

Period: 2025/06/24 11:42:00 - 2025/07/03 11:07:00

Period: 2025/06/24 11:42:00 - 2025/07/03 11:07:00

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(128/5795)																
Term		Pointing (x, y)					Comment									
06/24 18:12:00 - 06/24 18:18:54		Fixed (0.0, 0.0)					synoptic, shifted 9.0 min									
06/25 05:55:30 - 06/25 06:02:24		Fixed (0.0, 0.0)					HOP 349 + synoptic, shifted -7.5 min									
06/25 17:50:30 - 06/25 17:57:24		Fixed (0.0, 0.0)					synoptic, shifted -12.5 min									
06/26 06:09:30 - 06/26 06:16:24		Fixed (0.0, 0.0)					HOP 349 + synoptic, shifted 6.5 min									
06/26 18:09:00 - 06/26 18:15:54		Fixed (0.0, 0.0)					synoptic, shifted 6.0 min									
06/27 06:41:30 - 06/27 06:48:24		Fixed (0.0, 0.0)					HOP 349 + synoptic, shifted 38.5 min									
06/27 18:10:30 - 06/27 19:07:00		Fixed (0.0, 0.0)					synoptic, shifted 7.5 min									
06/27 19:45:00 - 06/27 23:59:54		Track (664.7, -330.6) @ 06/27 18:17:30					HOP 508, AR 14117 & 14118									
06/28 05:54:30 - 06/28 06:01:24		Fixed (0.0, 0.0)					HOP 349 + synoptic, shifted -8.5 min									
06/28 17:49:30 - 06/28 17:56:24		Fixed (0.0, 0.0)					synoptic, shifted -13.5 min									
06/29 06:08:00 - 06/29 06:12:16		Fixed (0.0, 0.0)					HOP 349 + synoptic, shifted 5.0 min									
PROG= 10 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= 99 1-time(s) 2.0sec																
└ 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= 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= 41 1-time(s) 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 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= 75 1-time(s) 2.0sec																
└ 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																

XOB #1BB9: 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

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
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2 20-time(s) 120.0sec													
	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 #1CDE: HOP393/336 - 4x4 - Full Sun double long/short pair AEC 2/3 - Al-poly - Dark (512ms) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 7

Term			Pointing (x, y)							Comment					
06/28 00:33:30 - 06/28 03:59:54			Track (-17.0, -115.8) @ 06/28 00:00:00							HOP393					
PROG= 05 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		
	┌	Seqn= 52		1-time(s)		2.0sec									
		Al-poly/Open	Al-poly/Open	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	DPCM	0	0	2.0sec	
┌	Subr= 2		30-time(s)		720.0sec										
	┌	Seqn= 97		2-time(s)		2.0sec									
		Al-poly/Open	med-Be/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec	
	Al-poly/Open	med-Be/Open	close	Safe	Norm	500ms	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	

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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						
06/24 11:59:00 - 06/24 17:30:00	Fixed (-17.0, 726.9)										# OP start + 10min + HOP 485 North						
06/24 18:22:00 - 06/25 03:59:54	Track (116.5, -338.5) @ 06/24 18:19:00										AR 14117 & 14118						
06/25 06:05:30 - 06/25 17:47:24	Track (217.9, -338.5) @ 06/25 06:02:30										#AR 14117 & 14118						
06/25 18:00:30 - 06/26 03:43:30	Track (317.8, -338.0) @ 06/25 17:57:30										#AR 14117 & 14118						
06/26 06:19:30 - 06/26 10:59:54	Track (416.3, -337.0) @ 06/26 06:16:30										#AR 14117 & 14118						
06/26 11:03:00 - 06/26 15:18:30	Fixed (-17.0, -911.5)										HOP 485 South						
06/26 15:50:30 - 06/26 18:05:54	Track (486.2, -335.8) @ 06/26 15:30:00										AR 14117 & 14118						
06/26 18:19:00 - 06/27 03:59:54	Track (506.4, -335.4) @ 06/26 18:16:00										#AR 14117 & 14118						
06/27 06:51:30 - 06/27 17:29:00	Track (593.1, -333.2) @ 06/27 06:48:30										#AR 14117 & 14118						
06/28 00:33:30 - 06/28 03:59:54	Track (-17.0, -115.8) @ 06/28 00:00:00										HOP393						
06/28 06:04:30 - 06/28 17:46:24	Track (729.1, -327.5) @ 06/28 06:01:30										#AR 14117 & 14118						
06/28 17:59:30 - 06/29 03:42:00	Track (784.9, -323.8) @ 06/28 17:56:30										HOP 508, AR 14117 & 14118						
PROG= 14 30-time(s)																	
Subr= 1		1-time(s)		2.0sec													
Seqn= 68		1-time(s)		2.0sec													
		Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)		Q=95	0	0	2.0sec		
Subr= 2		20-time(s)		2.0sec													
Seqn= 11		1-time(s)		2.0sec													
		Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)		Q=95	2	0	2.0sec		
Seqn= 73		1-time(s)		10.0sec													
		thin-Be/Open	med-Be/Open	close	Safe	Norm	125ms	Obs	1x1	384x384 (1024, 1024)		Q=95	3	0	2.0sec		
		med-Be/Open	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)		Q=95	3	0	2.0sec		
		Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)		Q=95	3	0	2.0sec		
Subr= 3		1-time(s)		2.0sec													
Seqn= 10		1-time(s)		2.0sec													
		med-Al/Open	med-Al/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)		Q=95	3	0	2.0sec		
		Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)		Q=95	3	0	2.0sec		
Seqn= 11		1-time(s)		2.0sec													
		Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)		Q=95	2	0	2.0sec		
Seqn= 87		1-time(s)		2.0sec													
		Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)		Q=98	0	0	2.0sec		
		Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)		Q=98	0	0	2.0sec		
		Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)		Q=98	0	0	2.0sec		
		Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	2x2	512x512 (1024, 1024)		Q=98	0	0	2.0sec		
Default Filter		Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval				

XOB #1C96: 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
06/25 04:03:00 - 06/25 05:52:24	Fixed (0.0, 0.0)	HOP 349 + synoptic, shifted -7.5 min
06/26 04:23:30 - 06/26 06:06:24	Fixed (0.0, 0.0)	HOP 349 + synoptic, shifted 6.5 min
06/27 04:03:00 - 06/27 06:38:24	Fixed (0.0, 0.0)	HOP 349 + synoptic, shifted 38.5 min
06/28 04:03:00 - 06/28 05:51:24	Fixed (0.0, 0.0)	HOP 349 + synoptic, shifted -8.5 min
06/29 04:22:00 - 06/29 06:04:54	Fixed (0.0, 0.0)	HOP 349 + synoptic, shifted 5.0 min
PROG= 18 30-time(s)		
└ Subr= 1 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= 2	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

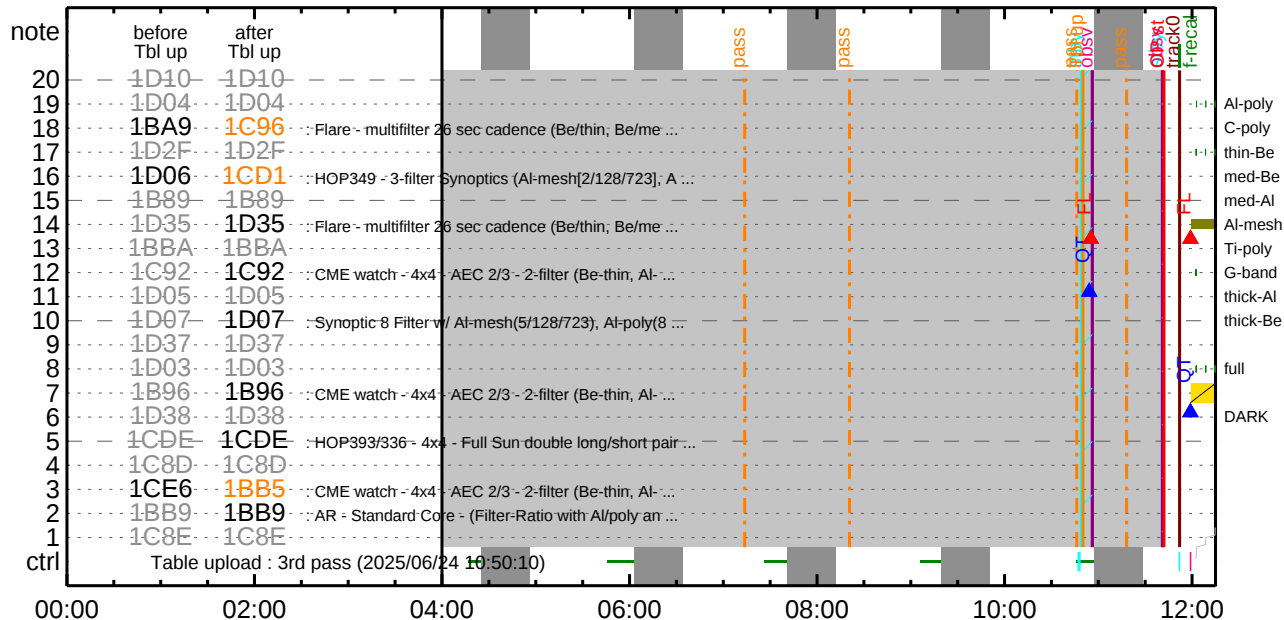
* * * * *

Flare Detection

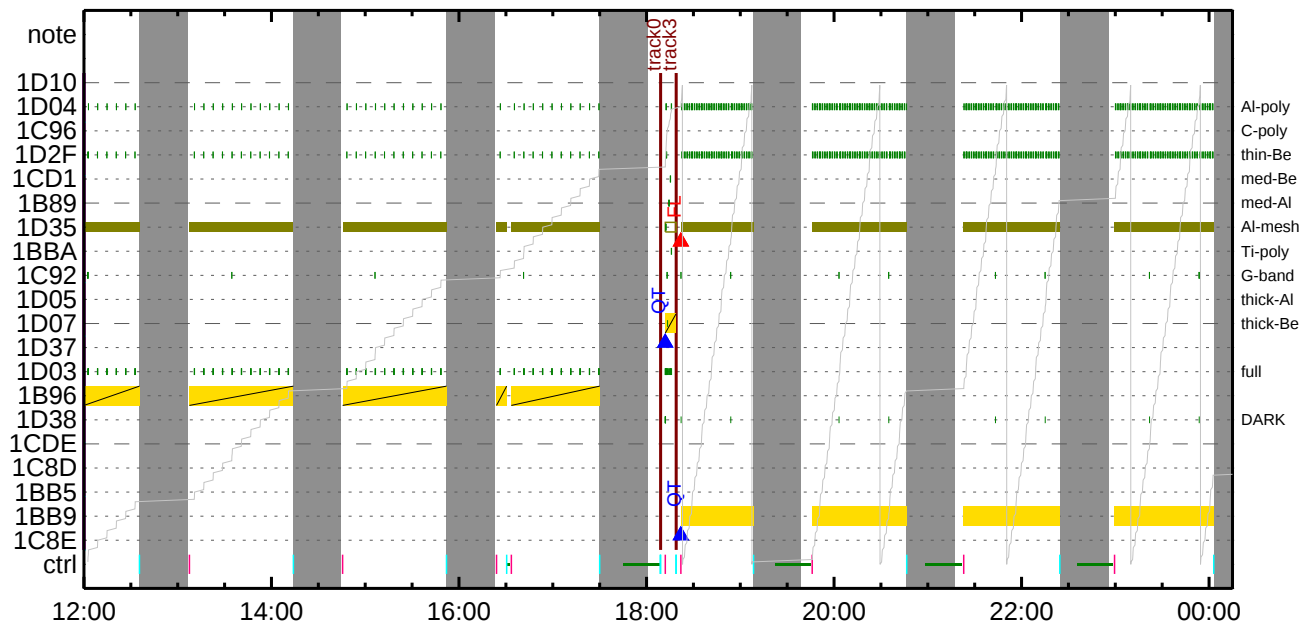
* * * * *

FLD Patrol													
Term				Pointing (x, y)					Comment				
06/24 10:51:10 - 06/24 18:09:18				cannot be identified									
06/24 18:19:18 - 06/25 05:52:48				Track (116.5, -338.5) @ 06/24 18:19:00					AR 14117 & 14118				
06/25 06:02:48 - 06/25 17:47:48				Track (217.9, -338.5) @ 06/25 06:02:30					#AR 14117 & 14118				
06/25 17:57:48 - 06/26 06:06:48				Track (317.8, -338.0) @ 06/25 17:57:30					#AR 14117 & 14118				
06/26 06:16:48 - 06/26 18:06:18				Track (416.3, -337.0) @ 06/26 06:16:30					#AR 14117 & 14118				
06/26 18:16:16 - 06/27 06:38:48				Track (506.4, -335.4) @ 06/26 18:16:00					#AR 14117 & 14118				
06/27 06:48:46 - 06/27 18:07:48				Track (593.1, -333.2) @ 06/27 06:48:30					#AR 14117 & 14118				
06/28 00:00:16 - 06/28 05:51:48				Track (-17.0, -115.8) @ 06/28 00:00:00					HOP393				
06/28 06:01:46 - 06/28 17:46:48				Track (729.1, -327.5) @ 06/28 06:01:30					#AR 14117 & 14118				
06/28 17:56:46 - 06/29 06:05:18				Track (784.9, -323.8) @ 06/28 17:56:30					HOP 508, AR 14117 & 14118				
Al-poly/Open				Al-poly/Open	close	Safe	Norm	4ms	Obs	8x8	Q=50		
Default Filter				Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer Interval

