

XRT Timeline to be uploaded on 2026/06/16

Period: 2026/06/16 12:14:00 - 2026/06/24 10:30:00

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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
06/16 12:27:00 - 06/16 17:47:54	Track (451.3, 38.1) @ 06/16 12:24:00	# OP start + 10min + AR14465 tracking
06/16 18:42:00 - 06/17 03:43:30	Track (494.3, 38.2) @ 06/16 17:58:00	AR cont.
06/17 06:19:30 - 06/17 18:05:54	Track (584.0, 38.8) @ 06/17 06:16:30	AR cont.
06/17 18:19:00 - 06/18 03:59:54	Track (663.1, 39.7) @ 06/17 18:16:00	AR cont.
06/18 06:51:30 - 06/18 17:28:00	Track (736.0, 41.0) @ 06/18 06:48:30	AR cont.
06/18 18:19:30 - 06/19 03:59:54	Track (792.8, 42.6) @ 06/18 18:16:30	AR cont.
06/19 06:03:00 - 06/19 17:44:24	Track (840.6, 44.5) @ 06/19 06:00:00	AR cont.
06/19 18:38:30 - 06/20 03:40:30	Track (877.8, 46.8) @ 06/19 17:54:30	AR cont.
06/20 06:16:30 - 06/20 18:02:24	Track (903.7, 49.4) @ 06/20 06:13:30	AR cont.
06/20 18:15:30 - 06/21 03:59:54	Fixed (916.4, 52.3)	AR cont. fixed pointing

PROG= 02 Inf.-time(s)

Subr= 1 1-time(s) 2.0sec	
Seqn= 92 1-time(s) 2.0sec	
Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec
Open/G-band	Open/G-band close Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec
Open/Ti-poly	Open/thick-Al close Safe Dark 16.0s Obs 1x1 384x384 (1064, 1048) Q=98 0 0 2.0sec
Subr= 2 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 #1CF0: Synoptic 8 Filter w/ Al-mesh(5/128/723), Al-poly(12/181/1443), Thin-Be(33/512/4096), Thick-Be(65536), Med-Al(512/8192/32768), Med-Be(128/575)

Term	Pointing (x, y)	Comment
06/16 17:51:00 - 06/16 17:57:54	Fixed (0.0, 0.0)	synoptic, shifted -12.0 min
06/17 06:09:30 - 06/17 06:16:24	Fixed (0.0, 0.0)	synoptic, shifted 6.5 min + HOP349
06/17 18:09:00 - 06/17 18:15:54	Fixed (0.0, 0.0)	synoptic, shifted 6.0 min
06/18 06:41:30 - 06/18 06:48:24	Fixed (0.0, 0.0)	synoptic, shifted 38.5 min + HOP349
06/18 18:09:30 - 06/18 18:16:24	Fixed (0.0, 0.0)	synoptic, shifted 6.5 min
06/19 05:53:00 - 06/19 05:59:54	Fixed (0.0, 0.0)	synoptic, shifted -10.0 min + HOP349
06/19 17:47:30 - 06/19 17:54:24	Fixed (0.0, 0.0)	synoptic, shifted -15.5 min
06/20 06:06:30 - 06/20 06:13:24	Fixed (0.0, 0.0)	synoptic, shifted 3.5 min + HOP349
06/20 18:05:30 - 06/20 18:12:24	Fixed (0.0, 0.0)	synoptic, shifted 2.5 min
06/21 06:38:00 - 06/23 10:40:54	Fixed (0.0, 0.0)	synoptic, shifted 35.0 min + HOP349

PROG= 15 1-time(s)

Subr= 1 1-time(s) 2.0sec	
Seqn= 5 1-time(s) 2.0sec	
Open/Ti-poly	Open/thick-Al close Safe Dark 500ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Open/Ti-poly	Open/thick-Al close Safe Dark 500ms Obs 4x4 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Open/Ti-poly	Open/thick-Al close Safe Dark 500ms Obs 8x8 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Open/Ti-poly	Open/thick-Al close Safe Dark 500ms Obs 1x1 2048x512 (1024, 1024) DPCM 0 0 2.0sec
Open/Ti-poly	Open/thick-Al close Safe Dark 500ms Obs 1x1 512x2048 (1024, 1024) DPCM 0 0 2.0sec
Seqn= 26 1-time(s) 2.0sec	
Open/Al-mesh	Open/Al-mesh close Safe Norm 5ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Al-mesh	Open/Al-mesh close Safe Norm 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= 15 1-time(s) 2.0sec	
Al-poly/Open	Al-poly/Open close Safe Norm 12ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Al-poly/Open	Al-poly/Open close Safe Norm 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= 83 1-time(s) 2.0sec	
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= 23 1-time(s) 4.0sec	
Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=90 0 0 2.0sec
Open/G-band	Open/G-band close Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Subr= 2 1-time(s) 2.0sec	
Seqn= 65 1-time(s) 2.0sec	
Open/thick-Be	Open/thick-Be close Safe Norm 64.0s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Seqn= 17 1-time(s) 2.0sec	
med-Al/Open	med-Al/thick-Al close Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec

med-Al/Open	med-Al/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
med-Al/Open	med-Al/Open	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 33 1-time(s) 2.0sec												
med-Be/Open	Open/thick-Al	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
med-Be/Open	med-Be/Open	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
med-Be/Open	med-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 50 1-time(s) 2.0sec												
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	63ms	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	

XOB #1C9B: 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
06/17 04:26:00 - 06/17 06:06:24	Fixed (0.0, 0.0)	synoptic, shifted 6.5 min + HOP349
06/18 04:03:00 - 06/18 06:38:24	Fixed (0.0, 0.0)	synoptic, shifted 38.5 min + HOP349
06/19 04:03:00 - 06/19 05:49:54	Fixed (0.0, 0.0)	synoptic, shifted -10.0 min + HOP349
06/20 04:23:00 - 06/20 06:03:24	Fixed (0.0, 0.0)	synoptic, shifted 3.5 min + HOP349
06/21 04:05:00 - 06/21 06:34:54	Fixed (0.0, 0.0)	synoptic, shifted 35.0 min + HOP349

PROG= 08 Inf.-time(s)

Subr= 1 1-time(s) 300.0sec												
Seqn=100 1-time(s) 2.0sec												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	8ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 84 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 57 1-time(s) 2.0sec												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	11.3s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 81 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1064, 1048)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1064, 1048)	Q=95	0	0	2.0sec
Subr= 2 9-time(s) 360.0sec												
Seqn= 8 1-time(s) 2.0sec												
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Seqn= 6 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Seqn= 29 1-time(s) 2.0sec												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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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
06/16 12:27:00 - 06/16 17:47:54	Track (451.3, 38.1) @ 06/16 12:24:00	# OP start + 10min + AR14465 tracking
06/16 18:42:00 - 06/17 03:43:30	Track (494.3, 38.2) @ 06/16 17:58:00	AR cont.
06/17 04:26:00 - 06/17 06:06:24	Fixed (0.0, 0.0)	synoptic, shifted 6.5 min + HOP349
06/17 06:19:30 - 06/17 18:05:54	Track (584.0, 38.8) @ 06/17 06:16:30	AR cont.
06/17 18:19:00 - 06/18 03:59:54	Track (663.1, 39.7) @ 06/17 18:16:00	AR cont.
06/18 04:03:00 - 06/18 06:38:24	Fixed (0.0, 0.0)	synoptic, shifted 38.5 min + HOP349
06/18 06:51:30 - 06/18 17:28:00	Track (736.0, 41.0) @ 06/18 06:48:30	AR cont.
06/18 18:19:30 - 06/19 03:59:54	Track (792.8, 42.6) @ 06/18 18:16:30	AR cont.
06/19 04:03:00 - 06/19 05:49:54	Fixed (0.0, 0.0)	synoptic, shifted -10.0 min + HOP349
06/19 06:03:00 - 06/19 17:44:24	Track (840.6, 44.5) @ 06/19 06:00:00	AR cont.
06/19 18:38:30 - 06/20 03:40:30	Track (877.8, 46.8) @ 06/19 17:54:30	AR cont.
06/20 04:23:00 - 06/20 06:03:24	Fixed (0.0, 0.0)	synoptic, shifted 3.5 min + HOP349
06/20 06:16:30 - 06/20 18:02:24	Track (903.7, 49.4) @ 06/20 06:13:30	AR cont.
06/20 18:15:30 - 06/21 03:59:54	Fixed (916.4, 52.3)	AR cont. fixed pointing
06/21 04:05:00 - 06/21 06:34:54	Fixed (0.0, 0.0)	synoptic, shifted 35.0 min + HOP349

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-AI/Open	med-AI/thick-AI	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											
AI-poly/Open	AI-poly/thick-AI	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-AI	Open/thick-AI	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)		Q=98	0	0	2.0sec		
Open/thick-AI	Open/thick-AI	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

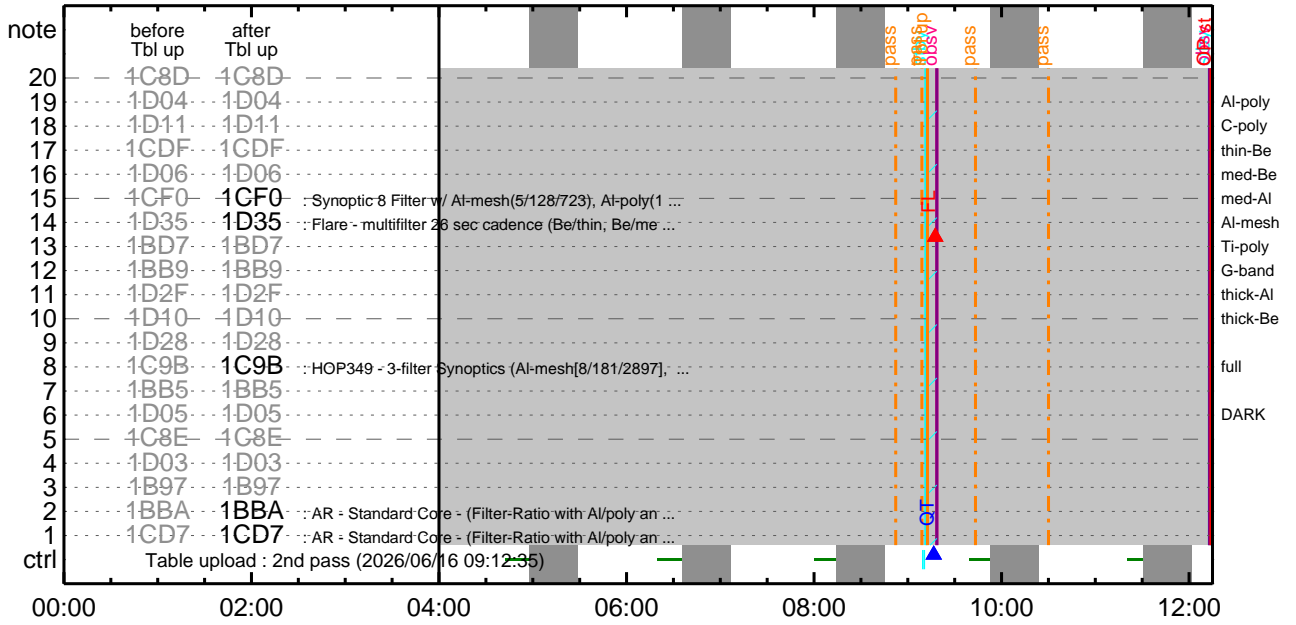
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Flare Detection

