

XRT Timeline to be uploaded on 2022/11/19

Period: 2022/11/19 11:28:00 - 2022/11/29 10:48:00

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Normal mode

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XOB #1C92: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 600s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
11/19 11:41:00 - 11/19 17:33:54	Track (232.1, -604.0) @ 11/19 11:38:00	# OP start + 10min, coronal hole
11/19 17:52:00 - 11/20 03:59:54	Track (275.4, -602.9) @ 11/19 17:49:00	# coronal hole
11/20 06:09:30 - 11/20 17:59:54	Track (159.0, 371.8) @ 11/20 06:06:30	# AR loop

PROG= 09 Inf.-time(s)

- Subr= 1 1-time(s) 2.0sec
 - Seqn= 30 1-time(s) 2.0sec
 - Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 512x512 (1024, 1024) Q=90 0 0 2.0sec
 - Open/G-band Open/G-band close Safe Norm 1ms Obs 1x1 512x512 (1024, 1024) Q=95 0 0 2.0sec
 - Subr= 2 5-time(s) 720.0sec
 - Seqn= 8 1-time(s) 2.0sec
 - thin-Be/Open med-Be/Open close Safe Norm 1.00s Obs 4x4 2048x2048 (1024, 1024) Q=98 3 0 2.0sec
 - thin-Be/Open med-Be/Open close Safe Norm 1.41s Obs 4x4 2048x2048 (1024, 1024) DPCM 2 0 2.0sec
 - Seqn= 6 1-time(s) 2.0sec
 - Al-poly/Open Al-poly/Open close Safe Norm 125ms Obs 4x4 2048x2048 (1024, 1024) Q=98 3 0 2.0sec
 - Al-poly/Open Al-poly/Open close Safe Norm 1.00s Obs 4x4 2048x2048 (1024, 1024) DPCM 2 0 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval
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XOB #1CED: Synoptic for HOP448 w/ Al-mesh(5/128/723), Al-poly(12/181/1443), Thin-Be(33/512/4096), Thick-Be(32768), Med-Al(256/8192/32768), Med-Be(12/181/1443)

Term	Pointing (x, y)	Comment
11/19 17:37:00 - 11/19 17:48:54	Fixed (0.0, 0.0)	synoptic, shifted -21.0 min, HOP448
11/20 18:03:00 - 11/20 18:14:54	Fixed (0.0, 0.0)	synoptic, HOP448
11/21 06:12:26 - 11/21 06:22:24	Fixed (0.0, 0.0)	synoptic, shifted 12.5 min, HOP349
11/21 18:03:00 - 11/21 18:14:54	Fixed (0.0, 0.0)	synoptic, HOP448
11/22 05:44:26 - 11/22 05:54:24	Fixed (0.0, 0.0)	synoptic, shifted -15.5 min, HOP349

PROG= 18 1-time(s)

- Subr= 1 1-time(s) 2.0sec
 - Seqn= 5 1-time(s) 2.0sec
 - Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
 - Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 4x4 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
 - Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 8x8 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
 - Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 1x1 2048x512 (1024, 1024) DPCM 0 0 2.0sec
 - Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 1x1 512x2048 (1024, 1024) DPCM 0 0 2.0sec
 - Seqn= 26 1-time(s) 2.0sec
 - Open/Al-mesh Open/Al-mesh close Safe Norm 5ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
 - Open/Al-mesh Open/Al-mesh close Safe Norm 125ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
 - Open/Al-mesh Open/Al-mesh close Safe Norm 707ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
 - Seqn= 15 1-time(s) 2.0sec
 - Al-poly/Open Al-poly/Open close Safe Norm 12ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
 - Al-poly/Open Al-poly/Open close Safe Norm 177ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
 - Al-poly/Open Al-poly/thick-Al close Safe Norm 1.41s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
 - Seqn= 83 1-time(s) 2.0sec
 - thin-Be/Open thin-Be/Open close Safe Norm 32ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
 - thin-Be/Open thin-Be/Open close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
 - thin-Be/Open thin-Be/Open close Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
 - Seqn= 23 1-time(s) 4.0sec
 - Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=90 0 0 2.0sec
 - Open/G-band Open/G-band close Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
- Subr= 2 1-time(s) 2.0sec
 - Seqn= 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

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval
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XOB #1CD1: HOP349 - 3-filter Synoptics (Al-mesh[2/128/723], Al-poly[12/181/1443], thin-Be[24/512/3897] with 512x512 G-band+Leak - 375min cad) + CME w/

Term	Pointing (x, y)	Comment
11/20 04:03:00 - 11/20 05:54:00	Fixed (0.0, 0.0)	synoptic, shifted -3.5 min, HOP349
11/21 04:27:00 - 11/21 06:11:54	Fixed (0.0, 0.0)	synoptic, shifted 12.5 min, HOP349
11/22 04:03:00 - 11/22 05:43:54	Fixed (0.0, 0.0)	synoptic, shifted -15.5 min, HOP349

PROG= 07 Inf.-time(s)

- Subr= 1 1-time(s) 300.0sec
 - Seqn= 55 1-time(s) 2.0sec
 - Open/Al-mesh Open/Al-mesh close Safe Norm 2ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
 - Open/Al-mesh Open/Al-mesh close Safe Norm 125ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec

Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	707ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 15 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	12ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 79 1-time(s) 2.0sec												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	16ms	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	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 30 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2 15-time(s) 1500.0sec												
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= 74 1-time(s) 2.0sec												
med-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
med-Be/Open	med-Be/Open	close	Safe	Norm	2.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
Seqn= 6 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Seqn= 29 1-time(s) 2.0sec												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1CEE: Synoptic 8 Filter w/ Al-mesh(5/128/723), Al-poly(12/181/1443), Thin-Be(33/512/4096), Thick-Be(32768), Med-Al(512/8192/32768), Med-Be(128/576)

Term	Pointing (x, y)	Comment
11/20 05:54:32 - 11/20 06:06:24	Fixed (0.0, 0.0)	synoptic, shifted -3.5 min, HOP349
PROG= 20 1-time(s)		
Subr= 1 1-time(s) 2.0sec		
Seqn= 5 1-time(s) 2.0sec		
Open/Ti-poly	Open/thick-Al	close Safe Dark 500ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Open/Ti-poly	Open/thick-Al	close Safe Dark 500ms Obs 4x4 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Open/Ti-poly	Open/thick-Al	close Safe Dark 500ms Obs 8x8 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Open/Ti-poly	Open/thick-Al	close Safe Dark 500ms Obs 1x1 2048x512 (1024, 1024) DPCM 0 0 2.0sec
Open/Ti-poly	Open/thick-Al	close Safe Dark 500ms Obs 1x1 512x2048 (1024, 1024) DPCM 0 0 2.0sec
Seqn= 26 1-time(s) 2.0sec		
Open/Al-mesh	Open/Al-mesh	close Safe Norm 5ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Al-mesh	Open/Al-mesh	close Safe Norm 125ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Al-mesh	Open/Al-mesh	close Safe Norm 707ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Seqn= 15 1-time(s) 2.0sec		
Al-poly/Open	Al-poly/Open	close Safe Norm 12ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Al-poly/Open	Al-poly/Open	close Safe Norm 177ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Al-poly/Open	Al-poly/thick-Al	close Safe Norm 1.41s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Seqn= 83 1-time(s) 2.0sec		
thin-Be/Open	thin-Be/Open	close Safe Norm 32ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
thin-Be/Open	thin-Be/Open	close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
thin-Be/Open	thin-Be/Open	close Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Seqn= 23 1-time(s) 4.0sec		
Open/G-band	Open/G-band	open Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=90 0 0 2.0sec
Open/G-band	Open/G-band	close Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Subr= 2 1-time(s) 2.0sec		
Seqn= 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= 56 1-time(s) 2.0sec		
Al-poly/Ti-poly	Al-poly/thick-Al	close Safe Norm 63ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Default Filter	Thicker Filter	VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

XOB #1C50: AR Standard-A(Filter-Ratio with Al/poly and thin-Be) with PFB, 384x384 at 1064 1048, thin-Be, thick-Al, Al/Poly context, with G-band (1ms/1ms)

Term	Pointing (x, y)	Comment
11/20 18:18:00 - 11/21 03:59:54	Track (799.1, 295.0) @ 11/20 18:15:00	# new AR
11/21 06:25:30 - 11/21 10:35:30	Track (837.9, 298.9) @ 11/21 06:22:30	# new AR
11/21 16:14:00 - 11/21 17:36:00	Track (860.7, 301.9) @ 11/21 16:00:00	# new AR
11/21 18:18:00 - 11/22 03:59:54	Track (-194.5, -266.8) @ 11/21 18:15:00	# AR 13147
11/22 05:57:30 - 11/22 09:31:00	Track (-88.0, -266.3) @ 11/22 05:54:30	# AR 13147
PROG= 17 Inf.-time(s)		
Subr= 1 1-time(s) 2.0sec		

Seqn= 92		1-time(s)		2.0sec											
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec			
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec			
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec			
Seqn= 66		3-time(s)		2.0sec											
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec			
thin-Be/Open	med-Be/Open	close	Safe	Norm	5.66s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec			
Open/thick-Al	Open/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec			
Seqn= 65		15-time(s)		120.0sec											
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec			
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	70.0sec			
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec			
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	70.0sec			
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec			
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	70.0sec			
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval				

XOB #1B97: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 360s cad (G-band/Leak last)

Term	Pointing (x, y)		Comment												
11/21 10:58:00 - 11/21 15:59:54	Fixed (850.0, -450.0)		EIS coronal rain obs												
PROG= 05		Inf.-time(s)													
Subr= 1		10-time(s)		360.0sec											
Seqn= 8		1-time(s)		2.0sec											
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec			
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec			
Seqn= 6		1-time(s)		2.0sec											
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec			
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec			
Subr= 2		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			
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 #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) + GB

Term	Pointing (x, y)		Comment												
11/19 11:41:00 - 11/19 17:33:54	Track (232.1, -604.0) @ 11/19 11:38:00		# OP start + 10min, coronal hole												
11/19 17:52:00 - 11/20 03:59:54	Track (275.4, -602.9) @ 11/19 17:49:00		# coronal hole												
11/20 04:03:00 - 11/20 05:54:00	Fixed (0.0, 0.0)		synoptic, shifted -3.5 min, HOP349												
11/20 06:09:30 - 11/20 17:59:54	Track (159.0, 371.8) @ 11/20 06:06:30		# AR loop												
11/20 18:18:00 - 11/21 03:59:54	Track (799.1, 295.0) @ 11/20 18:15:00		# new AR												
11/21 04:27:00 - 11/21 06:11:54	Fixed (0.0, 0.0)		synoptic, shifted 12.5 min, HOP349												
11/21 06:25:30 - 11/21 10:35:30	Track (837.9, 298.9) @ 11/21 06:22:30		# new AR												
11/21 10:58:00 - 11/21 15:59:54	Fixed (850.0, -450.0)		EIS coronal rain obs												
11/21 16:14:00 - 11/21 17:36:00	Track (860.7, 301.9) @ 11/21 16:00:00		# new AR												
11/21 18:18:00 - 11/22 03:59:54	Track (-194.5, -266.8) @ 11/21 18:15:00		# AR 13147												
11/22 04:03:00 - 11/22 05:43:54	Fixed (0.0, 0.0)		synoptic, shifted -15.5 min, HOP349												
11/22 05:57:30 - 11/22 09:31:00	Track (-88.0, -266.3) @ 11/22 05:54:30		# AR 13147												
PROG= 04		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				

