

XRT Timeline to be uploaded on 2023/06/27

Period: 2023/06/27 10:49:00 - 2023/07/05 11:18:00

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Normal mode

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XOB #1B8F: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 1st Quadrant - Al/mesh(512ms), Al/Poly(1443ms) - w leak image-1msCCD													
Term	Pointing (x, y)						Comment						
06/28 12:03:00 - 06/28 12:09:54	Fixed (-528.4, -528.4)						# XRT post-bakeout quadrant calibration 1/4.						
PROG= 09 1-time(s)													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 51 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 1536)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 1536)	Q=90	0	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (1536, 1536)	Q=98	0	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (1536, 1536)	Q=98	0	0	2.0sec
└─ Subr= 2 1-time(s) 2.0sec													
└─ Seqn= 19 2-time(s) 2.0sec													
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Subr= 3 2-time(s) 2.0sec													
└─ Seqn= 34 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1B90: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 2nd Quadrant - Al/mesh (512ms), Al/Poly (1443ms) - w leak image-1 ms													
Term	Pointing (x, y)						Comment						
06/28 12:13:00 - 06/28 12:19:54	Fixed (528.4, -528.4)						# 2/4						
PROG= 10 1-time(s)													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 38 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (512, 1536)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (512, 1536)	Q=90	0	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (512, 1536)	Q=98	0	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (512, 1536)	Q=98	0	0	2.0sec
└─ Subr= 2 1-time(s) 2.0sec													
└─ Seqn= 19 2-time(s) 2.0sec													
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Subr= 3 2-time(s) 2.0sec													
└─ Seqn= 34 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1B91: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 3rd Quadrant - Al/mesh (512ms), Al/Poly (1443ms) - w leak image-1 ms													
Term	Pointing (x, y)						Comment						
06/28 12:23:00 - 06/28 12:31:30	Fixed (528.4, 528.4)						# 3/4						
PROG= 15 1-time(s)													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 21 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (512, 512)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (512, 512)	Q=90	0	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (512, 512)	Q=98	0	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (512, 512)	Q=98	0	0	2.0sec
└─ Subr= 2 1-time(s) 2.0sec													
└─ Seqn= 19 2-time(s) 2.0sec													
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Subr= 3 2-time(s) 2.0sec													
└─ Seqn= 34 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1B92: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 4th Quadrant - Al/mesh (512ms), Al/Poly (1443ms) - w leak image-1 ms													
Term	Pointing (x, y)						Comment						
06/28 13:03:00 - 06/28 13:09:54	Fixed (-528.4, 528.4)						# 4/4						
PROG= 01 1-time(s)													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 14 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 512)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 512)	Q=90	0	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (1536, 512)	Q=98	0	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (1536, 512)	Q=98	0	0	2.0sec
└─ Subr= 2 1-time(s) 2.0sec													

Seqn= 19		2-time(s)		2.0sec														
Open/Al-mesh		Open/Ti-poly		close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)			Q=95	0	0	2.0sec		
Al-poly/Open		med-Be/Open		close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)			Q=95	0	0	2.0sec		
Subr= 3		2-time(s)		2.0sec														
Seqn= 34		1-time(s)		2.0sec														
Open/G-band		Open/G-band		open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)			Q=90	0	0	2.0sec		
Open/G-band		Open/G-band		close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)			Q=95	0	0	2.0sec		
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)			Comp.	AEC Buffer	Interval					

XOB #1CF6: Synoptic for HOP448 w/ Al-mesh(12/181/1024), Al-poly(12/181/1443), Thin-Be(64/512/4096), Thick-Be(65536), Med-Al(512/8192/32768), Med-Be(64/512/4096)

Term	Pointing (x, y)	Comment
06/28 13:13:00 - 06/28 13:19:54	Fixed (0.0, 0.0)	# Extra synoptic
06/28 18:08:30 - 06/28 18:15:24	Fixed (0.0, 0.0)	synoptic, shifted 5.5 min
06/29 05:53:00 - 06/29 05:59:54	Fixed (0.0, 0.0)	synoptic, shifted -10.0 min
06/29 17:49:30 - 06/29 17:56:24	Fixed (0.0, 0.0)	synoptic, shifted -13.5 min
06/30 06:08:30 - 06/30 06:15:24	Fixed (0.0, 0.0)	synoptic, shifted 5.5 min + HOP 349.
06/30 17:56:00 - 06/30 18:02:54	Fixed (0.0, 0.0)	synoptic, shifted -7.0 min
07/01 05:24:30 - 07/01 05:31:24	Fixed (0.0, 0.0)	synoptic, shifted -38.5 min
07/01 18:14:00 - 07/01 18:20:54	Fixed (0.0, 0.0)	synoptic, shifted 11.0 min
07/02 05:59:00 - 07/02 06:05:54	Fixed (0.0, 0.0)	synoptic, shifted -4.0 min + HOP 349
07/02 17:55:30 - 07/02 18:02:24	Fixed (0.0, 0.0)	synoptic, shifted -7.5 min
07/03 06:14:30 - 07/03 06:21:24	Fixed (0.0, 0.0)	synoptic, shifted 11.5 min. HOP 349. SOT flat fields.
07/03 18:02:00 - 07/03 18:08:54	Fixed (0.0, 0.0)	synoptic, shifted -1.0 min
07/04 05:46:30 - 07/04 05:53:30	Fixed (0.0, 0.0)	synoptic, shifted -32.5 min + HOP 349 + SOT flats

PROG= 14		1-time(s)		2.0sec														
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= 25		1-time(s)		2.0sec														
Open/Al-mesh		Open/Al-mesh		close	Safe	Norm	12ms	Obs	2x2	2048x2048 (1024, 1024)			Q=95	0	0	2.0sec		
Open/Al-mesh		Open/Al-mesh		close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)			Q=95	0	0	2.0sec		
Open/Al-mesh		Open/Al-mesh		close	Safe	Norm	1.00s	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= 57		1-time(s)		2.0sec														
thin-Be/Open		thin-Be/Open		close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)			Q=95	0	0	2.0sec		
thin-Be/Open		thin-Be/Open		close	Safe	Norm	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= 46		1-time(s)		2.0sec														
Open/thick-Be		Open/thick-Be		close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)			Q=98	0	0	2.0sec		
Seqn= 40		1-time(s)		2.0sec														
med-Al/Open		med-Al/thick-Al		close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)			Q=95	0	0	2.0sec		
med-Al/Open		med-Al/Open		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= 95		1-time(s)		2.0sec														
med-Be/Open		Open/thick-Al		close	Safe	Norm	250ms	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					

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

Term	Pointing (x, y)	Comment
06/28 13:27:05 - 06/28 17:26:30	Track (518.8, -366.4) [Ⓜ] 06/28 13:20:00	# AR cont.
06/28 18:18:30 - 06/29 05:49:54	Track (552.9, -365.5) [Ⓜ] 06/28 18:15:30	# AR cont.
06/29 06:03:00 - 06/29 17:46:24	Track (628.8, -362.9) [Ⓜ] 06/29 06:00:00	# AR cont.
06/29 17:59:30 - 06/30 03:43:00	Track (697.6, -359.8) [Ⓜ] 06/29 17:56:30	# AR cont.
06/30 06:18:30 - 06/30 17:52:54	Track (758.7, -356.1) [Ⓜ] 06/30 06:15:30	# AR cont.
06/30 18:06:00 - 06/30 23:31:00	Track (807.0, -352.0) [Ⓜ] 06/30 18:03:00	# AR cont.
07/01 03:19:00 - 07/01 05:21:24	Track (836.7, -348.6) [Ⓜ] 07/01 03:00:00	# AR cont.
07/01 05:34:30 - 07/01 17:32:30	Track (844.0, -347.7) [Ⓜ] 07/01 05:31:30	# AR cont.
07/01 18:24:00 - 07/02 03:59:54	Track (873.0, -342.4) [Ⓜ] 07/01 18:21:00	# AR cont.
07/02 06:09:00 - 07/02 17:52:24	Track (611.8, 129.1) [Ⓜ] 07/02 06:06:00	# AR 13351 observations.
07/02 18:05:30 - 07/03 06:11:24	Track (683.9, 132.4) [Ⓜ] 07/02 18:02:30	# AR cont.
07/03 07:48:00 - 07/03 17:58:54	Track (755.3, 136.8) [Ⓜ] 07/03 07:45:00	# AR cont.