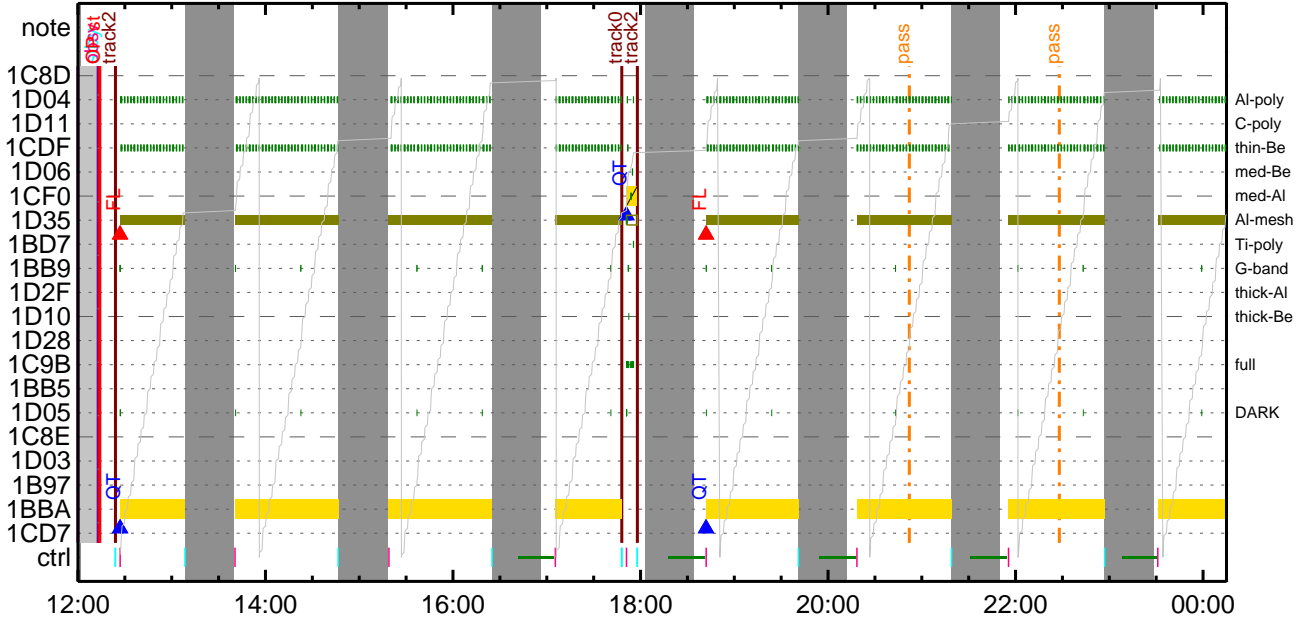
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FLD Patrol													
Term	Pointing (x, y)		Comment										
06/16 09:13:35 - 06/16 17:48:18	cannot be identified												
06/16 17:58:18 - 06/17 06:06:48	Track (494.3,	38.2)	@ 06/16 17:58:00	AR cont.									
06/17 06:16:48 - 06/17 18:06:18	Track (584.0,	38.8)	@ 06/17 06:16:30	AR cont.									
06/17 18:16:18 - 06/18 06:38:48	Track (663.1,	39.7)	@ 06/17 18:16:00	AR cont.									
06/18 06:48:48 - 06/18 18:06:48	Track (736.0,	41.0)	@ 06/18 06:48:30	AR cont.									
06/18 18:16:48 - 06/19 05:50:18	Track (792.8,	42.6)	@ 06/18 18:16:30	AR cont.									
06/19 06:00:18 - 06/19 17:44:48	Track (840.6,	44.5)	@ 06/19 06:00:00	AR cont.									
06/19 17:54:48 - 06/20 06:03:48	Track (877.8,	46.8)	@ 06/19 17:54:30	AR cont.									
06/20 06:13:48 - 06/20 18:02:48	Track (903.7,	49.4)	@ 06/20 06:13:30	AR cont.									
06/20 18:12:48 - 06/21 06:35:18	Fixed (916.4,	52.3)		AR cont. fixed pointing									
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		