* * * * *

Active Region Search

* * * * *

NOT USED

* * * * *

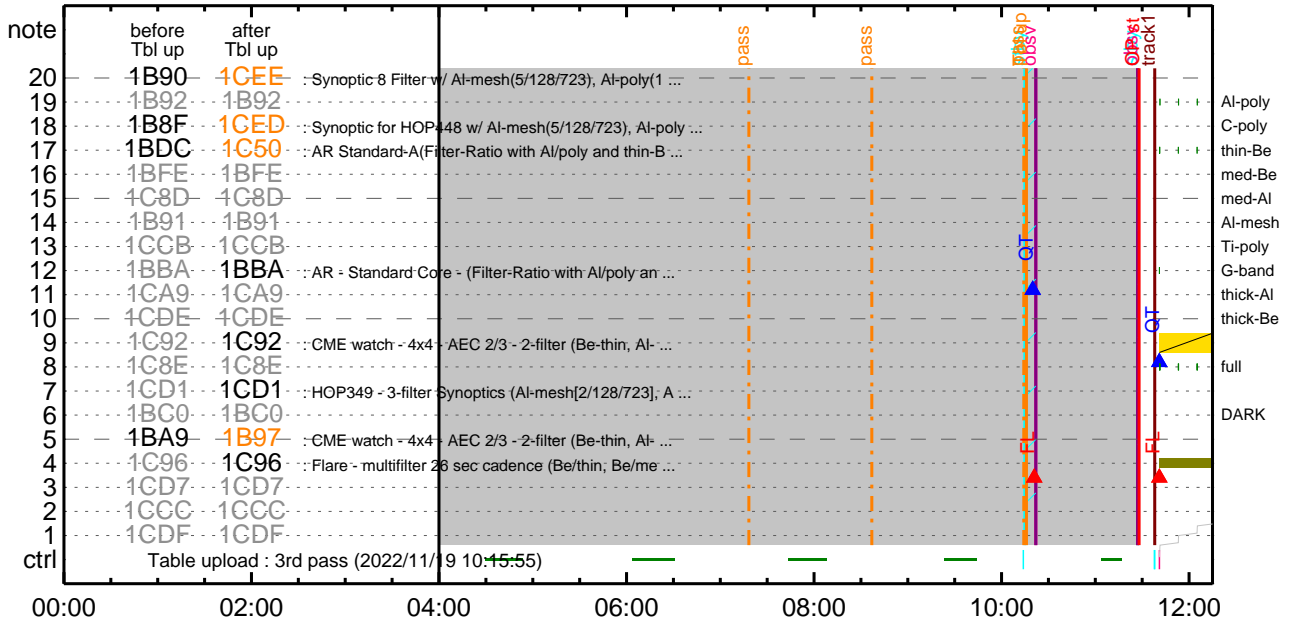
Flare Detection

* * * * *

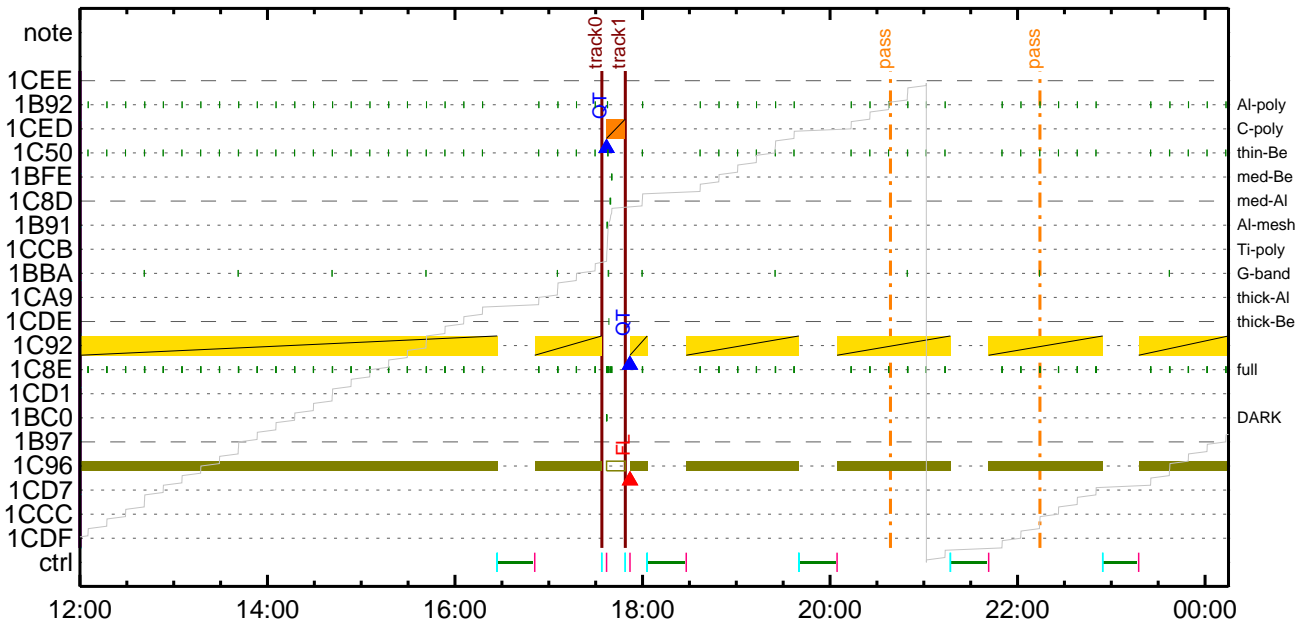
FLD Patrol

Term	Pointing (x, y)	Comment
11/19 10:16:55 - 11/19 17:34:18	cannot be identified	
11/19 17:49:18 - 11/20 05:54:24	Track (275.4, -602.9) @ 11/19 17:49:00	# coronal hole
11/20 06:06:48 - 11/20 18:00:18	Track (159.0, 371.8) @ 11/20 06:06:30	# AR loop
11/20 18:15:18 - 11/21 06:12:18	Track (799.1, 295.0) @ 11/20 18:15:00	# new AR
11/21 06:22:48 - 11/21 18:00:18	Track (837.9, 298.9) @ 11/21 06:22:30	# new AR
11/21 18:15:18 - 11/22 05:44:18	Track (-194.5, -266.8) @ 11/21 18:15:00	# AR 13147
11/22 05:54:48 - 11/29 10:48:00	Track (-88.0, -266.3) @ 11/22 05:54:30	# AR 13147
Al-poly/Open	Al-poly/Open close Safe Norm 4ms Obs 8x8	Q=50 30sec
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin	ROI: size (center) Comp. AEC Buffer Interval

