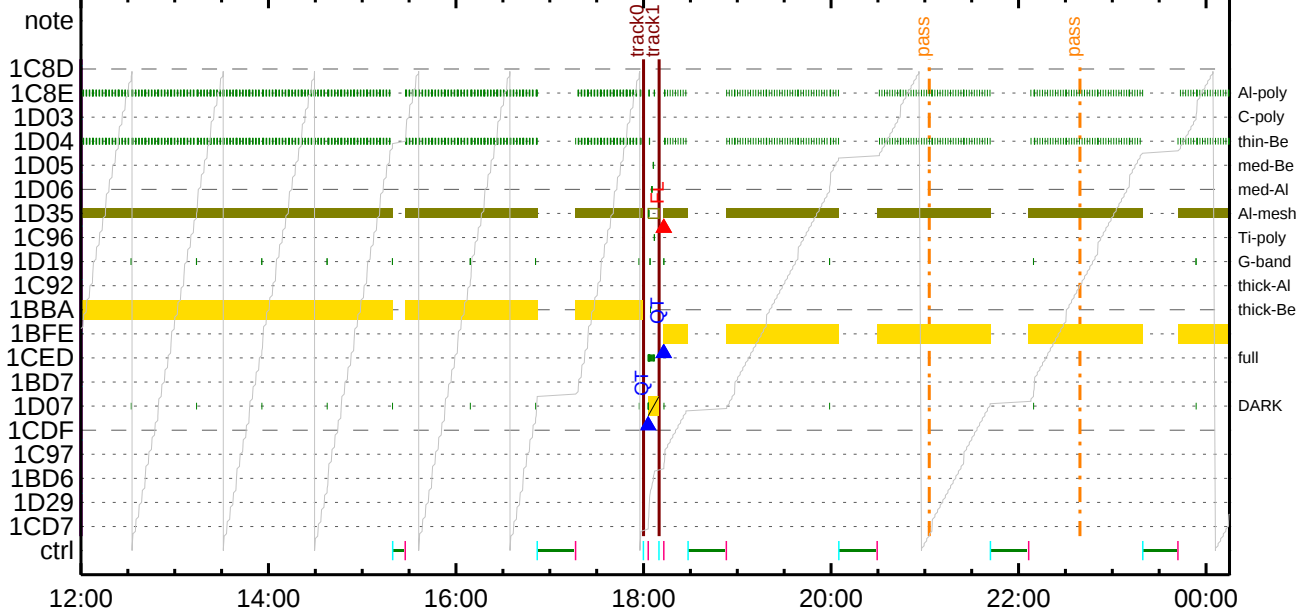
CMDI #0077 2026/01/15



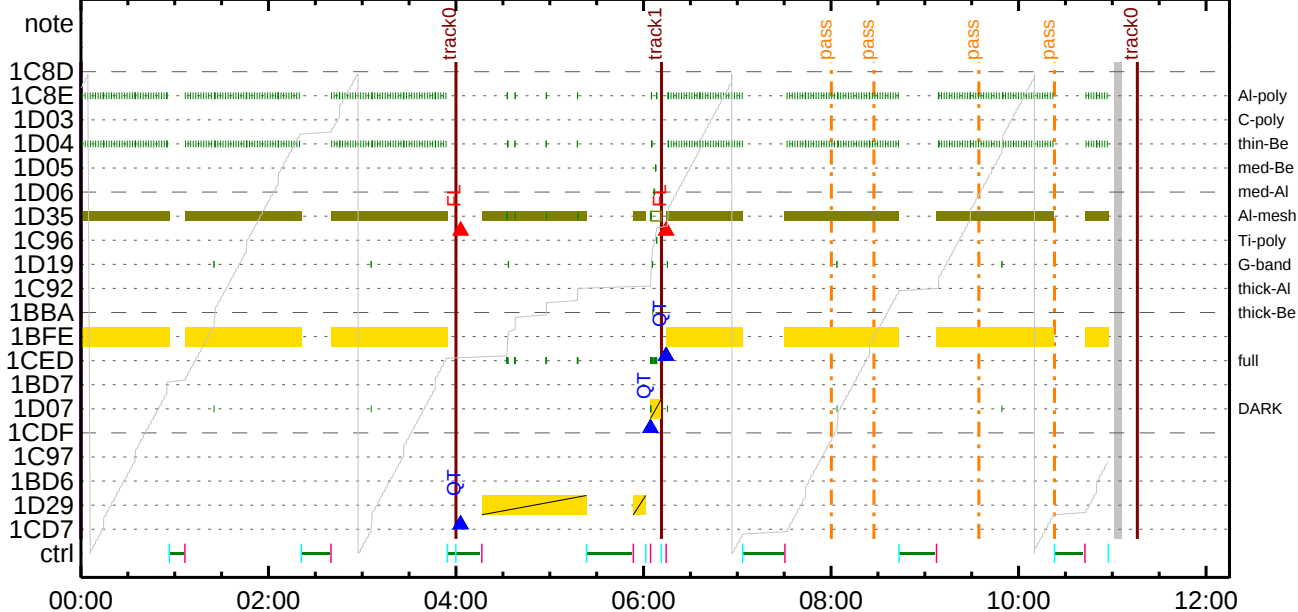
CMDI #0077 2026/01/16



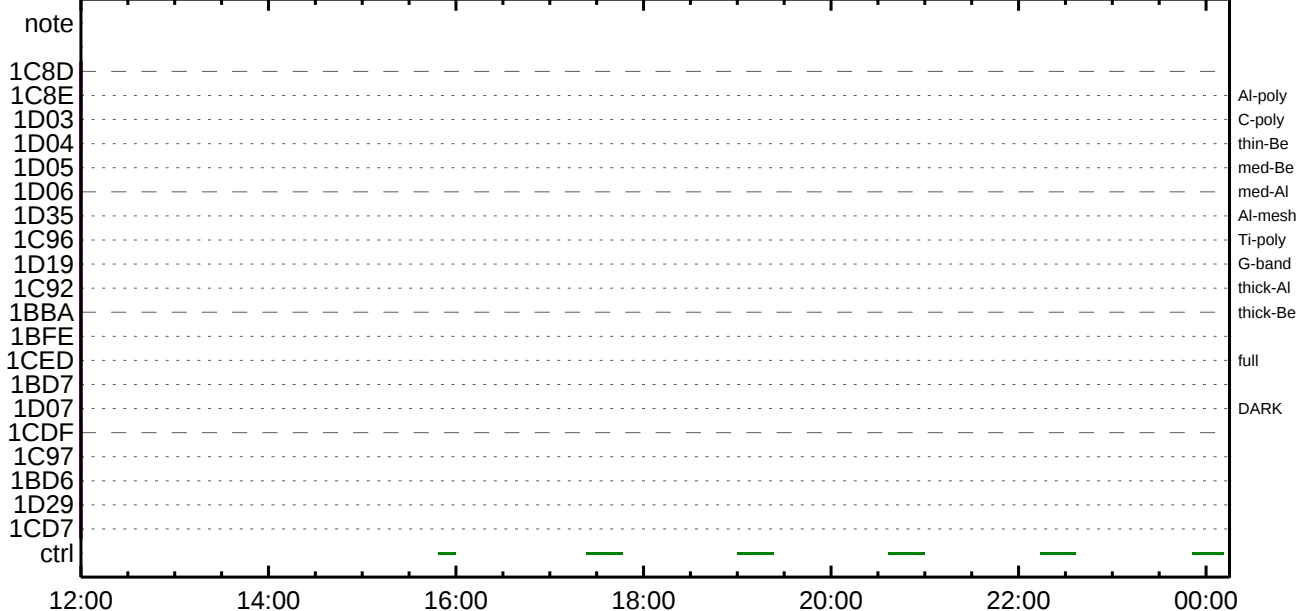
CMDI #0077 2026/01/16



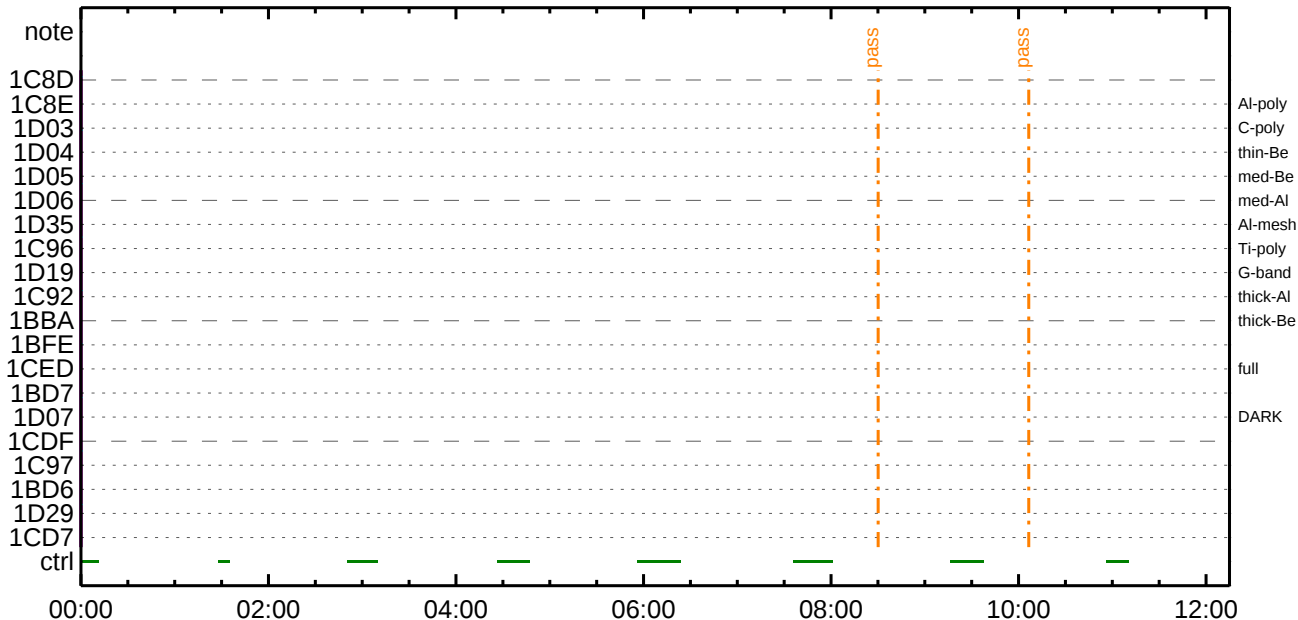
CMDI #0077 2026/01/17



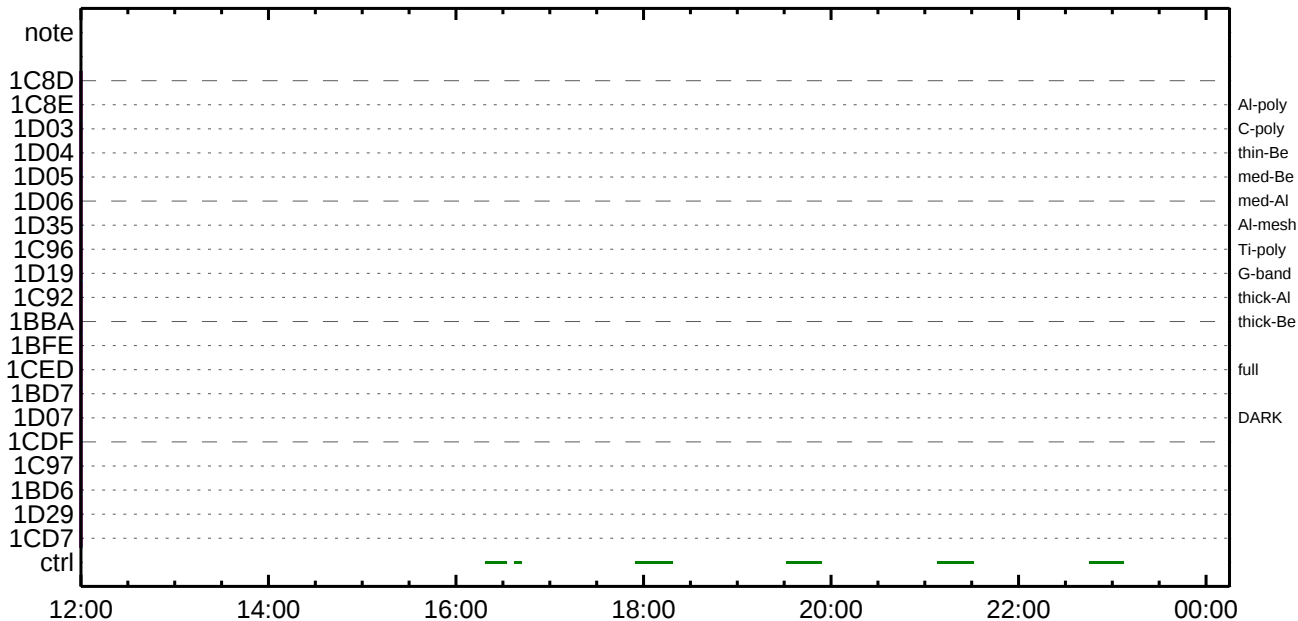
CMDI #0077 2026/01/17



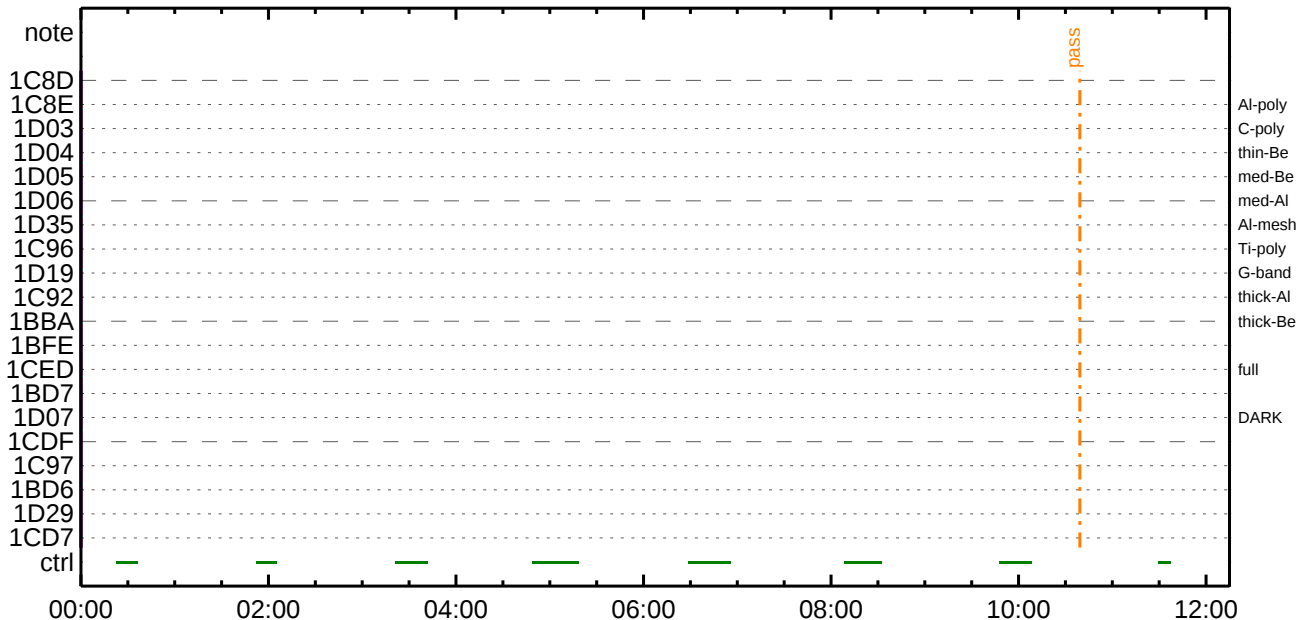
CMDI #0077 2026/01/18



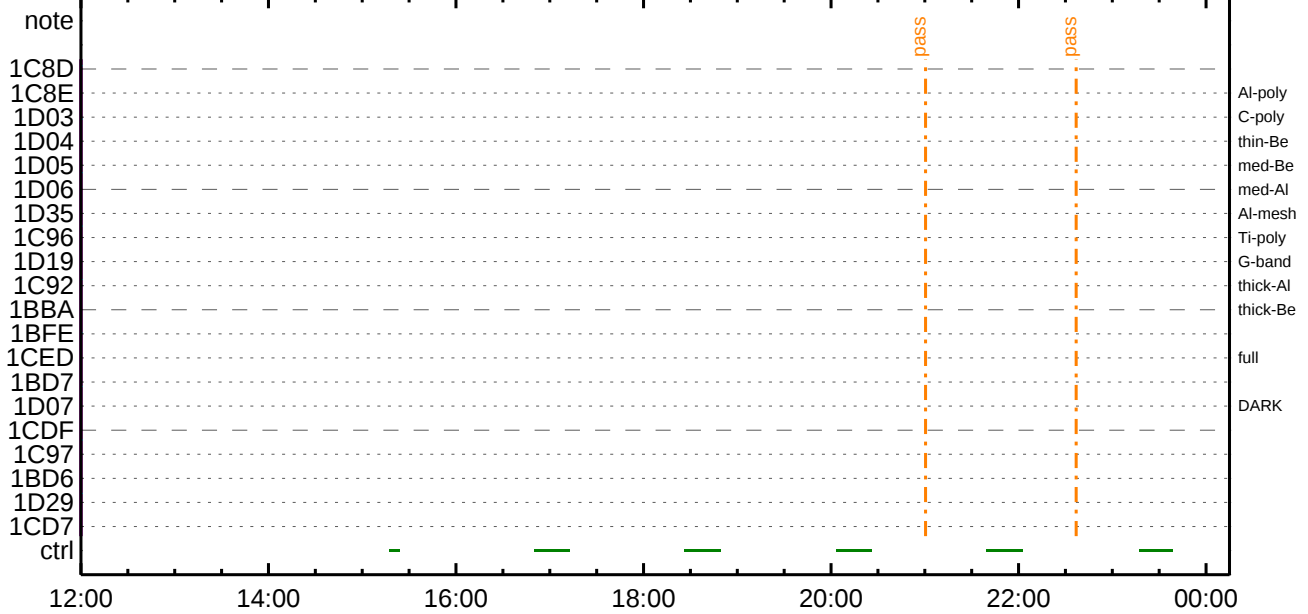
CMDI #0077 2026/01/18



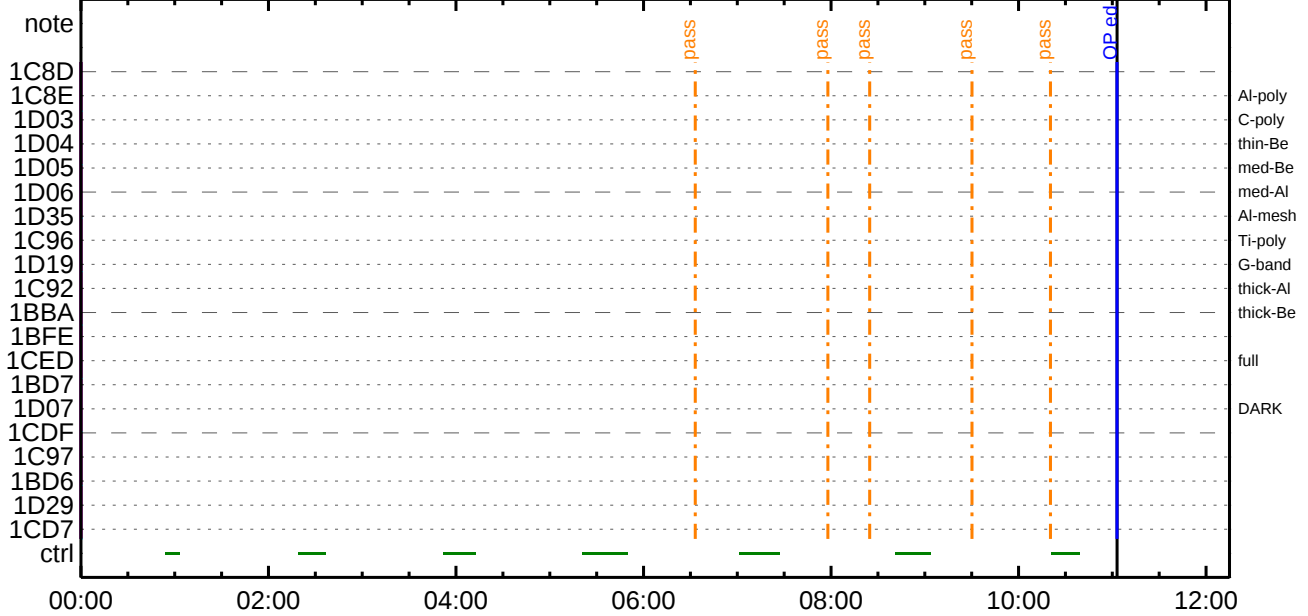
CMDI #0077 2026/01/19



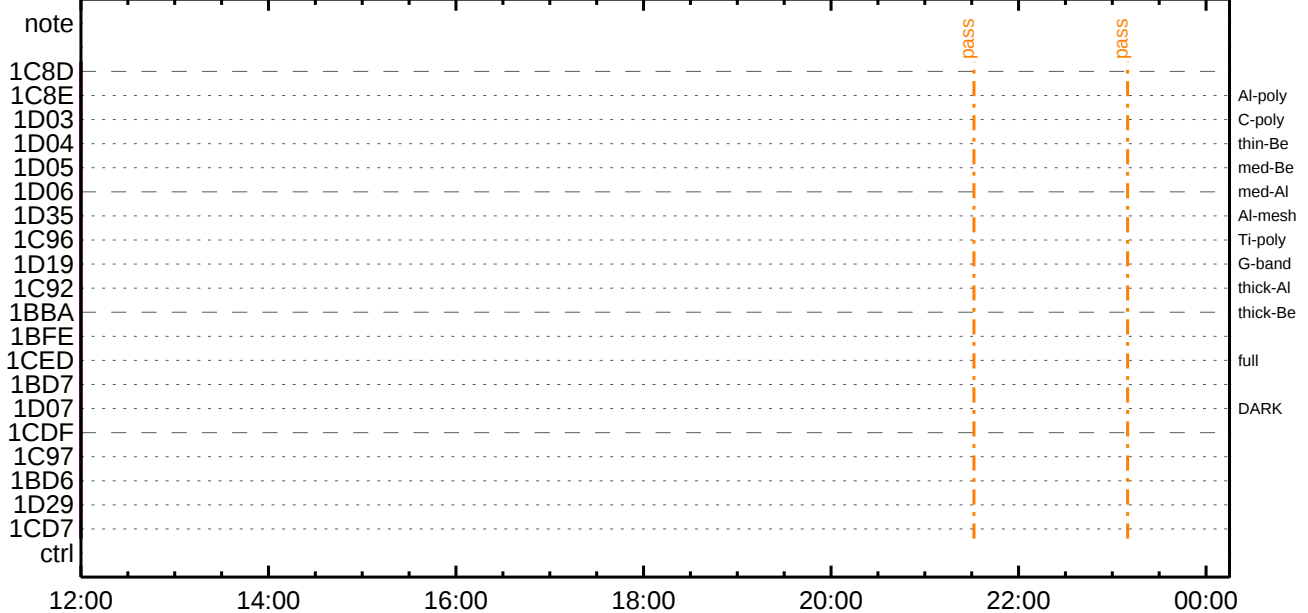
CMDI #0077 2026/01/19



CMDI #0077 2026/01/20



CMDI #0077 2026/01/20



(a) Spacecraft Operation Procedure (real-commands)

```
main-741 2026-01-15 12:08:42 194 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOS¥Á¥$¥Á¥~¼Ä»Ü;ä
0005 C.