PROG= 19		Inf.-time(s)		2.0sec														
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		

Subr= 2	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
	5-time(s)		2.0sec										
	Seqn= 47		1-time(s)		2.0sec								
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
	Seqn= 96		4-time(s)		120.0sec								
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1CD0: HOP349 - 3-filter Synoptics (Al-mesh[2/128/723], Al-poly[12/181/1443], thin-Be[24/512/3897] with 512x512 G-band+Leak - 300min cad) + CME w

Term	Pointing (x, y)	Comment
06/30 04:22:30 - 06/30 06:05:24	Fixed (0.0, 0.0)	synoptic, shifted 5.5 min + HOP 349.
07/02 04:03:00 - 07/02 05:55:54	Fixed (0.0, 0.0)	synoptic, shifted -4.0 min + HOP 349
07/03 06:24:30 - 07/03 06:58:30	Fixed (0.0, 0.0)	synoptic, shifted 11.5 min. HOP 349. SOT flat fields.
07/04 04:18:00 - 07/04 05:43:24	Fixed (0.0, 0.0)	synoptic, shifted -32.5 min + HOP 349 + SOT flats

PROG= 05 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	20-time(s)		900.0sec										
	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 #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
07/01 00:03:30 - 07/01 02:42:00	Track (-15.0, -118.5) @ 07/01 00:00:00	# HOP 393.

PROG= 07 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	

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
07/03 18:16:00 - 07/04 04:14:54	Track (800.5, 140.6) @ 07/03 18:09:00	# AR cont.
07/04 06:41:30 - 07/04 10:49:54	Track (843.5, 145.6) @ 07/04 06:30:00	# AR cont.

PROG= 03 Inf.-time(s)

Subr= 1	1-time(s)	2.0sec											
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Seqn= 92		1-time(s)		2.0sec											
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec			
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec			
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec			
Subr= 2		5-time(s)		2.0sec											
Seqn= 47		1-time(s)		2.0sec											
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec			
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec			
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec			
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec			
Seqn= 96		4-time(s)		90.0sec											
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec			
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec			
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec			
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec			
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec			
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec			
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval				

* * * * *

Flare mode

* * * * *

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) + G

Term	Pointing (x, y)	Comment
06/28 13:27:05 - 06/28 17:26:30	Track (518.8, -366.4) ^{Ⓜ 06/28 13:20:00}	# AR cont.
06/28 18:18:30 - 06/29 05:49:54	Track (552.9, -365.5) ^{Ⓜ 06/28 18:15:30}	# AR cont.
06/29 06:03:00 - 06/29 17:46:24	Track (628.8, -362.9) ^{Ⓜ 06/29 06:00:00}	# AR cont.
06/29 17:59:30 - 06/30 03:43:00	Track (697.6, -359.8) ^{Ⓜ 06/29 17:56:30}	# AR cont.
06/30 04:22:30 - 06/30 06:05:24	Fixed (0.0, 0.0)	synoptic, shifted 5.5 min + HOP 349.
06/30 06:18:30 - 06/30 17:52:54	Track (758.7, -356.1) ^{Ⓜ 06/30 06:15:30}	# AR cont.
06/30 18:06:00 - 06/30 23:31:00	Track (807.0, -352.0) ^{Ⓜ 06/30 18:03:00}	# AR cont.
07/01 00:03:30 - 07/01 02:42:00	Track (-15.0, -118.5) ^{Ⓜ 07/01 00:00:00}	# HOP 393.
07/01 03:19:00 - 07/01 05:21:24	Track (836.7, -348.6) ^{Ⓜ 07/01 03:00:00}	# AR cont.
07/01 05:34:30 - 07/01 17:32:30	Track (844.0, -347.7) ^{Ⓜ 07/01 05:31:30}	# AR cont.
07/01 18:24:00 - 07/02 03:59:54	Track (873.0, -342.4) ^{Ⓜ 07/01 18:21:00}	# AR cont.
07/02 04:03:00 - 07/02 05:55:54	Fixed (0.0, 0.0)	synoptic, shifted -4.0 min + HOP 349
07/02 06:09:00 - 07/02 17:52:24	Track (611.8, 129.1) ^{Ⓜ 07/02 06:06:00}	# AR 13351 observations.
07/02 18:05:30 - 07/03 06:11:24	Track (683.9, 132.4) ^{Ⓜ 07/02 18:02:30}	# AR cont.
07/03 06:24:30 - 07/03 06:58:30	Fixed (0.0, 0.0)	synoptic, shifted 11.5 min. HOP 349. SOT flat fields.
07/03 07:48:00 - 07/03 17:58:54	Track (755.3, 136.8) ^{Ⓜ 07/03 07:45:00}	# AR cont.
07/03 18:16:00 - 07/04 04:14:54	Track (800.5, 140.6) ^{Ⓜ 07/03 18:09:00}	# AR cont.
07/04 04:18:00 - 07/04 05:43:24	Fixed (0.0, 0.0)	synoptic, shifted -32.5 min + HOP 349 + SOT flats
07/04 06:41:30 - 07/04 10:49:54	Track (843.5, 145.6) ^{Ⓜ 07/04 06:30:00}	# AR cont.

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

* * * * *

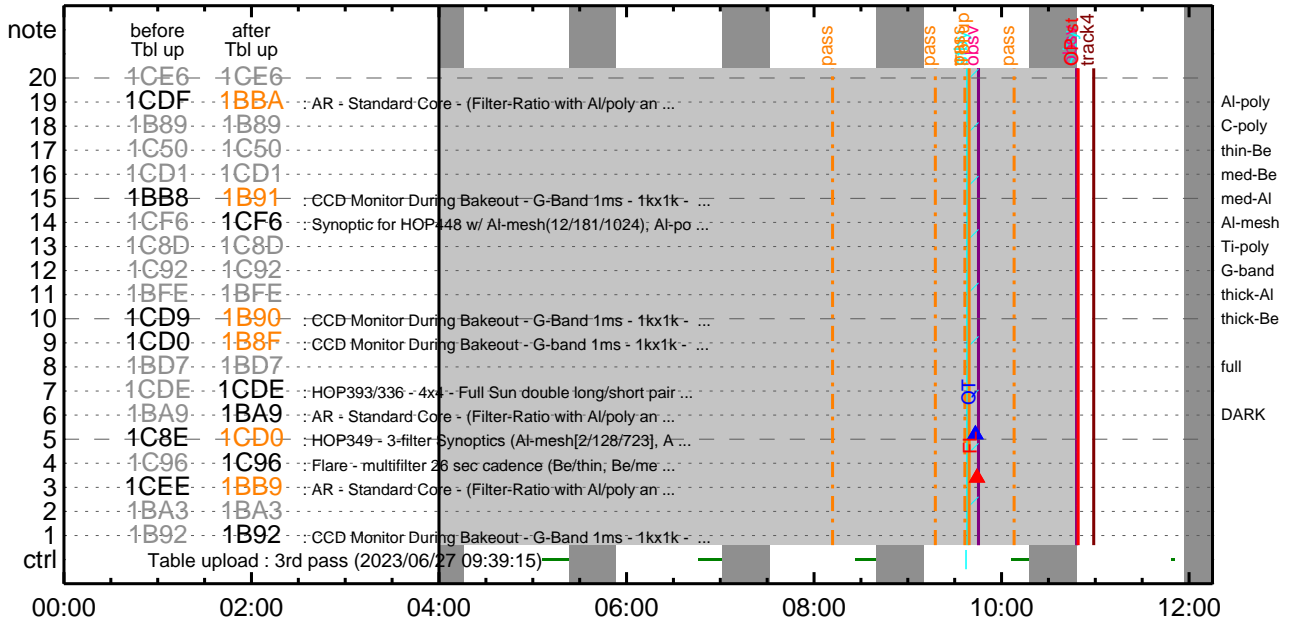
FLD Patrol

Term	Pointing (x, y)	Comment
06/27 09:40:15 - 06/28 12:02:56	cannot be identified	
06/28 13:24:16 - 06/28 18:05:46	Track (518.8, -366.4) ^{Ⓜ 06/28 13:20:00}	# AR cont.
06/28 18:15:46 - 06/29 05:50:16	Track (552.9, -365.5) ^{Ⓜ 06/28 18:15:30}	# AR cont.
06/29 06:00:16 - 06/29 17:46:46	Track (628.8, -362.9) ^{Ⓜ 06/29 06:00:00}	# AR cont.
06/29 17:56:46 - 06/30 06:05:46	Track (697.6, -359.8) ^{Ⓜ 06/29 17:56:30}	# AR cont.
06/30 06:15:46 - 06/30 17:53:16	Track (758.7, -356.1) ^{Ⓜ 06/30 06:15:30}	# AR cont.
06/30 18:03:16 - 07/01 05:21:46	Track (807.0, -352.0) ^{Ⓜ 06/30 18:03:00}	# AR cont.