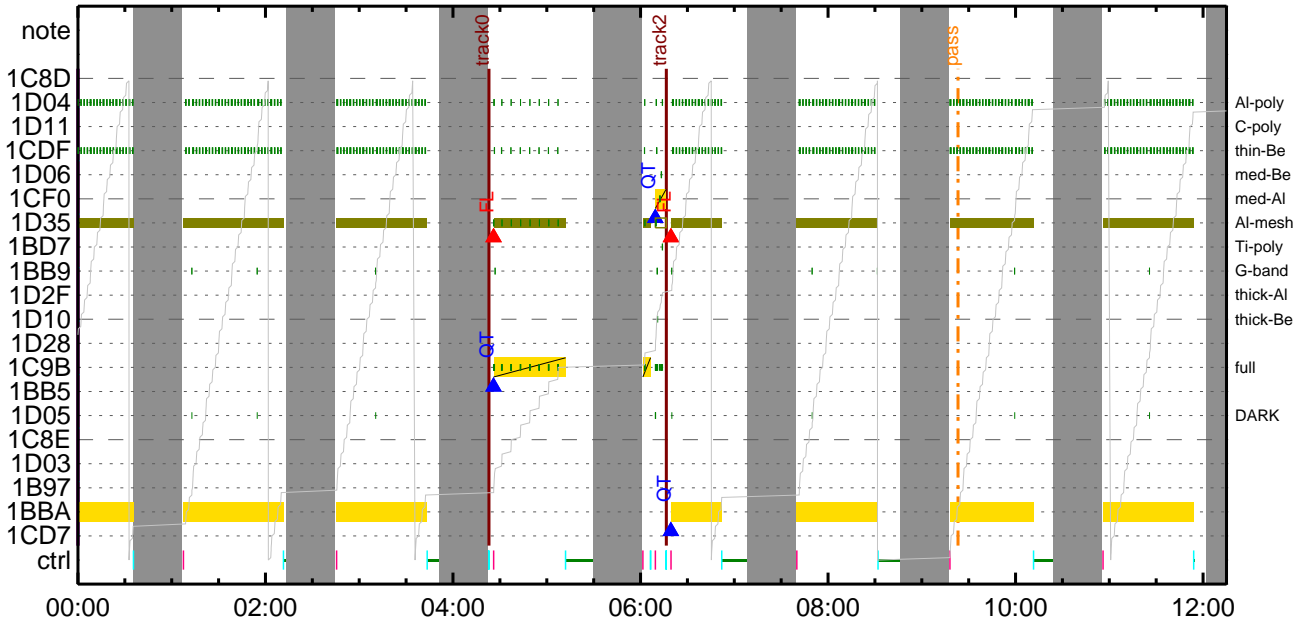
CMDI #0383 2026/06/16



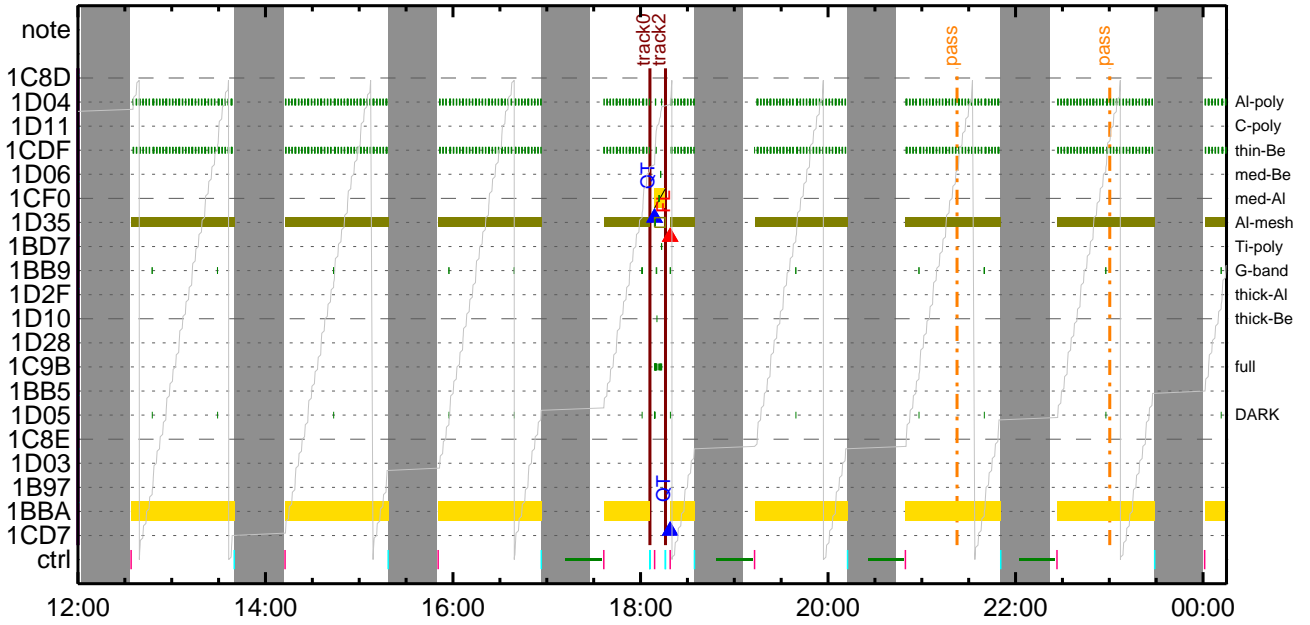
CMDI #0383 2026/06/16



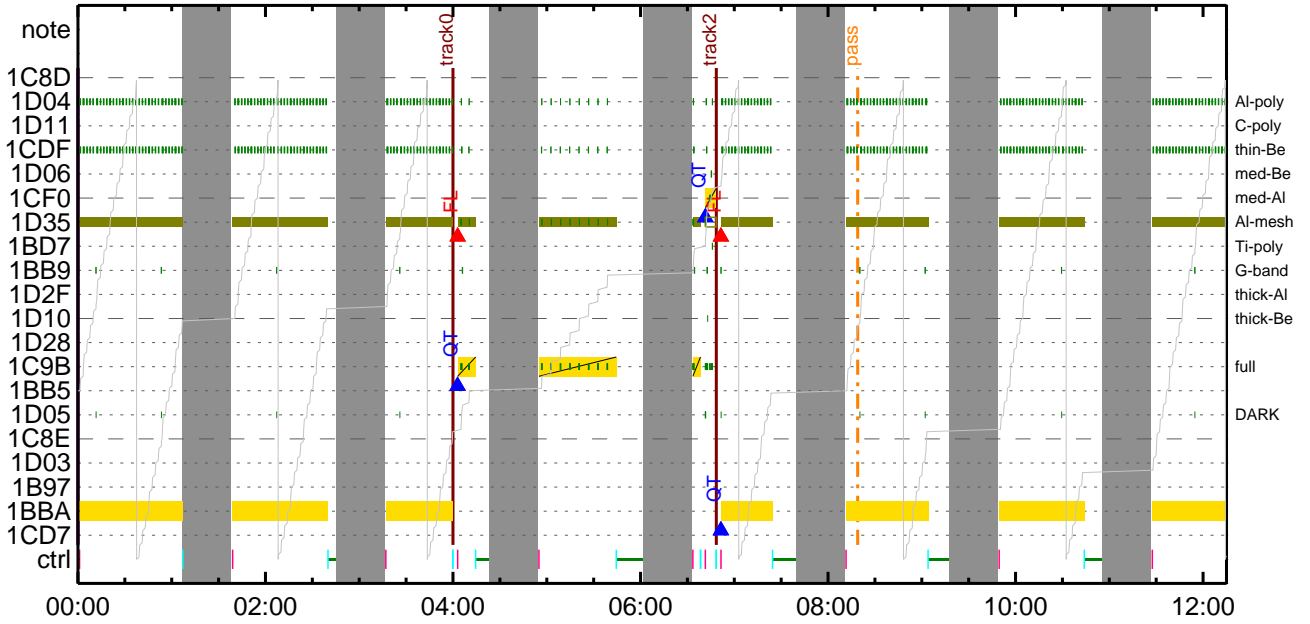
CMDI #0383 2026/06/17



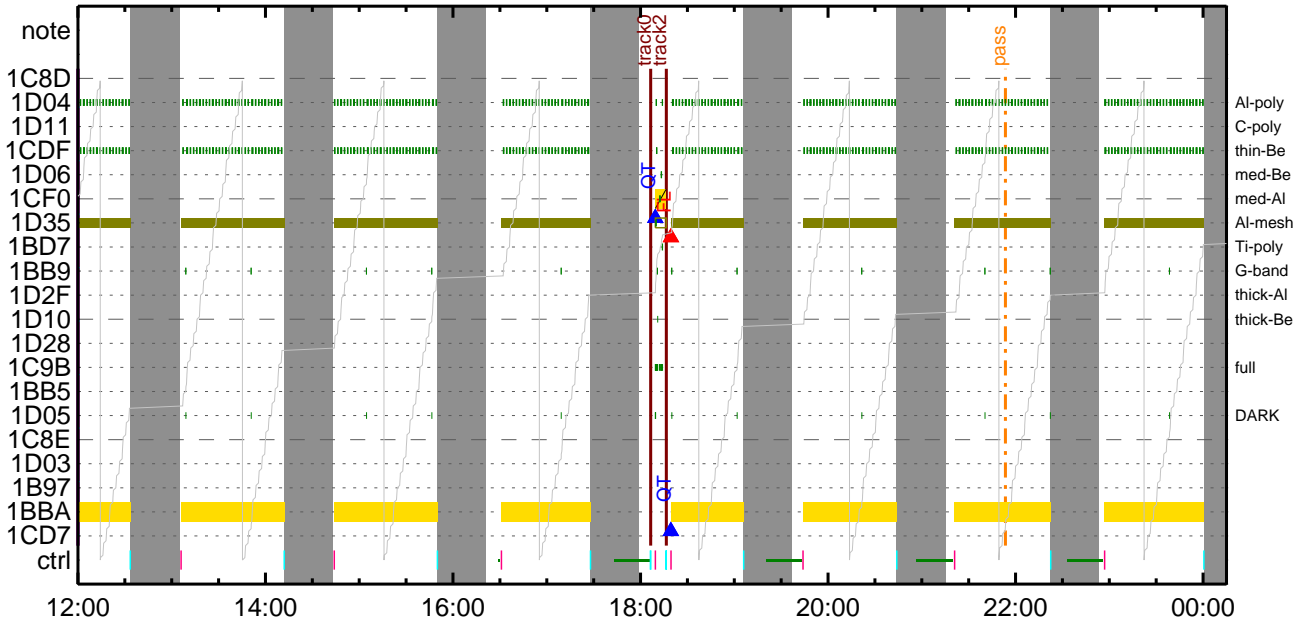
CMDI #0383 2026/06/17



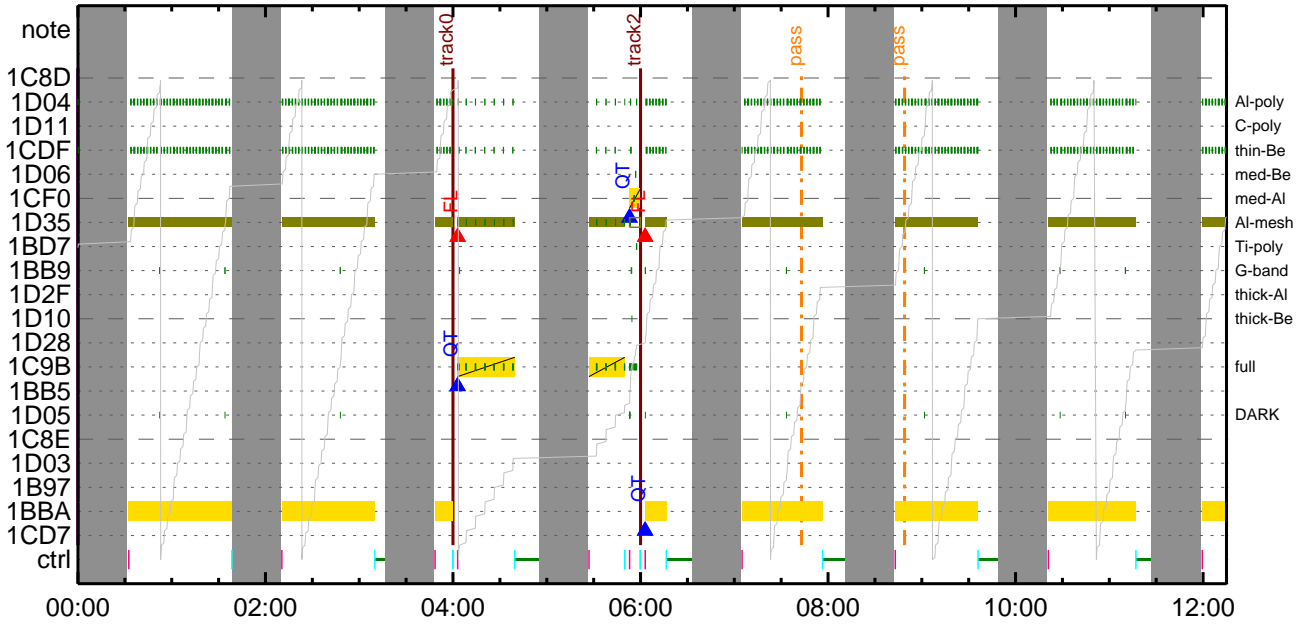
CMDI #0383 2026/06/18



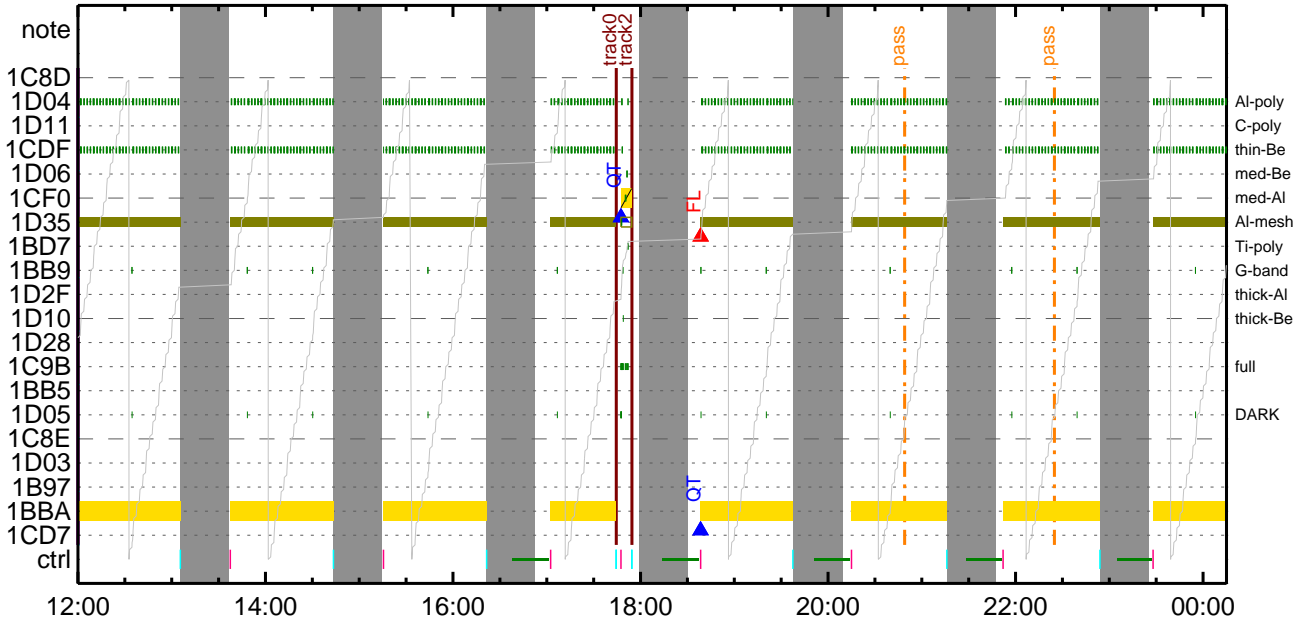
CMDI #0383 2026/06/18



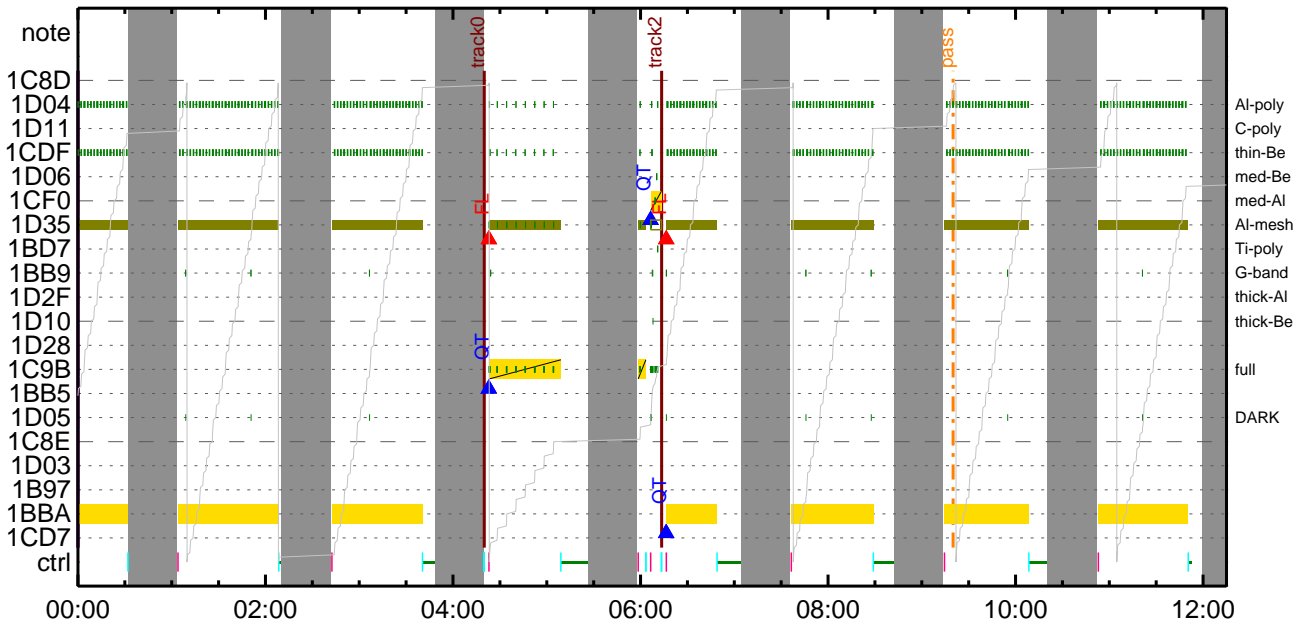
CMDI #0383 2026/06/19



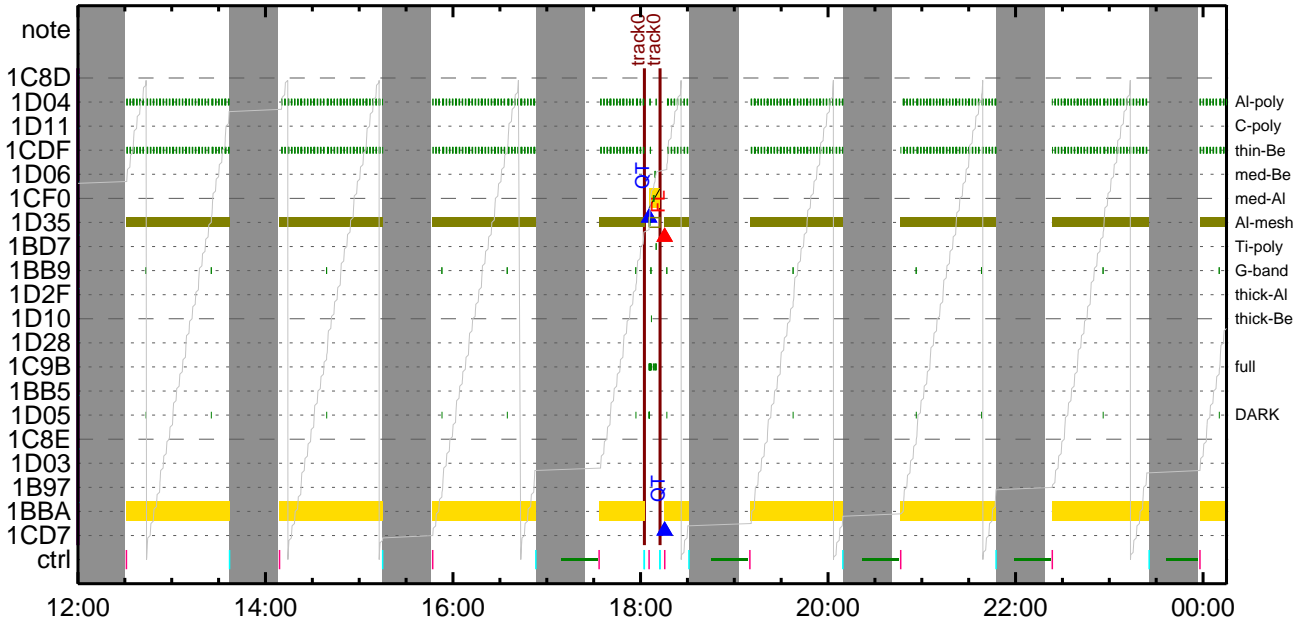
CMDI #0383 2026/06/19



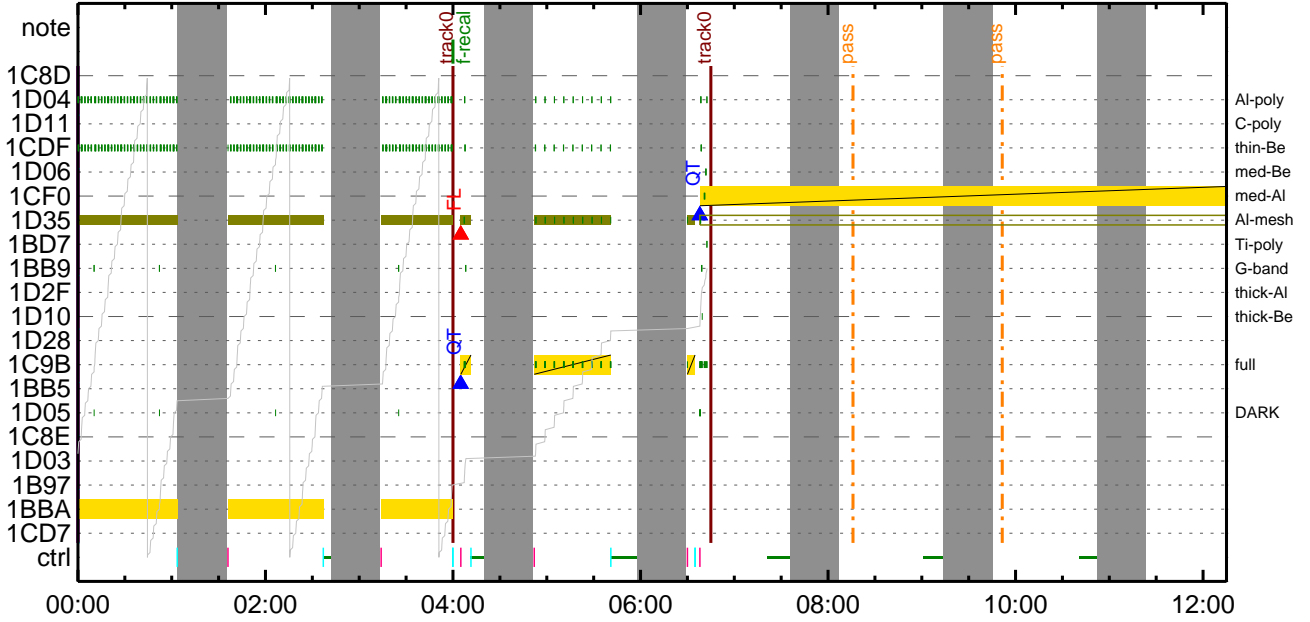
CMDI #0383 2026/06/20



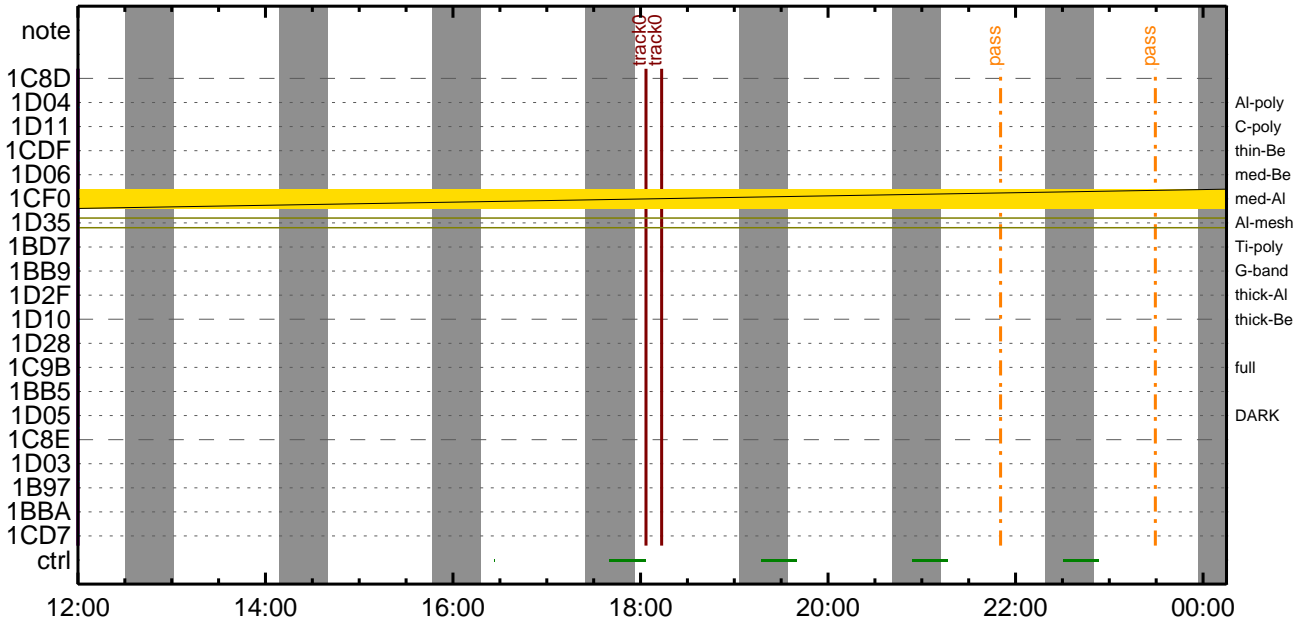
CMDI #0383 2026/06/20



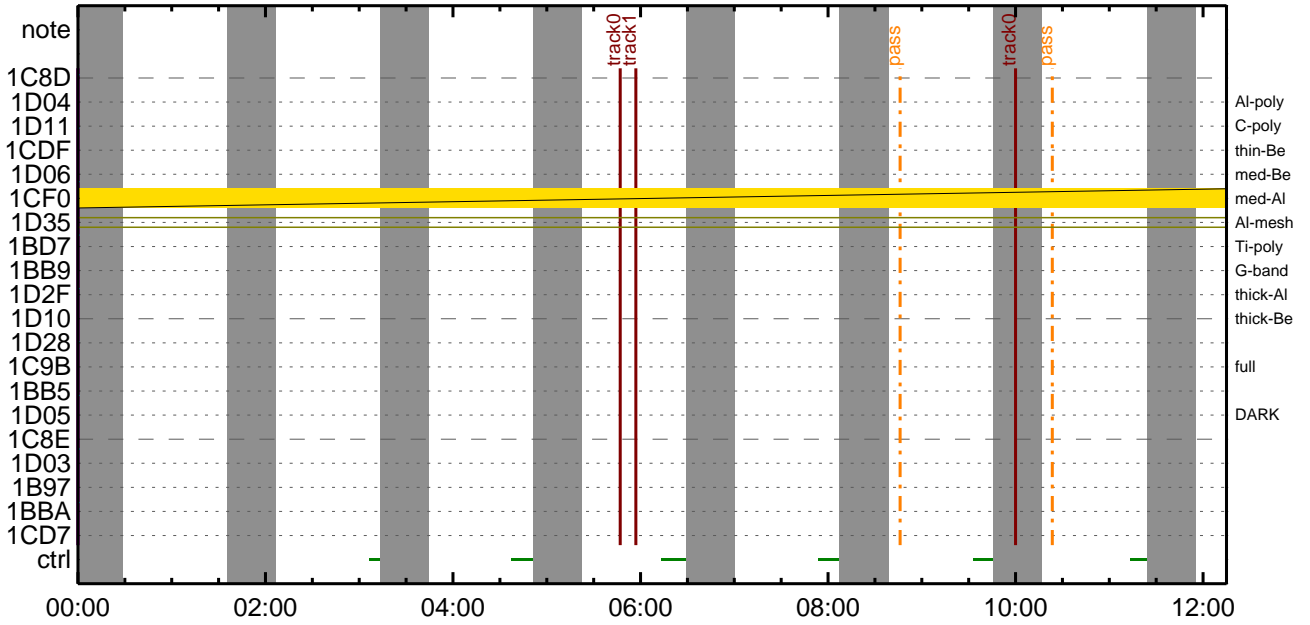
CMDI #0383 2026/06/21



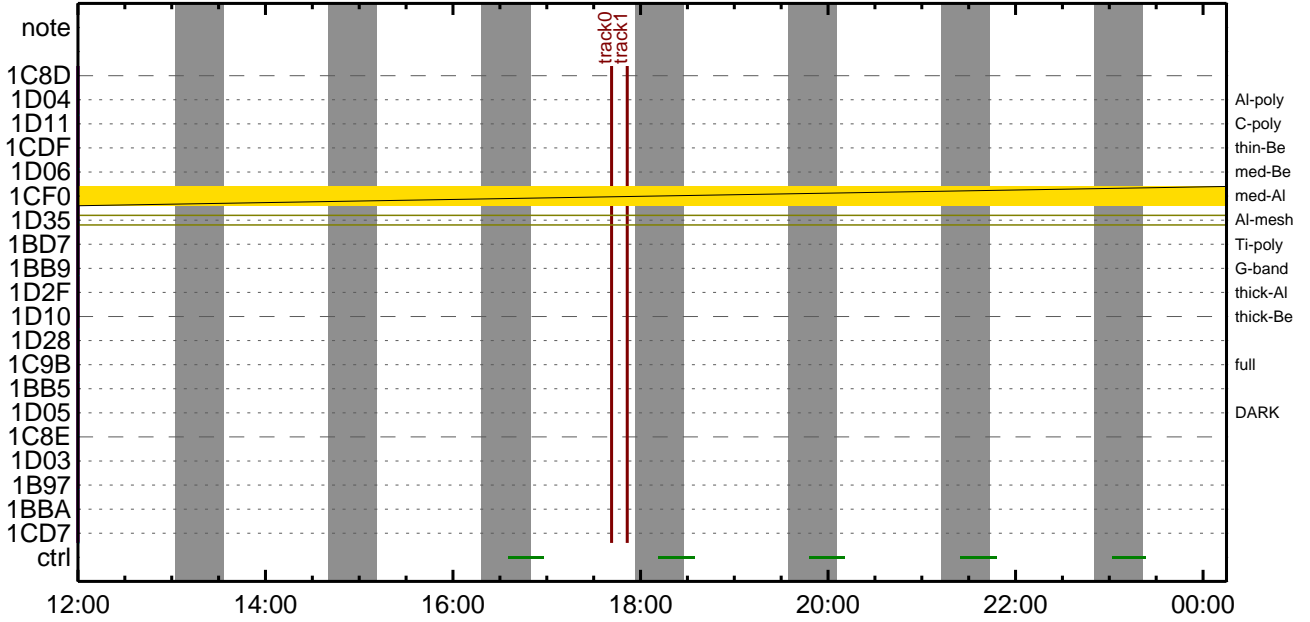
CMDI #0383 2026/06/21



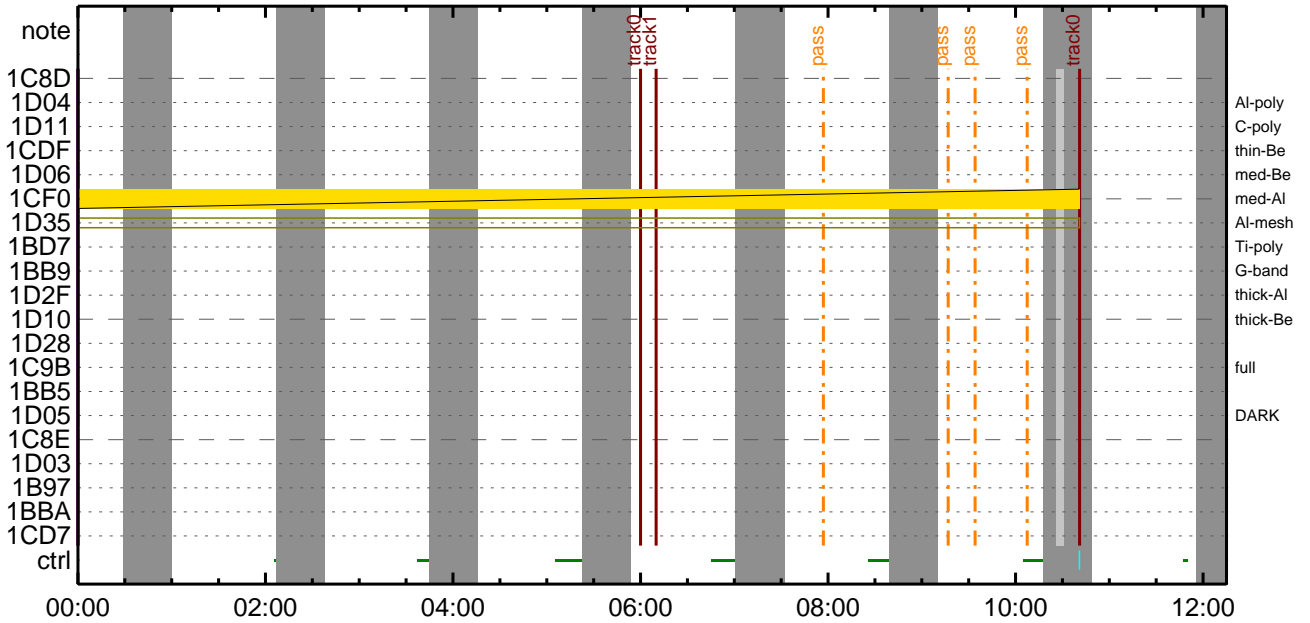
CMDI #0383 2026/06/22



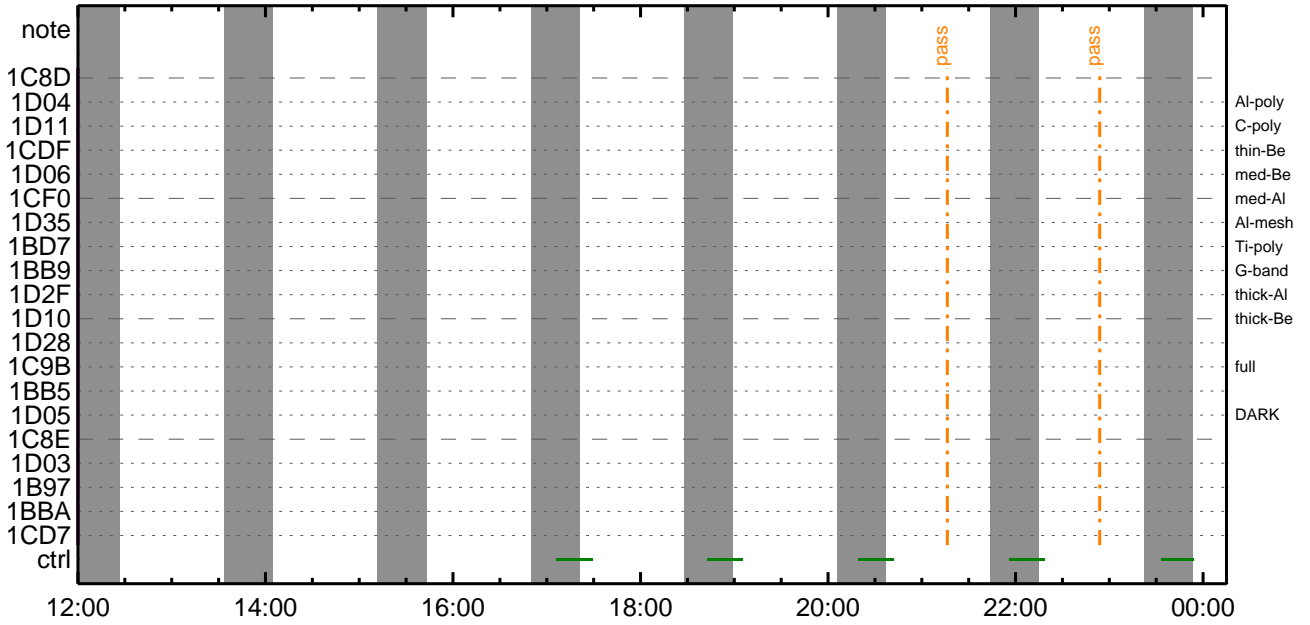
CMDI #0383 2026/06/22



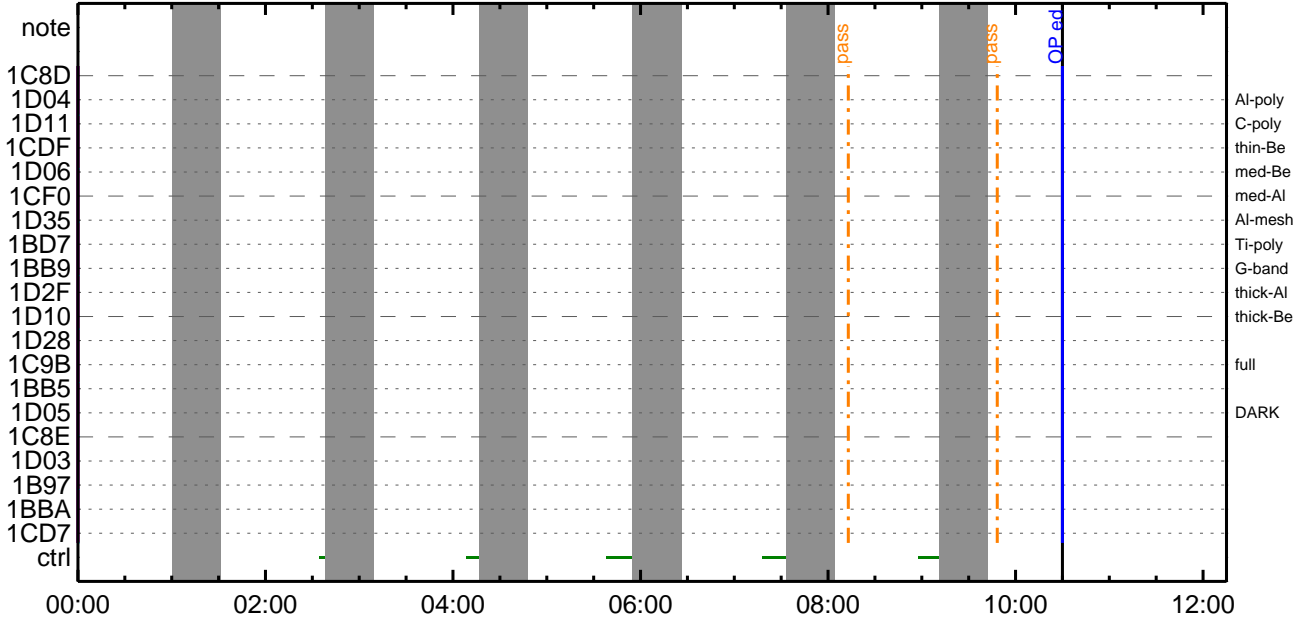
CMDI #0383 2026/06/23



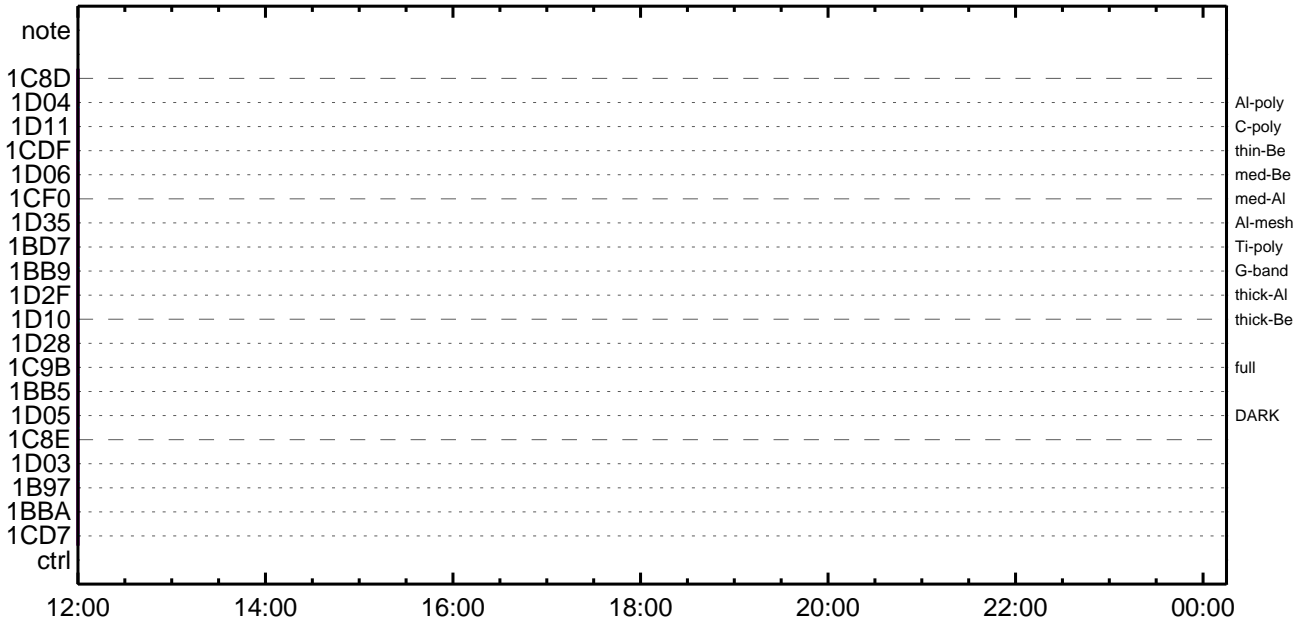
CMDI #0383 2026/06/23



CMDI #0383 2026/06/24



CMDI #0383 2026/06/24




```

0194 C.
0195 +. TI 2026-06-16 12:13:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          ¢¢[HK1_TI_CMD_NUM]          EQ      1COUNTUP
0198 C.
0199 C. °Ê²¼¤İÄë¾İİÑ¤İŸÄŸ$ŸÄŸ~¹äİÜ
0200 C.          ¢¢[HK1_TI_CMD_ENA/DIS]      EQ      ENA
0201 C.          ¢¢[HK1_TI_CMD_NUM]          EQ      4
0202 C.          ¢¢[HK1_NEXT_EXEC_PIM]       EQ      DHU
0203 C.          ¢¢[HK1_NEXT_EXEC_DC]       EQ      0xB3
0204 C.
0205 C. *****
0206 C. TIİİ°èŸÄŸÓŸ×
0207 C. *****
0208 C.
0209 C. TI_TBL(0x03AB00-0x03AEFF;$ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC      (03 ab 03 01 02)
0212 C.          ¢¢[HK1_DMP_TOP_ADRS_1]     EQ      07
0213 C.          ¢¢[HK1_DMP_TOP_ADRS_0]     EQ      2B
0214 C.          ¢¢[HK1_DMP_BLOCK_NUM]      EQ      3
0215 C.          ¢¢[HK1_DMP_REPEAT_NUM]     EQ      0
0216 C.          ¢¢[HK1_DMA_DMP_PIM]        EQ      DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC      (07 0b f8)
0219 C.          ¢¢[HK1_PKT_FORM_NO]        EQ      7