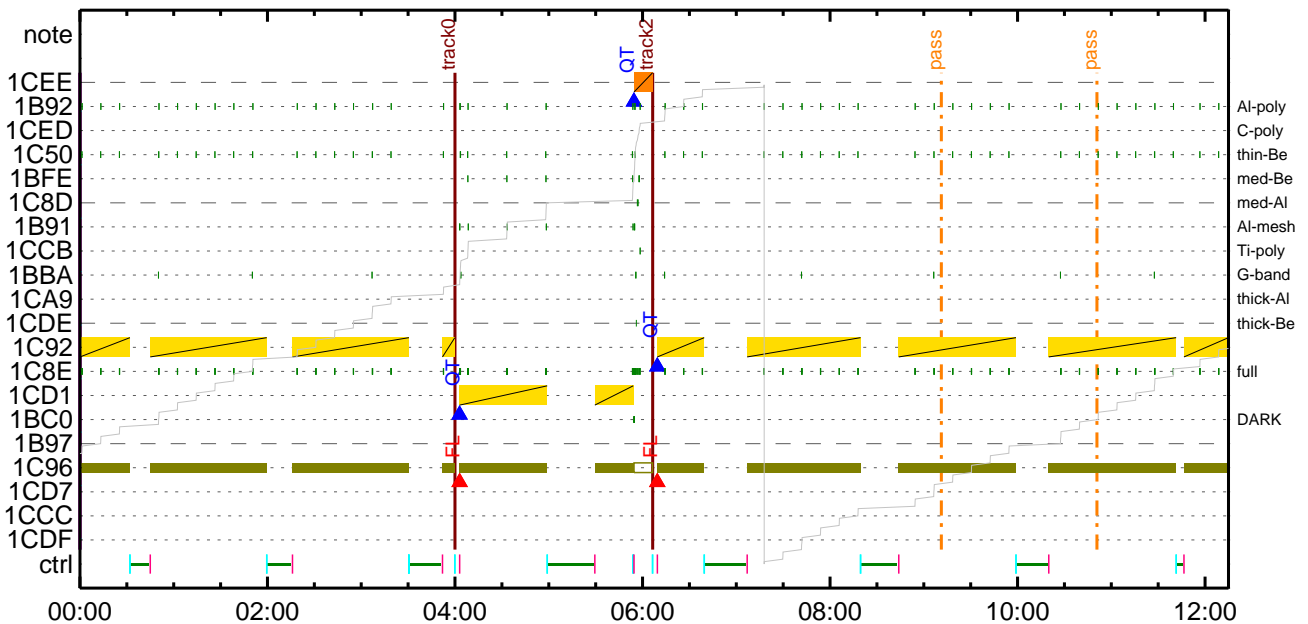
CMDI #0731 2022/11/19



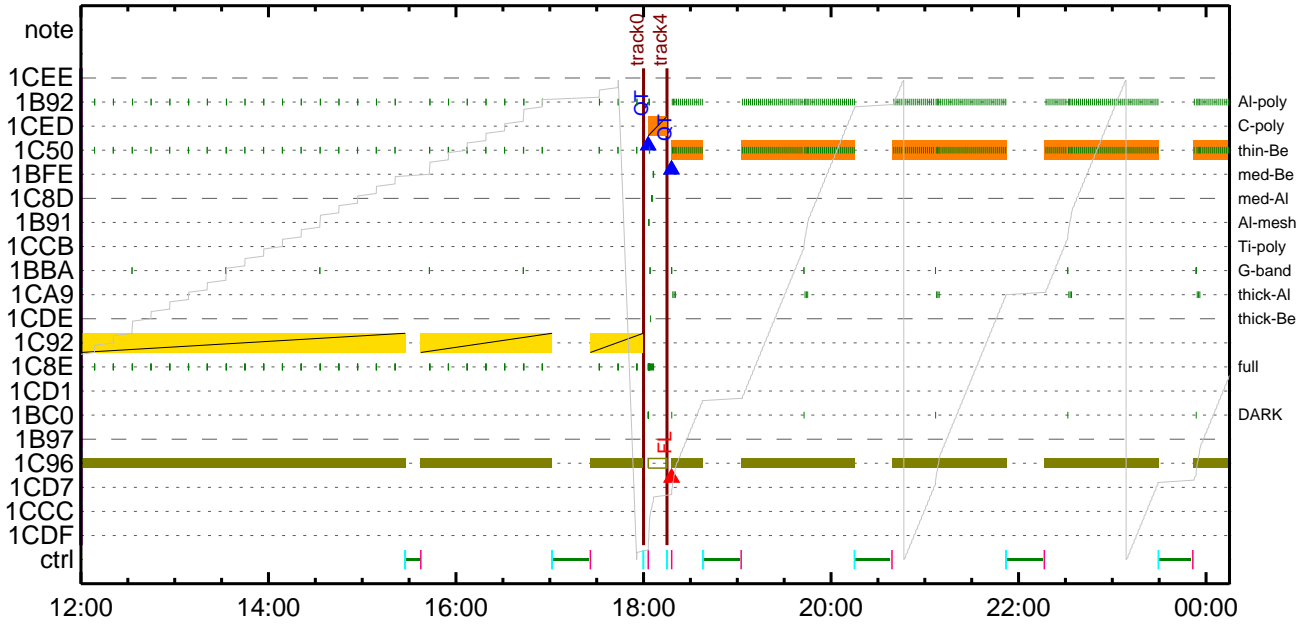
CMDI #0731 2022/11/19



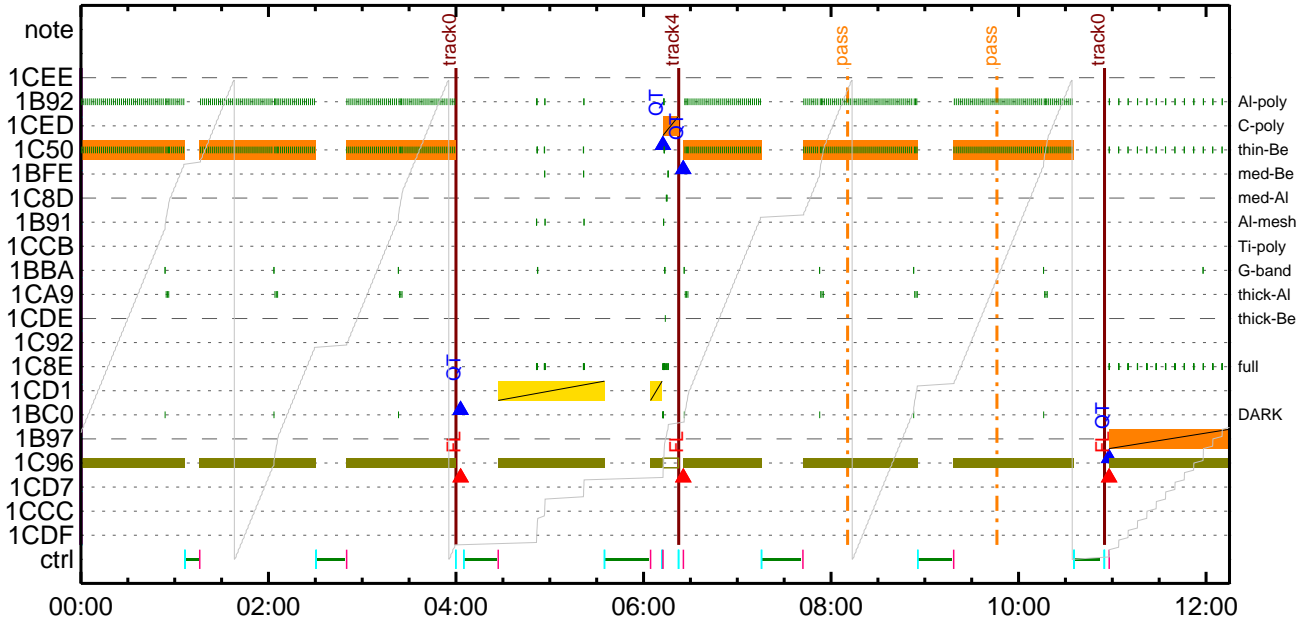
CMDI #0731 2022/11/20



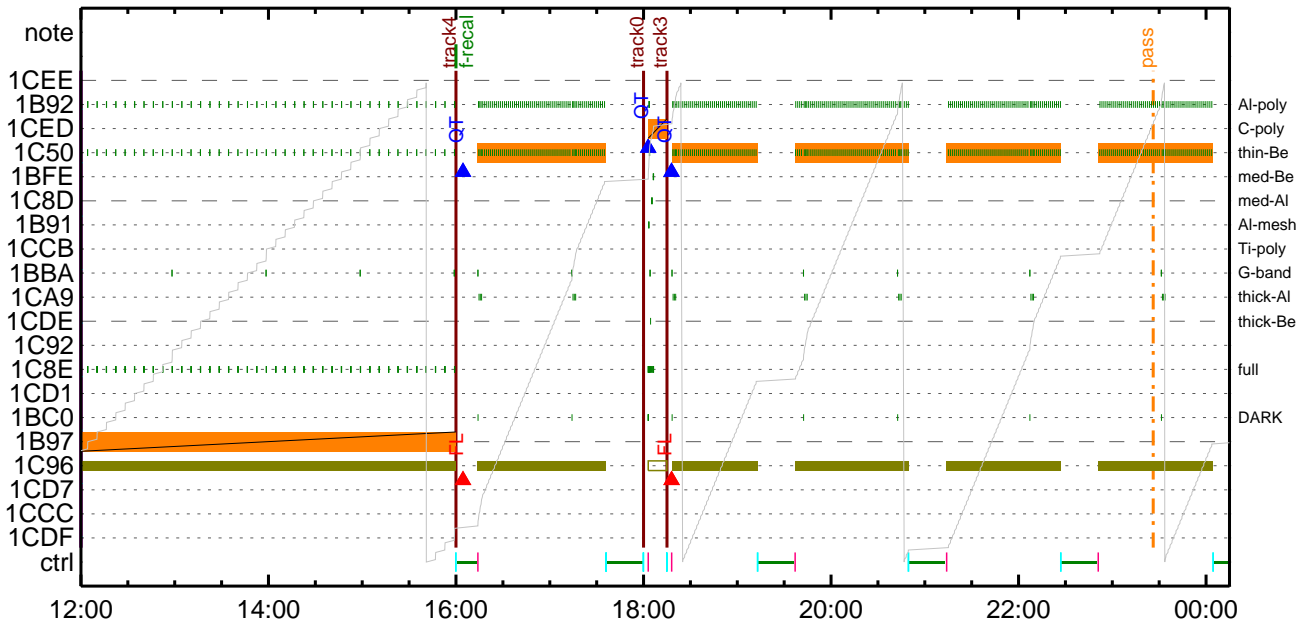
CMDI #0731 2022/11/20



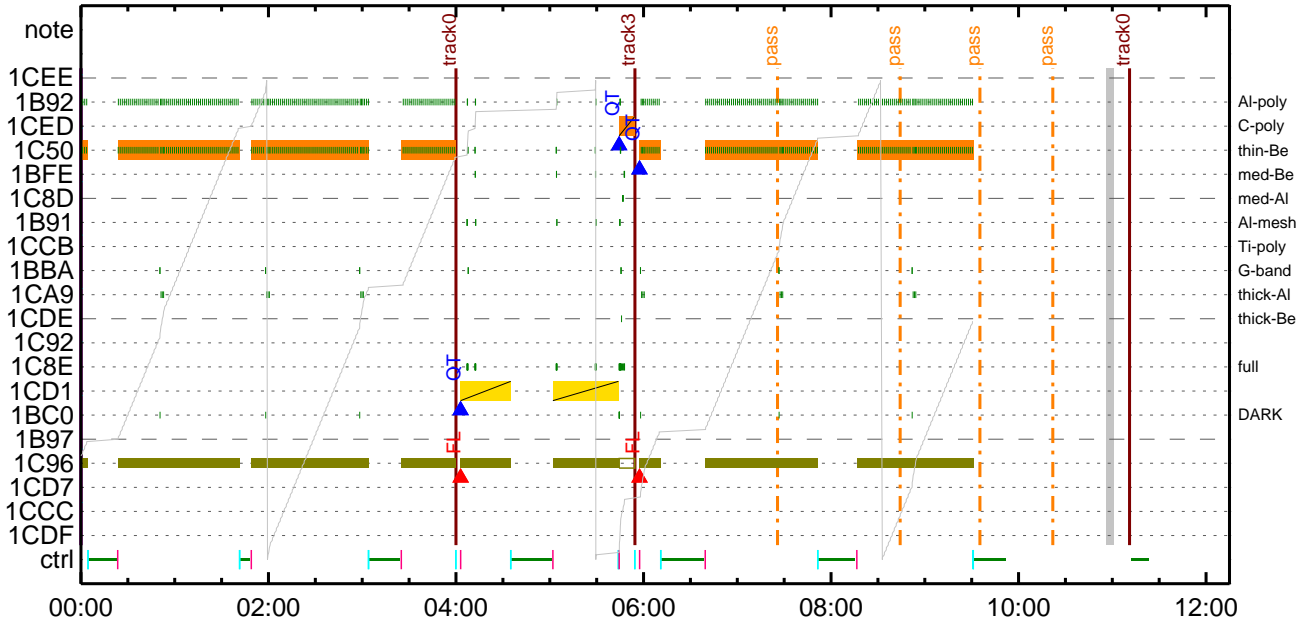
CMDI #0731 2022/11/21



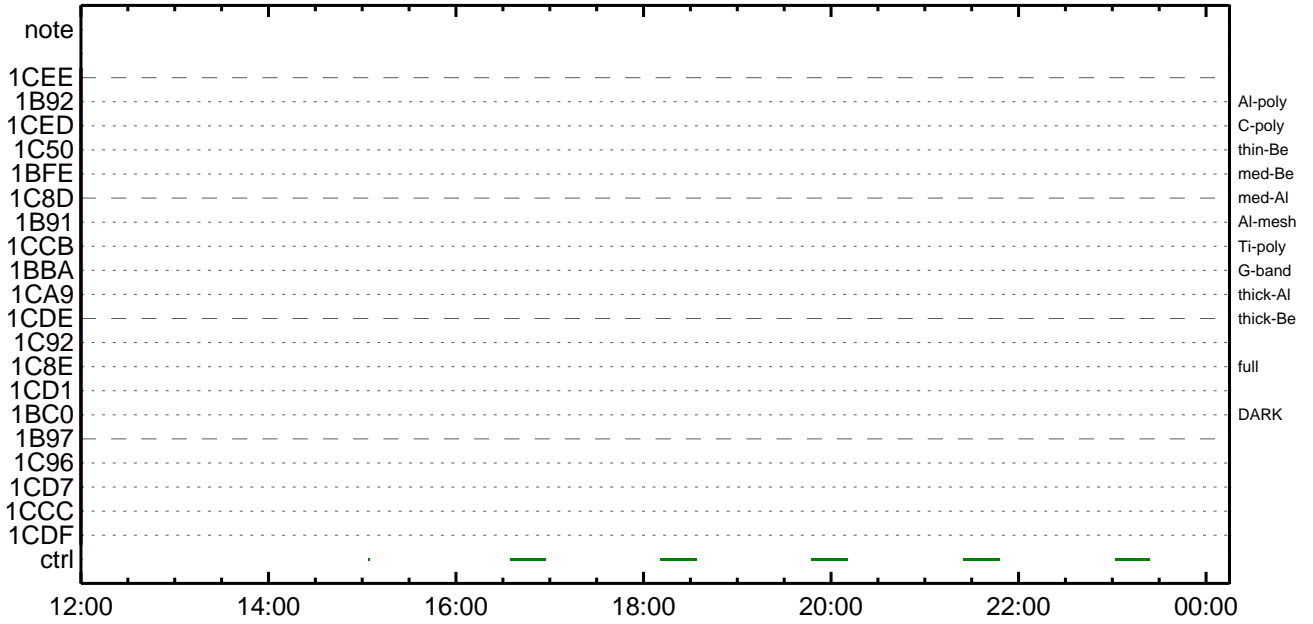
CMDI #0731 2022/11/21



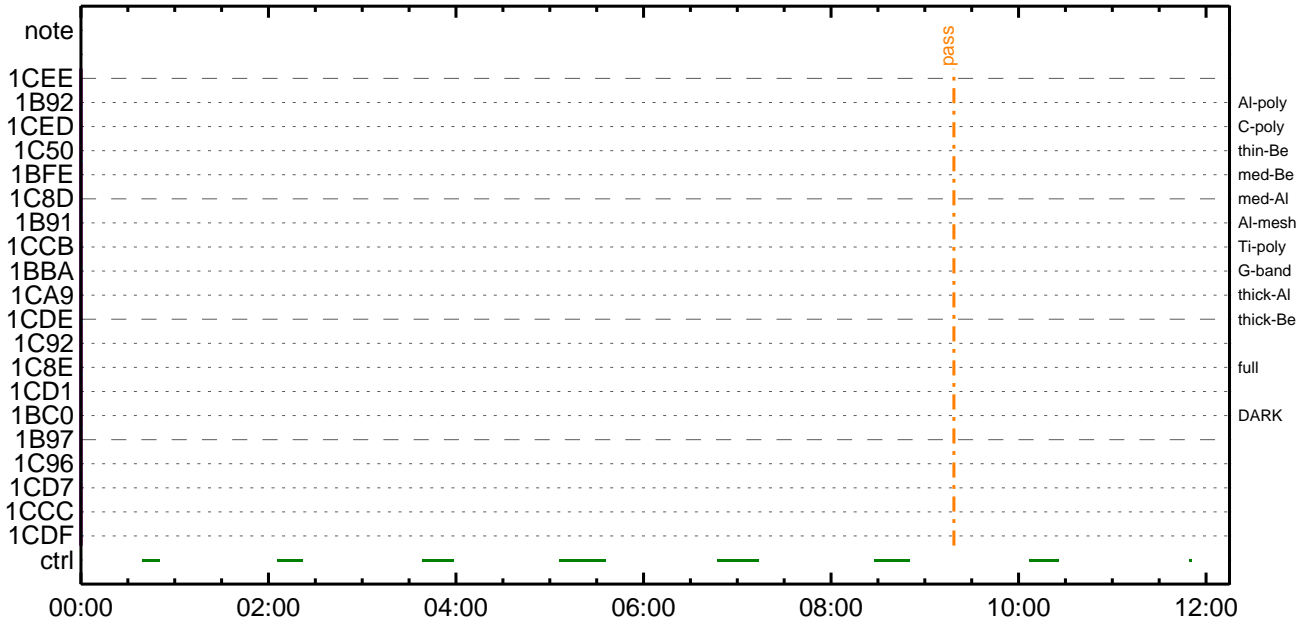
CMDI #0731 2022/11/22



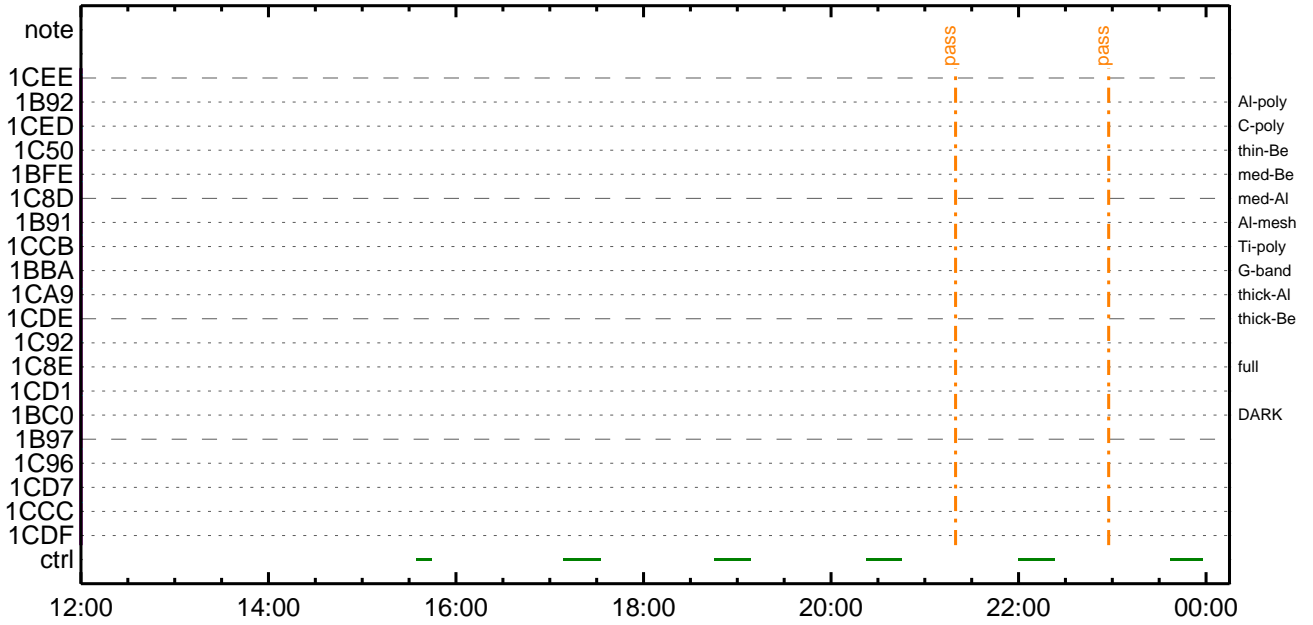
CMDI #0731 2022/11/22



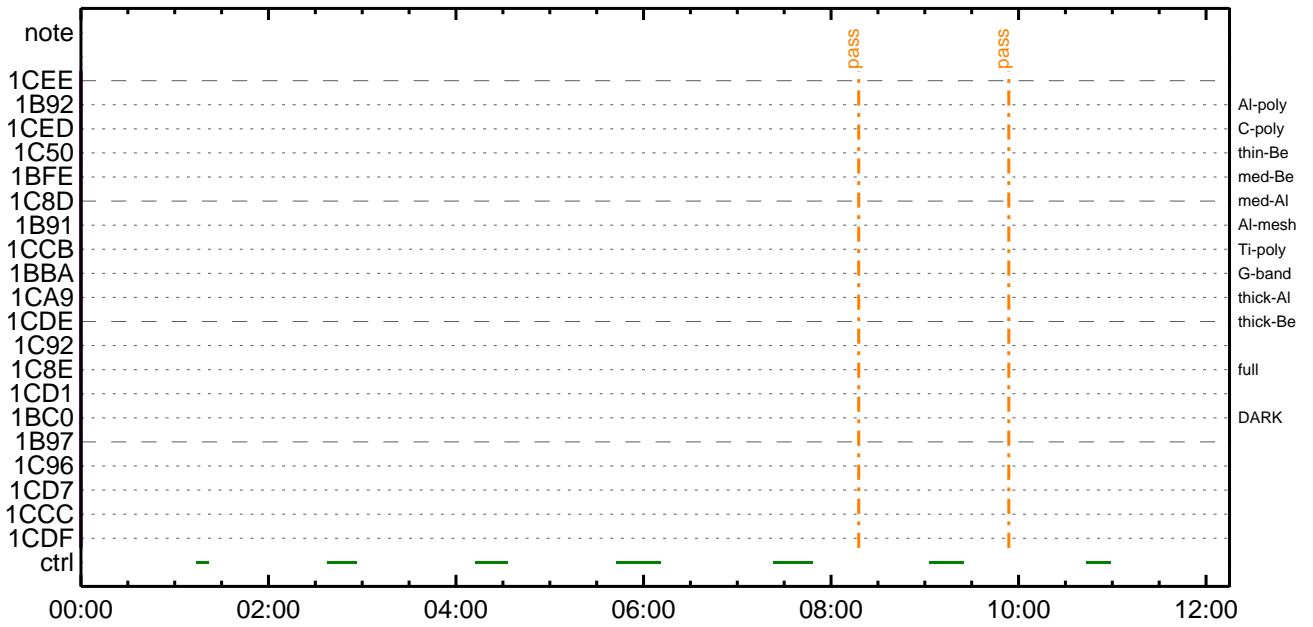
CMDI #0731 2022/11/23



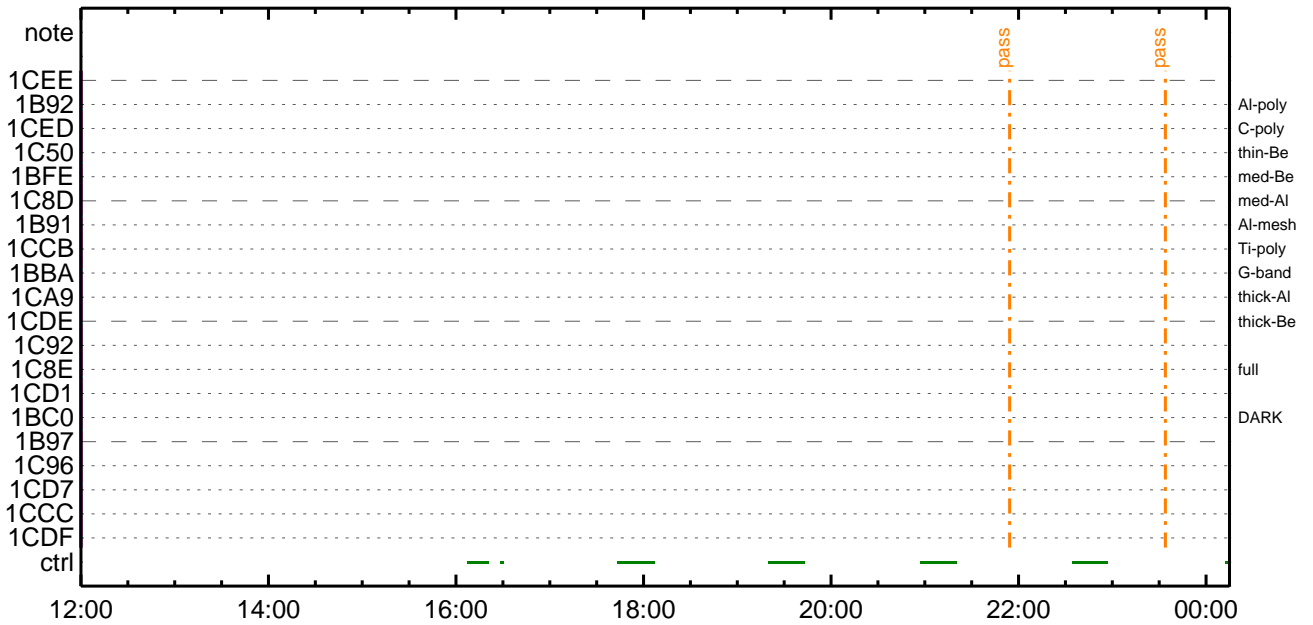
CMDI #0731 2022/11/23



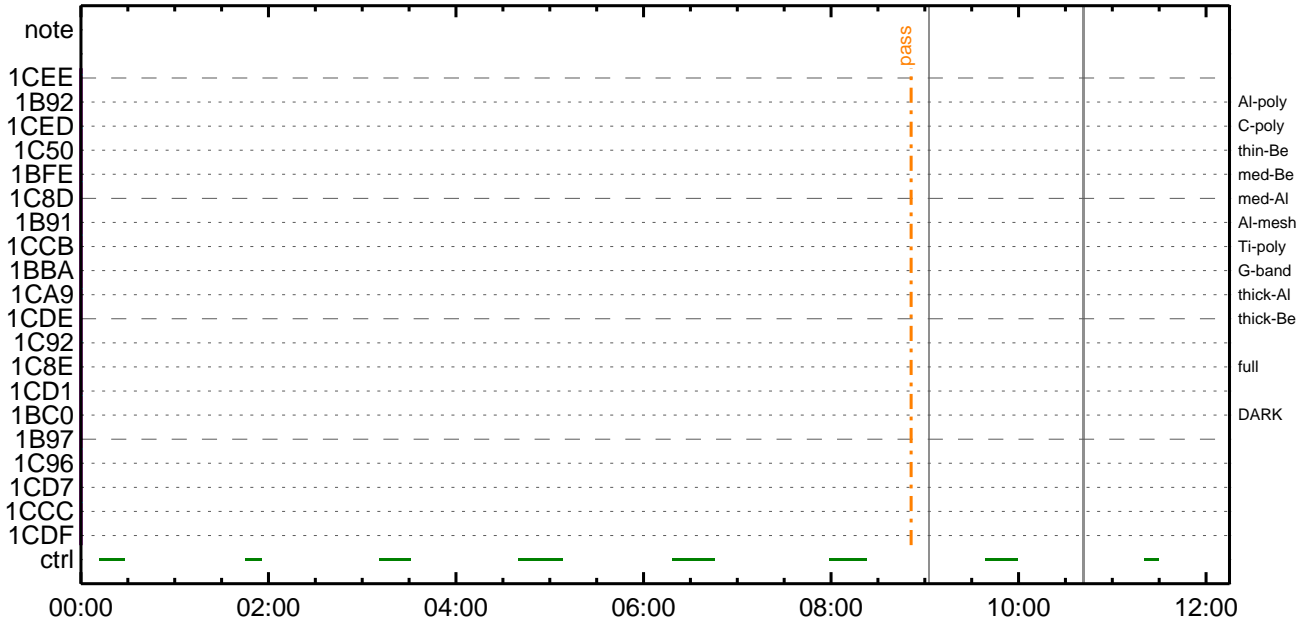
CMDI #0731 2022/11/24



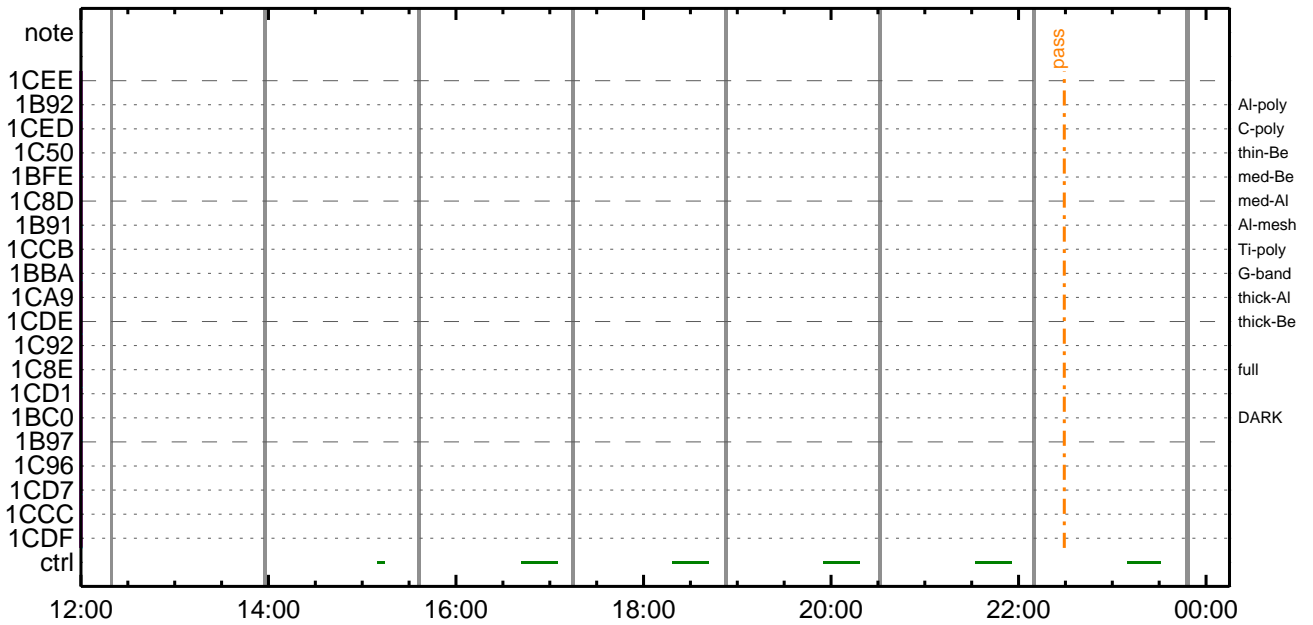
CMDI #0731 2022/11/24



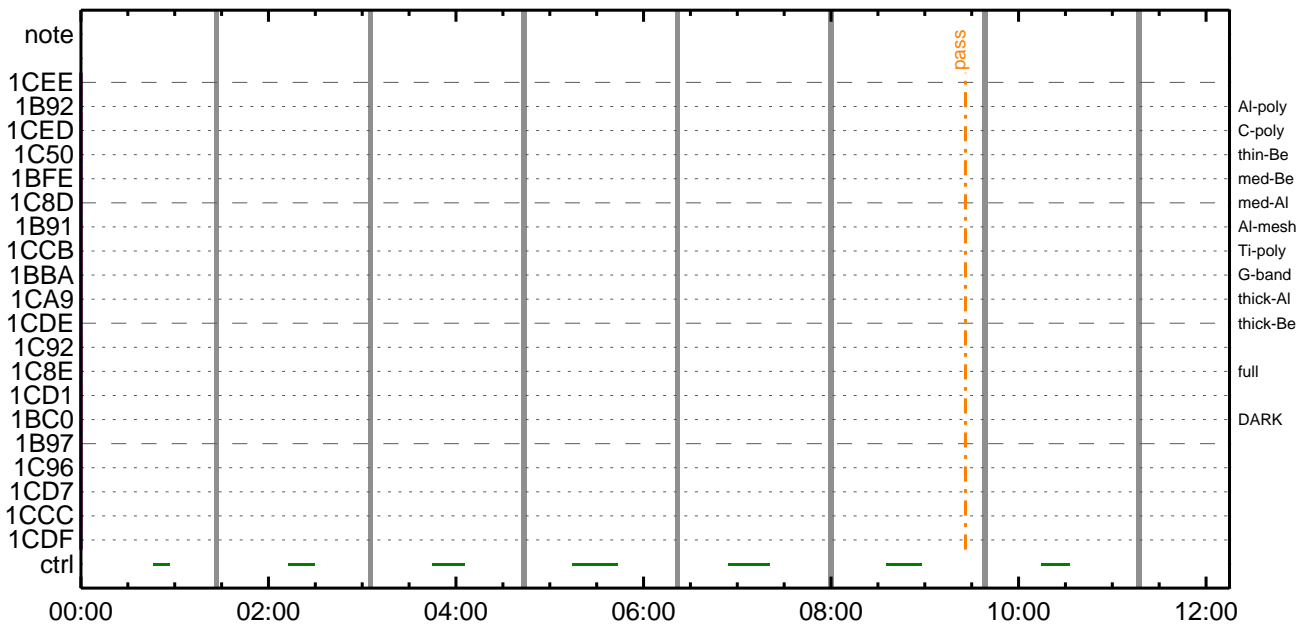
CMDI #0731 2022/11/25



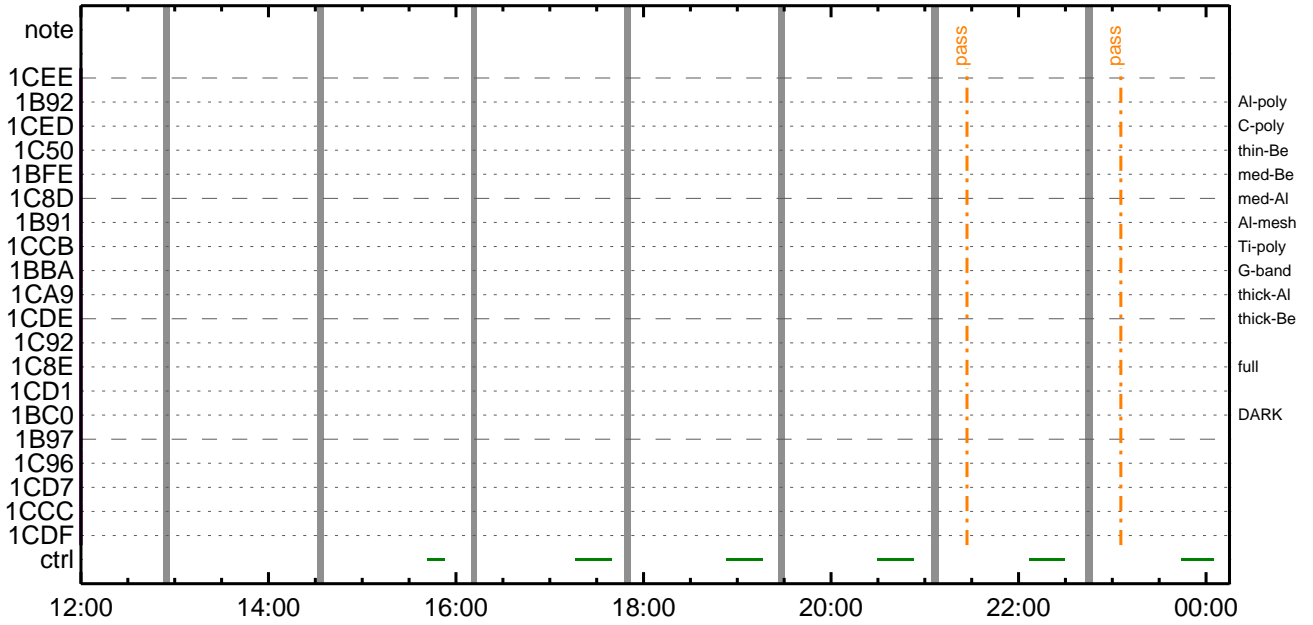
CMDI #0731 2022/11/25