0006 C. ¥À¥ß;¼¥³¥Ð¥ó¥ÉÁ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Ë¼¿¼Ä¼•µ°Æ»Í×ÁÇ¼Í¥Ç¥Á¥×¥í;¼¥É;ËËè¼µ•ííË;ËËË¼°ÇÖ¼•¼¿¼¹Ç¼Í;ÇÀ®,ù¼¹¼è¼µ¼ÇÁ÷¿®¼•¼Ë¼µ¼³¼È;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. OP/OG¥í;¼¥É;¥Á¥ó¥×
0016 C. *****
0017 C.
0018 . C. ;ãOP/OG¥í;¼¥É;ä
0019 . S. OP op-741:OP
0020 ()
0021 . S. OG og-741:OG
0022 ()
0023 C.
0024 . C. ;ãNMOG&OPíî°è¥Á¥ó¥×;ä
0025 C. NMOG(0x200000-0x207FFF;$ 32 kbyte)
0026 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0027 BC (20 00 7f 01 02)
0028 C. ÇÇ[HK1_DMP_TOP_ADRS_1] EQ 40
0029 C. ÇÇ[HK1_DMP_TOP_ADRS_0] EQ 0
0030 C. ÇÇ[HK1_DMP_BLOCK_NUM] EQ 127
0031 C. ÇÇ[HK1_DMP_REPEAT_NUM] EQ 0
0032 C. ÇÇ[HK1_DMA_DMP_PIM] EQ DHU
0033 +. DC 01-22 DHU_MODE_CHNG
0034 BC (07 0b f8)
0035 C. ÇÇ[HK1_PKT_FORM_NO] EQ 7
0036 C. ÇÇ[HK1_PKT_GEN_TIME] EQ 0.25 s
0037 C. ÇÇ[HK1_S_TLM_BIT_RATE] EQ 32k
0038 C. ÇÇ[HK1_X_TLM_BIT_RATE] EQ 4M
0039 C. ÇÇ[HK1_DMP_CHK_FLG] EQ EXEC
0040 . C. ¥À¥ó¥×¼°áî»¼³íÇ$
0041 C. ÇÇ[HK1_DMP_CHK_FLG] EQ NON
0042 . C. RAM ID=NMOG¼í¼¾¹Ç•è²íOK¼³íÇ$
0043 C.