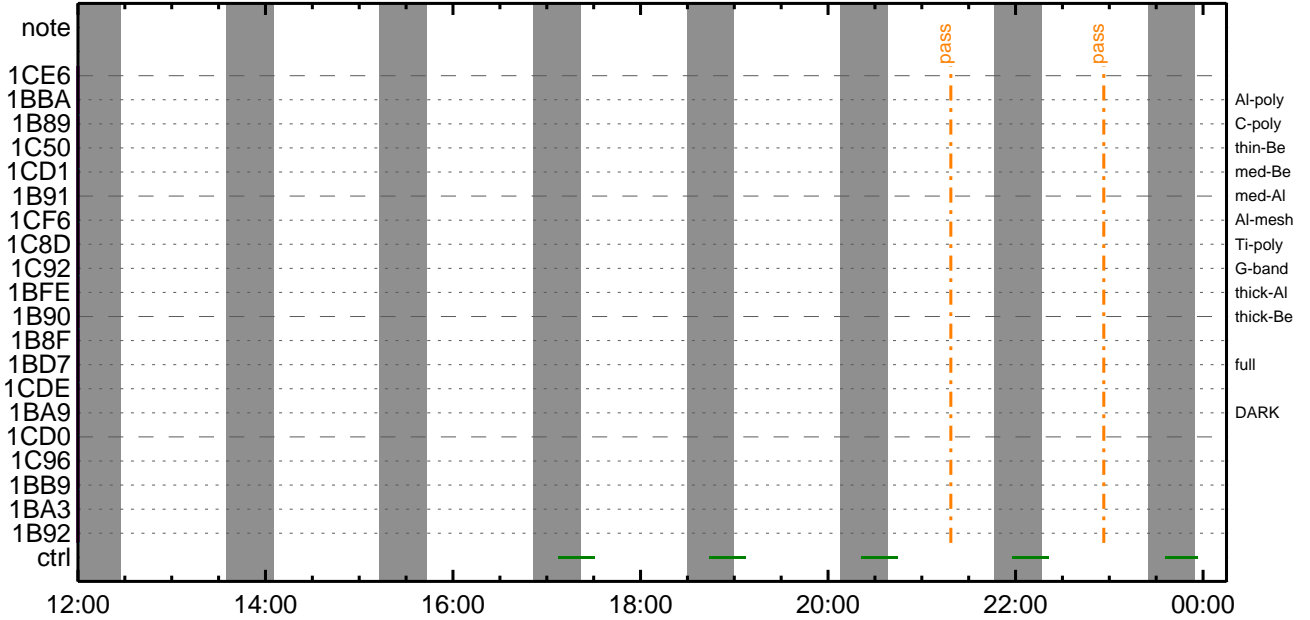
07/01 05:31:46 - 07/01 18:11:16 Track (844.0, -347.7) @ 07/01 05:31:30 # AR cont.
 07/01 18:21:16 - 07/02 05:56:16 Track (873.0, -342.4) @ 07/01 18:21:00 # AR cont.
 07/02 06:06:16 - 07/02 17:52:46 Track (611.8, 129.1) @ 07/02 06:06:00 # AR 13351 obsevs.
 07/02 18:02:46 - 07/03 06:11:46 Track (683.9, 132.4) @ 07/02 18:02:30 # AR cont.
 07/03 06:21:46 - 07/03 17:59:16 Fixed (0.0, 0.0) synoptic, shifted 11.5 min. HOP 349. SOT flat fields.
 07/03 18:13:16 - 07/04 05:43:46 Track (800.5, 140.6) @ 07/03 18:09:00 # AR cont.
 07/04 06:30:16 - 07/05 11:18:00 Track (843.5, 145.6) @ 07/04 06:30:00 # AR cont.