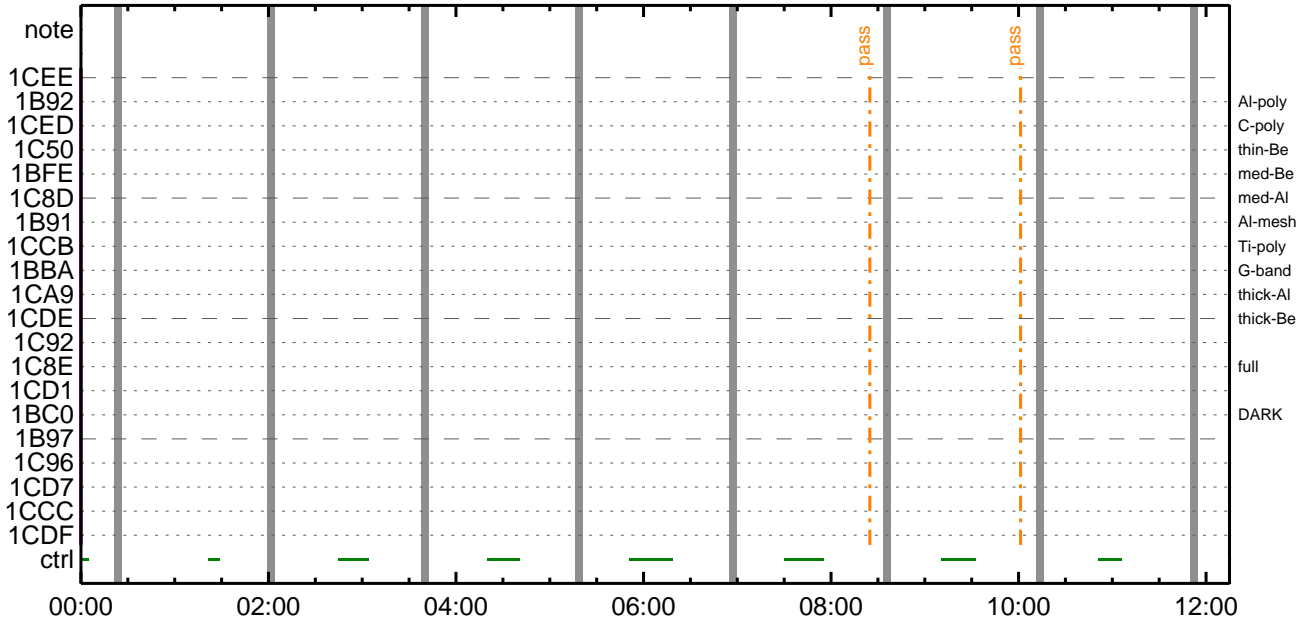
CMDI #0731 2022/11/26



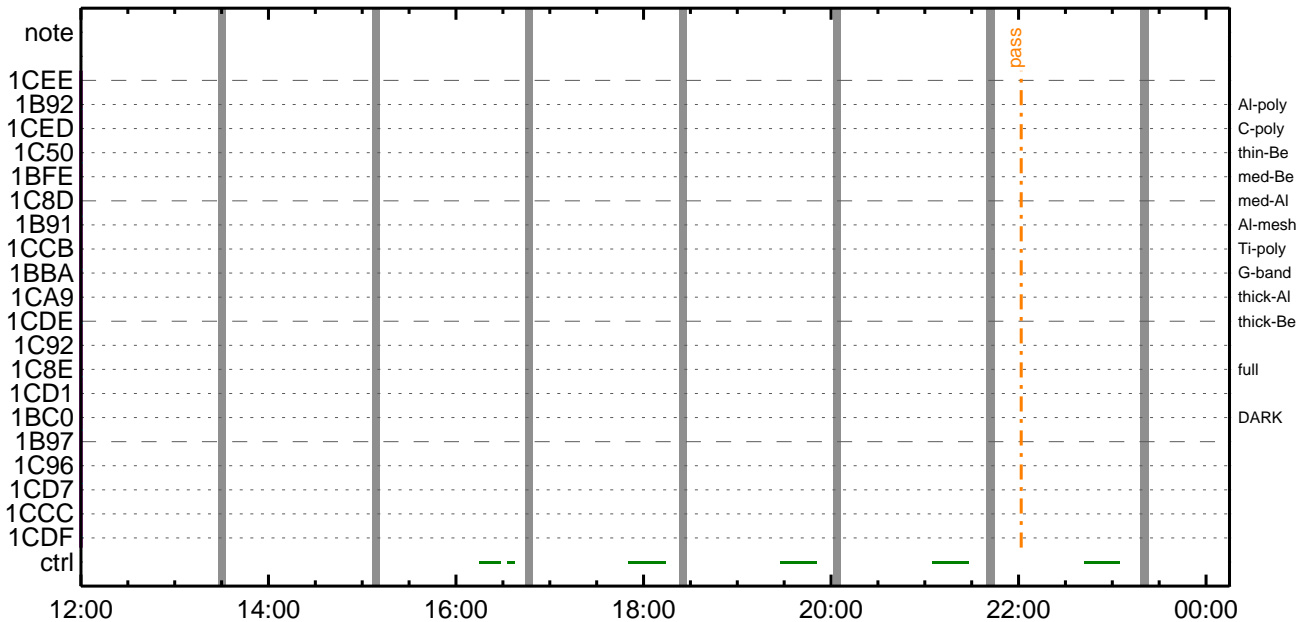
CMDI #0731 2022/11/26



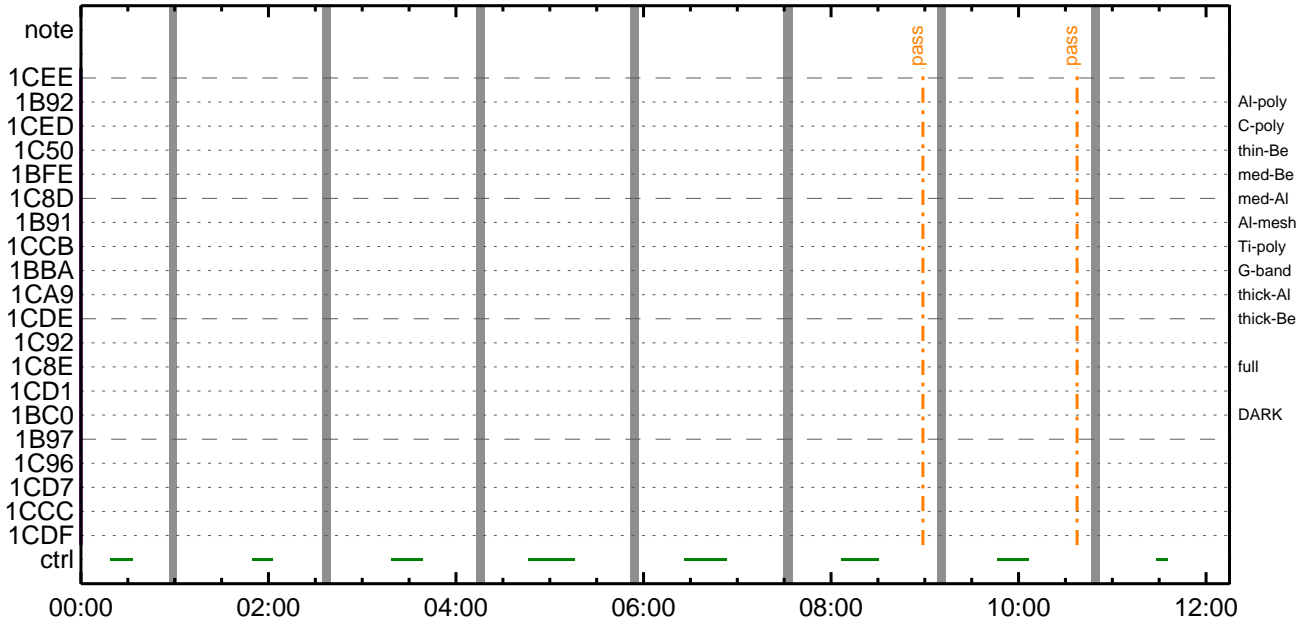
CMDI #0731 2022/11/27



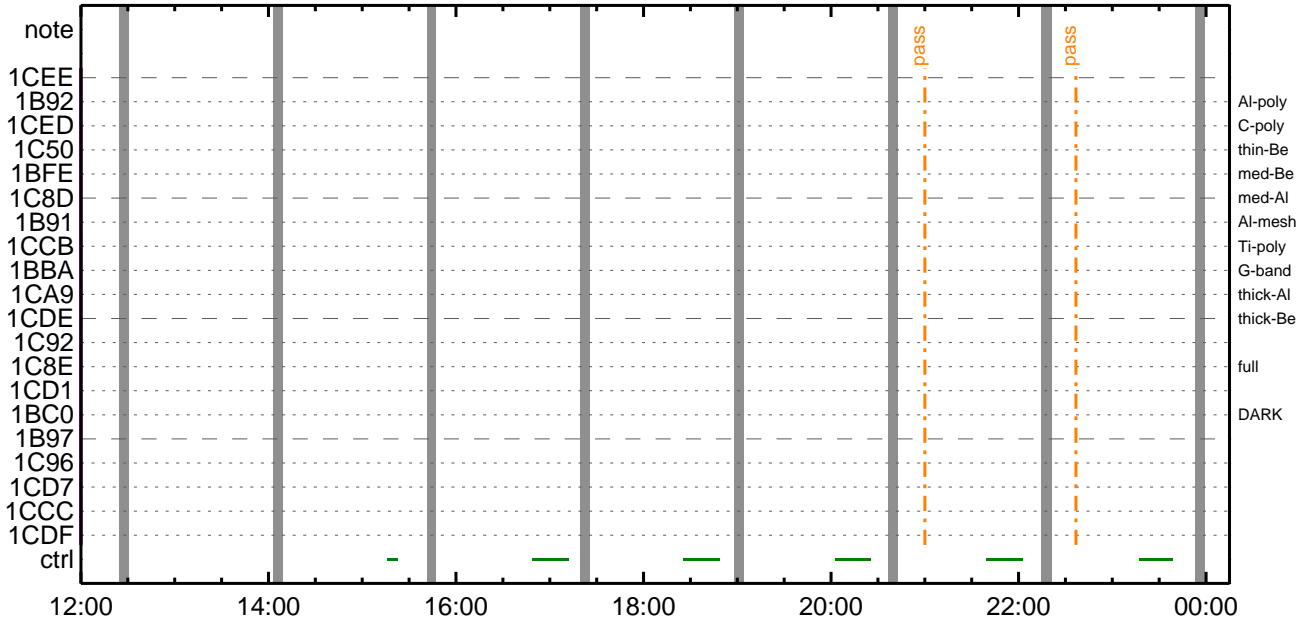
CMDI #0731 2022/11/27



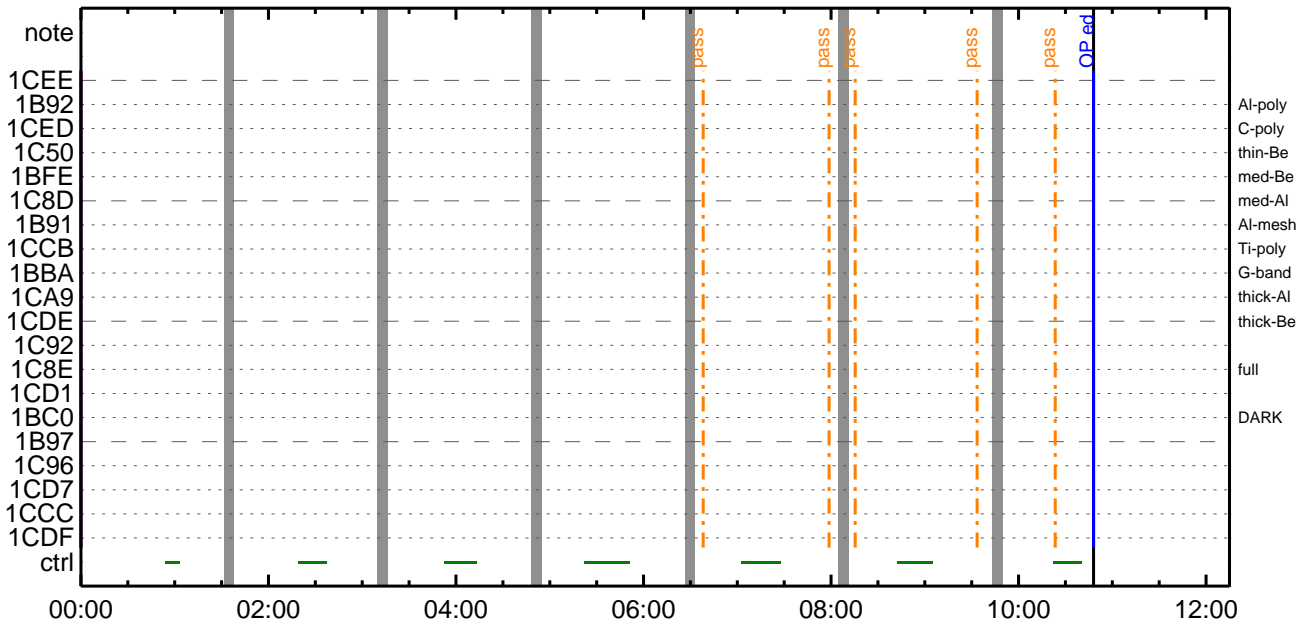
CMDI #0731 2022/11/28



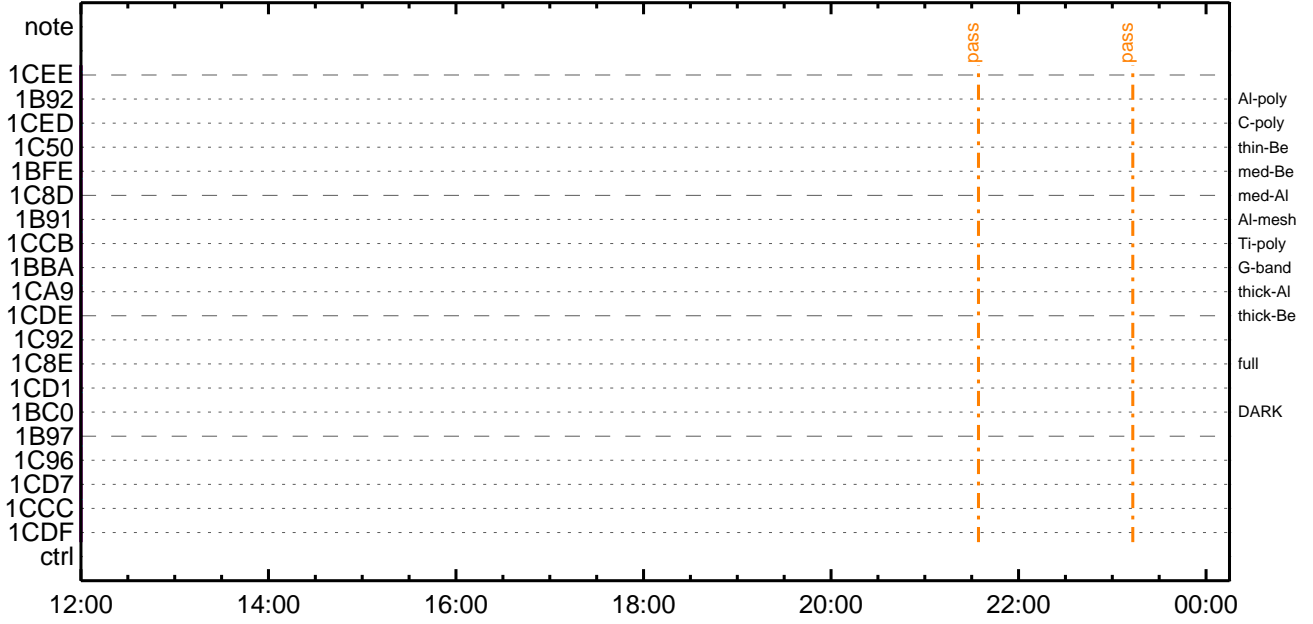
CMDI #0731 2022/11/28



CMDI #0731 2022/11/29



CMDI #0731 2022/11/29



(a) Spacecraft Operation Procedure (real-commands)

```
main-530 2022-11-19 11:55:42 205 33 SOLAR-B MAIN //
0001 . C.
0002 . C. ***** AOS *****
0003 . C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ä
0005 . C.
0006 . C. YÀYB;¼Y³YF¶YÉÄ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 . C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 . C. Áí;È¿¿pÁp•μ°E»Í×ÁÇ¿Y¿Y¿Y×Yí;¼YÉ;ÈÈ¿μ•ííÉ;ÈÈ¿¼°ÇÓp•p¿¼í¹¿pÍ;¿Á®, ù¿¹pÈp¿p¿Á+¿®p•pÈp¿p¿pÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 . C.