0044 C. NMOG(0x208000-0x20FFFF;$ 32 kbyte)
0045 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0046 BC (20 80 7f 01 02)
0047 C. ÇÇ[HK1_DMP_TOP_ADRS_1] EQ 41
0048 C. ÇÇ[HK1_DMP_TOP_ADRS_0] EQ 0
0049 C. ÇÇ[HK1_DMP_BLOCK_NUM] EQ 127
0050 C. ÇÇ[HK1_DMP_REPEAT_NUM] EQ 0
0051 C. ÇÇ[HK1_DMA_DMP_PIM] EQ DHU
0052 +. DC 01-22 DHU_MODE_CHNG
0053 BC (07 0b f8)
0054 C. ÇÇ[HK1_PKT_FORM_NO] EQ 7
0055 C. ÇÇ[HK1_PKT_GEN_TIME] EQ 0.25 s
0056 C. ÇÇ[HK1_S_TLM_BIT_RATE] EQ 32k
0057 C. ÇÇ[HK1_X_TLM_BIT_RATE] EQ 4M
0058 C. ÇÇ[HK1_DMP_CHK_FLG] EQ EXEC
0059 . C. ¥À¥ó¥×¼°áî»¼³íÇ$
0060 C. ÇÇ[HK1_DMP_CHK_FLG] EQ NON
0061 . C. RAM ID=NMOG¼í¼¾¹Ç•è²íOK¼³íÇ$
0062 C.
0063 C. NMOG(0x210000-0x2100FF;$ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0064 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0065 BC (21 00 41 01 02)
0066 C. ÇÇ[HK1_DMP_TOP_ADRS_1] EQ 42
0067 C. ÇÇ[HK1_DMP_TOP_ADRS_0] EQ 0
0068 C. ÇÇ[HK1_DMP_BLOCK_NUM] EQ 65