0220 C.          ¢¢[HK1_PKT_GEN_TIME]       EQ      0.25 s
0221 C.          ¢¢[HK1_S_TLM_BIT_RATE]    EQ      32k
0222 C.          ¢¢[HK1_X_TLM_BIT_RATE]    EQ      4M
0223 C.          ¢¢[HK1_DMP_CHK_FLG]       EQ      EXEC
0224 C.
0225 C. ŸÄŸÓŸ×½ªİ»¤ò³İÇ$
0226 C.          ¢¢[HK1_DMP_CHK_FLG]       EQ      NON
0227 C.
0228 C. RAM ID=TI_TBL¤İ¾È¹Ç•è²İOK¤ò³İÇ$
0229 C.
0230 C. DHUŸä;¼ŸÉ;È¼Ÿ½,Ÿİ;¼ŸÈ;È¤òİä¤¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC      (02 0a f8)
0233 C.          ¢¢[HK1_PKT_FORM_NO]        EQ      2
0234 C.          ¢¢[HK1_PKT_GEN_TIME]       EQ      0.5S
0235 C.          ¢¢[HK1_S_TLM_BIT_RATE]    EQ      32K
0236 C.          ¢¢[HK1_X_TLM_BIT_RATE]    EQ      4M
0237 C.
0238 C. Stop EIS observation and temporarily disable EIS mode changes
0239 C.
0240 C.
0241 C. ***** Start EIS operation (TI set) *****
0242 C. Execute, after the success of OP upload.
0243 C. Set EIS TI-commands
0244 +. TI 2026-06-16 12:13:30.0
0245 DC 07-FC EIS_MODE_MANU
0246 BC      (21 02)
0247 +. TI 2026-06-16 12:13:40.0
0248 DC 07-FC EIS_MODE_CHG_DIS
0249 BC      (22)
0250 C.          [ ] [HK1_TI_CMD_NUM]      EQ      2 COUNTUP
0251 C. ***** End EIS operation (TI set) *****
0252 C.
0253 C.
0254 C.
0255 C. ***** XRT START *****
0256 C. Execute, after the success of OP upload.
0257 +. TI 2026-06-16 12:13:00.0
0258 DC 07-F0 MDP_XRT_MODE_STBY
0259 BC      (c3)
0260 C.          [ ] [HK1_TI_CMD_NUM]      EQ      1COUNTUP
0261 C.
0262 C. ***** XRT END *****
0263 C.
0264 C. ***** MDP ´ûÃİ¤İ»ö¾Ÿ¤ÈÄ¤¤¹¤èDCBC•×²è *****
0265 C. (¾å°İŸÓŸÄŸÈŸŸŸÈŸäŸçŸè¤È¾¼¤¤¼Ä»Ü¤¹¤è)
0266 S. DC-BC dcbc-402:DCBC
0267 (MDP_known_event)
0268 C.
0269 C.
0270 C. ***** ŸĐŸ!•İ Daily±;İÑ¤È'Ø¤¹¤èDCBC•×²è *****
0271 S. DC-BC dcbc-153:DCBC
0272 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0273 C.
0274 C.
0275 C. ;ãLOSŸÄŸ$ŸÄŸ~¼Ä»Ü;ä
0276 C.
0277 C. ***** LOS *****
0278 C.

```

(a) Spacecraft Operation Procedure (real-commands)

```
main-048 2026-06-16 11:47:43 165 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY~^MÁ»Ü;ä
0005 C.