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

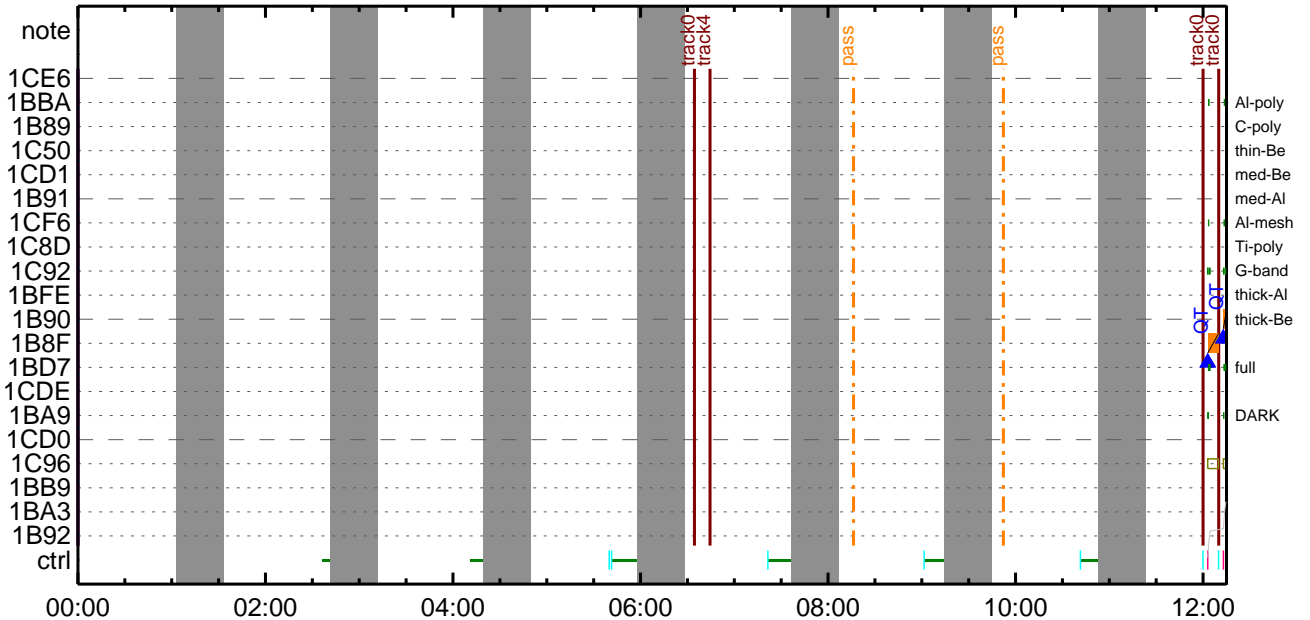
CMDI #0165 2023/06/27



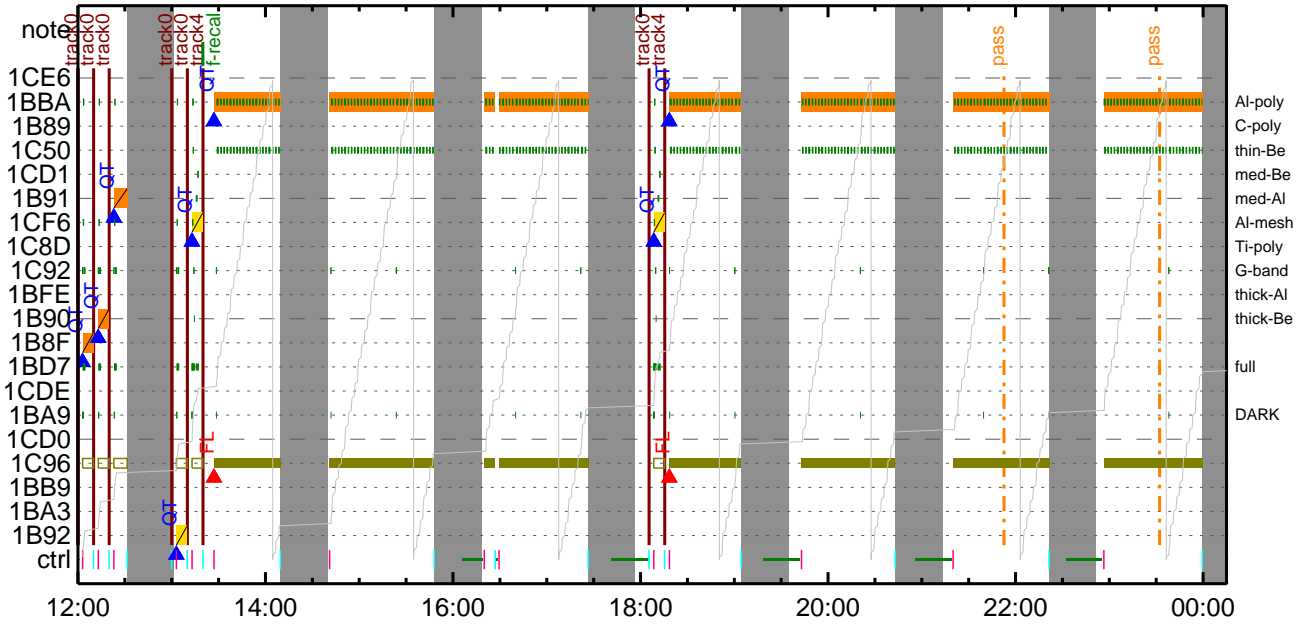
CMDI #0165 2023/06/27



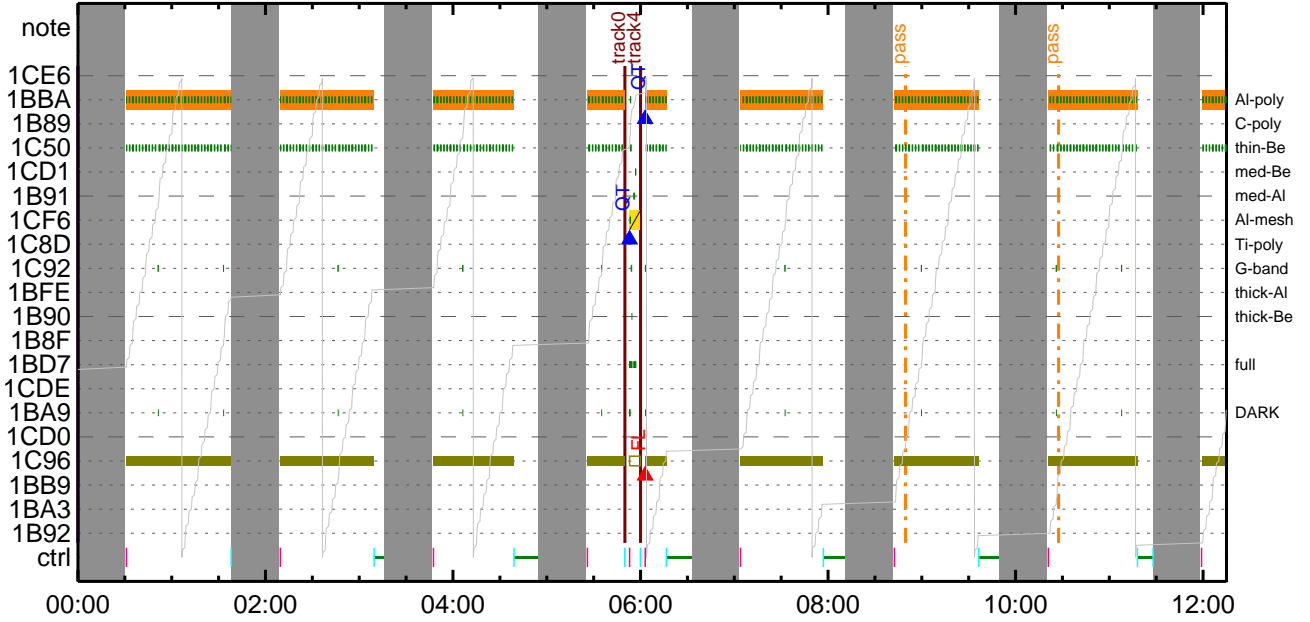
CMDI #0165 2023/06/28



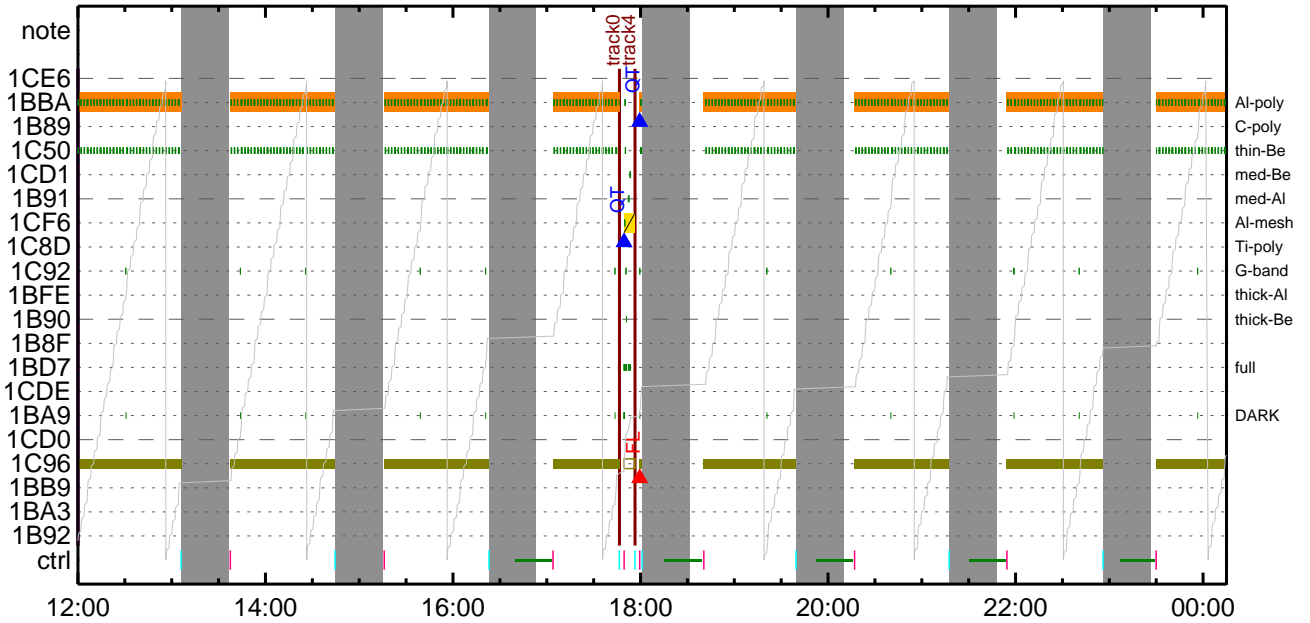
CMDI #0165 2023/06/28



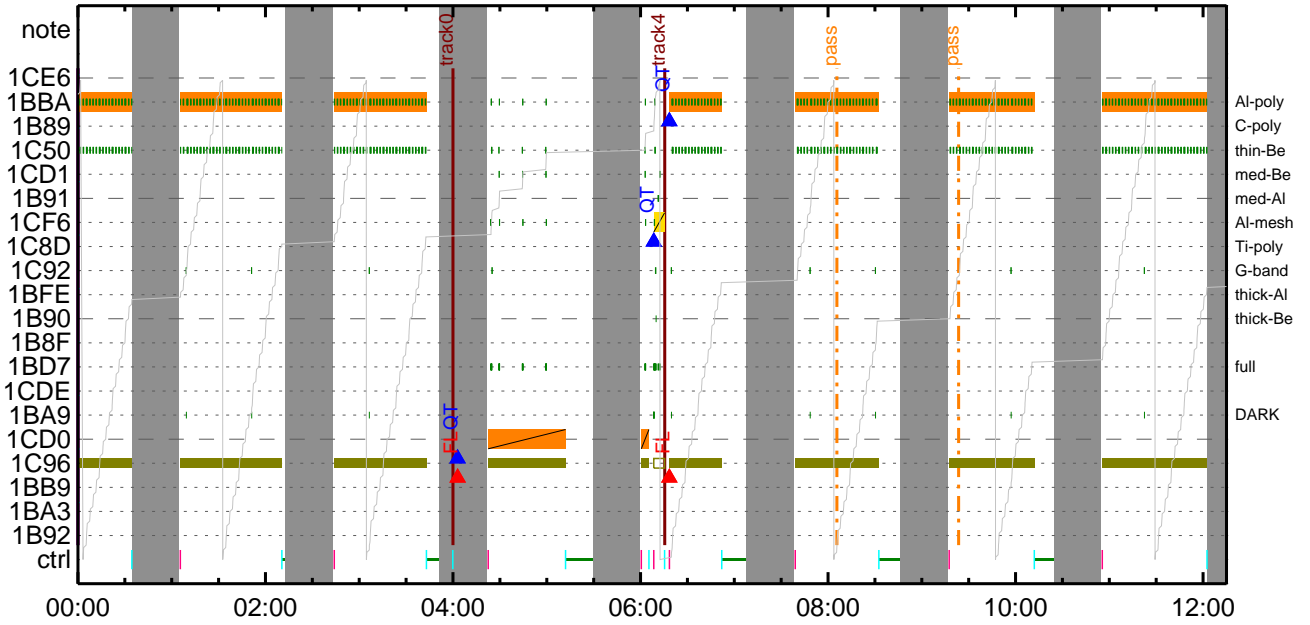
CMDI #0165 2023/06/29



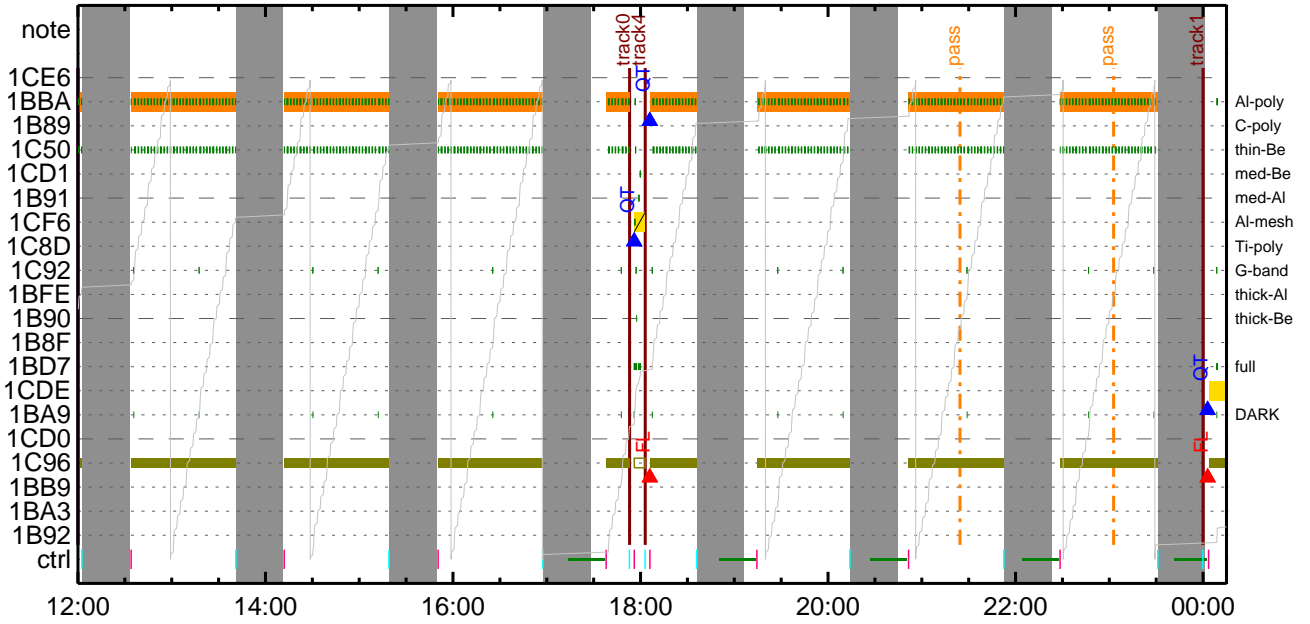
CMDI #0165 2023/06/29



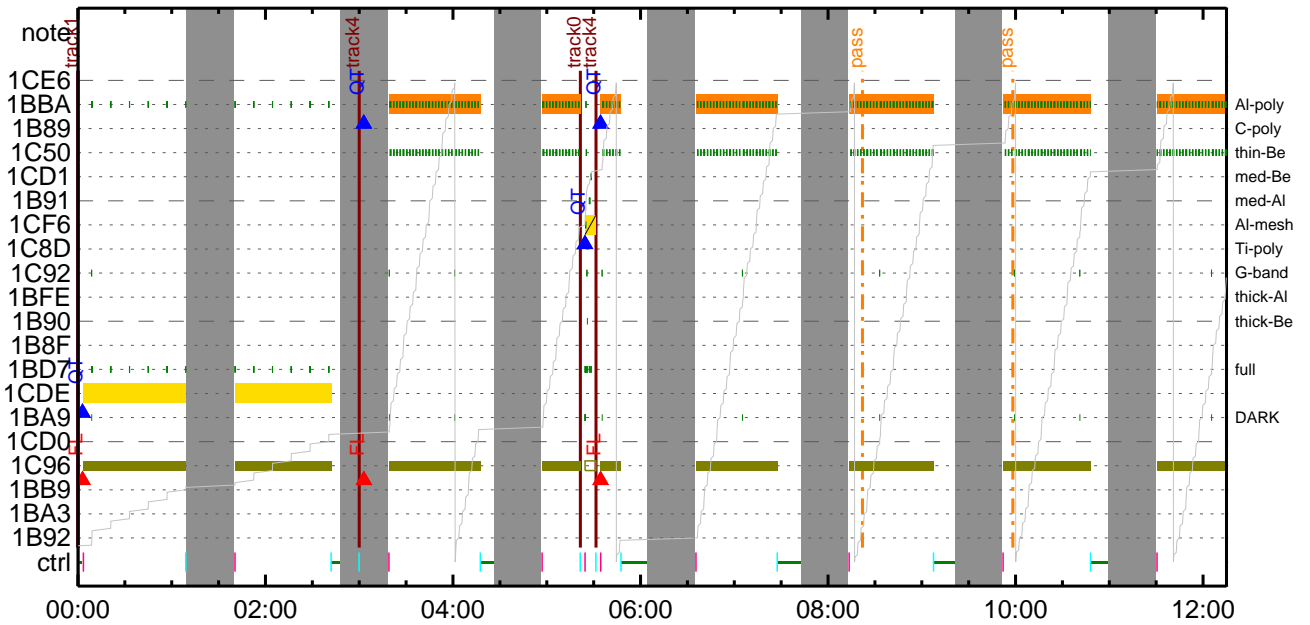
CMDI #0165 2023/06/30



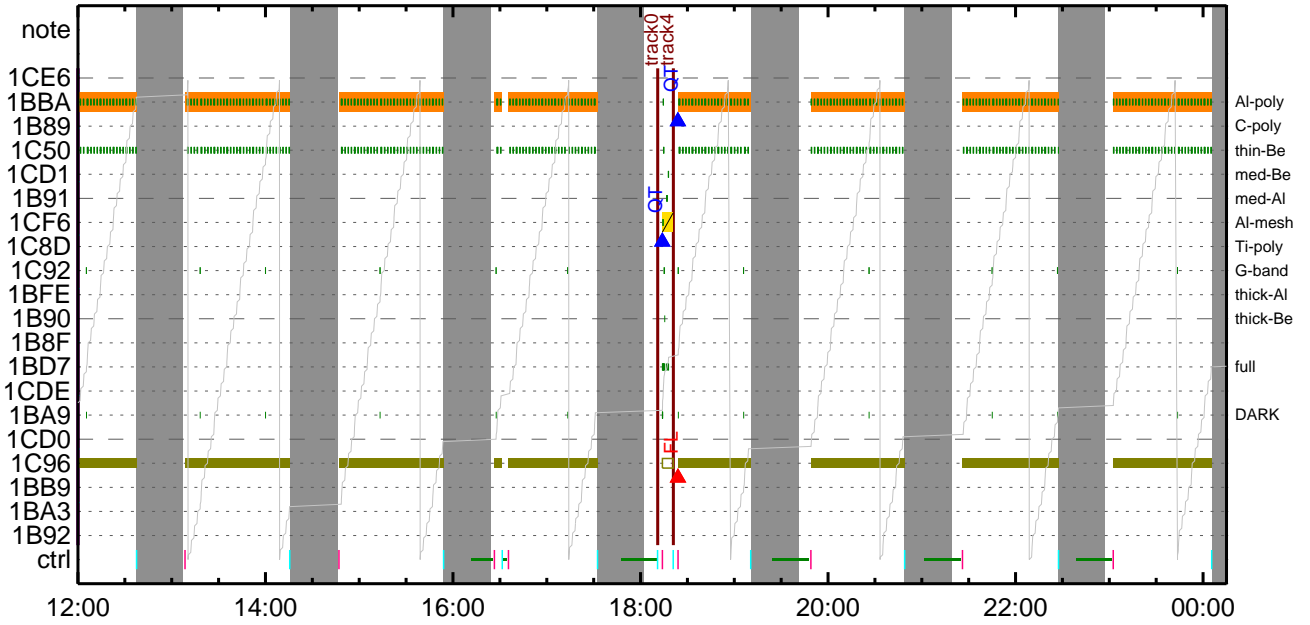
CMDI #0165 2023/06/30



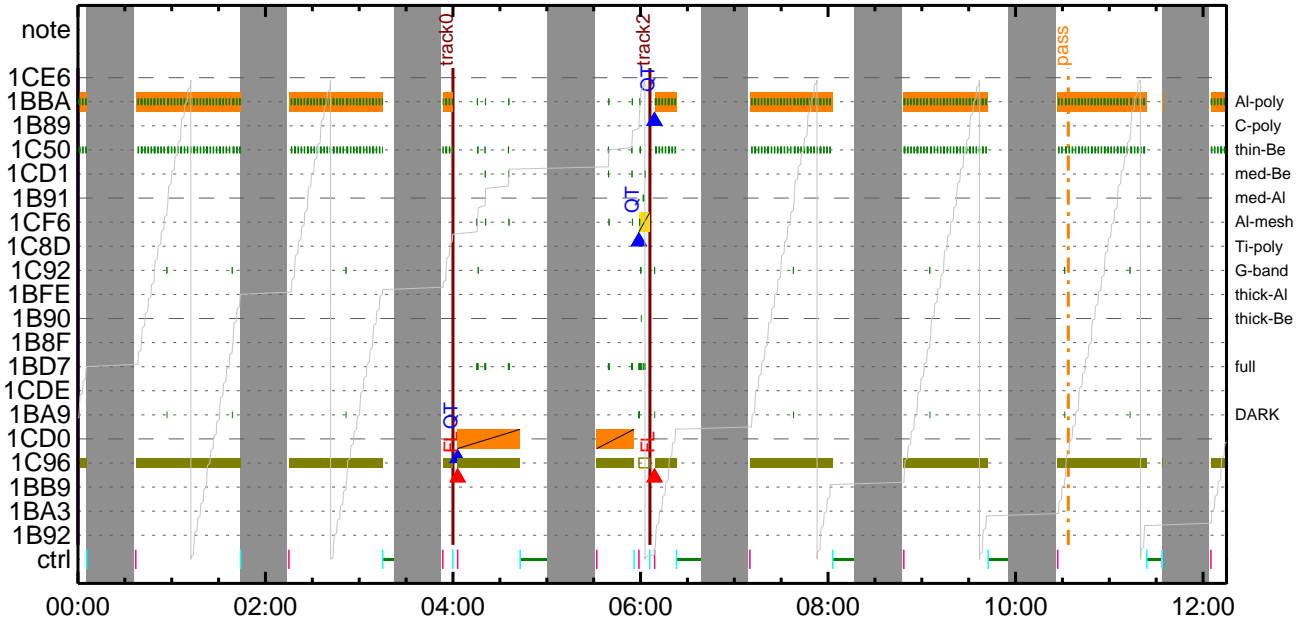
CMDI #0165 2023/07/01



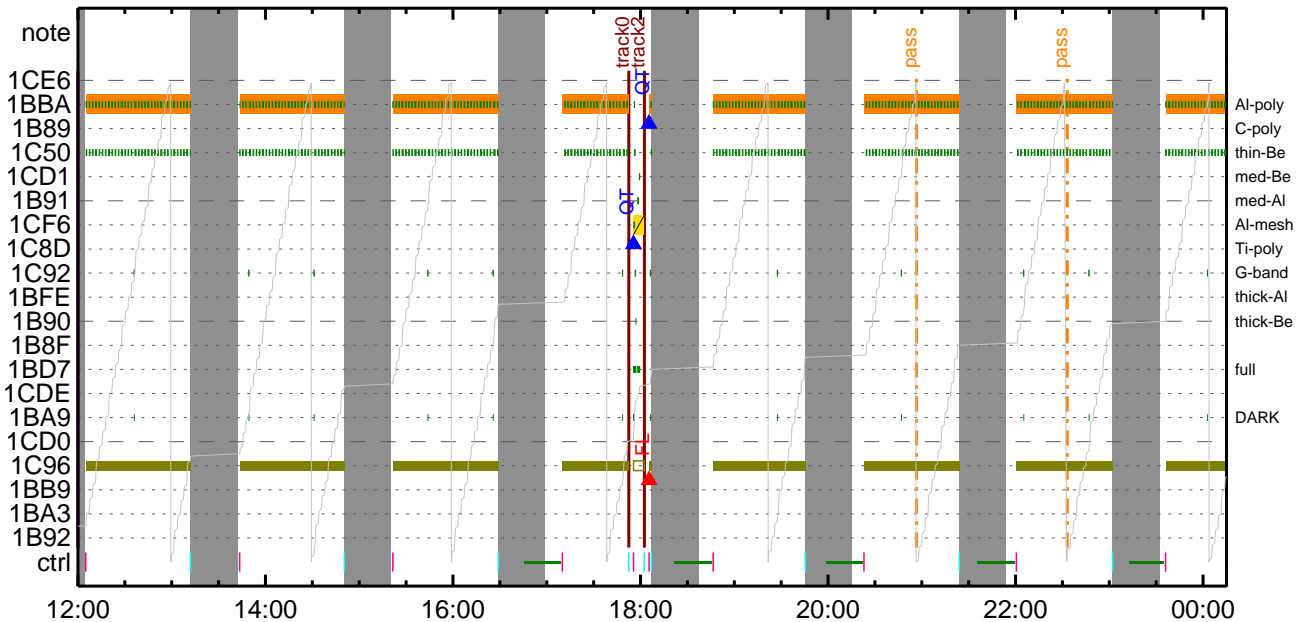
CMDI #0165 2023/07/01



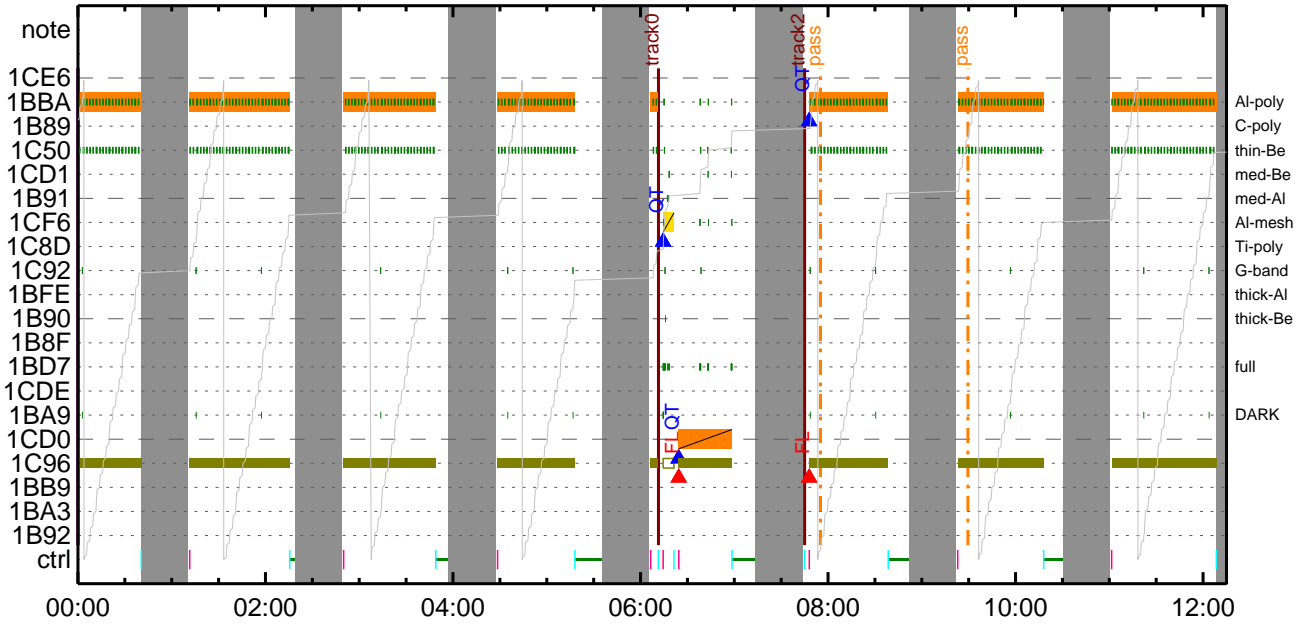
CMDI #0165 2023/07/02



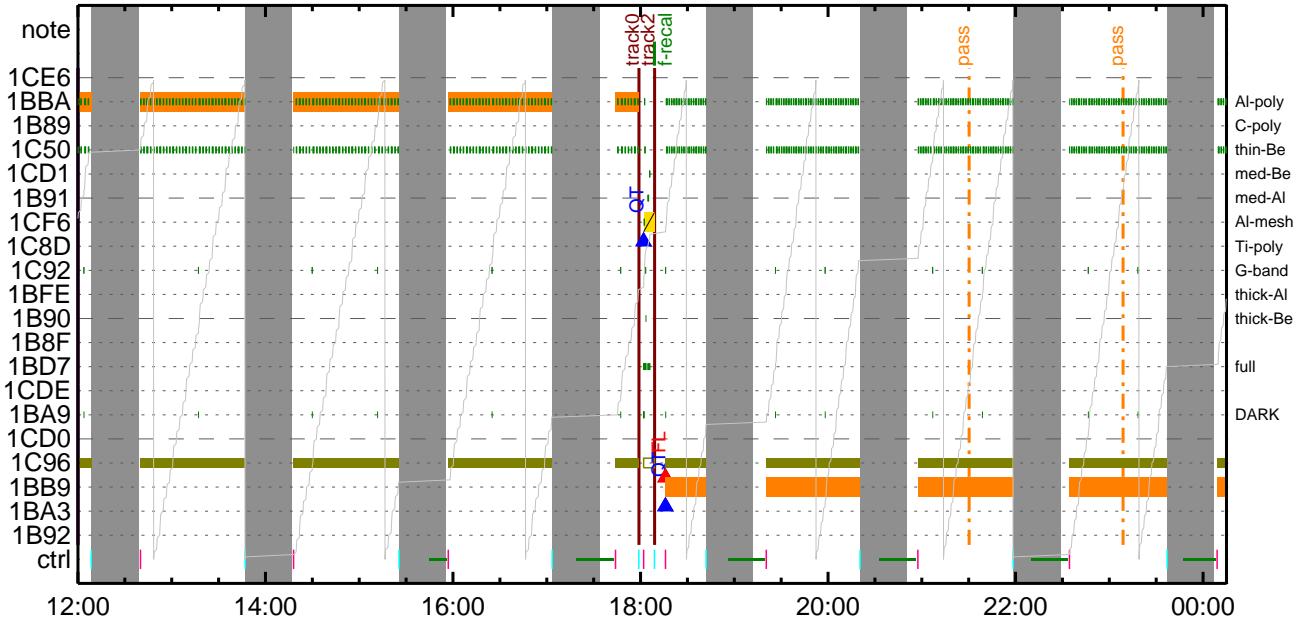
CMDI #0165 2023/07/02



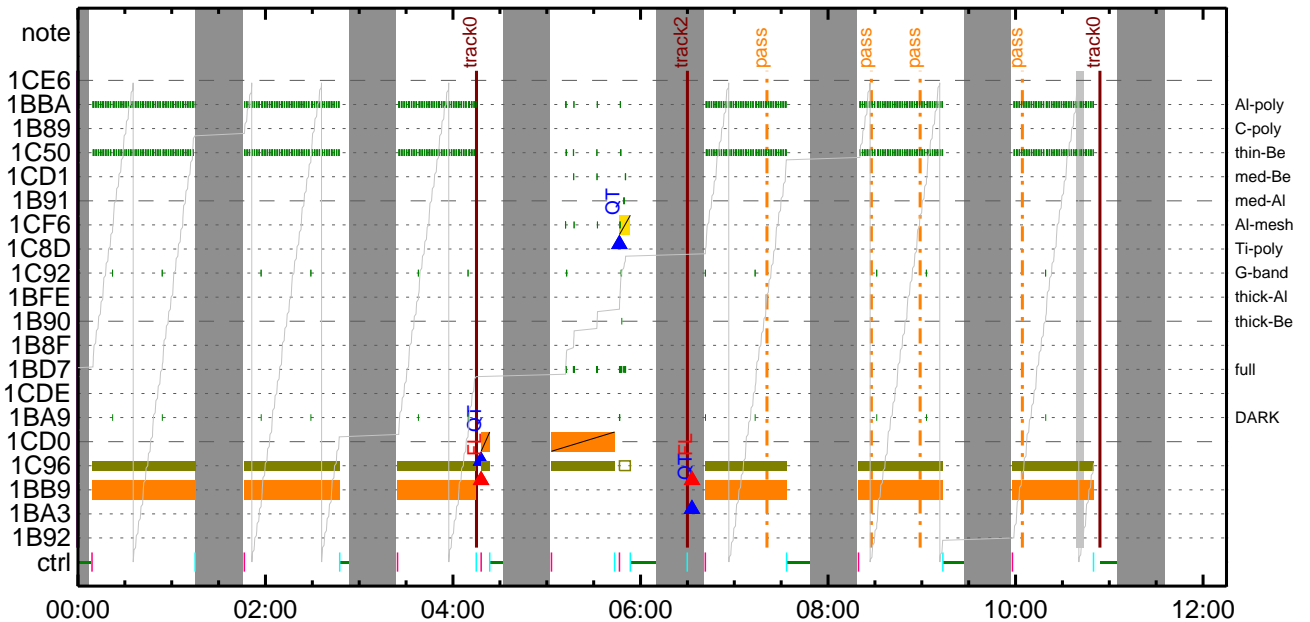
CMDI #0165 2023/07/03



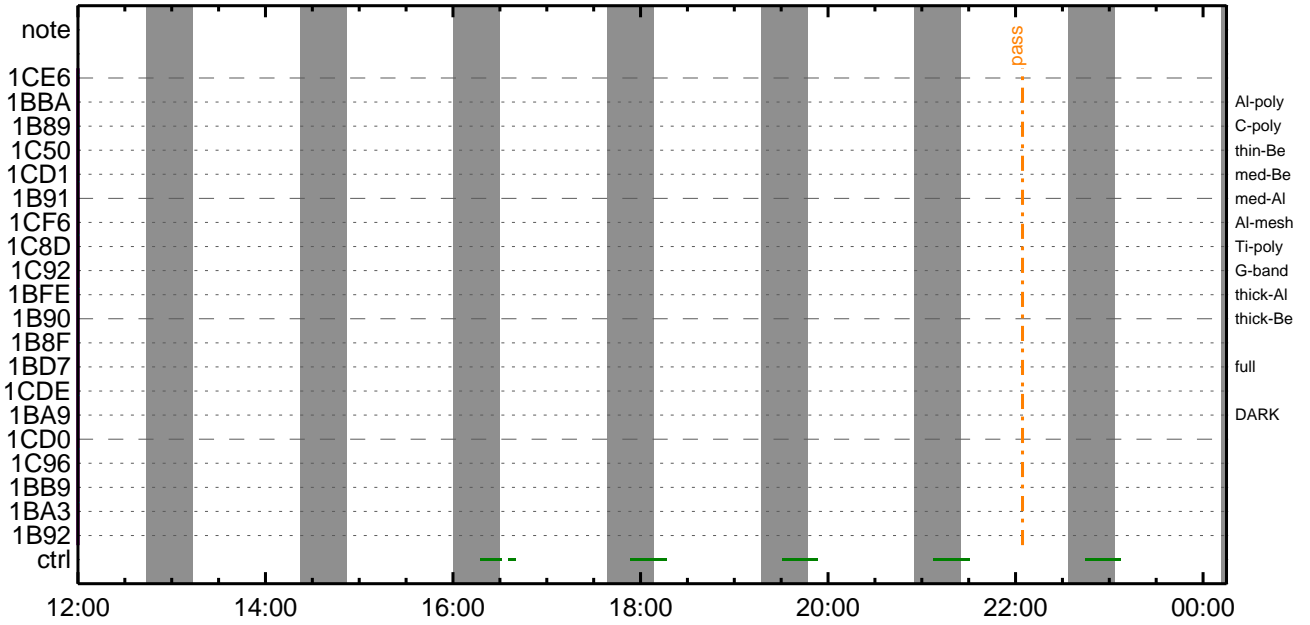
CMDI #0165 2023/07/03