0069 C. ÇÇ[HK1_DMP_REPEAT_NUM] EQ 0
0070 C. ÇÇ[HK1_DMA_DMP_PIM] EQ DHU
0071 +. DC 01-22 DHU_MODE_CHNG
0072 BC (07 0b f8)
0073 C. ÇÇ[HK1_PKT_FORM_NO] EQ 7
0074 C. ÇÇ[HK1_PKT_GEN_TIME] EQ 0.25 s
0075 C. ÇÇ[HK1_S_TLM_BIT_RATE] EQ 32k
0076 C. ÇÇ[HK1_X_TLM_BIT_RATE] EQ 4M
0077 C. ÇÇ[HK1_DMP_CHK_FLG] EQ EXEC
0078 . C. ¥À¥ó¥×¼°áî»¼³íÇ$
0079 C. ÇÇ[HK1_DMP_CHK_FLG] EQ NON
0080 . C. RAM ID=NMOG, RAM ID=OP¼í¼¾¹Ç•è²íOK¼³íÇ$
0081 C.
0082 . C. ***** °Ë²¼¼í¼Ä´¼¼°¼ËË¬¼°Á÷¿® (¼¼µ-¥À¥ó¥×¼°è¼Ç¼¼°Á¼Ä¼¼Ç¼°¼¼¬¼¼è¼¼¹Ç¼Ç¼¼) *****
0083 C. DHU¥ä;¼¥É;Ë¼ý½, ¥í;¼¥É;Ë¼òíá¼¹
0084 +. DC 01-22 DHU_MODE_CHNG
0085 BC (02 0a f8)
0086 C. ÇÇ[HK1_PKT_FORM_NO] EQ 2
0087 C. ÇÇ[HK1_PKT_GEN_TIME] EQ 0.5S
0088 C. ÇÇ[HK1_S_TLM_BIT_RATE] EQ 32K
0089 C. ÇÇ[HK1_X_TLM_BIT_RATE] EQ 4M
0090 C.
0091 . C. *****
0092 C. TI-CMD SET (OPOG STOP/COPY/START)
0093 C. *****
0094 C.
0095 . C. NOTICE ;$ OPOG UPLOAD¼¬Á÷¿®NG¼í¼¹¹Ç;Ç°Ë²¼¼íTI-CMDÁ÷¿®¼í¼Ä¹Ô¼•¼Ë¼µ¼³¼È;£
```