0013 . C.
0014 . C. *****
0015 . C. OP/OGYí;¼YÉ;|YÁYóY×
0016 . C. *****
0017 . C.
0018 . C. ;ãOP/OGYí;¼YÉ;ä
0019 . S. OP op-530:OP
0020 . ()
0021 . S. OG og-530:OG
0022 . ()
0023 . C.
0024 . C. ;ãNMOG&OPí°èYÁYóY×;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. YÀYóY×¼ªªí»¿¿³¿¿§
0041 . C. ¿¿[HK1_DMP_CHK_FLG] EQ NON
0042 . C. RAM ID=NMOGpí¼È¹¿·ë²¿OKp¿³¿¿§
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. YÀYóY×¼ªªí»¿¿³¿¿§
0060 . C. ¿¿[HK1_DMP_CHK_FLG] EQ NON
0061 . C. RAM ID=NMOGpí¼È¹¿·ë²¿OKp¿³¿¿§
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. YÀYóY×¼ªªí»¿¿³¿¿§
0079 . C. ¿¿[HK1_DMP_CHK_FLG] EQ NON
0080 . C. RAM ID=NMOG, RAM ID=OPpí¼È¹¿·ë²¿OKp¿³¿¿§
0081 . C.
0082 . C. ***** øÈ²¼pí¼Ä´¶¼pøÈÈ-rpÁ+¿® (¼áμ-YÁYóY×¼¼¿¿¿p¿ÁÓÁ¿p¿ªªp¿p¿¼í¹¿p¿p¿) *****
0083 . C. DHUYä;¼YÉ;È¼Y¼, Yí;¼YÉ;Èp¿íá¿¹
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 UPLOADp-Á+¿®NGpí¼í¹¿;¿·ë²¼pí¼TI-CMDÁ+¿®pí¼Á¹Ôp•pÈp¿p¿pÈ;f