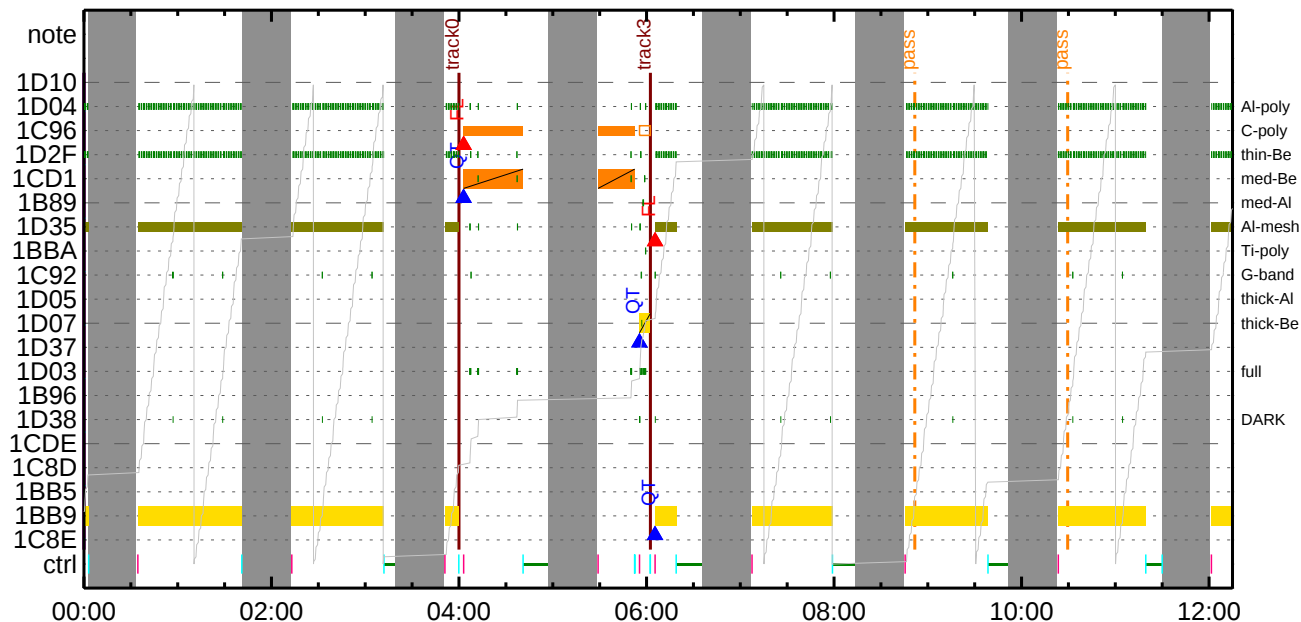
CMDI #0667 2025/06/24



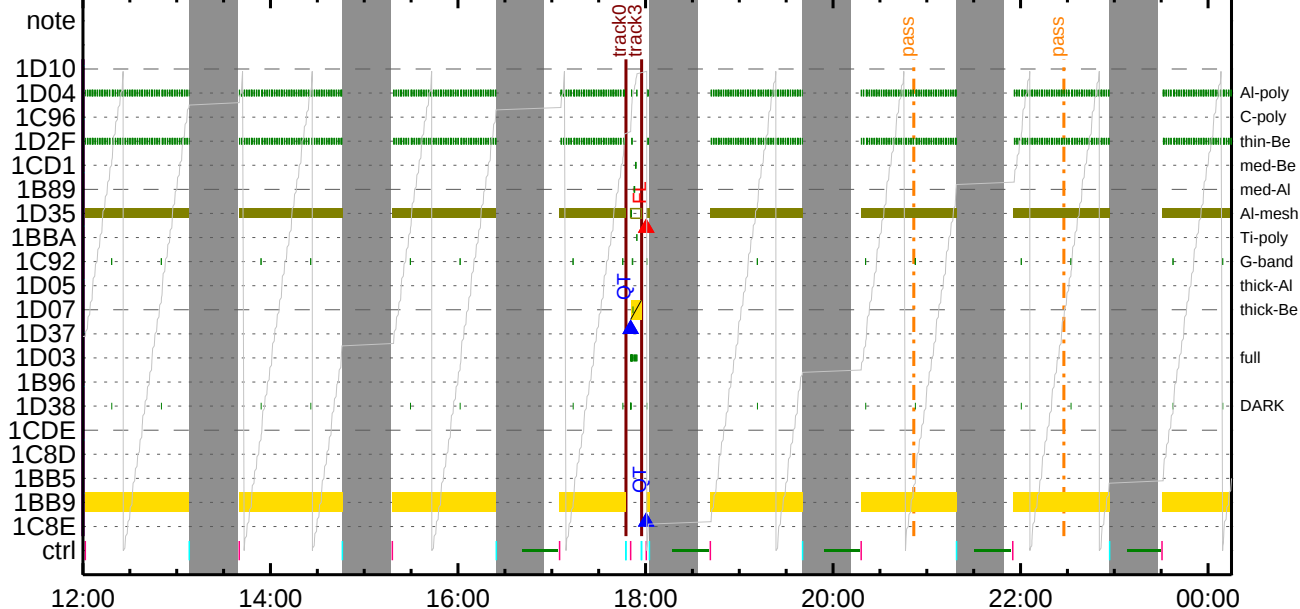
CMDI #0667 2025/06/24



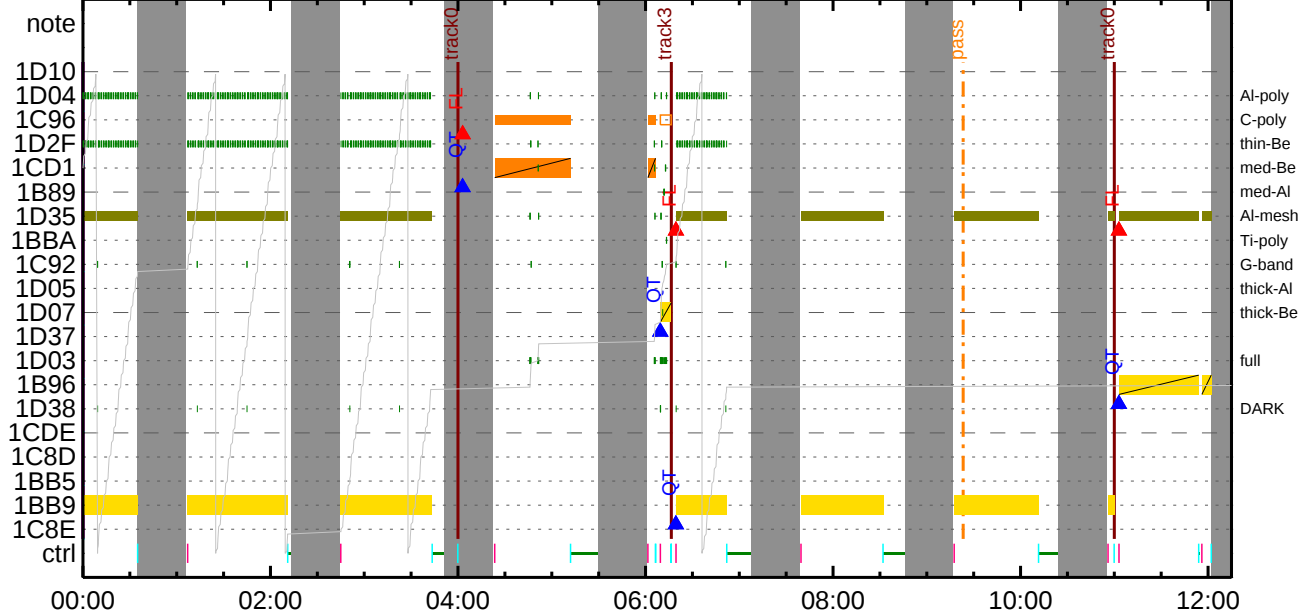
CMDI #0667 2025/06/25



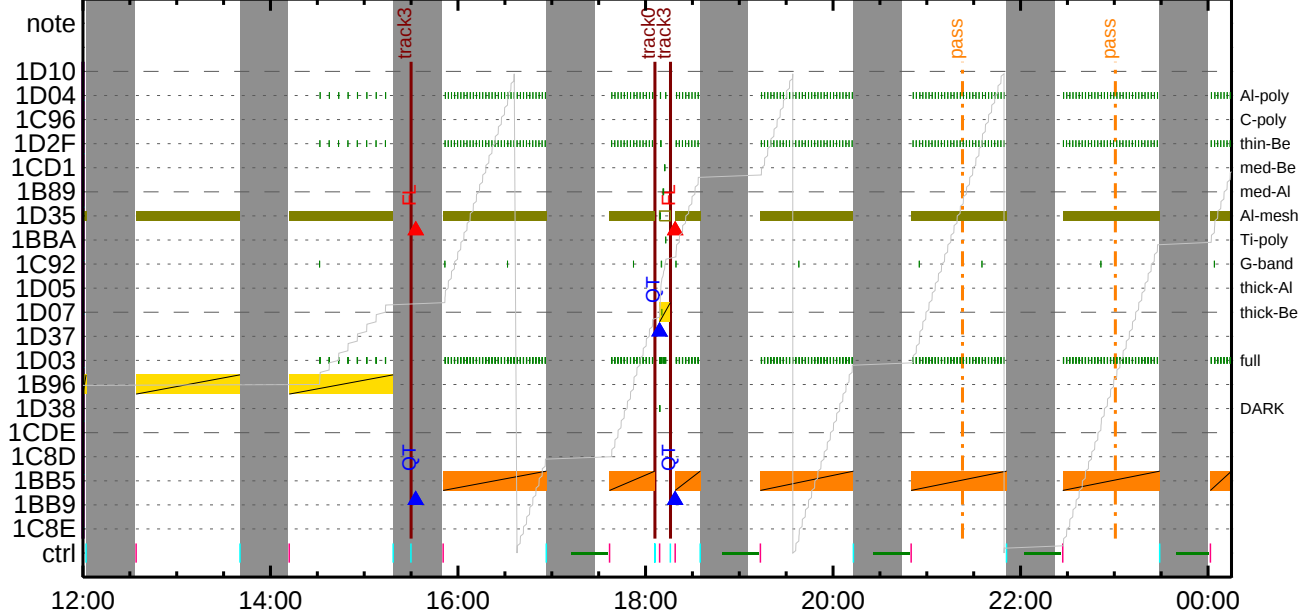
CMDI #0667 2025/06/25



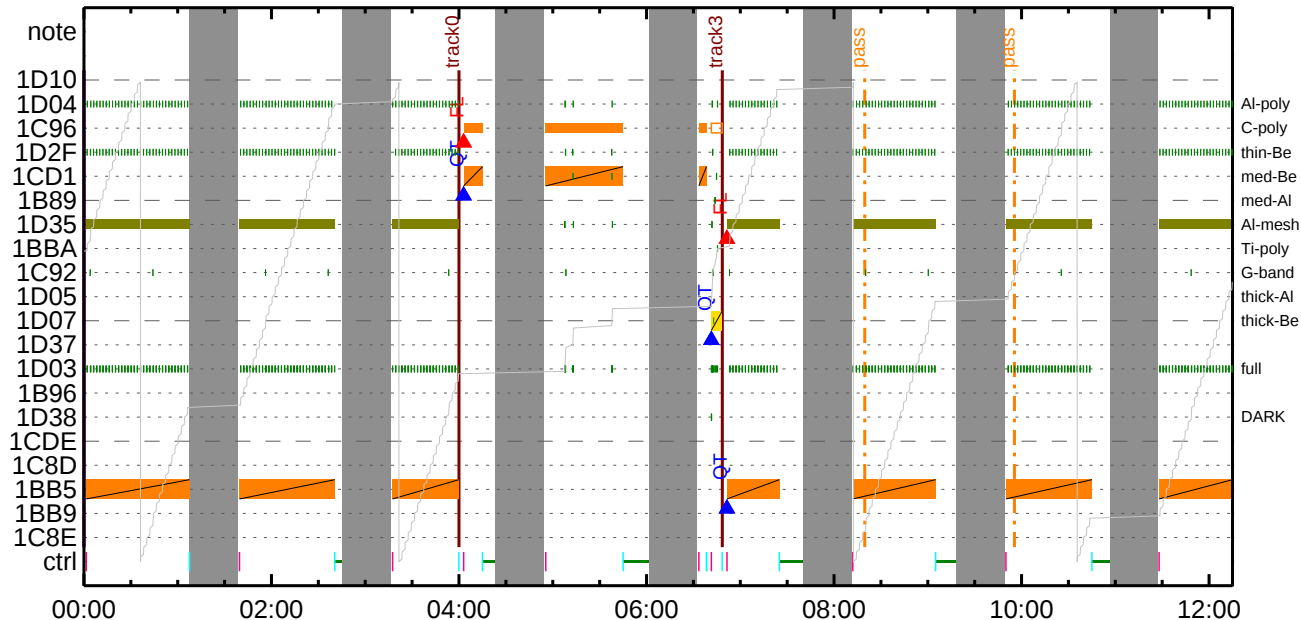
CMDI #0667 2025/06/26



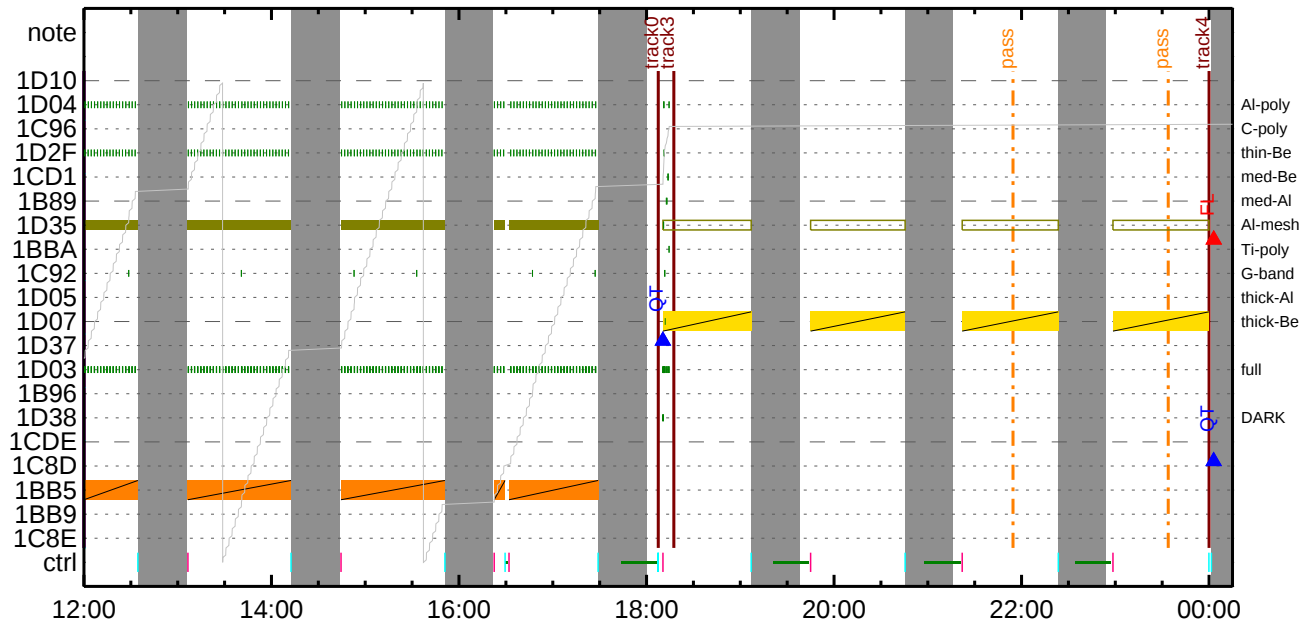
CMDI #0667 2025/06/26



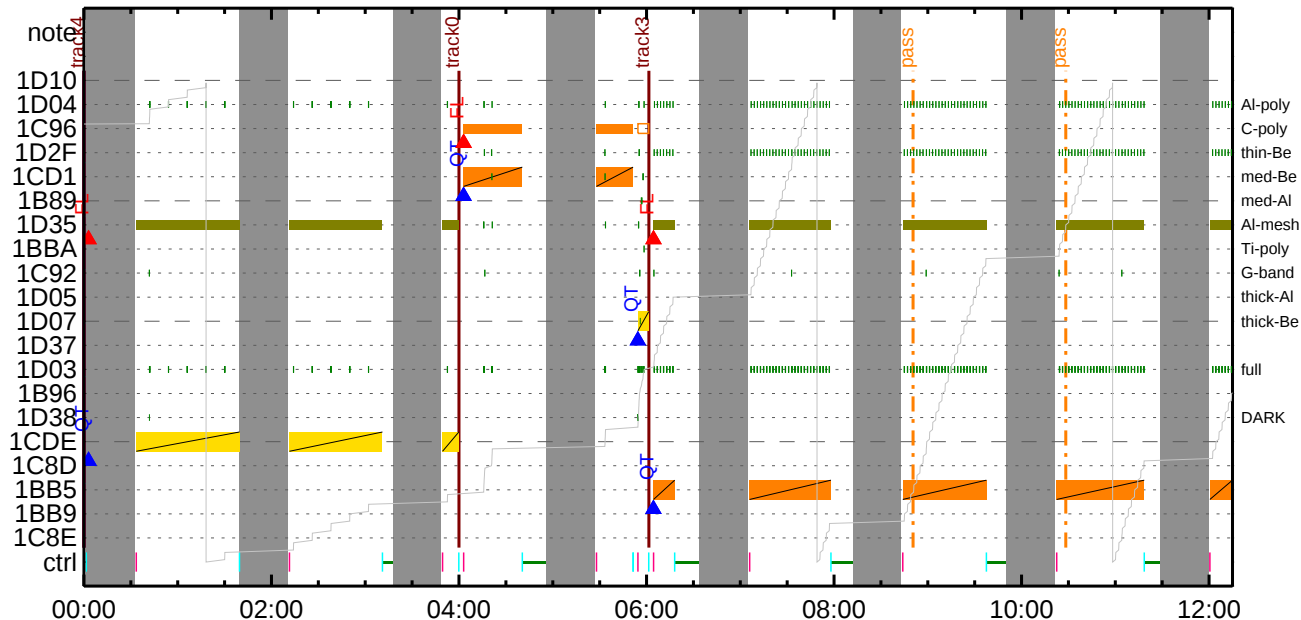
CMDI #0667 2025/06/27



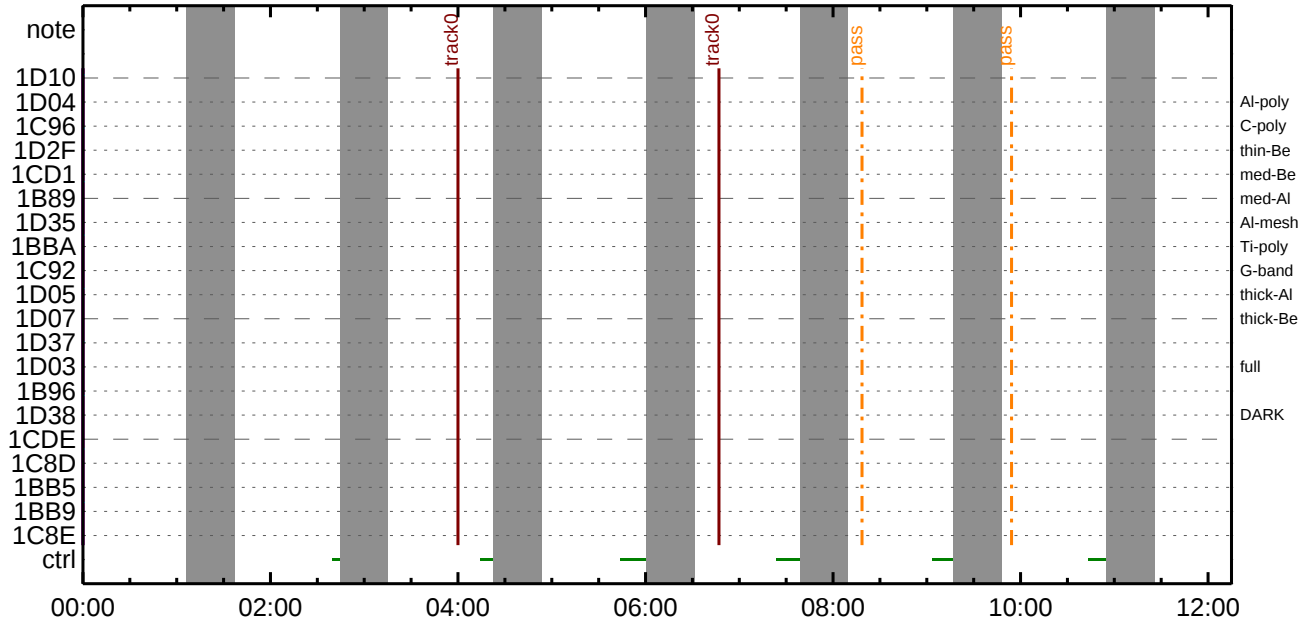
CMDI #0667 2025/06/27



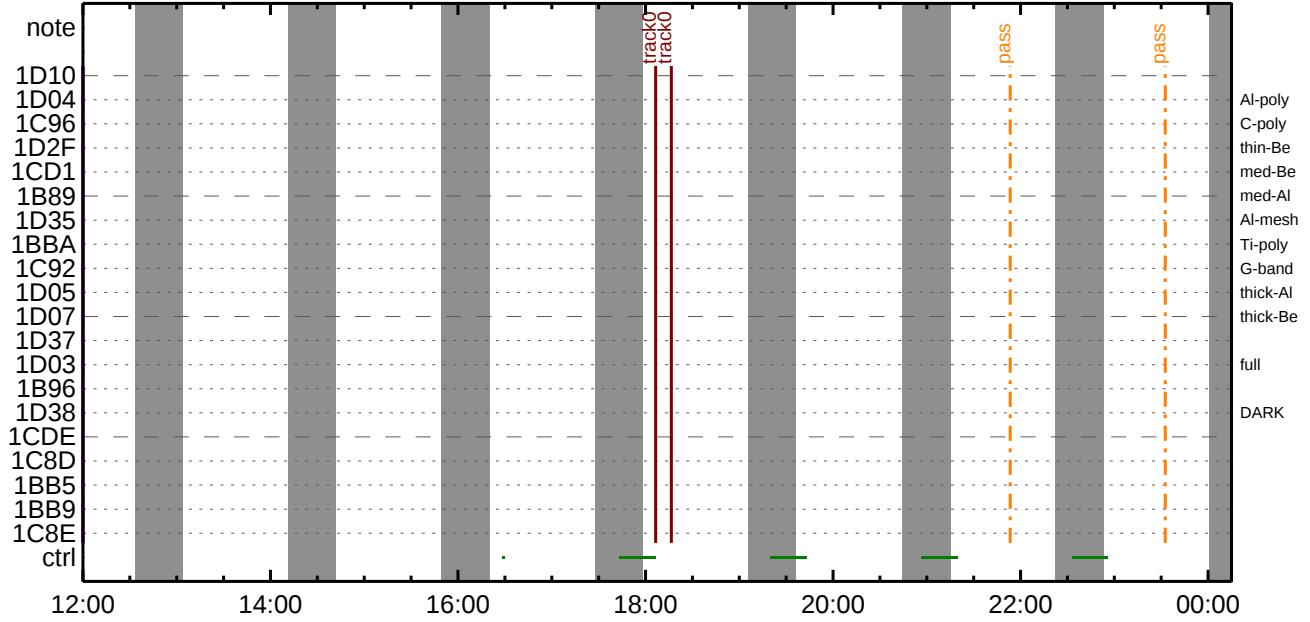
CMDI #0667 2025/06/28



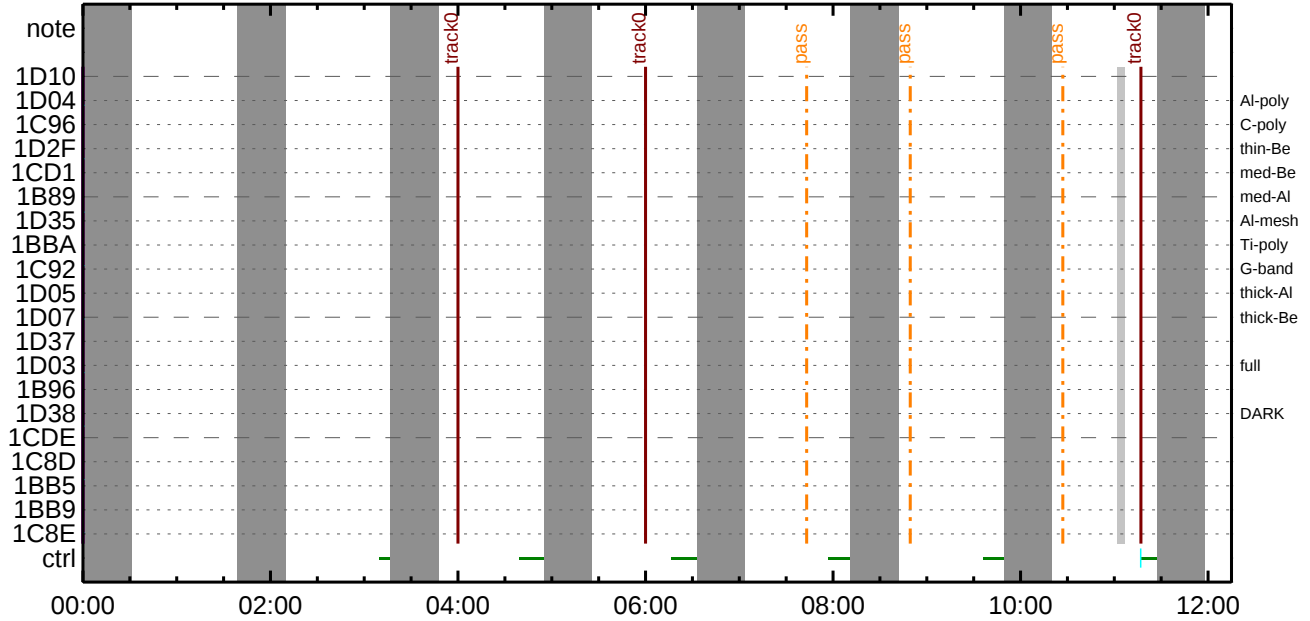
CMDI #0667 2025/06/30



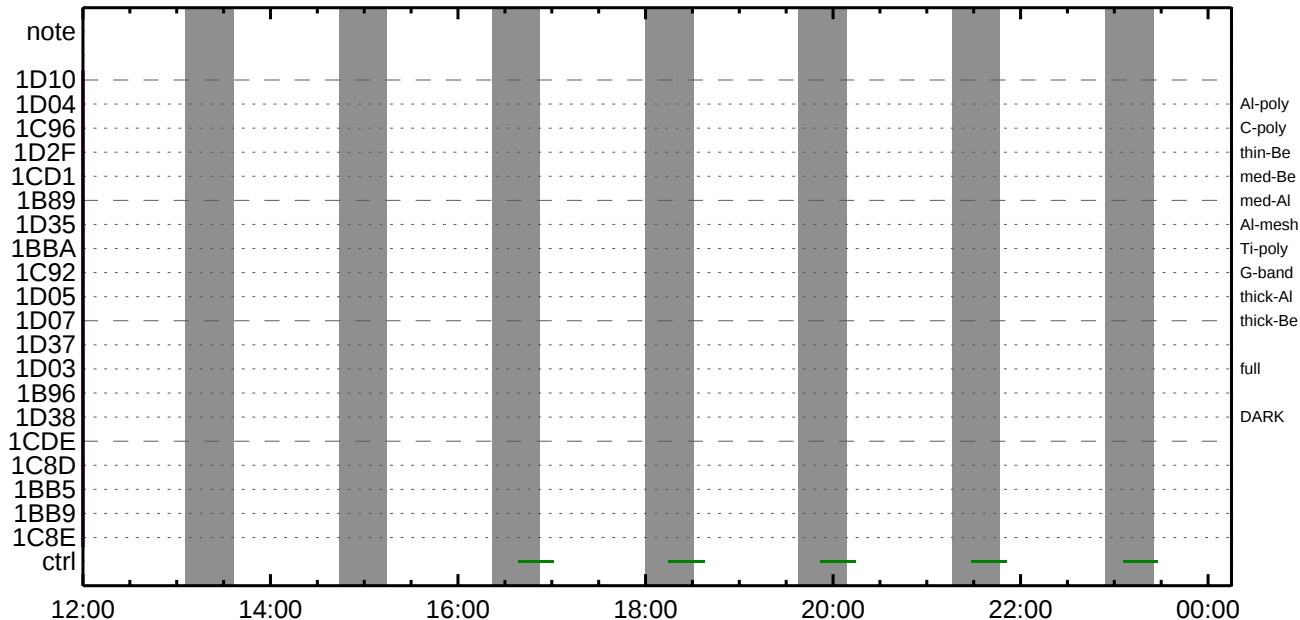
CMDI #0667 2025/06/30



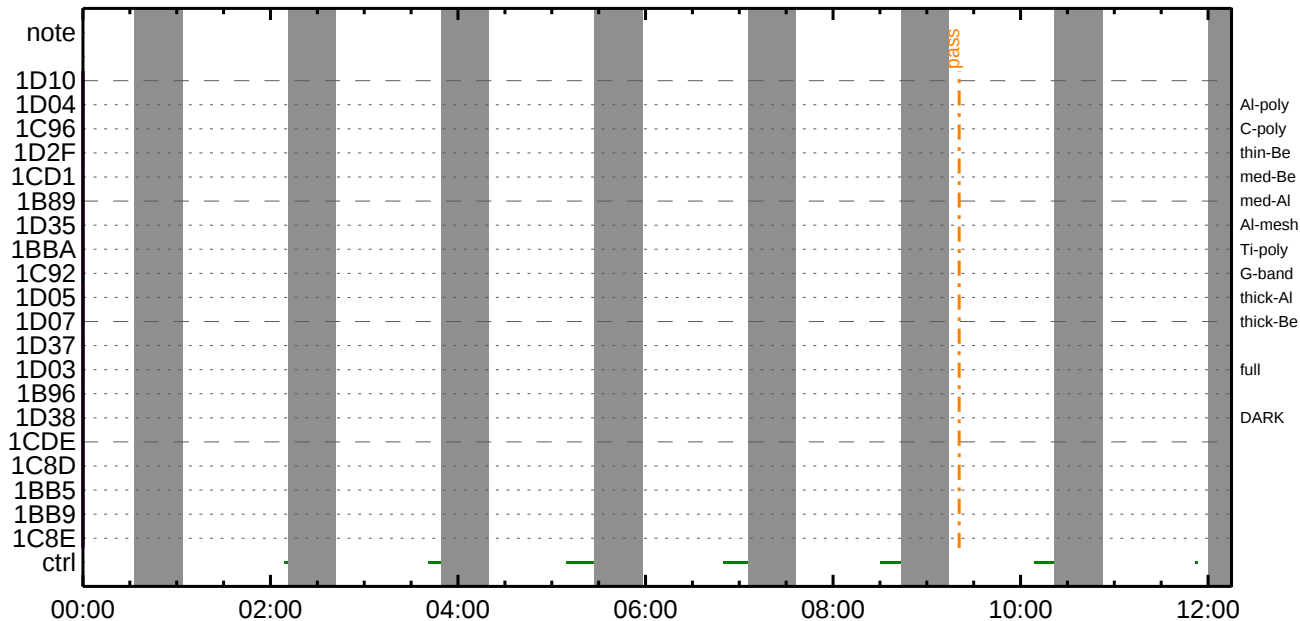
CMDI #0667 2025/07/01



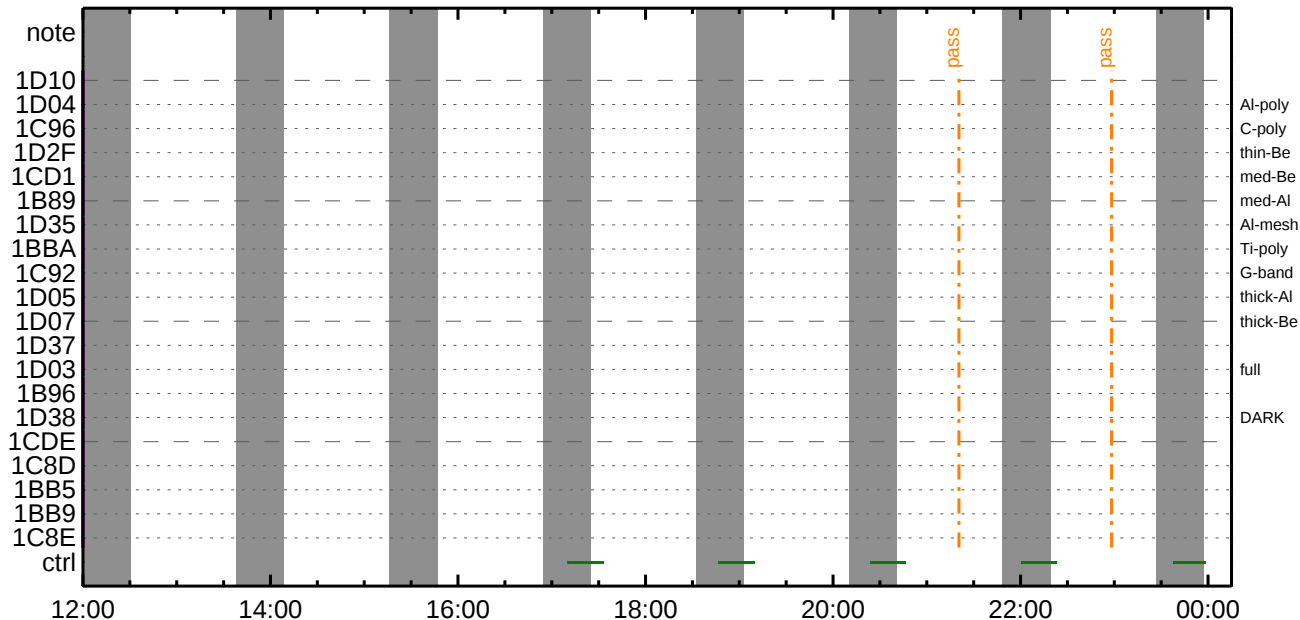
CMDI #0667 2025/07/01



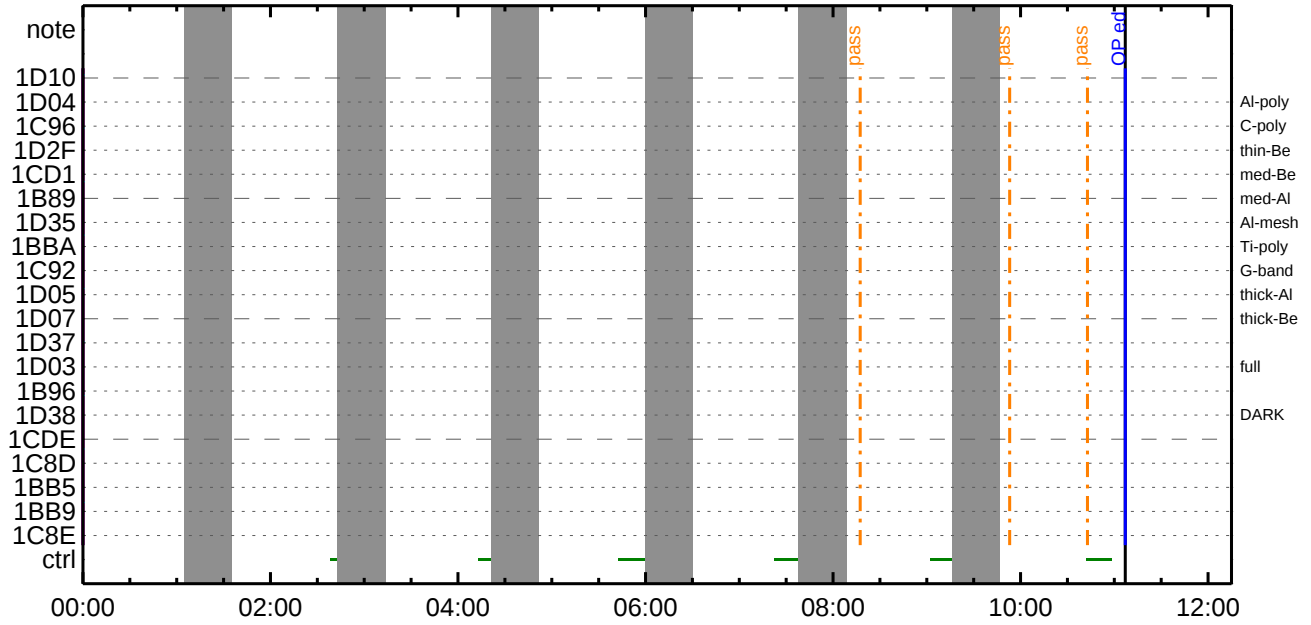
CMDI #0667 2025/07/02



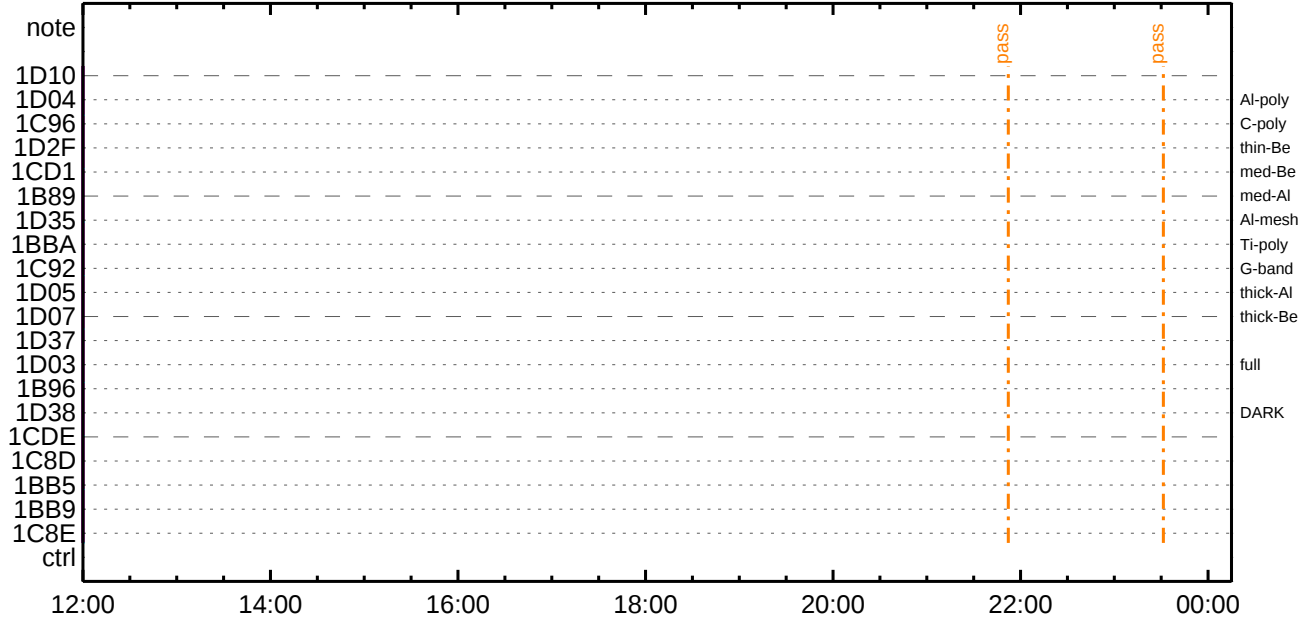
CMDI #0667 2025/07/02



CMDI #0667 2025/07/03



CMDI #0667 2025/07/03



(a) Spacecraft Operation Procedure (real-commands)

```
main-354 2025-06-24 14:12:15 194 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOS¥Á¥$¥Á¥~¼Ä»Ü;ä
0005 C.
0006 C. ¥À¥ß;¼¥³¥Ð¥ó¥ÉÁ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Ë¼¿¼Ä¼•µ°Æ»Í×ÁÇ¼Í¥Ç¥Á¥×¥í;¼¥É;ËËè¼µ•ííË;Ë¼Ë¼°Ç®¼•¼¿¼¹Ç¼Í;ÇÀ®,ù¼¹¼è¼µ¼ÇÁ÷¿®¼•¼Ë¼µ¼³¼È;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. OP/OG¥í;¼¥É;¥Á¥ó¥×