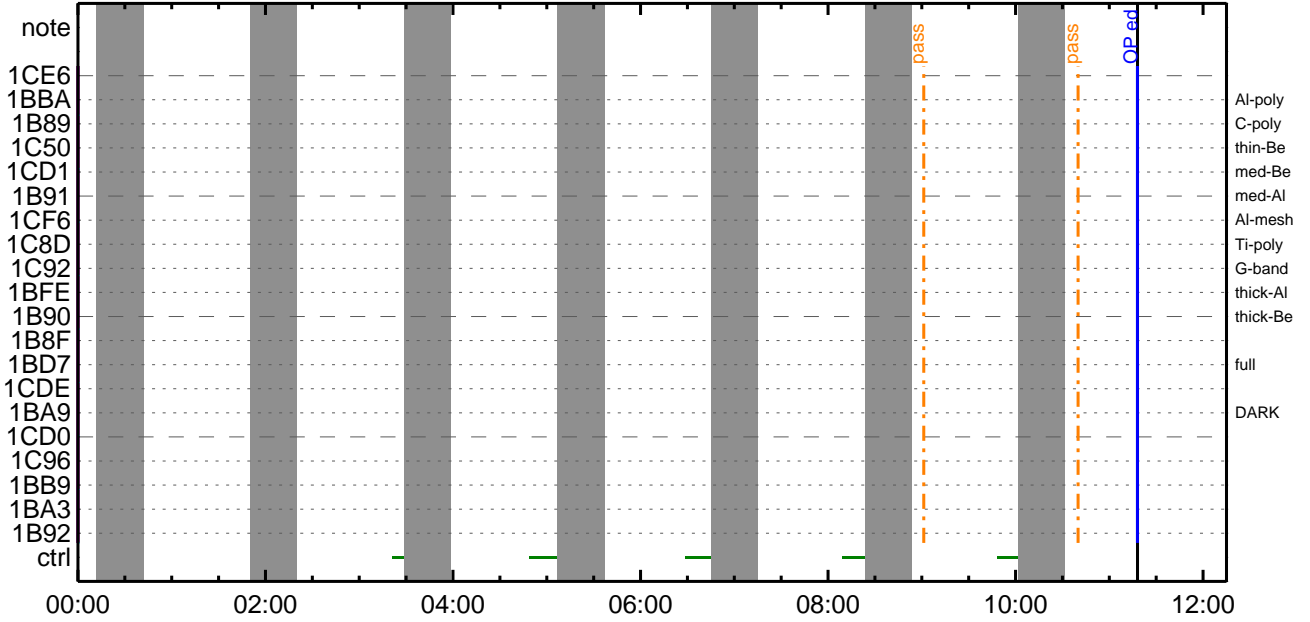
CMDI #0165 2023/07/04



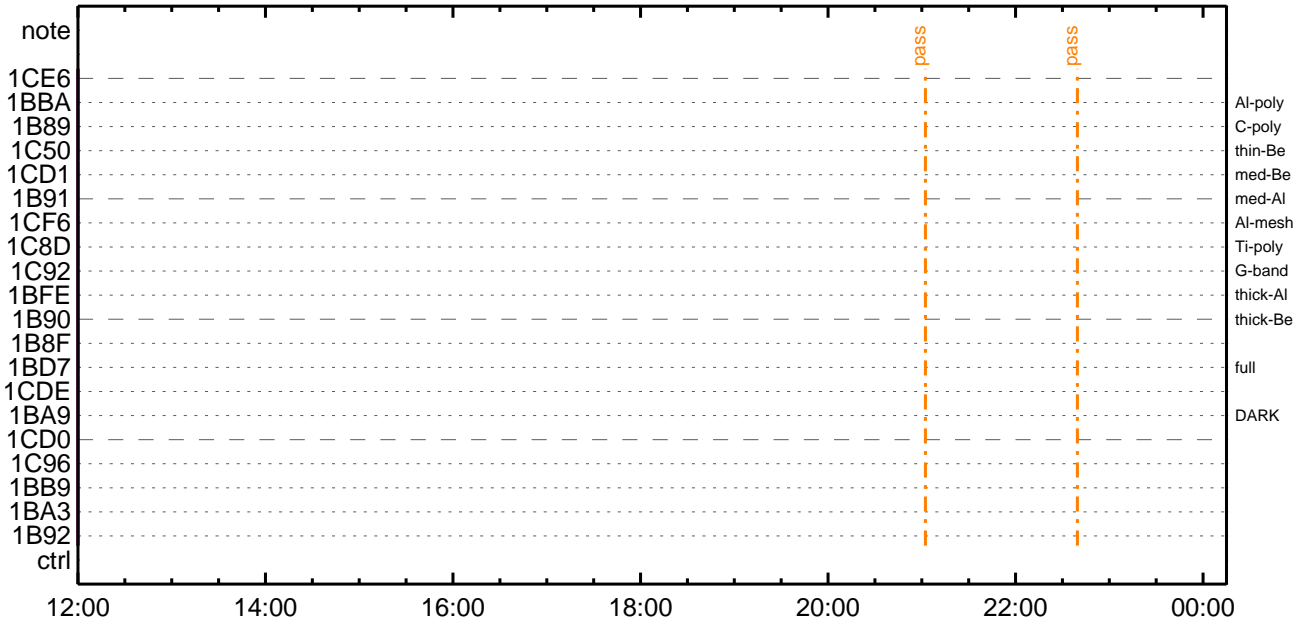
CMDI #0165 2023/07/04



CMDI #0165 2023/07/05



CMDI #0165 2023/07/05



(a) Spacecraft Operation Procedure (real-commands)

```
main-941 2023-06-27 11:54:18 194 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY~¼Á»Ü;ã
0005 C.
0006 C. YÀYB;¼Y³YFÝÖYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èò¿òÁò•μ°È»Í×ÁÇòÍYçYÁY×Yí;¼YÉ;ÈÈè¼μ•íÉ;ÈòÈ¼°ÇÒò•ò¿¼l¹çòí;çÁ®, ùò¹òèòòçÁ+¿®ò•òÈòòò³òÈ;è
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. OP/OGYí;¼YÉ; | YÁYöY×
0016 C. *****
0017 C.
0018 . C. ;ãOP/OGYí;¼YÉ;ã
0019 . S. OP op-941:OP
0020 ( )
0021 . S. OG og-941:OG
0022 ( )
0023 C.
0024 . C. ;ãNMOG&OPÎ°èYÁYöY×;ã
0025 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0026 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0027 BC (20 00 7f 01 02)