```

0096 C. 0p0z;çSET0EDUMP0İÆ±°iYÑY¹0Ç¹Ô0|0³0E;f

0097 C.

0098 . C. TIY³YFÿÖYÉ00ðÄDİç(UT)

0099 +. TI 2022-11-19 11:23:00.0

0100 DC 01-B3 DHU_OP_STOP

0101 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

0102 C.

0103 +. TI 2022-11-19 11:23:01.0

0104 DC 01-B4 DHU_OP_COPY

0105 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

0106 C.

0107 +. TI 2022-11-19 11:23:01.0

0108 DC 01-B5 DHU_OPOG_COPY

0109 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

0110 C.

0111 +. TI 2022-11-19 11:27:59.5

0112 DC 01-B2 DHU_OP_START

0113 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

0114 C.

0115 C. 0E²¼0İÄê%îİÑ0İYÁY§YÁY-¹àİÜ

0116 C. çç[HK1_TI_CMD_ENA/DIS] EQ ENA

0117 C. çç[HK1_TI_CMD_NUM] EQ 4

0118 C. çç[HK1_NEXT_EXEC_PIM] EQ DHU

0119 C. çç[HK1_NEXT_EXEC_DC] EQ 0xB3

0120 C.

0121 . C. *****

0122 C. TIİİî°èYÄYÖYx

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. çç[HK1_DMP_TOP_ADRS_1] EQ 07