0096	C.				
0097	C.				
0098	. C.	TIY³¥P¥Ó¥É¤ðÄDİ¿(UT)			
0099	+ . TI	2026-01-15 11:17:00.0			
0100	DC	01-B3 DHU_OP_STOP			
0101	C.	¢¢[HK1_TI_CMD_NUM]	EQ	1COUNTUP	
0102	C.				
0103	+ . TI	2026-01-15 11:17:01.0			
0104	DC	01-B4 DHU_OP_COPY			
0105	C.	¢¢[HK1_TI_CMD_NUM]	EQ	1COUNTUP	
0106	C.				
0107	+ . TI	2026-01-15 11:17:01.0			
0108	DC	01-B5 DHU_OPOG_COPY			
0109	C.	¢¢[HK1_TI_CMD_NUM]	EQ	1COUNTUP	
0110	C.				
0111	+ . TI	2026-01-15 11:21:59.5			
0112	DC	01-B2 DHU_OP_START			
0113	C.	¢¢[HK1_TI_CMD_NUM]	EQ	1COUNTUP	
0114	C.				
0115	C.	°Ê²¼¤İÄè¾İÍÑ¤İ¥Á¥\$¥Ã¥~¹àìÜ			
0116	C.	¢¢[HK1_TI_CMD_ENA/DIS]	EQ	ENA	
0117	C.	¢¢[HK1_TI_CMD_NUM]	EQ	4	
0118	C.	¢¢[HK1_NEXT_EXEC_PIM]	EQ	DHU	
0119	C.	¢¢[HK1_NEXT_EXEC_DC]	EQ	0xB3	
0120	C.				
0121	. C.	*****			
0122	C.	TIIÎ°è¥À¥ó¥×			
0123	C.	*****			
0124	C.				
0125	C.	TI_TBL(0x03AB00-0x03AEFF;\$ 1024byte)			
0126	+ . DC	01-23 DHU_DMA_DMP_PRM_SET			
0127	BC	(03 ab 03 01 02)			
0128	C.	¢¢[HK1_DMP_TOP_ADRS_1]	EQ	07	
0129	C.	¢¢[HK1_DMP_TOP_ADRS_0]	EQ	2B	
0130	C.	¢¢[HK1_DMP_BLOCK_NUM]	EQ	3	
0131	C.	¢¢[HK1_DMP_REPEAT_NUM]	EQ	0	
0132	C.	¢¢[HK1_DMA_DMP_PIM]	EQ	DHU	
0133	+ . DC	01-22 DHU_MODE_CHNG			
0134	BC	(07 0b f8)			
0135	C.	¢¢[HK1_PKT_FORM_NO]	EQ	7	
0136	C.	¢¢[HK1_PKT_GEN_TIME]	EQ	0.25 s	
0137	C.	¢¢[HK1_S_TLM_BIT_RATE]	EQ	32k	
0138	C.	¢¢[HK1_X_TLM_BIT_RATE]	EQ	4M	
0139	C.	¢¢[HK1_DMP_CHK_FLG]	EQ	EXEC	
0140	C.				
0141	. C.	¥À¥ó¥×½ª¹¤ò³İÇ\$			
0142	C.	¢¢[HK1_DMP_CHK_FLG]	EQ	NON	
0143	C.				
0144	. C.	RAM ID=TI_TBL¤İ¾È¹Ç•è²ÌOK¤ò³İÇ\$			
0145	C.				
0146	. C.	DHUYâ;¼¥È;Ê¼Ý½,¥ì;¼¥È;Ë¤òİá¤¹			
0147	+ . DC	01-22 DHU_MODE_CHNG			
0148	BC	(02 0a f8)			
0149	C.	¢¢[HK1_PKT_FORM_NO]	EQ	2	
0150	C.	¢¢[HK1_PKT_GEN_TIME]	EQ	0.5S	
0151	C.	¢¢[HK1_S_TLM_BIT_RATE]	EQ	32K	
0152	C.	¢¢[HK1_X_TLM_BIT_RATE]	EQ	4M	
0153	C.				
0154	. C.	Stop EIS observation and temporarily disable EIS mode changes			
0155	C.				
0156	C.				
0157	C.	***** Start EIS operation (TI set) *****			
0158	C.	Execute, after the success of OP upload.			
0159	C.	Set EIS TI-commands			
0160	+ . TI	2026-01-15 11:21:30.0			
0161	DC	07-FC EIS_MODE_MANU			
0162	BC	(21 02)			
0163	+ . TI	2026-01-15 11:21:40.0			
0164	DC	07-FC EIS_MODE_CHG_DIS			
0165	BC	(22)			
0166	. C.	[] [HK1_TI_CMD_NUM]	EQ	2 COUNTUP	
0167	C.	***** End EIS operation (TI set) *****			
0168	C.				
0169	C.				
0170	C.				
0171	C.	***** XRT START *****			
0172	C.	Execute, after the success of OP upload.			
0173	+ . TI	2026-01-15 11:21:00.0			
0174	DC	07-F0 MDP_XRT_MODE_STBY			
0175	BC	(c3)			
0176	. C.	[] [HK1_TI_CMD_NUM]	EQ	1COUNTUP	
0177	C.				
0178	C.	***** XRT END *****			
0179	C.				
0180	. C.	***** MDP `üÃİ¤İ»ö¾Ý¤ËÄ¤¹¤èDCBC•×²è *****			
0181	C.	(¾å°İ¥Ó¥Å¥È¥Ð¥È¥Ä¥Ç¥È¤Ë¾¾¤¼¤Å»Ü¤¹¤é)			
0182	. S.	DC-BC dcbc-402:DCBC			
0183	(MDP_known_event)				
0184	C.				
0185	C.				


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main-742 2026-01-15 12:08:42 169 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŲÁŲ$ŲÃŲ~¼Ä»Ü;ä
0005 C.
0006 C. ŲÄŲß;¼Ų³ŲÐŲóŲÉÄ÷ç®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Äí;ËñçðÀñ•µ°E»Í×ÅÇñÎŲÇŲÃŲ×Ųí;¼ŲÉ;ËËè²µ•íîÊ;ËÈ¼°ÇÖñ•ñç¼¹¹Çñİ;çÀ®,ùñ¹ñèñÐñÇÄ÷ç®ñ•ñÈñññ³ñÈ;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÄ÷ç®µ;ON
0016 C. *****
0017 C. °EÄ,Í×ÈÝñäLOSñÐñÇñÎ»p´Öòò¹íî,ñ•;çÉÖÍ×ñÈXÄÓONñİ¹ÖñÈñíñÈñññ³ñÈ;£
0018 C.
0019 +. DC 03-B4 TCIA_XPA_ON/HI
0020 M. WAIT_SEC 1
0021 + DC 03-84 TCIA_XMOD_ON
0022 M. WAIT_SEC 1
0023 + DC 03-95 TCIA_XMOD_QPSK
0024 C. çç[HK1_XPA_ON/OFF] EQ ON
0025 C. çç[HK1_XPA_PWR_HI/LO] EQ HI
0026 C. çç[HK1_XMOD_ON/OFF] EQ ON
0027 C. çç[HK1_XMOD_QPSK/PM] EQ QPSK
0028 C.
0029 . C. XŲÐŲóŲÉŲíŲÄŲŲ¾ÔÄÖñ¬°ÄÄèñ•ñç,ç°Ê²¼ñî°EÄ,¼è½Çñò¼Ä¹Öñ¹ñè;£
0030 C.
0031 . C. *****
0032 C. DR PT1 Äî¼í°EÄ,
0033 C. *****
0034 C. ° RESTART;ÊPT1;Ëñ•ñç¼ñ¼¹¹Çñİ;ç°Ê²¼ñî¼Ä¹Öñññ°;çDCBC-150ñØçÊñà;£
0035 C.
0036 . C. ;ãPT1°EÄ,³«»î;ä
0037 +. DC 01-29 DHU_S/X_VC4_OFF
0038 + DC 06-C8 DR_PT1_REP_SEL
0039 BC (01 00)
0040 + DC 06-B3 DR_REP_START
0041 + DC 01-32 DHU_X_VC4_ON
0042 C. çç[HK1_REP_PT_1/2] EQ PT1 (¼Ä¹Ö,;¼Ü)
0043 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ö,;¼Ü)
0044 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö,;¼Ü)
0045 C.
0046 . C. ;ãŲçŲóŲEŲEŲÄÚÂØ;ÊÄ•Ä°²öÈò;Ë,ãñî°EÄ,°E³«;ä
0047 +. DC 06-B3 DR_REP_START
0048 + DC 01-32 DHU_X_VC4_ON
0049 C. çç[HK1_REP_PT_1/2] EQ PT1 (¼Ä¹Ö,;¼Ü)
0050 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ö,;¼Ü)
0051 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö,;¼Ü)
0052 C.
0053 C.
0054 . C. PT1°EÄ,ñ¬¼«E°Ää»ßñ•ñç,ä;ç°Ê²¼ñò¼Ä¹Öñ¹ñè;£
0055 C. ŲçŲóŲEŲEŲÄÚÂØñäÄ•Ä°²öÈòñ¬¼áñ¼¹¹Çñİ´°î»ñ¹ñèñÐñÇÄÖñÄ;£
0056 C.
0057 . C. *****
0058 C. DR PT2 Äî¼í°EÄ,
0059 C. *****
0060 C. ° RESTART;ÊPT2;Ëñ•ñç¼ñ¼¹¹Çñİ;ç°Ê²¼ñî¼Ä¹Öñññ°;çDCBC-151ñØçÊñà;£
0061 C.
0062 . C. ;ãPT2°EÄ,³«»î;ä
0063 +. DC 01-29 DHU_S/X_VC4_OFF
0064 + DC 06-C8 DR_PT2_REP_SEL
0065 BC (02 00)
0066 + DC 06-B3 DR_REP_START
0067 + DC 01-32 DHU_X_VC4_ON
0068 C. çç[HK1_REP_PT_1/2] EQ PT2 (¼Ä¹Ö,;¼Ü)
0069 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ö,;¼Ü)
0070 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö,;¼Ü)
0071 C.
0072 . C. ;ãŲçŲóŲEŲEŲÄÚÂØ;ÊÄ•Ä°²öÈò;Ë,ãñî°EÄ,°E³«;ä
0073 +. DC 06-B3 DR_REP_START
0074 + DC 01-32 DHU_X_VC4_ON
0075 C. çç[HK1_REP_PT_1/2] EQ PT2 (¼Ä¹Ö,;¼Ü)
0076 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ö,;¼Ü)
0077 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö,;¼Ü)
0078 C.
0079 . C. *****
0080 C. DR°EÄ,Ää»ß;çXÄ÷ç®µ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°EÄ,Ää»ß;ä
0084 +. DC 06-B4 DR_REP_STOP
0085 + DC 01-29 DHU_S/X_VC4_OFF
0086 C. çç[HK1_REP_STA/STP] EQ STOP
0087 C. çç[HK1_S_VC4_ON/OFF] EQ OFF
0088 C. çç[HK1_X_VC4_ON/OFF] EQ OFF
0089 C.
0090 . C. ;ãXÄ÷ç®µ;OFF;ä
0091 +. DC 03-85 TCIA_XMOD_OFF
0092 M. WAIT_SEC 1
0093 + DC 03-B5 TCIA_XPA_OFF
0094 C. çç[HK1_XMOD_ON/OFF] EQ OFF
0095 C. çç[HK1 XPA ON/OFF] EO OFF
```