0006 C. YÀYß;¼Y³YD¥óYÉÁ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;È¼¿¼Á¼•µ°È»Í×ÁÇ¼ÍYçYÁY×Yí;¼YÉ;ÈÈè¼µ•íÉ;ÈÈÈ¼°ÇÖ¼•¼¿¼¹Ç¼Í;çÁ®, ù¼¹¼è¼D¼ÇÁ÷¿®¼•¼È¼¼¼³¼È;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. ***** AOCS Commands (Tracking Curve Upload) *****
0015 C. Upload the Orbit Element and the Target Attitude
0016 C. RAM-ID:TARGET_ATT
0017 . S. RAM ram-150:TARGET_ATT
0018 ()
0019 C.
0020 C.
0021 C. Set the dump memory area of TARGET_ATT
0022 +. DC 02-48 AOCU_DUMP_SET
0023 BC (07 00 00 00 18 00)
0024 C.
0025 C. <A_ST$1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0026 C.
0027 C.
0028 C. Change the TLMFormatNo for the AOCS Dump Format
0029 +. DC 01-22 DHU_MODE_CHNG
0030 BC (04 0b f8)
0031 C.
0032 C. Wait for AOCS DUMP to end
0033 C.
0034 . C. Check the dump memory
0035 C.
0036 C. Result = OK [ ]
0037 C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039 BC (02 0a f8)
0040 C.
0041 C. <A_***>[TLM STS] FMT = 2 [ ]
0042 C.
0043 +. DC 02-8E AOCU_ORB_UPD
0044 . C.
0045 . C. ***** AOCS Commands (Orbital Element Update) *****
0046 C. Update the orbital element
0047 +. DC 02-50 AOCU_ORB_PRPGT_START
0048 BC (16)
0049 +. DC 02-8E AOCU_ORB_UPD
0050 C.
0051 C. <A_ORB>[ORBIT] EPC = 917831.2 +- 1.0 (s) [ ]
0052 C.
0053 . C.
0054 C.
0055 C. ***** XRT START *****
0056 C.
0057 +. DC 07-F0 MDP_XRT_CTRL_MANU
0058 BC (c1)
0059 +. DC 07-F0 MDP_XRT_CTRL_MANU
0060 BC (c1)
0061 +. DC 07-F0 MDP_XRT_MODE_STBY
0062 BC (c3)
0063 . C. ----- Success Verify ? OK / NG____
0064 C.
0065 C. XRT Obs. Table Upload
0066 . S. RAM ram-291:MDP_OBS_X
0067 ()
0068 C.
0069 +. DC 07-F0 MDP_DUMP_XRTTBL
0070 BC (84 07 00 00 00 3a d4)
0071 . C. ----- Comparison Check ? OK / ERR ____
0072 C.
0073 C.
0074 +. DC 07-F0 MDP_XRT_ROI_SET
0075 BC (cd 01 b1 b1 04 04)
0076 +. DC 07-F0 MDP_XRT_ROI_SET
0077 BC (cd 02 b1 b1 08 08)
0078 +. DC 07-F0 MDP_XRT_ROI_SET
0079 BC (cd 03 b1 b1 08 08)
0080 +. DC 07-F0 MDP_XRT_ROI_SET
0081 BC (cd 04 b1 b1 06 06)
0082 +. DC 07-F0 MDP_XRT_ROI_SET
0083 BC (cd 05 85 83 06 06)
0084 +. DC 07-F0 MDP_XRT_ROI_SET
0085 BC (cd 06 85 83 06 06)
0086 +. DC 07-F0 MDP_XRT_ROI_SET
0087 BC (cd 07 80 80 20 20)
0088 +. DC 07-F0 MDP_XRT_ROI_SET
0089 BC (cd 08 80 80 20 08)
0090 +. DC 07-F0 MDP_XRT_ROI_SET
0091 BC (cd 09 80 80 08 20)