0016 C. *****
0017 C.
0018 . C. ;ãOP/OG¥í;¼¥É;ä
0019 . S. OP op-354:OP
0020 ()
0021 . S. OG og-354:OG
0022 ()
0023 C.
0024 . C. ;ãNMOG&OPíî°è¥Á¥ó¥×;ä
0025 C. NMOG(0x200000-0x207FFF;$ 32 kbyte)
0026 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0027 BC (20 00 7f 01 02)
0028 C. ¢¢[HK1_DMP_TOP_ADRS_1] EQ 40
0029 C. ¢¢[HK1_DMP_TOP_ADRS_0] EQ 0
0030 C. ¢¢[HK1_DMP_BLOCK_NUM] EQ 127
0031 C. ¢¢[HK1_DMP_REPEAT_NUM] EQ 0
0032 C. ¢¢[HK1_DMA_DMP_PIM] EQ DHU
0033 +. DC 01-22 DHU_MODE_CHNG
0034 BC (07 0b f8)
0035 C. ¢¢[HK1_PKT_FORM_NO] EQ 7
0036 C. ¢¢[HK1_PKT_GEN_TIME] EQ 0.25 s
0037 C. ¢¢[HK1_S_TLM_BIT_RATE] EQ 32k
0038 C. ¢¢[HK1_X_TLM_BIT_RATE] EQ 4M
0039 C. ¢¢[HK1_DMP_CHK_FLG] EQ EXEC
0040 . C. ¥À¥ó¥×¼°áî»¼³íÇ$
0041 C. ¢¢[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. ¢¢[HK1_DMP_TOP_ADRS_1] EQ 41
0048 C. ¢¢[HK1_DMP_TOP_ADRS_0] EQ 0
0049 C. ¢¢[HK1_DMP_BLOCK_NUM] EQ 127
0050 C. ¢¢[HK1_DMP_REPEAT_NUM] EQ 0
0051 C. ¢¢[HK1_DMA_DMP_PIM] EQ DHU
0052 +. DC 01-22 DHU_MODE_CHNG
0053 BC (07 0b f8)
0054 C. ¢¢[HK1_PKT_FORM_NO] EQ 7
0055 C. ¢¢[HK1_PKT_GEN_TIME] EQ 0.25 s
0056 C. ¢¢[HK1_S_TLM_BIT_RATE] EQ 32k
0057 C. ¢¢[HK1_X_TLM_BIT_RATE] EQ 4M
0058 C. ¢¢[HK1_DMP_CHK_FLG] EQ EXEC
0059 . C. ¥À¥ó¥×¼°áî»¼³íÇ$
0060 C. ¢¢[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. ¢¢[HK1_DMP_TOP_ADRS_1] EQ 42
0067 C. ¢¢[HK1_DMP_TOP_ADRS_0] EQ 0
0068 C. ¢¢[HK1_DMP_BLOCK_NUM] EQ 65