0129 C. çç[HK1_DMP_TOP_ADRS_0] EQ 2B

0130 C. çç[HK1_DMP_BLOCK_NUM] EQ 3

0131 C. çç[HK1_DMP_REPEAT_NUM] EQ 0

0132 C. çç[HK1_DMA_DMP_PIM] EQ DHU

0133 +. DC 01-22 DHU_MODE_CHNG

0134 BC (07 0b f8)

0135 C. çç[HK1_PKT_FORM_NO] EQ 7

0136 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s

0137 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k

0138 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M

0139 C. çç[HK1_DMP_CHK_FLG] EQ EXEC

0140 C.

0141 . C. YÄYÖYx¼ª¹İ»0ð³İÇ§

0142 C. çç[HK1_DMP_CHK_FLG] EQ NON

0143 C.

0144 . C. RAM ID=TI_TBL0İ%È¹Ç•è²İOK0ð³İÇ§

0145 C.

0146 . C. DHUYâ;¼YÉ;È¼Y¼, Yî;¼YÈ;È0ðİá0¹

0147 +. DC 01-22 DHU_MODE_CHNG

0148 BC (02 0a f8)

0149 C. çç[HK1_PKT_FORM_NO] EQ 2

0150 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S

0151 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K

0152 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M

0153 C.

0154 C. *****

0155 C. SOT TI command set

0156 C. *****

0157 C. Execute, after the success of OP upload.

0158 +. TI 2022-11-19 11:27:16.0

0159 DC 07-F0 MDP_SOT_MODE_STBY

0160 BC (41)

0161 . C. -----

0162 C. HK1_TI_CMD_NUM = 1 CNTUP []

0163 C. -----

0164 C. ***** SOT END *****

0165 . C. Stop EIS observation and temporarily disable EIS mode changes

0166 C.

0167 C.

0168 C. ***** Start EIS operation (TI set) *****

0169 C. Execute, after the success of OP upload.

0170 C. Set EIS TI-commands

0171 +. TI 2022-11-19 11:27:30.0

0172 DC 07-FC EIS_MODE_MANU

0173 BC (21 02)

0174 +. TI 2022-11-19 11:27:40.0

0175 DC 07-FC EIS_MODE_CHG_DIS

0176 BC (22)

0177 . C. [] [HK1_TI_CMD_NUM] EQ 2 COUNTUP

0178 C. ***** End EIS operation (TI set) *****

0179 C.

0180 C.

0181 C.

0182 C. ***** XRT START *****

0183 C. Execute, after the success of OP upload.

0184 +. TI 2022-11-19 11:27:00.0

0185 DC 07-F0 MDP_XRT_MODE_STBY

0186 BC (c3)

0187 . C. [] [HK1_TI_CMD_NUM] EQ 1COUNTUP

0188 C.

0189 C. ***** XRT END *****

0190 C.

0191 . C. ***** MDP ¼Äİ0İ»ö¼Y0ÈÄ0¹0èDCBC•x²è *****

0192 C. (¼0İYÖYÄYÉYFÿYÁYçYè0E¼00¼Ä»Ü0¹0é)

0193 . S. DC-BC dcbc-402:DCBC

```
0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥ÐŸ!•İ Daily±;İÑøĒ'Øσ¹αēDCBC•x²è *****
0198 . S. DC-BC dcbc-153:DCBC
0199 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0200 C.
0201 C.
0202 . C. ;ãLOS¥Á¥S¥Ã¥~¼Â»Ü;ã
0203 C.
0204 . C. ***** LOS *****
0205 C.
```



```
0096 C.
0097 C.
0098 . C. ***** AOCSS Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ( )
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE STATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCSS Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCSDUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 . C.
0129 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0130 +. DC 07-FC EIS_MODE_CHG_ENA
0131 BC (20)
0132 . C. Verify EIS_MODE_CHG_FLG is ENA
0133 +. DC 07-FC EIS_MODE_MANU
0134 BC (21 02)
0135 . C. Verify EIS in MANUAL mode
0136 . C. Estimated OBSTBL upload time is 12s
0137 C. *****
0138 C. EIS START OBSTBL LOAD
0139 C. *****
0140 . S. RAM ram-820:EIS_OBSTBL
0141 ( )
0142 +. DC 07-FC EIS_DUMP_OBSTBL
0143 BC (07 07 07 00 00 70 00)
0144 C.
0145 C. Execute, after the success of OBSTBL upload.
0146 C. Set EIS TI-commands
0147 +. TI 2022-11-19 11:27:50.0
0148 DC 07-FC EIS_MODE_CHG_ENA
0149 BC (20)
0150 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0151 C. *****
0152 C. EIS END OBSTBL LOAD
0153 C. *****
0154 . C. ===== Begin of AOCSS CMD Sequence =====
0155 . C.
0156 C. *****
0157 . C. *****
0158 . C. *****
0159 . C.
0160 . C. *****
0161 . C. MDRV OFF
0162 . C. *****
0163 . C.
0164 C. *****
0165 +. DC 02-33 AOCU_MDRV-X_OFF
0166 +. DC 02-34 AOCU_MDRV-Y_OFF
0167 +. DC 02-35 AOCU_MDRV-Z_OFF
0168 . C. [ ] <A_AOS> [COMPONENT STS] <MDRV> X = OFF ?
0169 . C. [ ] <A_AOS> [COMPONENT STS] <MDRV> Y = OFF ?
0170 . C. [ ] <A_AOS> [COMPONENT STS] <MDRV> Z = OFF ?
0171 . C.
0172 . C.
0173 . C. *****
0174 C. *****
0175 . C. *****
0176 . C. MDRV ON
0177 . C. *****
0178 . C.
0179 C. *****
0180 +. DC 02-32 AOCU_MDRV_ON
0181 . C. [ ] <A_AOS> [COMPONENT STS] <MDRV> X = ON ?
0182 . C. [ ] <A_AOS> [COMPONENT STS] <MDRV> Y = ON ?
0183 . C. [ ] <A_AOS> [COMPONENT STS] <MDRV> Z = ON ?
0184 . C.
0185 . C.
0186 C. ===== End of AOCSS CMD Sequence =====
0187 . C.
0188 C.
0189 C. *****
0190 C. (*****
0191 . S. DC-BC dcbc-402:DCBC
0192 (MDP_known_event)
0193 C.
```