0092 +. DC 07-F0 MDP_XRT_ROI_SET
0093 BC (cd 0a 85 83 08 08)
0094 +. DC 07-F0 MDP_XRT_ROI_SET
0095 BC (cd 0f 80 80 06 06)
```

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0096 + DC 07-F0 MDP_XRT_ROI_SET
0097 BC (cd 10 80 80 08 08)
0098 + DC 07-F0 MDP_XRT_FLD_ENA
0099 BC (d8)
0100 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0101 BC (c8)
0102 + DC 07-F0 MDP_XRT_ARS_DIS
0103 BC (d5)
0104 + DC 07-F0 MDP_XRT_AEC_RESET
0105 BC (d0)
0106 + DC 07-F0 MDP_XRT_FLD_RESET
0107 BC (da)
0108 + DC 07-F0 MDP_XRT_QT_PROG_SET
0109 BC (c4 01)
0110 + DC 07-F0 MDP_XRT_FL_PROG_SET
0111 BC (c5 0e)
0112 . C. ----- Success Verify ? OK / NG ____
0113 C.
0114 C.
0115 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0116 C.
0117 + DC 07-F0 MDP_XRT_MODE_OBSV
0118 BC (c2)
0119 + TI 2026-06-16 12:13:02.0
0120 DC 07-F0 MDP_XRT_MODE_OBSV
0121 BC (c2)
0122 . C. ----- Success Verify ? OK / NG ____
0123 C.
0124 C. ***** XRT END *****
0125 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0126 + DC 07-FC EIS_MODE_CHG_ENA
0127 BC (20)
0128 . C. Verify EIS_MODE_CHG_FLG is ENA
0129 + DC 07-FC EIS_MODE_MANU
0130 BC (21 02)
0131 . C. Verify EIS in MANUAL mode
0132 . C. Estimated OBSTBL upload time is 50s
0133 C. *****
0134 C. EIS START OBSTBL LOAD
0135 C. *****
0136 . S. RAM ram-820:EIS_OBSTBL
0137 ( )
0138 + DC 07-FC EIS_DUMP_OBSTBL
0139 BC (07 07 07 00 00 70 00)
0140 C.
0141 C. Execute, after the success of OBSTBL upload.
0142 C. Set EIS TI-commands
0143 + TI 2026-06-16 12:13:50.0
0144 DC 07-FC EIS_MODE_CHG_ENA
0145 BC (20)
0146 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0147 C. *****
0148 C. EIS END OBSTBL LOAD
0149 C. *****
0150 C.
0151 . C. ***** MDP 'ûÃîñî»ô¼ÝñÈÃÐñ¹ñèDCBC•x²è *****
0152 C. (¾ã°îÿÓÿÃÿÈÿPÿÈÿÿáÿçÿèñÈ¼¼ñ¼Ã»Ûñ¹ñè)
0153 . S. DC-BC dcbc-402:DCBC
0154 (MDP_known_event)
0155 C.
0156 C.
0157 . C. ***** ÿÐÿ¹•ÿÿ Daily±;îññÈ'Øñ¹ñèDCBC•x²è *****
0158 . S. DC-BC dcbc-153:DCBC
0159 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0160 C.
0161 C.
0162 . C. ;ãLOSÿÃÿSÿÿÃÿ¹¼Ã»Û;ã
0163 C.
0164 . C. ***** LOS *****
0165 C.

```

(a) Spacecraft Operation Procedure (real-commands)