```

0096 C.
0097 C.
0098 . C. ***** AOCs Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ()
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCs Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCSDUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 . C.
0129 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0130 +. DC 07-FC EIS_MODE_CHG_ENA
0131 BC (20)
0132 . C. Verify EIS_MODE_CHG_FLG is ENA
0133 +. DC 07-FC EIS_MODE_MANU
0134 BC (21 02)
0135 . C. Verify EIS in MANUAL mode
0136 . C. Estimated OBSTBL upload time is 55s
0137 C. *****
0138 C. EIS START OBSTBL LOAD
0139 C. *****
0140 . S. RAM ram-820:EIS_OBSTBL
0141 ()
0142 +. DC 07-FC EIS_DUMP_OBSTBL
0143 BC (07 07 07 00 00 70 00)
0144 C.
0145 C. Execute, after the success of OBSTBL upload.
0146 C. Set EIS TI-commands
0147 +. TI 2026-01-15 11:21:50.0
0148 DC 07-FC EIS_MODE_CHG_ENA
0149 BC (20)
0150 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0151 C. *****
0152 C. EIS END OBSTBL LOAD
0153 C. *****
0154 C.
0155 . C. ***** MDP ‘ũÃî=Î»ö¼Ý=ËÂÐ¤¹¤èDCBC•×²è *****
0156 C. (%ã°î¥Ö¥Ä¥Ê¥Ð¥Ê¥ä¥ç¥é¤È½¾¤¤¼Å»Ü¤¹¤é)
0157 . S. DC-BC dcbc-402:DCBC
0158 (MDP_known_event)
0159 C.
0160 C.
0161 . C. ***** ¥Ð¥¹•İ Daily±¿ÍÑ¤È’Ø¤¹¤èDCBC•×²è *****
0162 . S. DC-BC dcbc-153:DCBC
0163 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0164 C.
0165 C.
0166 . C. ;ãLOS¥Á¥$¥Ä¥¬~¼Å»Ü;ä
0167 C.
0168 . C. ***** LOS *****
0169 C.

```

[illegible]

0096 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0097 C.
0098 C.
0099 . C. ;äLOSŸÁŸSŸÃŸ-¼Â»Ü;ä
0100 C.
0101 . C. ***** LOS *****
0102 C.

Jan 15, 26 12:08

XRT_OGLIST_0077.chk

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*** OP Sequence for XRT ***

2026/01/15	11:31:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/15	11:31:56.0	XRT_FOCUS_RECALIBRATE_407_OG [0x197]			
		XRT_FOCUS_RECAL	2	07-F8	78 00
2026/01/15	11:32:00.0	AOCS_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	01 03 74 01 db
2026/01/15	11:35:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2026/01/15	11:36:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2026/01/15	11:36:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/01/15	11:36:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2026/01/15	11:36:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2026/01/15	11:36:24.0	XRT_FLD_RESET_410_OG [0x19a]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/15	11:38:56.0	XRT_QT_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2026/01/15	11:38:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/01/15	11:39:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/15	13:08:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/15	13:08:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2026/01/15	13:09:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 57 74 01 db
2026/01/15	13:09:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2026/01/15	13:09:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/01/15	13:09:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2026/01/15	13:09:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2026/01/15	13:09:24.0	XRT_FLD_RESET_410_OG [0x19a]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/15	13:11:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2026/01/15	13:11:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/01/15	13:12:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/15	13:31:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/15	13:31:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2026/01/15	13:32:00.0	AOCS_ORe-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	00 4e 97 01 db
2026/01/15	13:32:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2026/01/15	13:32:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/01/15	13:32:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2026/01/15	13:32:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2026/01/15	13:32:24.0	XRT_FLD_RESET_410_OG [0x19a]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/15	13:34:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2026/01/15	13:34:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/01/15	13:35:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/15	13:54:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/15	13:54:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2026/01/15	13:55:00.0	AOCS_ORe-point_Start_4_OG [0x09a]			
		AOCU_NM	5	02-76	00 45 b2 01 db
2026/01/15	13:55:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2026/01/15	13:55:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/01/15	13:55:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2026/01/15	13:55:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2026/01/15	13:55:24.0	XRT_FLD_RESET_410_OG [0x19a]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/15	13:57:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2026/01/15	13:57:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/01/15	13:58:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/15	14:17:54.0	XRT_CTRL_MANU_402_OG [0x192]			

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2026/01/15	14:17:56.0	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/15	14:18:00.0	XRT_FOCUS_POSITION_414_OG [0x19e]	4	07-F8	22 fe 97 00
2026/01/15	14:18:16.0	AOCs_ORe-point_Start_5_OG [0x09b]	5	02-76	00 3c cc 01 db
2026/01/15	14:18:18.0	MDP_XRT_FLD_ENA	1	07-F0	d8
2026/01/15	14:18:20.0	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/01/15	14:18:22.0	MDP_XRT_AEC_RESET	1	07-F0	d0
2026/01/15	14:18:24.0	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/01/15	14:20:56.0	MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/15	14:20:58.0	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2026/01/15	14:21:00.0	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/01/15	14:40:54.0	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/15	14:40:56.0	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/15	14:41:00.0	XRT_FOCUS_POSITION_414_OG [0x19e]	4	07-F8	22 fe 97 00
2026/01/15	14:41:16.0	AOCs_ORe-point_Start_6_OG [0x09c]	5	02-76	00 33 e7 01 db
2026/01/15	14:41:18.0	MDP_XRT_FLD_ENA	1	07-F0	d8
2026/01/15	14:41:20.0	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/01/15	14:41:22.0	MDP_XRT_AEC_RESET	1	07-F0	d0
2026/01/15	14:41:24.0	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/01/15	14:43:56.0	MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/15	14:43:58.0	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2026/01/15	14:44:00.0	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/01/15	15:03:54.0	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/15	15:03:56.0	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/15	15:04:00.0	XRT_FOCUS_POSITION_414_OG [0x19e]	4	07-F8	22 fe 97 00
2026/01/15	15:04:16.0	AOCs_ORe-point_Start_7_OG [0x09d]	5	02-76	00 2b 02 01 db
2026/01/15	15:04:18.0	MDP_XRT_FLD_ENA	1	07-F0	d8
2026/01/15	15:04:20.0	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/01/15	15:04:22.0	MDP_XRT_AEC_RESET	1	07-F0	d0
2026/01/15	15:04:24.0	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/01/15	15:06:56.0	MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/15	15:06:58.0	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2026/01/15	15:07:00.0	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/01/15	15:26:54.0	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/15	15:26:56.0	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/15	15:27:00.0	XRT_FOCUS_POSITION_414_OG [0x19e]	4	07-F8	22 fe 97 00
2026/01/15	15:27:16.0	AOCs_ORe-point_Start_8_OG [0x09e]	5	02-76	00 22 24 01 db
2026/01/15	15:27:18.0	MDP_XRT_FLD_ENA	1	07-F0	d8
2026/01/15	15:27:20.0	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/01/15	15:27:22.0	MDP_XRT_AEC_RESET	1	07-F0	d0
2026/01/15	15:27:24.0	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/01/15	15:29:56.0	MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/15	15:29:58.0	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2026/01/15	15:30:00.0	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/01/15	15:49:54.0	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/15	15:49:56.0	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/15	15:50:00.0	XRT_FOCUS_POSITION_414_OG [0x19e]	4	07-F8	22 fe 97 00
2026/01/15		AOCs_ORe-point_Start_9_OG [0x09f]	5	02-76	00 19 3f 01 db

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2026/01/15	15:50:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/01/15	15:50:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/01/15	15:50:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/01/15	15:50:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/01/15	15:50:24.0	XRT_FLD_RESET_410_OG [0x19a]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/15	15:52:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b				
2026/01/15	15:52:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2026/01/15	15:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/15	16:21:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/15	16:21:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/15	16:21:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/01/15	16:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/01/15	16:44:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/15	16:44:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2026/01/15	16:45:00.0	AOCS_ORe-point_Start_10_OG [0x0a0]							
		AOCU_NM	5	02-76	00 10 5a 01 db				
2026/01/15	16:45:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/01/15	16:45:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/01/15	16:45:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/01/15	16:45:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/01/15	16:45:24.0	XRT_FLD_RESET_410_OG [0x19a]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/15	16:47:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b				
2026/01/15	16:47:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2026/01/15	16:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/15	17:07:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/15	17:07:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2026/01/15	17:08:00.0	AOCS_ORe-point_Start_11_OG [0x0a1]							
		AOCU_NM	5	02-76	00 07 74 01 db				
2026/01/15	17:08:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/01/15	17:08:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/01/15	17:08:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/01/15	17:08:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/01/15	17:08:24.0	XRT_FLD_RESET_410_OG [0x19a]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/15	17:10:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b				
2026/01/15	17:10:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2026/01/15	17:11:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/15	17:30:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/15	17:30:56.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2026/01/15	17:31:00.0	AOCS_ORe-point_Start_12_OG [0x0a2]							
		AOCU_NM	5	02-76	00 ff 75 01 db				
2026/01/15	17:31:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2026/01/15	17:31:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2026/01/15	17:31:20.0	XRT_ARS_DIS_425_OG [0x1a9]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/01/15	17:33:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06				
2026/01/15	17:34:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/15	17:57:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/15	17:57:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/15	17:57:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/01/15	18:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/01/15	18:21:24.0	XRT_CTRL_MANU_402_OG [0x192]							