0194 C.
0195 . C. ***** ¥D¥1•İ Daily±;İÑñÈ'Øñ¹ñèDCBC•x²è *****
0196 . S. DC-BC dcbc-153:DCBC
0197 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0198 C.
0199 C.
0200 . C. ;ãLOS¥Á¥S¥Ã¥-¼Á»Û;ã
0201 C.
0202 . C. ***** LOS *****
0203 C.


```

0096 C.
0097 C.
0098 C.
0099 C. ***** XRT START *****
0100 C.
0101 +. DC 07-F0 MDP_XRT_CTRL_MANU
0102 BC (c1)
0103 + DC 07-F0 MDP_XRT_MODE_STBY
0104 BC (c3)
0105 . C. ----- Success Verify ? OK / NG____
0106 C.
0107 C. XRT Obs. Table Upload
0108 . S. RAM ram-291:MDP_OBS_X
0109 ( )
0110 C.
0111 +. DC 07-F0 MDP_DUMP_XRTTBL
0112 BC (84 07 00 00 00 3a d4)
0113 . C. ----- Comparison Check ? OK / ERR ____
0114 C.
0115 C.
0116 +. DC 07-F0 MDP_XRT_ROI_SET
0117 BC (cd 01 b1 b1 04 04)
0118 + DC 07-F0 MDP_XRT_ROI_SET
0119 BC (cd 02 b1 b1 08 08)
0120 + DC 07-F0 MDP_XRT_ROI_SET
0121 BC (cd 03 b1 b1 08 08)
0122 + DC 07-F0 MDP_XRT_ROI_SET
0123 BC (cd 04 b1 b1 06 06)
0124 + DC 07-F0 MDP_XRT_ROI_SET
0125 BC (cd 05 85 83 06 06)
0126 + DC 07-F0 MDP_XRT_ROI_SET
0127 BC (cd 06 85 83 06 06)
0128 + DC 07-F0 MDP_XRT_ROI_SET
0129 BC (cd 07 80 80 08 08)
0130 + DC 07-F0 MDP_XRT_ROI_SET
0131 BC (cd 08 80 80 20 20)
0132 + DC 07-F0 MDP_XRT_ROI_SET
0133 BC (cd 09 80 80 20 08)
0134 + DC 07-F0 MDP_XRT_ROI_SET
0135 BC (cd 0a 80 80 08 20)
0136 + DC 07-F0 MDP_XRT_ROI_SET
0137 BC (cd 0f 80 80 06 06)
0138 + DC 07-F0 MDP_XRT_ROI_SET
0139 BC (cd 10 80 80 08 08)
0140 + DC 07-F0 MDP_XRT_FLD_ENA
0141 BC (d8)
0142 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0143 BC (c8)
0144 + DC 07-F0 MDP_XRT_ARS_DIS
0145 BC (d5)
0146 + DC 07-F0 MDP_XRT_AEC_RESET
0147 BC (d0)
0148 + DC 07-F0 MDP_XRT_FLD_RESET
0149 BC (da)
0150 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0151 BC (c4 0c)
0152 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0153 BC (c5 04)
0154 . C. ----- Success Verify ? OK / NG ____
0155 C.
0156 C.
0157 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0158 C.
0159 +. DC 07-F0 MDP_XRT_MODE_OBSV
0160 BC (c2)
0161 +. TI 2022-11-19 11:27:02.0
0162 DC 07-F0 MDP_XRT_MODE_OBSV
0163 BC (c2)
0164 . C. ----- Success Verify ? OK / NG ____
0165 C.
0166 C. ***** XRT END *****
0167 . C. *****
0168 C. SOT table upload
0169 C. *****
0170 . C. < Stop SP table >
0171 +. DC 07-F0 MDP_SP_CTRL_MANU
0172 BC (61)
0173 C. -----
0174 C. MDP_SP_CTRL_MODE = MANU [ ]
0175 C. -----
0176 C.
0177 . C. <Upload SP Observation Table>
0178 . S. RAM ram-285:MDP_OBS_S
0179 ( )
0180 C.
0181 . C. < Dump RAMID=MDP_OBS_S >
0182 +. DC 07-F0 MDP_DUMP_SPTBL
0183 BC (83 07 00 00 00 38 b8)
0184 C. -----
0185 C. MDP_OBS_S verify = OK/NG [ ]
0186 C. -----
0187 C.
0188 C. *****
0189 C. SOT TI command set
0190 C. *****
0191 C. Execute, after the success of TBL upload.
0192 +. TI 2022-11-19 11:27:18.0
0193 DC 07-F0 MDP_SOT_MODE_OBSV

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```
0194 BC (40)
0195 . C. -----
0196 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0197 C. -----
0198 C.
0199 C.
0200 . C. ***** MDP 'ûÃîñî»ò¼ŷñÊÂĐñ¹ñèDCBC•x²è *****
0201 C. (¼á°îŷÓŷÃŷÈŷŦŷËŷáŷçŷèñÊ¼ñ¼Ã»Ûñ¹ñè)
0202 . S. DC-BC dcbc-402:DCBC
0203 (MDP_known_event)
0204 C.
0205 C.
0206 . C. ***** ŷĐŷ¹•İ Daily±¿İÑñË´Øñ¹ñèDCBC•x²è *****
0207 . S. DC-BC dcbc-153:DCBC
0208 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0209 C.
0210 C.
0211 . C. ¡ãLOSŷÁŷŞŷÃŷ¬¼Ã»Ûñ¹ñè
0212 C.
0213 . C. ***** LOS *****
0214 C.
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*** OP Sequence for XRT ***

2022/11/19	11:37:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/11/19	11:37:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/11/19	11:37:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2022/11/19	11:38:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01 03 74 01 db				
2022/11/19	11:38:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2022/11/19	11:38:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2022/11/19	11:38:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2022/11/19	11:38:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2022/11/19	11:38:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2022/11/19	11:40:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09				
2022/11/19	11:40:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2022/11/19	11:41:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2022/11/19	16:27:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/11/19	16:27:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/11/19	16:27:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2022/11/19	16:27:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2022/11/19	16:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2022/11/19	16:50:00.0	XRT_Custom_430_OG [0x1ae]							
2022/11/19	16:51:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2022/11/19	17:33:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/11/19	17:33:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/11/19	17:33:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2022/11/19	17:34:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2022/11/19	17:34:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2022/11/19	17:34:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2022/11/19	17:34:22.0	XRT_ARS_DIS_444_OG [0x1bc]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2022/11/19	17:36:58.0	XRT_QT_PROG_SET_442_OG [0x1ba]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12				
2022/11/19	17:37:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2022/11/19	17:48:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/11/19	17:48:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/11/19	17:48:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2022/11/19	17:49:00.5	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01 03 74 01 db				
2022/11/19	17:49:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2022/11/19	17:49:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2022/11/19	17:49:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2022/11/19	17:49:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2022/11/19	17:49:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2022/11/19	17:51:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09				
2022/11/19	17:51:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2022/11/19	17:52:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2022/11/19	18:03:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/11/19	18:03:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/11/19	18:03:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2022/11/19	18:03:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2022/11/19	18:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2022/11/19	18:27:00.0	XRT_Custom_430_OG [0x1ae]							
2022/11/19	18:28:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							

2022/11/19	19:40:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/19	19:40:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/19	19:40:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/19	19:40:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/11/19	19:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/11/19	20:03:30.0	XRT_Custom_430_OG [0x1ae]				
2022/11/19	20:04:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/19	21:17:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/19	21:17:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/19	21:17:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/19	21:17:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/11/19	21:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/11/19	21:40:30.0	XRT_Custom_430_OG [0x1ae]				
2022/11/19	21:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/19	22:54:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/19	22:54:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/19	22:54:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/19	22:54:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/11/19	22:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/11/19	23:16:30.5	XRT_Custom_430_OG [0x1ae]				
2022/11/19	23:17:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/20	00:32:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/20	00:32:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/20	00:32:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/20	00:32:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/11/20	00:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/11/20	00:44:00.0	XRT_Custom_430_OG [0x1ae]				
2022/11/20	00:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/20	01:59:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/20	01:59:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/20	01:59:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/20	01:59:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/11/20	02:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/11/20	02:15:00.0	XRT_Custom_430_OG [0x1ae]				
2022/11/20	02:16:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/20	03:30:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/20	03:30:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/20	03:30:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/20	03:30:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/11/20	03:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/11/20	03:51:00.0	XRT_Custom_430_OG [0x1ae]				
2022/11/20	03:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/20	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/20	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/20	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2022/11/20	04:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00
2022/11/20	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2022/11/20	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2022/11/20	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0

2022/11/20	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2022/11/20	04:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/20	04:02:56.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07
2022/11/20	04:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04
2022/11/20	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/20	04:59:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/20	04:59:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/20	04:59:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/20	04:59:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/11/20	05:02:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/11/20	05:28:30.0	XRT_Custom_430_OG [0x1ae]					
2022/11/20	05:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/20	05:54:00.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/20	05:54:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/20	05:54:04.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2022/11/20	05:54:24.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2022/11/20	05:54:26.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2022/11/20	05:54:28.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2022/11/20	05:54:30.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	14
2022/11/20	05:54:32.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/20	06:06:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/20	06:06:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/20	06:06:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2022/11/20	06:06:30.0	AOCS_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	02 03 74 01	db
2022/11/20	06:06:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2022/11/20	06:06:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2022/11/20	06:06:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2022/11/20	06:06:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2022/11/20	06:06:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/20	06:09:26.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09
2022/11/20	06:09:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04
2022/11/20	06:09:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/20	06:39:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/20	06:39:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/20	06:39:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/20	06:39:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/11/20	06:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/11/20	07:06:00.0	XRT_Custom_430_OG [0x1ae]					
2022/11/20	07:07:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/20	08:19:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/20	08:19:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/20	08:19:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/20	08:19:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/11/20	08:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/11/20	08:43:00.0	XRT_Custom_430_OG [0x1ae]					
2022/11/20	08:44:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/20	09:59:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/20	09:59:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	

2022/11/20	09:59:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/20	09:59:06.0	XRT_PREFLR_STRT_436_OG [0x1b4] MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/11/20	10:02:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/11/20	10:19:00.0	XRT_Custom_430_OG [0x1ae]				
2022/11/20	10:20:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/20	11:41:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/20	11:41:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/20	11:41:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/20	11:41:36.0	XRT_PREFLR_STRT_436_OG [0x1b4] MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/11/20	11:44:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/11/20	11:45:30.0	XRT_Custom_430_OG [0x1ae]				
2022/11/20	11:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/20	15:27:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/20	15:27:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/20	15:27:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/20	15:27:36.0	XRT_PREFLR_STRT_436_OG [0x1b4] MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/11/20	15:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/11/20	15:36:30.0	XRT_Custom_430_OG [0x1ae]				
2022/11/20	15:37:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/20	17:01:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/20	17:01:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/20	17:01:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/20	17:01:36.0	XRT_PREFLR_STRT_436_OG [0x1b4] MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/11/20	17:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/11/20	17:25:00.0	XRT_Custom_430_OG [0x1ae]				
2022/11/20	17:26:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/20	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/20	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/20	17:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2022/11/20	18:00:00.0	AOCS_Orе-point_Start_2_OG [0x098] AOCU_NM	5	02-76	00 00 00 00 00	
2022/11/20	18:00:18.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0	d9	
2022/11/20	18:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2022/11/20	18:00:22.0	XRT_ARS_DIS_444_OG [0x1bc] MDP_XRT_ARS_DIS	1	07-F0	d5	
2022/11/20	18:02:58.0	XRT_QT_PROG_SET_442_OG [0x1ba] MDP_XRT_QT_PROG_SET	2	07-F0	c4 12	
2022/11/20	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/20	18:14:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/20	18:14:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/20	18:14:58.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2022/11/20	18:15:00.0	AOCS_Orе-point_Start_4_OG [0x09a] AOCU_NM	5	02-76	04 03 74 01 db	
2022/11/20	18:15:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8	
2022/11/20	18:15:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2022/11/20	18:15:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0	
2022/11/20	18:15:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5	
2022/11/20	18:15:26.0	XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/20	18:17:56.0	XRT_QT_PROG_SET_439_OG [0x1b7] MDP_XRT_QT_PROG_SET	2	07-F0	c4 11	
2022/11/20	18:17:58.0	XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2022/11/20	18:18:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/20	18:38:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/20	18:38:02.0	XRT_CTRL_MANU_402_OG [0x192]				

2022/11/20	18:38:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/20	18:38:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/20	18:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/11/20	19:01:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/11/20	19:02:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/20	20:15:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/20	20:15:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/20	20:15:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/20	20:15:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/11/20	20:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/11/20	20:38:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/20	20:39:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/20	21:52:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/20	21:52:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/20	21:52:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/20	21:52:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/11/20	21:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/11/20	22:15:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/20	22:16:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/20	23:29:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/20	23:29:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/20	23:29:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/20	23:29:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/11/20	23:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/11/20	23:50:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/20	23:51:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/21	01:06:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/21	01:06:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/21	01:06:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/21	01:06:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/11/21	01:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/11/21	01:15:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/21	01:16:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/21	02:30:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/21	02:30:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/21	02:30:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/21	02:30:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/11/21	02:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/11/21	02:49:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/21	02:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/21	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/21	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/21	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2022/11/21	04:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00
2022/11/21	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2022/11/21	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2022/11/21	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2022/11/21	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2022/11/21	04:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da

2022/11/21	04:02:56.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07
2022/11/21	04:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04
2022/11/21	04:05:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/21	04:05:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/21	04:05:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/21	04:05:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/11/21	04:08:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/11/21	04:26:00.5	XRT_Custom_430_OG [0x1ae]					
2022/11/21	04:27:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/21	05:35:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/21	05:35:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/21	05:35:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/21	05:35:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/11/21	05:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/11/21	06:03:30.0	XRT_Custom_430_OG [0x1ae]					
2022/11/21	06:04:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/21	06:11:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/21	06:11:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/21	06:11:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2022/11/21	06:12:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2022/11/21	06:12:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2022/11/21	06:12:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2022/11/21	06:12:24.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	12
2022/11/21	06:12:26.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/21	06:22:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/21	06:22:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/21	06:22:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00
2022/11/21	06:22:30.0	AOCs_OrE-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	04 03 74 01	db
2022/11/21	06:22:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2022/11/21	06:22:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2022/11/21	06:22:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2022/11/21	06:22:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2022/11/21	06:22:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/21	06:25:26.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	11
2022/11/21	06:25:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04
2022/11/21	06:25:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/21	07:15:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/21	07:15:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/21	07:15:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/21	07:15:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/11/21	07:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/11/21	07:41:00.0	XRT_Custom_430_OG [0x1ae]					
2022/11/21	07:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/21	08:55:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/21	08:55:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/21	08:55:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/21	08:55:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/11/21	08:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	

2022/11/21	09:17:30.0	XRT_Custom_430_OG [0x1ae]			
2022/11/21	09:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/21	10:35:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/21	10:35:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/21	10:35:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/21	10:35:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/11/21	10:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/11/21	10:54:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/21	10:54:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/21	10:54:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2022/11/21	10:55:00.0	AOCS_ORe-point_Start_5_OG [0x09b]			
		AOCU_NM	5	02-76	00 28 00 b4 73
2022/11/21	10:55:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2022/11/21	10:55:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2022/11/21	10:55:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2022/11/21	10:55:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2022/11/21	10:55:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/21	10:57:56.0	XRT_QT_PROG_SET_417_OG [0x1a1]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2022/11/21	10:57:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2022/11/21	10:58:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/21	15:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/21	15:59:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/21	15:59:58.0	XRT_FOCUS_RECALIBRATE_445_OG [0x1bd]			
		XRT_FOCUS_RECAL	2	07-F8	78 00
2022/11/21	16:00:00.0	AOCS_ORe-point_Start_4_OG [0x09a]			
		AOCU_NM	5	02-76	04 03 74 01 db
2022/11/21	16:03:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2022/11/21	16:04:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2022/11/21	16:04:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2022/11/21	16:04:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2022/11/21	16:04:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2022/11/21	16:04:26.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/21	16:04:28.0	XRT_QT_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11
2022/11/21	16:04:30.0	XRT_FL_PROG_SET_418_OG [0x1a2]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2022/11/21	16:13:00.0	XRT_Custom_430_OG [0x1ae]			
2022/11/21	16:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/21	17:36:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/21	17:36:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/21	17:36:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/21	17:36:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/11/21	17:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/11/21	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/21	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/21	17:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2022/11/21	18:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2022/11/21	18:00:18.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2022/11/21	18:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2022/11/21	18:00:22.0	XRT_ARS_DIS_444_OG [0x1bc]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2022/11/21	18:02:58.0	XRT_QT_PROG_SET_442_OG [0x1ba]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2022/11/21	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/21	18:14:54.0	XRT_CTRL_MANU_402_OG [0x192]			

2022/11/21	18:14:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/21	18:14:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/21	18:15:00.0	AOCs_Orе-point_Start_6_OG [0x09c]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2022/11/21	18:15:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	03 03 74 01 db		
2022/11/21	18:15:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2022/11/21	18:15:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2022/11/21	18:15:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2022/11/21	18:15:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2022/11/21	18:17:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da		
2022/11/21	18:17:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11		
2022/11/21	18:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2022/11/21	19:13:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/11/21	19:13:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/21	19:13:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/21	19:13:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_FLD_RESET	1	07-F0	da		
2022/11/21	19:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2022/11/21	19:36:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2022/11/21	19:37:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]					
2022/11/21	20:49:30.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]					
2022/11/21	20:49:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/11/21	20:49:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/21	20:49:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/21	20:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da		
2022/11/21	21:13:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2022/11/21	21:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2022/11/21	22:27:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]					
2022/11/21	22:27:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/11/21	22:27:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/21	22:27:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/21	22:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da		
2022/11/21	22:50:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2022/11/21	22:51:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2022/11/22	00:04:30.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]					
2022/11/22	00:04:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/11/22	00:04:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/22	00:04:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/22	00:07:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da		
2022/11/22	00:22:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2022/11/22	00:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2022/11/22	01:41:30.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]					
2022/11/22	01:41:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/11/22	01:41:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/22	01:41:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/22	01:44:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da		
2022/11/22	01:48:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2022/11/22	01:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2022/11/22	03:04:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]					
2022/11/22	03:04:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/11/22	03:04:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		

2022/11/22	03:04:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/22	03:07:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/11/22	03:24:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/11/22	03:25:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2022/11/22	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/22	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/22	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/22	04:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2022/11/22	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 00 00 00 00	
2022/11/22	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2022/11/22	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2022/11/22	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2022/11/22	04:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2022/11/22	04:02:56.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/22	04:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07	
2022/11/22	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2022/11/22	04:35:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/22	04:35:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/22	04:35:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/22	04:35:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/22	04:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/11/22	05:01:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/11/22	05:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2022/11/22	05:43:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/22	05:43:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/22	05:43:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/22	05:44:18.0	XRT_FLD_DIS_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2022/11/22	05:44:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2022/11/22	05:44:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2022/11/22	05:44:24.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2022/11/22	05:44:26.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12	
2022/11/22	05:54:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/22	05:54:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/22	05:54:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/22	05:54:30.0	AOCS_ORe-point_Start_6_OG [0x09c]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2022/11/22	05:54:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	03 03 74 01 db	
2022/11/22	05:54:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2022/11/22	05:54:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2022/11/22	05:54:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2022/11/22	05:54:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2022/11/22	05:57:26.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/22	05:57:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11	
2022/11/22	05:57:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2022/11/22	06:11:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/22	06:11:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/22	06:11:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/22	06:11:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/22			MDP_XRT_PREFLR_STRT	1	07-F0	e8	

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2022/11/22	06:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2022/11/22	06:38:30.0	XRT_Custom_430_OG [0x1ae]							
2022/11/22	06:39:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2022/11/22	07:51:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/11/22	07:51:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/11/22	07:51:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2022/11/22	07:51:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2022/11/22	07:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2022/11/22	08:15:30.0	XRT_Custom_430_OG [0x1ae]							
2022/11/22	08:16:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2022/11/22	09:31:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/11/22	09:31:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/11/22	09:31:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2022/11/22	09:31:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2022/11/22	09:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2022/11/22	11:11:00.0	AOCS_Or-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				