0028 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0029 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0030 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0031 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0032 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0033 +. DC 01-22 DHU_MODE_CHNG
0034 BC (07 0b f8)
0035 C. çç[HK1_PKT_FORM_NO] EQ 7
0036 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0037 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0038 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0039 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0040 . C. YÀYöY×¼ªª Î»òð³ ÎÇ§
0041 C. çç[HK1_DMP_CHK_FLG] EQ NON
0042 . C. RAM ID=NMOGòÍ¼È¹ç•è²ÍOKòð³ ÎÇ§
0043 C.
0044 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0045 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0046 BC (20 80 7f 01 02)
0047 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0048 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0049 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0050 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0051 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0052 +. DC 01-22 DHU_MODE_CHNG
0053 BC (07 0b f8)
0054 C. çç[HK1_PKT_FORM_NO] EQ 7
0055 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0056 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0057 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0058 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0059 . C. YÀYöY×¼ªª Î»òð³ ÎÇ§
0060 C. çç[HK1_DMP_CHK_FLG] EQ NON
0061 . C. RAM ID=NMOGòÍ¼È¹ç•è²ÍOKòð³ ÎÇ§
0062 C.
0063 C. NMOG(0x210000-0x210FFF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0064 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0065 BC (21 00 41 01 02)
0066 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0067 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0068 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0069 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0070 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0071 +. DC 01-22 DHU_MODE_CHNG
0072 BC (07 0b f8)
0073 C. çç[HK1_PKT_FORM_NO] EQ 7