0069 C. ¢¢[HK1_DMP_REPEAT_NUM] EQ 0
0070 C. ¢¢[HK1_DMA_DMP_PIM] EQ DHU
0071 +. DC 01-22 DHU_MODE_CHNG
0072 BC (07 0b f8)
0073 C. ¢¢[HK1_PKT_FORM_NO] EQ 7
0074 C. ¢¢[HK1_PKT_GEN_TIME] EQ 0.25 s
0075 C. ¢¢[HK1_S_TLM_BIT_RATE] EQ 32k
0076 C. ¢¢[HK1_X_TLM_BIT_RATE] EQ 4M
0077 C. ¢¢[HK1_DMP_CHK_FLG] EQ EXEC
0078 . C. ¥À¥ó¥×¼°áî»¼³íÇ$
0079 C. ¢¢[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°Á¼Ä¼Ç¼°¼¼¬¼¼è¼¼¹Ç¼Ç¼Ä) *****
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. ¢¢[HK1_PKT_FORM_NO] EQ 2
0087 C. ¢¢[HK1_PKT_GEN_TIME] EQ 0.5S
0088 C. ¢¢[HK1_S_TLM_BIT_RATE] EQ 32K
0089 C. ¢¢[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.	SET EDUMP I± iYÑY¹C¹Ô±;³E;f		
0097	C.			
0098	C.	TIY³YDYOÉEòÄDİ; (UT)		
0099	+	TI 2025-06-24 11:37:00.0		
0100	DC	01-B3 DHU_OP_STOP		
0101	C.	¢¢[HK1_TI_CMD_NUM]	EQ	1COUNTUP
0102	C.			
0103	+	TI 2025-06-24 11:37:01.0		
0104	DC	01-B4 DHU_OP_COPY		
0105	C.	¢¢[HK1_TI_CMD_NUM]	EQ	1COUNTUP
0106	C.			
0107	+	TI 2025-06-24 11:37:01.0		
0108	DC	01-B5 DHU_OPOG_COPY		
0109	C.	¢¢[HK1_TI_CMD_NUM]	EQ	1COUNTUP
0110	C.			
0111	+	TI 2025-06-24 11:41:59.5		
0112	DC	01-B2 DHU_OP_START		
0113	C.	¢¢[HK1_TI_CMD_NUM]	EQ	1COUNTUP
0114	C.			
0115	C.	°Ê²¼±İÄè¼İİÑ±İYÄY\$YÄY¹¹äiÜ		
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.	TIİİ°èYÄYOY×		
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.	YÄYOY×½¹İ»±ò³İÇ\$		
0142	C.	¢¢[HK1_DMP_CHK_FLG]	EQ	NON
0143	C.			
0144	C.	RAM ID=TI_TBL±İ¼È¹Ç•è²İOK±ò³İÇ\$		