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2026/01/15	18:21:26.0	XRT_FOCUS_POSITION_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/15	18:21:30.0	AOCs_ORe-point_Start_13_OG [0x0a3]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2026/01/15	18:21:46.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 f6 98 01 db
2026/01/15	18:21:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2026/01/15	18:21:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/01/15	18:21:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2026/01/15	18:21:54.0	XRT_FLD_RESET_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/01/15	18:24:26.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/15	18:24:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2026/01/15	18:24:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/01/15	18:44:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/15	18:44:26.0	XRT_FOCUS_POSITION_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/15	18:44:30.0	AOCs_ORe-point_Start_14_OG [0x0a4]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2026/01/15	18:44:46.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 ed b3 01 db
2026/01/15	18:44:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2026/01/15	18:44:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/01/15	18:44:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2026/01/15	18:44:54.0	XRT_FLD_RESET_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/01/15	18:47:26.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/15	18:47:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2026/01/15	18:47:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/01/15	19:07:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/15	19:07:26.0	XRT_FOCUS_POSITION_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/15	19:07:30.0	AOCs_ORe-point_Start_15_OG [0x0a5]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2026/01/15	19:07:46.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 e4 cd 01 db
2026/01/15	19:07:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2026/01/15	19:07:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/01/15	19:07:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2026/01/15	19:07:54.0	XRT_FLD_RESET_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/01/15	19:10:26.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/15	19:10:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2026/01/15	19:10:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/01/15	19:34:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/15	19:34:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/15	19:34:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/15	19:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/15	19:57:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/15	19:57:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/15	19:58:00.0	AOCs_ORe-point_Start_16_OG [0x0a6]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2026/01/15	19:58:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 db e8 01 db
2026/01/15	19:58:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2026/01/15	19:58:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/01/15	19:58:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2026/01/15	19:58:24.0	XRT_FLD_RESET_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/01/15	20:00:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/15	20:00:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e

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2026/01/15	20:01:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/15	20:20:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/15	20:20:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2026/01/15	20:21:00.0	AOCS_ORe-point_Start_17_OG [0x0a7]			
		AOCU_NM	5	02-76	00 d3 03 01 db
2026/01/15	20:21:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2026/01/15	20:21:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/01/15	20:21:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2026/01/15	20:21:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2026/01/15	20:21:24.0	XRT_FLD_RESET_410_OG [0x19a]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/15	20:23:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2026/01/15	20:23:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/01/15	20:24:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/15	20:43:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/15	20:43:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2026/01/15	20:44:00.0	AOCS_ORe-point_Start_18_OG [0x0a8]			
		AOCU_NM	5	02-76	00 ca 25 01 db
2026/01/15	20:44:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2026/01/15	20:44:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/01/15	20:44:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2026/01/15	20:44:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2026/01/15	20:44:24.0	XRT_FLD_RESET_410_OG [0x19a]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/15	20:46:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2026/01/15	20:46:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/01/15	20:47:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/15	21:10:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/15	21:10:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/15	21:10:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/15	21:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/15	21:34:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/15	21:34:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2026/01/15	21:35:00.0	AOCS_ORe-point_Start_19_OG [0x0a9]			
		AOCU_NM	5	02-76	00 c1 40 01 db
2026/01/15	21:35:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2026/01/15	21:35:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/01/15	21:35:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2026/01/15	21:35:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2026/01/15	21:35:24.0	XRT_FLD_RESET_410_OG [0x19a]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/15	21:37:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2026/01/15	21:37:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/01/15	21:38:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/15	21:57:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/15	21:57:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2026/01/15	21:58:00.0	AOCS_ORe-point_Start_20_OG [0x0aa]			
		AOCU_NM	5	02-76	00 b8 5b 01 db
2026/01/15	21:58:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2026/01/15	21:58:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/01/15	21:58:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2026/01/15	21:58:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2026/01/15	21:58:24.0	XRT_FLD_RESET_410_OG [0x19a]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/15	22:00:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]			

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2026/01/15	22:00:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b
2026/01/15	22:01:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2026/01/15	22:20:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/01/15	22:20:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/01/15	22:21:00.0	AOCS_ORe-point_Start_21_OG [0x0ab]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2026/01/15	22:21:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	af 75 01 db
2026/01/15	22:21:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2026/01/15	22:21:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2026/01/15	22:21:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2026/01/15	22:21:24.0	XRT_FLD_RESET_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2026/01/15	22:23:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/01/15	22:23:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b
2026/01/15	22:24:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2026/01/15	22:43:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/01/15	22:43:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/01/15	22:44:00.0	AOCS_ORe-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2026/01/15	22:44:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	01	03 74 01 db
2026/01/15	22:44:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2026/01/15	22:44:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2026/01/15	22:44:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2026/01/15	22:44:24.0	XRT_FLD_RESET_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2026/01/15	22:46:56.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/01/15	22:46:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a
2026/01/15	23:10:01.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2026/01/15	23:11:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2026/01/16	00:25:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/01/16	00:25:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/01/16	00:25:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/01/16	00:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/01/16	00:38:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/01/16	00:39:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2026/01/16	01:54:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/01/16	01:54:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/01/16	01:54:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/01/16	01:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/01/16	02:08:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/01/16	02:09:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2026/01/16	03:23:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/01/16	03:23:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/01/16	03:23:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/01/16	03:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/01/16	03:44:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/01/16	03:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2026/01/16	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/01/16	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/01/16	04:00:00.0	AOCS_ORe-point_Start_22_OG [0x0ac]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2026/01/16	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	00 00 00 00
2026/01/16	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	

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2026/01/16	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/01/16	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/01/16	04:00:24.0	XRT_FLD_RESET_410_OG [0x19a]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/16	04:02:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02				
2026/01/16	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2026/01/16	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/16	04:51:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/16	04:51:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/16	04:51:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/01/16	04:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/01/16	05:21:00.0	XRT_Custom_430_OG [0x1ae]							