```
main-049 2026-06-16 11:47:43 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°E»Í×ĀÇñĪŸçŸĀŸ×Ÿí;¼ŸÉ;ĒĒè½μ•īĪĒ;ĒñĒ¼°ÇŌñ•ñ¿¼ī¹ÇñĪ;çĀ®, ùñ¹ñèñDñÇĀ÷¿®ñ•ñĒñññ³ñĒ;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 . C. ***** MDP 'úĀĪñĪ»ó¼ŸñĒĒñ¹ñèDCBC•×²è *****
0016 C. (¾ā°īŸŌŸĀŸĒŸDŸĒŸĒŸĀŸçŸĒñĒĒ¾ññ¼Ā»Ûñ¹ñè)
0017 . S. DC-BC dcbc-402:DCBC
0018 (MDP_known_event)
0019 C.
0020 C.
0021 . C. ***** ŸDŸ¹•Ī Daily÷¿ĪññĒ'Ōñ¹ñèDCBC•×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.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-050 2026-06-16 11:47:43 113 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÁY~¼Á»Û;ä
0005 C.
0006 C. YÀYß;¼Y³YDÝÓYÉÁ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Ëµ¿µÄµ•µ°Ë»Í×ÁÇµÍYÇYÁY×YÍ;¼YÉ;ËËÈµ•ÍÍË;ËËÈ¼°ÇÖµ•µ¿¼¹ÇµÍ; ÇÁ®, ùµ¹µÈµDµÇÁ÷¿®µ•µËµµµ³µÈ; £
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÁ÷¿µ;ON
0016 C. *****
0017 C. Ç °ËÀ, Í×ËÝµÄLOSµDµÇµÍ»p´Öµò¹ÍÍ, µ•; ÇÉÖÍ×µËXÁÓONµÍ¹ÖµËµÍµËµµµ³µÈ; £
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. XYDÝÓYÉYÍYÁY~¾ÖÁÖµ¬°ÄÄÈµ•µ¿µé; Ç°Ë²¼µÍ°ËÀ, ¼È½Çµò¼Á¹Öµ¹µé; £
0030 C.
0031 . C. *****
0032 C. DR PT1 ÁÍ¼Í°ËÀ,
0033 C. *****
0034 C. Ç ° RESTART;ËPT1;Ëµ•µ¿µ¾¼¹ÇµÍ; Ç°Ë²¼µÍ¼Á¹Öµµ°; ÇDCBC-150µØ¿ËÈµà; £
0035 C.
0036 . C. ;ãPT1°ËÀ, ³«»Í;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 (¼Á¹Ö, ;¼Ú)
0043 C. ÇÇ [HK1_REP_STA/STP] EQ START (¼Á¹Ö, ;¼Ú)
0044 C. ÇÇ [HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ö, ;¼Ú)
0045 C.
0046 . C. ;ãYÇYÓYÉYËÁÚÁØ;ËÁ•Á°²óÈò;Ë, áµÍ°ËÀ, °Ë³«;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 (¼Á¹Ö, ;¼Ú)
0050 C. ÇÇ [HK1_REP_STA/STP] EQ START (¼Á¹Ö, ;¼Ú)
0051 C. ÇÇ [HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ö, ;¼Ú)
0052 C.
0053 C.
0054 . C. PT1°ËÀ, µ¬¼«°Ë°Äá»ßµ•µ¿, á; Ç°Ë²¼µò¼Á¹Öµ¹µé; £
0055 C. YÇYÓYÉYËÁÚÁØµÄÁ•Á°²óÈòµ¬¼áµ¾¼¹ÇµÍ´°Í°Í»µ¹µÈµDµÇÁÖµÄ; £
0056 C.
0057 . C. *****
0058 C. DR PT2 ÁÍ¼Í°ËÀ,
0059 C. *****
0060 C. Ç ° RESTART;ËPT2;Ëµ•µ¿µ¾¼¹ÇµÍ; Ç°Ë²¼µÍ¼Á¹Öµµ°; ÇDCBC-151µØ¿ËÈµà; £
0061 C.
0062 . C. ;ãPT2°ËÀ, ³«»Í;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 (¼Á¹Ö, ;¼Ú)
0069 C. ÇÇ [HK1_REP_STA/STP] EQ START (¼Á¹Ö, ;¼Ú)
0070 C. ÇÇ [HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ö, ;¼Ú)
0071 C.
0072 . C. ;ãYÇYÓYÉYËÁÚÁØ;ËÁ•Á°²óÈò;Ë, áµÍ°ËÀ, °Ë³«;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 (¼Á¹Ö, ;¼Ú)
0076 C. ÇÇ [HK1_REP_STA/STP] EQ START (¼Á¹Ö, ;¼Ú)
0077 C. ÇÇ [HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ö, ;¼Ú)
0078 C.
0079 . C. *****
0080 C. DR°ËÀ, Áá»ß; ÇXÁ÷¿µ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°ËÀ, Áá»ß;ä
0084 +. DC 06-B4 DR_REP_STOP
0085 + DC 01-29 DHU_S/X_VC4_OFF
0086 C. ÇÇ [HK1_REP_STA/STP] EQ STOP
0087 C. ÇÇ [HK1_S_VC4_ON/OFF] EQ OFF
0088 C. ÇÇ [HK1_X_VC4_ON/OFF] EQ OFF
0089 C.
0090 . C. ;ãXÁ÷¿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] EQ OFF
```

0096 C.
0097 C.
0098 C.
0099 . C. ***** MDP 'ûÃîñî»ô¼ÝñËÃÐñ¹ñèDCBC•x²è *****
0100 C. (¼ã°îÝÓÝÃÝËÝÐÝËÝáÝçÝèñË¼¼ñ¼Ã»Ûñ¹ñè)
0101 . S. DC-BC dcbc-402:DCBC
0102 (MDP_known_event)
0103 C.
0104 C.
0105 . C. ***** ¥ÐÝ¹•Ï Daily±¿ÍÑñË´Øñ¹ñèDCBC•x²è *****
0106 . S. DC-BC dcbc-153:DCBC
0107 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0108 C.
0109 C.
0110 . C. ;ãLOS¥Á¥S¥Ã¥´¼Ã»Û;ã
0111 C.
0112 . C. ***** LOS *****
0113 C.

2026/06/16	17:58:26.0	XRT_FLD_RESET_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/06/16	18:41:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02	
2026/06/16	18:41:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e	
2026/06/16	18:42:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/06/16	19:41:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/06/16	19:41:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/06/16	19:41:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/06/16	19:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/06/16	20:17:30.0	XRT_Custom_430_OG [0x1ae]						
2026/06/16	20:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/06/16	21:19:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/06/16	21:19:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/06/16	21:19:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/06/16	21:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/06/16	21:54:30.0	XRT_Custom_430_OG [0x1ae]						
2026/06/16	21:55:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/06/16	22:57:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/06/16	22:57:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/06/16	22:57:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/06/16	23:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/06/16	23:30:00.0	XRT_Custom_430_OG [0x1ae]						
2026/06/16	23:31:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/06/17	00:35:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/06/17	00:35:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/06/17	00:35:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/06/17	00:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/06/17	01:06:30.0	XRT_Custom_430_OG [0x1ae]						
2026/06/17	01:07:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/06/17	02:11:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/06/17	02:11:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/06/17	02:11:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/06/17	02:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/06/17	02:44:30.0	XRT_Custom_430_OG [0x1ae]						
2026/06/17	02:45:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/06/17	03:43:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/06/17	03:43:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/06/17	03:43:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/06/17	03:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/06/17	04:22:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/06/17	04:22:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/06/17	04:22:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00	
2026/06/17	04:23:00.0	AOCs_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	00 00 00 00	
2026/06/17	04:23:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2026/06/17	04:23:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2026/06/17	04:23:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2026/06/17	04:23:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2026/06/17	04:23:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/06/17	04:25:56.0	XRT_QT_PROG_SET_405_OG [0x195]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08	
2026/06/17	04:25:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e	

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2026/06/17	04:26:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/17	05:12:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/17	05:12:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/17	05:12:04.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/17	05:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/17	06:00:30.0	XRT_Custom_430_OG [0x1ae]							
2026/06/17	06:01:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/17	06:06:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/17	06:06:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/17	06:06:28.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2026/06/17	06:06:48.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2026/06/17	06:06:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2026/06/17	06:06:52.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/06/17	06:09:28.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f				
2026/06/17	06:09:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/17	06:16:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/17	06:16:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/17	06:16:28.0	XRT_FOCUS_POSITION_414_OG [0x19e]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2026/06/17	06:16:30.0	AOCs_OrE-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	02 06 97 01 81				
2026/06/17	06:16:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/06/17	06:16:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/06/17	06:16:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/06/17	06:16:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/06/17	06:16:56.0	XRT_FLD_RESET_401_OG [0x191]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/17	06:19:26.0	XRT_QT_PROG_SET_444_OG [0x1bc]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02				
2026/06/17	06:19:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2026/06/17	06:19:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/17	06:52:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/17	06:52:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/17	06:52:04.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/17	06:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/17	07:39:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/17	07:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/17	08:32:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/17	08:32:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/17	08:32:04.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/17	08:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/17	09:17:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/17	09:18:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/17	10:11:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/17	10:11:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/17	10:11:34.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/17	10:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/17	10:55:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/17	10:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/17	11:54:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/17	11:54:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/17	11:54:04.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/17	11:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							

2026/06/17	12:33:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/06/17	12:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2026/06/17	13:40:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/06/17	13:40:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/06/17	13:40:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/06/17	13:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/06/17	14:11:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/06/17	14:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2026/06/17	15:18:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/06/17	15:18:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/06/17	15:18:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/06/17	15:21:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/06/17	15:49:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/06/17	15:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2026/06/17	16:56:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/06/17	16:56:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/06/17	16:56:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/06/17	16:56:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/06/17	16:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/06/17	17:35:30.0	XRT_Custom_430_OG [0x1ae]						
2026/06/17	17:36:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2026/06/17	18:05:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/06/17	18:05:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/06/17	18:05:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/06/17	18:06:00.0	AOCS_Orе-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2026/06/17	18:06:18.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00		
2026/06/17	18:06:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2026/06/17	18:06:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2026/06/17	18:08:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2026/06/17	18:09:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f		
2026/06/17	18:15:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/06/17	18:15:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/06/17	18:15:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/06/17	18:16:00.0	AOCS_Orе-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2026/06/17	18:16:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	02 06 97 01 81		
2026/06/17	18:16:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2026/06/17	18:16:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2026/06/17	18:16:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2026/06/17	18:16:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2026/06/17	18:18:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/06/17	18:18:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02		
2026/06/17	18:19:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e		
2026/06/17	18:34:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/06/17	18:34:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/06/17	18:34:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/06/17	18:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/06/17	19:12:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/06/17	19:13:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2026/06/17	20:12:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/06/17	20:12:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		

2026/06/17	20:12:34.0	XRT_PREFLR_START_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/17	20:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_START	1	07-F0	e8
2026/06/17	20:48:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/17	20:49:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/17	21:50:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/17	21:50:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/17	21:50:34.0	XRT_PREFLR_START_410_OG [0x19a]	MDP_XRT_PREFLR_START	1	07-F0	e8
2026/06/17	21:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/17	22:25:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/17	22:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/17	23:29:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/17	23:29:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/17	23:29:04.0	XRT_PREFLR_START_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/17	23:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_START	1	07-F0	e8
2026/06/17	23:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/18	00:00:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/18	00:01:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/18	01:07:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/18	01:07:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/18	01:07:04.0	XRT_PREFLR_START_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/18	01:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_START	1	07-F0	e8
2026/06/18	01:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/18	01:38:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/18	01:39:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/18	02:40:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/18	02:40:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/18	02:40:04.0	XRT_PREFLR_START_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/18	02:40:04.0	XRT_PREFLR_START_410_OG [0x19a]	MDP_XRT_PREFLR_START	1	07-F0	e8
2026/06/18	02:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_START	1	07-F0	e8
2026/06/18	02:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/18	03:16:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/18	03:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/18	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/18	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/18	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/18	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/18	04:00:00.0	AOCS_OrE-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/06/18	04:00:00.0	AOCU_NM	AOCU_NM	5	02-76	00 00 00 00 00
2026/06/18	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 00 00 00 00
2026/06/18	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2026/06/18	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/06/18	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2026/06/18	04:00:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/06/18	04:02:56.0	XRT_QT_PROG_SET_405_OG [0x195]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/18	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2026/06/18	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/06/18	04:14:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/18	04:14:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/18	04:14:34.0	XRT_PREFLR_START_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/18	04:17:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_START	1	07-F0	e8
2026/06/18	04:17:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/18	04:54:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/18	04:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/18	05:44:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/18	05:44:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/18	05:44:34.0	XRT_PREFLR_START_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/18	05:44:34.0	XRT_PREFLR_START_410_OG [0x19a]	MDP_XRT_PREFLR_START	1	07-F0	e8

2026/06/18	05:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/18	06:32:30.0	XRT_Custom_430_OG [0x1ae]			
2026/06/18	06:33:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/18	06:38:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/18	06:38:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/18	06:38:28.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/06/18	06:38:48.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2026/06/18	06:38:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2026/06/18	06:38:52.0	XRT_ARS_DIS_420_OG [0x1a4]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2026/06/18	06:41:28.0	XRT_QT_PROG_SET_421_OG [0x1a5]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2026/06/18	06:41:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/18	06:48:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/18	06:48:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/18	06:48:28.0	XRT_FOCUS_POSITION_414_OG [0x19e]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2026/06/18	06:48:30.0	AOCS_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	02 06 97 01 81
2026/06/18	06:48:48.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2026/06/18	06:48:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/06/18	06:48:52.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2026/06/18	06:48:54.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2026/06/18	06:48:56.0	XRT_FLD_RESET_401_OG [0x191]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/18	06:51:26.0	XRT_QT_PROG_SET_444_OG [0x1bc]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2026/06/18	06:51:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/06/18	06:51:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/18	07:24:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/18	07:24:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/18	07:24:34.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/18	07:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/18	08:10:30.0	XRT_Custom_430_OG [0x1ae]			
2026/06/18	08:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/18	09:04:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/18	09:04:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/18	09:04:04.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/18	09:07:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/18	09:48:30.0	XRT_Custom_430_OG [0x1ae]			
2026/06/18	09:49:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/18	10:44:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/18	10:44:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/18	10:44:04.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/18	10:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/18	11:26:30.0	XRT_Custom_430_OG [0x1ae]			
2026/06/18	11:27:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/18	12:33:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/18	12:33:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/18	12:33:34.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/18	12:36:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/18	13:05:00.0	XRT_Custom_430_OG [0x1ae]			
2026/06/18	13:06:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/18	14:12:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/18	14:12:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da

2026/06/18	22:22:34.0	XRT_PREFLR_START_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/06/18	22:25:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_START	1	07-F0	e8			
2026/06/18	22:56:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/06/18	22:57:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/06/19	00:00:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/06/19	00:00:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/06/19	00:00:34.0	XRT_PREFLR_START_410_OG [0x19a]	MDP_XRT_PREFLR_START	1	07-F0	e8			
2026/06/19	00:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/06/19	00:31:30.0	XRT_Custom_430_OG [0x1ae]							
2026/06/19	00:32:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/06/19	01:38:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/06/19	01:38:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/06/19	01:38:34.0	XRT_PREFLR_START_410_OG [0x19a]	MDP_XRT_PREFLR_START	1	07-F0	e8			
2026/06/19	01:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/06/19	02:09:30.0	XRT_Custom_430_OG [0x1ae]							
2026/06/19	02:10:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/06/19	03:10:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/06/19	03:10:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/06/19	03:10:04.0	XRT_PREFLR_START_410_OG [0x19a]	MDP_XRT_PREFLR_START	1	07-F0	e8			
2026/06/19	03:13:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/06/19	03:47:30.0	XRT_Custom_430_OG [0x1ae]							
2026/06/19	03:48:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/06/19	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/06/19	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/06/19	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2026/06/19	04:00:00.0	AOCs_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00			