0145	C.			
0146	C.	DHUYâ;¼YÈ;È¼Y½,Yİ;¼YÈ;È±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 2025-06-24 11:41:30.0		
0161	DC	07-FC EIS_MODE_MANU		
0162	BC	(21 02)		
0163	+	TI 2025-06-24 11:41:40.0		
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 2025-06-24 11:41:00.0		
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 'GÄİ±İ»ö¼Y±EÄD±¹±èDCBC•×²è *****		
0181	C.	(¼Ä°İYÖYÄYÈYDYEYÄYÇYè±E½¼±¼Ä»Ü±¹±è)		
0182	S.	DC-BC dcbc-402:DCBC		
0183		(MDP_known_event)		
0184	C.			
0185	C.			
0186	C.	***** YDY¹•İ Daily±İİÑ±E'Ø±¹±èDCBC•×²è *****		
0187	S.	DC-BC dcbc-153:DCBC		
0188		(SPECIAL-CMD_DAILY_OPERATIN_DCB)		
0189	C.			
0190	C.			
0191	C.	;äLOSYÄY\$YÄY¹¹Ä»Ü;ä		


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main-355 2025-06-24 14:12:15 178 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®,ùñ¹ñèñÞñÇÄ÷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×ÈÝñäLOSñÞñÇñÎ»Þ'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. XŲÐŲóŲÉŲíŲÃŲ~¾ÔÄÖñ¬°ÄÄèñ•ñççé;ç°Ê²¼ñî°EÄ,¼ê½Çñò¼Ä¹Öñ¹ñè;£
0030 C.
0031 . C. *****
0032 C. DR PT1 Äî¼í°EÄ,
0033 C. *****
0034 C. ° RESTART;ÊPT1;Ëñ•ñçç¼¹¹Çñİ;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•ñçç,ã;ç°Ê²¼ñò¼Ä¹Öñ¹ñè;£
0055 C. ŲçŲóŲEŲEŲÄÚÂØñäÄ•Ä°²öÈòñ¬¼áñ¼¹¹Çñİ'°î»ñ¹ñèñÞñÇÄÖñÄ;£
0056 C.
0057 . C. *****
0058 C. DR PT2 Äî¼í°EÄ,
0059 C. *****
0060 C. ° RESTART;ÊPT2;Ëñ•ñçç¼¹¹Çñİ;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
```