2026/01/16	05:22:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/16	06:02:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/16	06:02:56.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2026/01/16	06:03:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2026/01/16	06:03:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2026/01/16	06:03:20.0	XRT_ARS_DIS_425_OG [0x1a9]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/01/16	06:05:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06				
2026/01/16	06:06:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/16	06:12:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/16	06:12:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2026/01/16	06:13:00.0	AOCs_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01 03 74 01 db				
2026/01/16	06:13:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/01/16	06:13:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/01/16	06:13:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/01/16	06:13:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/01/16	06:13:24.0	XRT_FLD_RESET_410_OG [0x19a]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/16	06:15:56.0	XRT_QT_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2026/01/16	06:15:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2026/01/16	06:16:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/16	06:31:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/16	06:31:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/16	06:31:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/01/16	06:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/01/16	06:58:01.0	XRT_Custom_430_OG [0x1ae]							
2026/01/16	06:59:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/16	08:11:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/16	08:11:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/16	08:11:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/01/16	08:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/01/16	08:35:00.0	XRT_Custom_430_OG [0x1ae]							
2026/01/16	08:36:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/16	09:50:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/01/16	09:50:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/01/16	09:50:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/01/16	09:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/01/16	10:11:00.0	XRT_Custom_430_OG [0x1ae]							
2026/01/16	10:12:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/01/16	11:32:00.0	XRT_CTRL_MANU_400_OG [0x190]							

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2026/01/16	11:32:02.0	MDP_XRT_CTRL_MANU	1	07-F0	c1
		XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/16	11:32:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/16	11:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/16	11:39:30.0	XRT_Custom_430_OG [0x1ae]			
2026/01/16	11:40:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/16	15:19:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/16	15:19:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/16	15:19:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/16	15:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/16	15:26:30.0	XRT_Custom_430_OG [0x1ae]			
2026/01/16	15:27:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/16	16:52:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/16	16:52:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/16	16:52:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/16	16:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/16	17:15:30.0	XRT_Custom_430_OG [0x1ae]			
2026/01/16	17:16:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/16	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/16	17:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/01/16	18:00:00.0	AOCS_ORe-point_Start_22_OG [0x0ac]			
		AOCU_NM	5	02-76	00 00 00 00 00
2026/01/16	18:00:16.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2026/01/16	18:00:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2026/01/16	18:00:20.0	XRT_ARS_DIS_425_OG [0x1a9]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2026/01/16	18:02:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2026/01/16	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/16	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/16	18:09:56.0	XRT_FOCUS_POSITION_414_OG [0x19e]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2026/01/16	18:10:00.0	AOCS_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	01 03 74 01 db
2026/01/16	18:10:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2026/01/16	18:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/01/16	18:10:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2026/01/16	18:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2026/01/16	18:10:24.0	XRT_FLD_RESET_410_OG [0x19a]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/16	18:12:56.0	XRT_QT_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2026/01/16	18:12:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/01/16	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/16	18:28:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/16	18:28:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/16	18:28:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/16	18:31:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/16	18:52:01.0	XRT_Custom_430_OG [0x1ae]			
2026/01/16	18:53:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/16	20:05:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/16	20:05:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/16	20:05:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/16	20:08:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/16	20:28:30.5	XRT_Custom_430_OG [0x1ae]			
2026/01/16	20:29:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/16	21:42:00.0	XRT_CTRL_MANU_400_OG [0x190]			

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2026/01/16	21:42:02.0	MDP_XRT_CTRL_MANU	1	07-F0	c1
		XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/16	21:42:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/16	21:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/16	22:05:30.0	XRT_Custom_430_OG [0x1ae]			
2026/01/16	22:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/16	23:19:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/16	23:19:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/16	23:19:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/16	23:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/16	23:41:00.0	XRT_Custom_430_OG [0x1ae]			
2026/01/16	23:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/17	00:56:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/17	00:56:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/17	00:56:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/17	00:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/17	01:05:30.0	XRT_Custom_430_OG [0x1ae]			
2026/01/17	01:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/17	02:21:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/17	02:21:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/17	02:21:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/17	02:24:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/17	02:39:00.0	XRT_Custom_430_OG [0x1ae]			
2026/01/17	02:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/17	03:54:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/17	03:54:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/17	03:54:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/17	03:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/17	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/17	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/01/17	04:00:00.0	AOCs_ORe-point_Start_22_OG [0x0ac]			
		AOCU_NM	5	02-76	00 00 00 00 00
2026/01/17	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2026/01/17	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/01/17	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2026/01/17	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2026/01/17	04:00:24.0	XRT_FLD_RESET_410_OG [0x19a]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/17	04:02:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2026/01/17	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/01/17	04:15:30.0	XRT_Custom_430_OG [0x1ae]			
2026/01/17	04:16:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/17	05:23:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/17	05:23:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/01/17	05:23:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/01/17	05:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/01/17	05:52:30.0	XRT_Custom_430_OG [0x1ae]			
2026/01/17	05:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/01/17	06:01:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/01/17	06:01:26.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/01/17	06:01:46.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2026/01/17	06:01:48.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9

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2026/01/17	06:01:50.0	XRT_ARS_DIS_425_OG [0x1a9]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2026/01/17	06:04:28.0	XRT_QT_PROG_SET_421_OG [0x1a5]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 06
2026/01/17	06:04:30.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2026/01/17	06:11:24.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2026/01/17	06:11:26.0	XRT_FOCUS_POSITION_414_OG [0x19e]		
		XRT_FOCUS_POSITION	4	07-F8 22 fe 97 00
2026/01/17	06:11:30.0	AOCS_ORe-point_Start_1_OG [0x097]		
		AOCU_NM	5	02-76 01 03 74 01 db
2026/01/17	06:11:46.0	XRT_FLD_ENA_411_OG [0x19b]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2026/01/17	06:11:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2026/01/17	06:11:50.0	XRT_AEC_RESET_448_OG [0x1c0]		
		MDP_XRT_AEC_RESET	1	07-F0 d0
2026/01/17	06:11:52.0	XRT_ARS_DIS_423_OG [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2026/01/17	06:11:54.0	XRT_FLD_RESET_410_OG [0x19a]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2026/01/17	06:14:26.0	XRT_QT_PROG_SET_436_OG [0x1b4]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 09
2026/01/17	06:14:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0e
2026/01/17	06:14:30.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2026/01/17	07:03:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2026/01/17	07:03:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2026/01/17	07:03:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2026/01/17	07:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2026/01/17	07:29:30.0	XRT_Custom_430_OG [0x1ae]		
2026/01/17	07:30:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2026/01/17	08:43:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2026/01/17	08:43:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2026/01/17	08:43:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2026/01/17	08:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2026/01/17	09:06:30.0	XRT_Custom_430_OG [0x1ae]		
2026/01/17	09:07:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2026/01/17	10:23:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2026/01/17	10:23:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2026/01/17	10:23:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2026/01/17	10:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2026/01/17	10:41:30.0	XRT_Custom_430_OG [0x1ae]		
2026/01/17	10:42:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2026/01/17	10:57:30.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2026/01/17	11:16:00.0	AOCS_ORe-point_Start_22_OG [0x0ac]		
		AOCU_NM	5	02-76 00 00 00 00 00