2026/06/19	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2026/06/19	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2026/06/19	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2026/06/19	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2026/06/19	04:00:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/06/19	04:02:56.0	XRT_QT_PROG_SET_405_OG [0x195]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08			
2026/06/19	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e			
2026/06/19	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/06/19	04:39:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/06/19	04:39:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2026/06/19	04:39:34.0	XRT_PREFLR_START_410_OG [0x19a]	MDP_XRT_PREFLR_START	1	07-F0	e8			
2026/06/19	04:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2026/06/19	05:26:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/19	05:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/06/19	05:49:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/06/19	05:49:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2026/06/19	05:49:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2026/06/19	05:50:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2026/06/19	05:50:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2026/06/19	05:50:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2026/06/19	05:52:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f			
2026/06/19	05:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2026/06/19	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							

2026/06/19	05:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/19	05:59:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/19	06:00:00.0	AOCs_Orе-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2026/06/19	06:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	02 06 97 01 81	
2026/06/19	06:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2026/06/19	06:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2026/06/19	06:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2026/06/19	06:00:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2026/06/19	06:02:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/06/19	06:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02	
2026/06/19	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e	
2026/06/19	06:16:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/19	06:16:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/19	06:16:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/06/19	06:19:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/06/19	07:04:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/06/19	07:05:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2026/06/19	07:56:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/19	07:56:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/19	07:56:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/06/19	07:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/06/19	08:42:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/06/19	08:43:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2026/06/19	09:36:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/19	09:36:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/19	09:36:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/06/19	09:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/06/19	10:20:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/06/19	10:21:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2026/06/19	11:17:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/19	11:17:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/19	11:17:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/06/19	11:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/06/19	11:58:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/06/19	11:59:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2026/06/19	13:05:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/19	13:05:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/19	13:05:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/06/19	13:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/06/19	13:36:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/06/19	13:37:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2026/06/19	14:43:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/19	14:43:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/19	14:43:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/06/19	14:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/06/19	15:14:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/06/19	15:15:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2026/06/19	16:21:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/19	16:21:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/19			MDP_XRT_FLD_RESET	1	07-F0	da	

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2026/06/19	16:21:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/19	16:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/19	17:01:30.0	XRT_Custom_430_OG [0x1ae]				
2026/06/19	17:02:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/19	17:44:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/19	17:44:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/19	17:44:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/06/19	17:44:30.0	AOCS_Or-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00
2026/06/19	17:44:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2026/06/19	17:44:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2026/06/19	17:44:52.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/06/19	17:47:28.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2026/06/19	17:47:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/19	17:54:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/19	17:54:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/19	17:54:28.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2026/06/19	17:54:30.0	AOCS_Or-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	02 06 97 01 81
2026/06/19	17:54:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2026/06/19	17:54:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/06/19	17:54:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2026/06/19	17:54:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/06/19	17:54:56.0	XRT_FLD_RESET_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/19	18:38:26.0	XRT_QT_PROG_SET_444_OG [0x1bc]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2026/06/19	18:38:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/06/19	18:38:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/19	19:37:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/19	19:37:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/19	19:37:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/19	19:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/19	20:14:00.0	XRT_Custom_430_OG [0x1ae]				
2026/06/19	20:15:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/19	21:16:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/19	21:16:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/19	21:16:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/19	21:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/19	21:51:00.0	XRT_Custom_430_OG [0x1ae]				
2026/06/19	21:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/19	22:54:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/19	22:54:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/19	22:54:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/19	22:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/19	23:27:00.0	XRT_Custom_430_OG [0x1ae]				
2026/06/19	23:28:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/20	00:32:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/20	00:32:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/20	00:32:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/20	00:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/20	01:03:00.0	XRT_Custom_430_OG [0x1ae]				
2026/06/20	01:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0

2026/06/20	02:08:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/20	02:08:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/20	02:08:34.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/20	02:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/20	02:41:30.0	XRT_Custom_430_OG [0x1ae]							
2026/06/20	02:42:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/20	03:40:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/20	03:40:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/20	03:40:34.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/20	03:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/20	04:19:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/20	04:19:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/20	04:19:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2026/06/20	04:20:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2026/06/20	04:20:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/06/20	04:20:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/06/20	04:20:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/06/20	04:20:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/06/20	04:20:26.0	XRT_FLD_RESET_401_OG [0x191]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/20	04:22:56.0	XRT_QT_PROG_SET_405_OG [0x195]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2026/06/20	04:22:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2026/06/20	04:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/20	05:09:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/20	05:09:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/20	05:09:04.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/20	05:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/20	05:57:30.0	XRT_Custom_430_OG [0x1ae]							
2026/06/20	05:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/20	06:03:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/20	06:03:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/20	06:03:28.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2026/06/20	06:03:48.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2026/06/20	06:03:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2026/06/20	06:03:52.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/06/20	06:06:28.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f				
2026/06/20	06:06:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/20	06:13:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/20	06:13:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/20	06:13:28.0	XRT_FOCUS_POSITION_414_OG [0x19e]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2026/06/20	06:13:30.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	02 06 97 01 81				
2026/06/20	06:13:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/06/20	06:13:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/06/20	06:13:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/06/20	06:13:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/06/20	06:13:56.0	XRT_FLD_RESET_401_OG [0x191]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/20	06:16:26.0	XRT_QT_PROG_SET_444_OG [0x1bc]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02				
2026/06/20	06:16:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2026/06/20	06:16:30.0	XRT_CTRL_AUTO_408_OG [0x198]							

2026/06/20	06:49:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/20	06:49:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	da
			MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/20	06:49:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/20	06:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/20	07:35:30.0	XRT_Custom_430_OG [0x1ae]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2026/06/20	07:36:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/20	08:29:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/20	08:29:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
			MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/20	08:29:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/20	08:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/20	09:13:30.0	XRT_Custom_430_OG [0x1ae]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2026/06/20	09:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/20	10:08:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/20	10:08:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
			MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/20	10:08:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/20	10:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/20	10:52:00.0	XRT_Custom_430_OG [0x1ae]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2026/06/20	10:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/20	11:50:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/20	11:50:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
			MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/20	11:50:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/20	11:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/20	12:30:00.0	XRT_Custom_430_OG [0x1ae]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2026/06/20	12:31:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/20	13:37:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/20	13:37:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
			MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/20	13:37:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/20	13:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/20	14:08:00.0	XRT_Custom_430_OG [0x1ae]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2026/06/20	14:09:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/20	15:15:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/20	15:15:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
			MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/20	15:15:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/20	15:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/20	15:46:00.0	XRT_Custom_430_OG [0x1ae]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2026/06/20	15:47:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/20	16:53:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/20	16:53:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
			MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/20	16:53:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/20	16:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/20	17:32:30.0	XRT_Custom_430_OG [0x1ae]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2026/06/20	17:33:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/20	18:02:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/20	18:02:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/20	18:02:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/06/20	18:02:30.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00
2026/06/20	18:02:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
			MDP_XRT_FLD_DIS	1	07-F0	d9
2026/06/20	18:02:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2026/06/20	18:02:52.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5
			MDP_XRT_ARS_DIS	1	07-F0	d5
2026/06/20	18:05:28.0	XRT_QT_PROG_SET_421_OG [0x1a5]				

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2026/06/20	18:05:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_OT_PROG_SET	2	07-F0	c4	0f
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/20	18:12:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/20	18:12:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/20	18:12:28.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22 fe	97 00
2026/06/20	18:12:30.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 fb	5d ae 88
2026/06/20	18:12:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2026/06/20	18:12:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2026/06/20	18:12:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2026/06/20	18:12:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2026/06/20	18:12:56.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/06/20	18:15:26.0	XRT_OT_PROG_SET_444_OG [0x1bc]	MDP_XRT_OT_PROG_SET	2	07-F0	c4	02
2026/06/20	18:15:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2026/06/20	18:15:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/20	18:31:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/20	18:31:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/06/20	18:31:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/06/20	18:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/06/20	19:09:00.0	XRT_Custom_430_OG [0x1ae]					
2026/06/20	19:10:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/20	20:09:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/20	20:09:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/06/20	20:09:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/06/20	20:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/06/20	20:45:30.0	XRT_Custom_430_OG [0x1ae]					
2026/06/20	20:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/20	21:47:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/20	21:47:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/06/20	21:47:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/06/20	21:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/06/20	22:22:30.0	XRT_Custom_430_OG [0x1ae]					
2026/06/20	22:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/20	23:25:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/20	23:25:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/06/20	23:25:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/06/20	23:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/06/20	23:57:00.0	XRT_Custom_430_OG [0x1ae]					
2026/06/20	23:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/21	01:03:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/21	01:03:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/06/21	01:03:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/06/21	01:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/06/21	01:35:00.0	XRT_Custom_430_OG [0x1ae]					
2026/06/21	01:36:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/21	02:37:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/21	02:37:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/06/21	02:37:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/06/21	02:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/06/21	03:13:00.0	XRT_Custom_430_OG [0x1ae]					
2026/06/21	03:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	

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2026/06/21	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/21	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/21	03:59:58.0	XRT_FOCUS_RECALIBRATE_407_OG [0x197]							
		XRT_FOCUS_RECAL	2	07-F8	78 00				
2026/06/21	04:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2026/06/21	04:03:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2026/06/21	04:04:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/06/21	04:04:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/06/21	04:04:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/06/21	04:04:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/06/21	04:04:26.0	XRT_FLD_RESET_438_OG [0x1b6]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/21	04:04:56.0	XRT_QT_PROG_SET_405_OG [0x195]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2026/06/21	04:04:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2026/06/21	04:05:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/21	04:11:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/21	04:11:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/21	04:11:34.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/21	04:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/21	04:51:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/21	04:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/21	05:41:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/21	05:41:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/21	05:41:04.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/21	05:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/21	06:29:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/21	06:30:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/21	06:34:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/21	06:34:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/21	06:34:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2026/06/21	06:35:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2026/06/21	06:35:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2026/06/21	06:35:22.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/06/21	06:37:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f				
2026/06/21	06:38:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/21	06:45:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 fb 5d ae 88				
2026/06/21	06:46:00.0	XRT_TCIB_XRT_S_HTR_A_ENA_422_OG [0x1a6]							
		TCIB_XRT_S_HTR_A_ENA	0	04-BC					
2026/06/21	18:03:30.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2026/06/21	18:13:30.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 fb 5d ae 88				
2026/06/22	05:47:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2026/06/22	05:57:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	01 06 97 01 81				
2026/06/22	10:00:00.0	AOCS_ORe-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00 bf 34 01 81				
2026/06/22	17:41:30.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2026/06/22	17:51:30.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	01 06 97 01 81				
2026/06/23	06:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2026/06/23	06:10:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	01 06 97 01 81				
2026/06/23	10:40:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/23	10:41:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				