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0096 C.
0097 C.
0098 . C. ***** AOCS Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ()
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE 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. ***** AOCS Commands (Orbital Element Update) *****
0130 C. Update the orbital element
0131 +. DC 02-50 AOCU_ORB_PRPGT_START
0132 BC (16)
0133 +. DC 02-8E AOCU_ORB_UPD
0134 C.
0135 C. <A_ORB>[ORBIT] EPC = 4185241.3 +- 1.0 (s) [ ]
0136 C.
0137 C.
0138 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0139 +. DC 07-FC EIS_MODE_CHG_ENA
0140 BC (20)
0141 . C. Verify EIS_MODE_CHG_FLG is ENA
0142 +. DC 07-FC EIS_MODE_MANU
0143 BC (21 02)
0144 . C. Verify EIS in MANUAL mode
0145 . C. Estimated OBSTBL upload time is 0ms
0146 C. *****
0147 C. EIS START OBSTBL LOAD
0148 C. *****
0149 . S. RAM ram-821:EIS_OBSTBL
0150 ()
0151 +. DC 07-FC EIS_DUMP_OBSTBL
0152 BC (07 07 07 00 00 70 00)
0153 C.
0154 C. Execute, after the success of OBSTBL upload.
0155 C. Set EIS TI-commands
0156 +. TI 2025-06-24 11:41:50.0
0157 DC 07-FC EIS_MODE_CHG_ENA
0158 BC (20)
0159 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0160 C. *****
0161 C. EIS END OBSTBL LOAD
0162 C. *****
0163 C.
0164 . C. ***** MDP 'ûÃîî»ö¼ÝñÊÄñ¹ñëDCBC•×²è *****
0165 C. (¾å°î¥Ó¥Å¥Ê¥Ð¥Ê¥Å¥Ç¥ÊñÊ¼ñ¼Å»Û¹ñë)
0166 . S. DC-BC dcbc-402:DCBC
0167 (MDP_known_event)
0168 C.
0169 C.
0170 . C. ***** ¥Ð¥¹•İ Daily±¿ÍÑñÊ'Øñ¹ñëDCBC•×²è *****
0171 . S. DC-BC dcbc-153:DCBC
0172 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0173 C.
0174 C.
0175 . C. ;ãLOS¥Á¥S¥Ã¥¹¼Å»Û;ä
0176 C.
0177 . C. ***** LOS *****
0178 C.

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(a) Spacecraft Operation Procedure (real-commands)

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main-356 2025-06-24 14:12:15 100 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;āAOSŸÁŸ$ŸÄŸ~¼Ä»Ü;ä
0005 C.
0006 C. ŸÄŸß;¼Ÿ³ŸDŸóŸÉÁ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Āí;Ēñ¿ñÄñ•µ°Ēñİ×ÄÇñİŸçŸÄŸ×Ÿí;¼ŸÉ;ĒĒè½µ•íİĒ;ĒñĒ¼°ÇÖñ•ñ¿¼ı¹Çñİ;ÇÄ®,ùñ¹ñĒñDñÇÄ÷¿®ñ•ñĒñññ³ñĒ;ñ
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 +. DC 07-F0 MDP_XRT_CTRL_MANU
0020 BC (c1)
0021 +. DC 07-F0 MDP_XRT_MODE_STBY
0022 BC (c3)
0023 . C. ----- Success Verify ? OK / NG____
0024 C.
0025 C. XRT Obs. Table Upload
0026 . S. RAM ram-291:MDP_OBS_X
0027 ()
0028 C.
0029 +. DC 07-F0 MDP_DUMP_XRTTBL
0030 BC (84 07 00 00 00 3a d4)
0031 . C. ----- Comparison Check ? OK / ERR ____
0032 C.
0033 C.
0034 +. DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 01 b1 b1 04 04)
0036 +. DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 02 b1 b1 08 08)
0038 +. DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 03 b1 b1 08 08)
0040 +. DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 04 b1 b1 06 06)
0042 +. DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 05 85 83 06 06)
0044 +. DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 06 80 80 08 08)
0046 +. DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 07 80 80 20 20)
0048 +. DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 08 80 80 20 08)
0050 +. DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 09 80 80 08 20)
0052 +. DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0a 85 83 06 06)
0054 +. DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0f 80 80 06 06)
0056 +. DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 10 80 80 08 08)
0058 +. DC 07-F0 MDP_XRT_FLD_ENA
0059 BC (d8)
0060 +. DC 07-F0 MDP_XRT_FLRCTRL_ENA
0061 BC (c8)
0062 +. DC 07-F0 MDP_XRT_ARS_DIS
0063 BC (d5)
0064 +. DC 07-F0 MDP_XRT_AEC_RESET
0065 BC (d0)
0066 +. DC 07-F0 MDP_XRT_FLD_RESET
0067 BC (da)
0068 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0069 BC (c4 0c)
0070 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0071 BC (c5 0e)
0072 . C. ----- Success Verify ? OK / NG ____
0073 C.
0074 C.
0075 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0076 C.
0077 +. DC 07-F0 MDP_XRT_MODE_OBSV
0078 BC (c2)
0079 +. TI 2025-06-24 11:41:02.0
0080 DC 07-F0 MDP_XRT_MODE_OBSV
0081 BC (c2)
0082 . C. ----- Success Verify ? OK / NG ____
0083 C.
0084 C. ***** XRT END *****
0085 C.
0086 . C. ***** MDP ´ġĀİñİ»ö¼ŸñĒĒÄDñ¹ñĒDCBC•×²è *****
0087 C. (¼ā°İŸóŸĀŸĒŸDŸŸĒŸĒŸāŸçŸŸĒĒĒĒ¼¼ññ¼Äñ»Üñ¹ñĒ)
0088 . S. DC-BC dcbbc-402:DCBC
0089 (MDP_known_event)
0090 C.
0091 C.
0092 . C. ***** ŸDŸ¹•İ Daily÷¿İññĒ´Øñ¹ñĒDCBC•×²è *****
0093 . S. DC-BC dcbbc-153:DCBC
0094 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0095 C.
```

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

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main-357 2025-06-24 14:12:15 29 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŸÁŸSŸÃŸ~¼Â»Û;ä
0005 C.
0006 C. ŸÀŸß;¼Ÿ³ŸÐŸóŸÉÁ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Äí;È±¿²µ°E»Í×ÅÇ±ÎŸçŸÄŸ×Ÿí;¼ŸÊ;ÈÈè½µ•îíÊ;È±Ê¼°ÇÔ±•±¿¾¹Ç±İ;çÀ®,ù±¹±è±£±ÇÁ÷¿®±•±Ê±±±³±È;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 . C. ***** MDP ´ûÄÎ±Î»ö¾Ÿ±ÈÊÐ±¹±èDCBC•×²è *****
0016 C. (¾â°ìŸÖŸÄŸÊŸÐŸÈŸÄŸçŸè±È¾¾±¼Â»Û±¹±é)
0017 . S. DC-BC dcbc-402:DCBC
0018 (MDP_known_event)
0019 C.
0020 C.
0021 . C. ***** ŸÐŸ¹•İ Daily±¿İÑ±È´Ø±¹±èDCBC•×²è *****
0022 . S. DC-BC dcbc-153:DCBC
0023 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0024 C.
0025 C.
0026 . C. ;ãLOSŸÁŸSŸÃŸ~¼Â»Û;ä
0027 C.
0028 . C. ***** LOS *****
0029 C.
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*** OP Sequence for XRT ***

2025/06/24	11:51:54.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/24	11:51:56.0	XRT_FOCUS_RECALIBRATE_407_OG [0x197]		
		XRT_FOCUS_RECAL	2	07-F8 78 00
2025/06/24	11:52:00.0	AOCS_ORe-point_Start_1_OG [0x097]		
		AOCU_NM	5	02-76 00 bf 65 01 81
2025/06/24	11:55:56.0	XRT_FOCUS_POSITION_406_OG [0x196]		
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2025/06/24	11:56:16.0	XRT_FLD_ENA_411_OG [0x19b]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2025/06/24	11:56:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2025/06/24	11:56:20.0	XRT_AEC_RESET_448_OG [0x1c0]		
		MDP_XRT_AEC_RESET	1	07-F0 d0
2025/06/24	11:56:22.0	XRT_ARS_DIS_423_OG [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2025/06/24	11:56:24.0	XRT_FLD_RESET_446_OG [0x1be]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/06/24	11:58:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 07
2025/06/24	11:58:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0e
2025/06/24	11:59:00.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/06/24	12:35:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/24	12:35:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/06/24	12:35:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/06/24	12:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/06/24	13:06:30.0	XRT_Custom_430_OG [0x1ae]		
2025/06/24	13:07:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/06/24	14:14:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/24	14:14:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/06/24	14:14:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/06/24	14:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/06/24	14:44:30.0	XRT_Custom_430_OG [0x1ae]		
2025/06/24	14:45:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/06/24	15:52:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/24	15:52:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/06/24	15:52:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/06/24	15:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/06/24	16:23:00.0	XRT_Custom_430_OG [0x1ae]		
2025/06/24	16:24:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/06/24	16:30:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/24	16:30:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/06/24	16:30:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/06/24	16:32:30.0	XRT_Custom_430_OG [0x1ae]		
2025/06/24	16:33:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/06/24	16:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/06/24	17:30:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/24	17:30:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/06/24	17:30:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/06/24	17:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/06/24	18:08:54.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/24	18:08:56.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/24	18:08:58.0	XRT_FOCUS_POSITION_406_OG [0x196]		
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2025/06/24	18:09:00.0	AOCS_ORe-point_Start_2_OG [0x098]		
		AOCU_NM	5	02-76 00 00 00 00 00
2025/06/24	18:09:18.0	XRT_FLD_DIS_409_OG [0x199]		
		MDP_XRT_FLD_DIS	1	07-F0 d9
2025/06/24	18:09:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]		
		MDP_XRT_FLRCTRL_DIS	1	07-F0 c9
2025/06/24	18:09:22.0	XRT_ARS_DIS_435_OG [0x1b3]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2025/06/24	18:11:58.0	XRT_QT_PROG_SET_440_OG [0x1b8]		

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2025/06/24	18:12:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a
2025/06/24	18:18:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/24	18:18:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/24	18:18:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/24	18:19:00.0	AOCS_ORe-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2025/06/24	18:19:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	03	06 97 01 81
2025/06/24	18:19:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2025/06/24	18:19:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2025/06/24	18:19:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2025/06/24	18:19:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/06/24	18:21:56.0	XRT_QT_PROG_SET_437_OG [0x1b5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/24	18:21:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02
2025/06/24	18:22:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2025/06/24	19:08:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/24	19:08:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/24	19:08:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/24	19:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/06/24	19:45:01.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/06/24	19:46:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2025/06/24	20:46:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/24	20:46:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/24	20:46:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/24	20:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/06/24	21:22:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/06/24	21:23:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2025/06/24	22:24:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/24	22:24:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/24	22:24:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/24	22:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/06/24	22:58:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/06/24	22:59:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2025/06/25	00:03:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/25	00:03:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/25	00:03:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/25	00:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/06/25	00:33:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/06/25	00:34:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2025/06/25	01:41:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/25	01:41:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/25	01:41:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/25	01:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/06/25	02:12:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/06/25	02:13:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2025/06/25	03:12:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/25	03:12:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/25	03:12:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/25	03:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/06/25	03:50:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/06/25	03:51:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	

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2025/06/25	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/25	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/06/25	04:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00
2025/06/25	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2025/06/25	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/06/25	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2025/06/25	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/06/25	04:00:24.0	XRT_FLD_RESET_446_OG [0x1be]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/25	04:02:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2025/06/25	04:02:58.0	XRT_FL_PROG_SET_445_OG [0x1bd]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 12
2025/06/25	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/25	04:41:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/25	04:41:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/25	04:41:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/25	04:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/25	05:28:00.0	XRT_Custom_430_OG [0x1ae]				
2025/06/25	05:29:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/25	05:52:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/25	05:52:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/25	05:52:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/06/25	05:52:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2025/06/25	05:52:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/06/25	05:52:52.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/06/25	05:55:28.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2025/06/25	05:55:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/25	06:02:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/25	06:02:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/25	06:02:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/06/25	06:02:30.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	03 06 97 01 81
2025/06/25	06:02:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2025/06/25	06:02:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/06/25	06:02:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2025/06/25	06:02:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/06/25	06:02:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/25	06:05:26.0	XRT_QT_PROG_SET_437_OG [0x1b5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2025/06/25	06:05:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/06/25	06:05:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/25	06:19:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/25	06:19:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/25	06:19:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/25	06:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/25	07:06:30.0	XRT_Custom_430_OG [0x1ae]				
2025/06/25	07:07:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/25	07:59:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/25	07:59:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/25	07:59:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/25	08:02:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/25	08:44:30.0	XRT_Custom_430_OG [0x1ae]				

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2025/06/25	08:45:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/25	09:38:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/25	09:38:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/25	09:38:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/25	09:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/25	10:22:30.0	XRT_Custom_430_OG [0x1ae]			
2025/06/25	10:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/25	11:19:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/25	11:19:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/25	11:19:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/25	11:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/25	11:30:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/25	11:30:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/25	11:30:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/25	11:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/25	12:00:30.0	XRT_Custom_430_OG [0x1ae]			
2025/06/25	12:01:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/25	13:08:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/25	13:08:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/25	13:08:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/25	13:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/25	13:39:00.0	XRT_Custom_430_OG [0x1ae]			
2025/06/25	13:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/25	14:46:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/25	14:46:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/25	14:46:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/25	14:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/25	15:17:00.0	XRT_Custom_430_OG [0x1ae]			
2025/06/25	15:18:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/25	16:24:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/25	16:24:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/25	16:24:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/25	16:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/25	17:04:00.0	XRT_Custom_430_OG [0x1ae]			
2025/06/25	17:05:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/25	17:47:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/25	17:47:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/25	17:47:28.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/06/25	17:47:30.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/06/25	17:47:48.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2025/06/25	17:47:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/06/25	17:47:52.0	XRT_ARS_DIS_435_OG [0x1b3]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/06/25	17:50:28.0	XRT_QT_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2025/06/25	17:50:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/25	17:57:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/25	17:57:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/25	17:57:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/06/25	17:57:30.0	AOCS_ORe-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	03 06 97 01 81
2025/06/25	17:57:48.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8

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2025/06/25	17:57:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/06/25	17:57:52.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/06/25	17:57:54.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/06/25	17:57:56.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/25	18:00:26.0	XRT_QT_PROG_SET_437_OG [0x1b5]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2025/06/25	18:00:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/06/25	18:00:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/25	18:02:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/25	18:02:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/25	18:02:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/25	18:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/25	18:40:30.0	XRT_Custom_430_OG [0x1ae]			
2025/06/25	18:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/25	19:40:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/25	19:40:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/25	19:40:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/25	19:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/25	20:17:00.0	XRT_Custom_430_OG [0x1ae]			
2025/06/25	20:18:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/25	21:19:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/25	21:19:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/25	21:19:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/25	21:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/25	21:54:00.0	XRT_Custom_430_OG [0x1ae]			
2025/06/25	21:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/25	22:57:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/25	22:57:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/25	22:57:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/25	23:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/25	23:29:30.0	XRT_Custom_430_OG [0x1ae]			
2025/06/25	23:30:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/26	00:35:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/26	00:35:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/26	00:35:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/26	00:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/26	01:06:00.0	XRT_Custom_430_OG [0x1ae]			
2025/06/26	01:07:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/26	02:11:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/26	02:11:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/26	02:11:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/26	02:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/26	02:44:00.0	XRT_Custom_430_OG [0x1ae]			
2025/06/26	02:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/26	03:43:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/26	03:43:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/26	03:43:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/26	03:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/26	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/26	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/06/26	04:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]			

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2025/06/26	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	5	02-76 00 00 00 00 00
		MDP_XRT_FLD_ENA	1	07-F0 d8
2025/06/26	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	1	07-F0 c8
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2025/06/26	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	1	07-F0 d0
		MDP_XRT_AEC_RESET	1	07-F0 d0
2025/06/26	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	1	07-F0 d5
		MDP_XRT_ARS_DIS	1	07-F0 d5
2025/06/26	04:00:24.0	XRT_FLD_RESET_446_OG [0x1be]	1	07-F0 da
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/06/26	04:02:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]	2	07-F0 c4 10
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 10
2025/06/26	04:02:58.0	XRT_FL_PROG_SET_445_OG [0x1bd]	2	07-F0 c5 12
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 12
2025/06/26	04:22:30.0	XRT_Custom_430_OG [0x1ae]		
2025/06/26	04:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0 c0
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/06/26	05:12:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/26	05:12:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0 da
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/06/26	05:12:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	1	07-F0 e8
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/06/26	05:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0 e9
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/06/26	06:00:30.0	XRT_Custom_430_OG [0x1ae]		
2025/06/26	06:01:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0 c0
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/06/26	06:06:24.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/26	06:06:26.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/26	06:06:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	4	07-F8 22 ff aa 00
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2025/06/26	06:06:48.0	XRT_FLD_DIS_409_OG [0x199]	1	07-F0 d9
		MDP_XRT_FLD_DIS	1	07-F0 d9
2025/06/26	06:06:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	1	07-F0 c9
		MDP_XRT_FLRCTRL_DIS	1	07-F0 c9
2025/06/26	06:06:52.0	XRT_ARS_DIS_435_OG [0x1b3]	1	07-F0 d5
		MDP_XRT_ARS_DIS	1	07-F0 d5
2025/06/26	06:09:28.0	XRT_QT_PROG_SET_440_OG [0x1b8]	2	07-F0 c4 0a
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 0a
2025/06/26	06:09:30.0	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0 c0
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/06/26	06:16:24.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/26	06:16:26.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/26	06:16:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	4	07-F8 22 fe 97 00
		XRT_FOCUS_POSITION	4	07-F8 22 fe 97 00
2025/06/26	06:16:30.0	AOCs_Or-point_Start_3_OG [0x099]	5	02-76 03 06 97 01 81
		AOCU_NM	5	02-76 03 06 97 01 81
2025/06/26	06:16:48.0	XRT_FLD_ENA_411_OG [0x19b]	1	07-F0 d8
		MDP_XRT_FLD_ENA	1	07-F0 d8
2025/06/26	06:16:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	1	07-F0 c8
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2025/06/26	06:16:52.0	XRT_AEC_RESET_448_OG [0x1c0]	1	07-F0 d0
		MDP_XRT_AEC_RESET	1	07-F0 d0
2025/06/26	06:16:54.0	XRT_ARS_DIS_423_OG [0x1a7]	1	07-F0 d5
		MDP_XRT_ARS_DIS	1	07-F0 d5
2025/06/26	06:16:56.0	XRT_FLD_RESET_434_OG [0x1b2]	1	07-F0 da
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/06/26	06:19:26.0	XRT_QT_PROG_SET_437_OG [0x1b5]	2	07-F0 c4 02
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 02
2025/06/26	06:19:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	2	07-F0 c5 0e
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0e
2025/06/26	06:19:30.0	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0 c0
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/06/26	06:52:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/26	06:52:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0 da
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/06/26	06:52:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	1	07-F0 e8
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/06/26	06:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0 e9
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/06/26	07:38:30.0	XRT_Custom_430_OG [0x1ae]		
2025/06/26	07:39:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0 c0
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/06/26	08:32:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/26	08:32:02.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0 da
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/06/26	08:32:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	1	07-F0 e8
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/06/26	08:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0 e9
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/06/26	09:16:30.0	XRT_Custom_430_OG [0x1ae]		
2025/06/26	09:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0 c0
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/06/26	10:11:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1

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2025/06/26	10:11:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/26	10:11:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/26	10:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/26	10:55:00.0	XRT_Custom_430_OG [0x1ae]			
2025/06/26	10:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/26	10:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/26	10:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/06/26	11:00:00.0	AOCs_Or-point_Start_4_OG [0x09a]			
		AOCU_NM	5	02-76	00 51 06 01 81
2025/06/26	11:00:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/06/26	11:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/06/26	11:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/06/26	11:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/06/26	11:00:24.0	XRT_FLD_RESET_446_OG [0x1be]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/26	11:02:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2025/06/26	11:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/06/26	11:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/26	11:54:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/26	11:54:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/26	11:54:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/26	11:55:00.0	XRT_Custom_430_OG [0x1ae]			
2025/06/26	11:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/26	11:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/26	12:02:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/26	12:02:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/26	12:02:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/26	12:05:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/26	12:33:00.0	XRT_Custom_430_OG [0x1ae]			
2025/06/26	12:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/26	13:40:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/26	13:40:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/26	13:40:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/26	13:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/26	14:11:00.0	XRT_Custom_430_OG [0x1ae]			
2025/06/26	14:12:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/26	15:18:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/26	15:18:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/26	15:18:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/26	15:21:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/26	15:29:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/26	15:29:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/06/26	15:30:00.0	AOCs_Or-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	03 06 97 01 81
2025/06/26	15:30:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/06/26	15:30:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/06/26	15:30:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/06/26	15:30:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/06/26	15:30:24.0	XRT_FLD_RESET_446_OG [0x1be]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/26	15:32:56.0	XRT_QT_PROG_SET_401_OG [0x191]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2025/06/26	15:32:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/06/26	15:49:30.0	XRT_Custom_430_OG [0x1ae]			

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2025/06/26	15:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/06/26	16:56:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/26	16:56:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/06/26	16:56:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/06/26	16:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/06/26	17:36:00.0	XRT_Custom_430_OG [0x1ae]							
2025/06/26	17:37:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/06/26	18:05:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/26	18:05:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/26	18:05:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2025/06/26	18:06:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2025/06/26	18:06:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2025/06/26	18:06:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2025/06/26	18:06:22.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/06/26	18:08:58.0	XRT_QT_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2025/06/26	18:09:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/06/26	18:15:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/26	18:15:56.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2025/06/26	18:16:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	03 06 97 01 81				
2025/06/26	18:16:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2025/06/26	18:16:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2025/06/26	18:16:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2025/06/26	18:16:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/06/26	18:16:24.0	XRT_FLD_RESET_446_OG [0x1be]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/06/26	18:18:56.0	XRT_QT_PROG_SET_401_OG [0x191]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2025/06/26	18:18:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2025/06/26	18:19:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/06/26	18:35:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/26	18:35:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/06/26	18:35:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/06/26	18:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/06/26	19:12:30.0	XRT_Custom_430_OG [0x1ae]							
2025/06/26	19:13:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/06/26	20:13:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/26	20:13:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/06/26	20:13:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/06/26	20:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/06/26	20:49:00.0	XRT_Custom_430_OG [0x1ae]							
2025/06/26	20:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/06/26	21:51:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/26	21:51:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/06/26	21:51:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/06/26	21:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/06/26	22:26:00.0	XRT_Custom_430_OG [0x1ae]							
2025/06/26	22:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/06/26	23:29:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/26	23:29:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/06/26	23:29:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/06/26	23:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							

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2025/06/27	00:00:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/06/27	00:01:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2025/06/27	01:07:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/27	01:07:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/27	01:07:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/27	01:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/06/27	01:38:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/06/27	01:39:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2025/06/27	02:40:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/27	02:40:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/27	02:40:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/27	02:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/06/27	03:16:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/06/27	03:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2025/06/27	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/27	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/27	04:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2025/06/27	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 00 00 00 00	
2025/06/27	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2025/06/27	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2025/06/27	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2025/06/27	04:00:24.0	XRT_FLD_RESET_446_OG [0x1be]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/06/27	04:02:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/27	04:02:58.0	XRT_FL_PROG_SET_445_OG [0x1bd]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10	
2025/06/27	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 12	
2025/06/27	04:15:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/27	04:15:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/27	04:15:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/27	04:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/06/27	04:54:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/06/27	04:55:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2025/06/27	05:45:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/27	05:45:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/27	05:45:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/27	05:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/06/27	06:32:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/06/27	06:33:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2025/06/27	06:38:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/27	06:38:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/27	06:38:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/27	06:38:48.0	XRT_FLD_DIS_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2025/06/27	06:38:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2025/06/27	06:38:52.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2025/06/27	06:41:28.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/06/27	06:41:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a	
2025/06/27	06:48:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/27	06:48:26.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/27	06:48:30.0	AOCS_ORe-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2025/06/27	06:48:46.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	03 06 97 01 81	

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2025/06/27	06:48:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2025/06/27	06:48:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/06/27	06:48:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2025/06/27	06:48:54.0	XRT_FLD_RESET_446_OG [0x1be]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/06/27	06:51:26.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/27	06:51:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2025/06/27	06:51:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2025/06/27	07:25:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/27	07:25:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/27	07:25:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/27	07:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/27	08:11:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/27	08:12:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/06/27	09:05:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/27	09:05:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/27	09:05:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/27	09:08:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/27	09:49:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/27	09:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/06/27	10:45:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/27	10:45:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/27	10:45:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/27	10:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/27	11:27:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/27	11:28:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/06/27	12:34:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/27	12:34:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/27	12:34:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/27	12:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/27	13:05:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/27	13:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/06/27	14:12:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/27	14:12:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/27	14:12:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/27	14:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/27	14:43:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/27	14:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/06/27	15:51:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/27	15:51:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/27	15:51:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/27	15:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/27	16:21:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/27	16:22:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/06/27	16:29:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/27	16:29:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/27	16:29:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/27	16:31:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/27	16:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/06/27	16:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/27	17:29:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9

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2025/06/27	17:29:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/27	17:29:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/27	17:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/06/27	18:07:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/06/27	18:07:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/27	18:07:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/27	18:07:30.0	AOCS_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2025/06/27	18:07:48.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00	
2025/06/27	18:07:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2025/06/27	18:07:52.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2025/06/27	18:10:28.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/06/27	18:10:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a	
2025/06/27	18:17:30.0	AOCS_ORe-point_Start_3_OG [0x099]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/27	19:07:00.0	XRT_CTRL_MANU_400_OG [0x190]	AOCU_NM	5	02-76	03 06 97 01 81	
2025/06/27	19:07:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/27	19:07:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/27	19:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/06/27	19:44:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/06/27	19:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2025/06/27	20:45:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/27	20:45:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/27	20:45:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/27	20:48:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/06/27	21:21:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/06/27	21:22:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2025/06/27	22:23:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/27	22:23:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/27	22:23:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/27	22:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/06/27	22:57:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/06/27	22:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2025/06/27	23:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/06/27	23:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/28	00:00:00.0	AOCS_ORe-point_Start_5_OG [0x09b]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2025/06/28	00:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	04 06 97 01 81	
2025/06/28	00:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2025/06/28	00:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2025/06/28	00:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2025/06/28	00:00:24.0	XRT_FLD_RESET_446_OG [0x1be]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/06/28	00:01:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/28	00:01:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/06/28	00:01:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/06/28	00:02:56.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/06/28	00:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05	
2025/06/28	00:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e	
2025/06/28	00:32:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/06/28	00:33:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2025/06/28	01:39:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	

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2025/06/28	01:39:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/06/28	01:39:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/06/28	01:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/06/28	02:10:30.0	XRT_Custom_430_OG [0x1ae]							
2025/06/28	02:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/06/28	03:11:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/28	03:11:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/06/28	03:11:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/06/28	03:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/06/28	03:48:30.0	XRT_Custom_430_OG [0x1ae]							
2025/06/28	03:49:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/06/28	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/28	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2025/06/28	04:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2025/06/28	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2025/06/28	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2025/06/28	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2025/06/28	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/06/28	04:00:24.0	XRT_FLD_RESET_446_OG [0x1be]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/06/28	04:02:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2025/06/28	04:02:58.0	XRT_FL_PROG_SET_445_OG [0x1bd]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 12				
2025/06/28	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/06/28	04:40:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/28	04:40:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/06/28	04:40:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2025/06/28	04:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2025/06/28	05:27:00.0	XRT_Custom_430_OG [0x1ae]							
2025/06/28	05:28:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/06/28	05:51:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/28	05:51:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/28	05:51:28.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2025/06/28	05:51:48.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2025/06/28	05:51:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2025/06/28	05:51:52.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/06/28	05:54:28.0	XRT_QT_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2025/06/28	05:54:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/06/28	06:01:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2025/06/28	06:01:26.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2025/06/28	06:01:30.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	03 06 97 01 81				
2025/06/28	06:01:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2025/06/28	06:01:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2025/06/28	06:01:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2025/06/28	06:01:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2025/06/28	06:01:54.0	XRT_FLD_RESET_446_OG [0x1be]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2025/06/28	06:04:26.0	XRT_QT_PROG_SET_401_OG [0x191]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2025/06/28	06:04:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2025/06/28	06:04:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2025/06/28	06:18:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				

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2025/06/28	06:18:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/28	06:18:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/28	06:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/28	07:05:00.0	XRT_Custom_430_OG [0x1ae]			
2025/06/28	07:06:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/28	07:58:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/28	07:58:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/28	07:58:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/28	08:01:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/28	08:43:00.0	XRT_Custom_430_OG [0x1ae]			
2025/06/28	08:44:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/28	09:37:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/28	09:37:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/28	09:37:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/28	09:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/28	10:21:30.0	XRT_Custom_430_OG [0x1ae]			
2025/06/28	10:22:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/28	11:18:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/28	11:18:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/28	11:18:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/28	11:21:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/28	11:59:30.0	XRT_Custom_430_OG [0x1ae]			
2025/06/28	12:00:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/28	13:07:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/28	13:07:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/28	13:07:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/28	13:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/28	13:37:30.0	XRT_Custom_430_OG [0x1ae]			
2025/06/28	13:38:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/28	14:45:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/28	14:45:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/28	14:45:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/28	14:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/28	15:16:00.0	XRT_Custom_430_OG [0x1ae]			
2025/06/28	15:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/28	16:23:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/28	16:23:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/06/28	16:23:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/06/28	16:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/06/28	17:03:00.0	XRT_Custom_430_OG [0x1ae]			
2025/06/28	17:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/06/28	17:46:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/28	17:46:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/06/28	17:46:28.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/06/28	17:46:30.0	AOCs_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/06/28	17:46:48.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2025/06/28	17:46:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/06/28	17:46:52.0	XRT_ARS_DIS_435_OG [0x1b3]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/06/28	17:49:28.0	XRT_QT_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2025/06/28	17:49:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0

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2025/06/28	17:56:24.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/28	17:56:26.0	XRT_FOCUS_POSITION_406_OG [0x196]		
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2025/06/28	17:56:30.0	AOCs_ORe-point_Start_3_OG [0x099]		
		AOCU_NM	5	02-76 03 06 97 01 81
2025/06/28	17:56:46.0	XRT_FLD_ENA_411_OG [0x19b]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2025/06/28	17:56:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2025/06/28	17:56:50.0	XRT_AEC_RESET_448_OG [0x1c0]		
		MDP_XRT_AEC_RESET	1	07-F0 d0
2025/06/28	17:56:52.0	XRT_ARS_DIS_423_OG [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2025/06/28	17:56:54.0	XRT_FLD_RESET_446_OG [0x1be]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/06/28	17:59:26.0	XRT_QT_PROG_SET_401_OG [0x191]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 03
2025/06/28	17:59:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0e
2025/06/28	17:59:30.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/06/28	18:01:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/28	18:01:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/06/28	18:01:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/06/28	18:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/06/28	18:39:30.0	XRT_Custom_430_OG [0x1ae]		
2025/06/28	18:40:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/06/28	19:39:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/28	19:39:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/06/28	19:39:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/06/28	19:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/06/28	20:16:00.0	XRT_Custom_430_OG [0x1ae]		
2025/06/28	20:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/06/28	21:17:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/28	21:17:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/06/28	21:17:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/06/28	21:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/06/28	21:53:00.0	XRT_Custom_430_OG [0x1ae]		
2025/06/28	21:54:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/06/28	22:55:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/28	22:55:32.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/06/28	22:55:34.0	XRT_PREFLR_STRT_428_OG [0x1ac]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/06/28	22:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/06/28	23:28:30.0	XRT_Custom_430_OG [0x1ae]		
2025/06/28	23:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/06/29	00:34:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/29	00:34:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/06/29	00:34:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/06/29	00:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/06/29	01:04:30.0	XRT_Custom_430_OG [0x1ae]		
2025/06/29	01:05:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/06/29	02:10:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/29	02:10:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/06/29	02:10:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/06/29	02:13:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/06/29	02:43:00.0	XRT_Custom_430_OG [0x1ae]		
2025/06/29	02:44:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/06/29	03:42:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/29	03:42:02.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/06/29	03:42:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]		

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2025/06/29	03:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/06/29	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/06/29	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/29	04:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2025/06/29	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76 00 00 00 00 00
2025/06/29	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0 d8
2025/06/29	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2025/06/29	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0 d0
2025/06/29	04:00:24.0	XRT_FLD_RESET_446_OG [0x1be]	MDP_XRT_ARS_DIS	1	07-F0 d5
2025/06/29	04:02:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_FLD_RESET	1	07-F0 da
2025/06/29	04:02:58.0	XRT_FL_PROG_SET_445_OG [0x1bd]	MDP_XRT_QT_PROG_SET	2	07-F0 c4 10
2025/06/29	04:21:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0 c5 12
2025/06/29	04:22:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]		
2025/06/29	05:11:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/06/29	05:11:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/29	05:11:04.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0 da
2025/06/29	05:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/06/29	05:59:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/06/29	06:00:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]		
2025/06/29	06:04:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/06/29	06:04:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/29	06:04:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/29	06:05:18.0	XRT_FLD_DIS_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2025/06/29	06:05:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0 d9
2025/06/29	06:05:22.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_FLRCTRL_DIS	1	07-F0 c9
2025/06/29	06:07:58.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_ARS_DIS	1	07-F0 d5
2025/06/29	06:08:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0 c4 0a
2025/06/29	06:12:16.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/06/29	06:15:00.0	AOCS_ORe-point_Start_3_OG [0x099]	MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/06/29	06:15:00.5	XRT_TCIB_XRT_S_HTR_A_ENA_403_OG [0x193]	AOCS_ORe-point_Start_2_OG [0x098]		
2025/06/29	18:05:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76 03 06 97 01 81
2025/06/29	18:15:00.0	AOCS_ORe-point_Start_3_OG [0x099]	TCIB_XRT_S_HTR_A_ENA	0	04-BC
2025/06/29	18:05:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCS_ORe-point_Start_3_OG [0x099]		
2025/06/29	18:15:00.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCS_ORe-point_Start_2_OG [0x098]		
2025/06/30	04:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCS_ORe-point_Start_2_OG [0x098]		
2025/06/30	06:47:00.0	AOCS_ORe-point_Start_6_OG [0x09c]	AOCS_ORe-point_Start_6_OG [0x09c]		
2025/06/30	18:06:30.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCS_ORe-point_Start_2_OG [0x098]		
2025/06/30	18:16:30.5	AOCS_ORe-point_Start_7_OG [0x09d]	AOCS_ORe-point_Start_7_OG [0x09d]		
2025/07/01	04:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCS_ORe-point_Start_2_OG [0x098]		
2025/07/01	06:00:00.0	AOCS_ORe-point_Start_7_OG [0x09d]	AOCS_ORe-point_Start_7_OG [0x09d]		
2025/07/01	11:16:54.0	XRT_CTRL_MANU_402_OG [0x192]	AOCS_ORe-point_Start_2_OG [0x098]		
2025/07/01	11:17:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCS_ORe-point_Start_2_OG [0x098]		