0074 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0075 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0076 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0077 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0078 . C. YÀYöY×¼ªª Î»òð³ ÎÇ§
0079 C. çç[HK1_DMP_CHK_FLG] EQ NON
0080 . C. RAM ID=NMOG, RAM ID=OPòÍ¼È¹ç•è²ÍOKòð³ ÎÇ§
0081 C.
0082 . C. ***** òÈ²¼òÍ¼Á´¶¼òÈÈ-òòÁ+¿® (¼áμ-YÁYöY×¼È¼çòðÁÖÁæòç¼ªª ò²òÈ¼ì¹çòçòâ) *****
0083 C. DHUYã;¼YÉ;È¼Y¼, Yí;¼YÉ;ÈòðÍáò¹
0084 +. DC 01-22 DHU_MODE_CHNG
0085 BC (02 0a f8)
0086 C. çç[HK1_PKT_FORM_NO] EQ 2
0087 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0088 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0089 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0090 C.
0091 . C. *****
0092 C. TI-CMD SET (OPOG STOP/COPY/START)
0093 C. *****
0094 C.
0095 . C. NOTICE ;§ OPOG UPLOADò-Á+¿®NGòÍ¼ì¹ç; ç°È²¼òÍ¼TI-CMDÁ+¿®òÍ¼Á¹Ôò•òÈòòò³òÈ;è
```

```
0096 C.                0103;çSET0EDUMPAIÆ±°iYÑY¹aÇ¹Ôa|a³aE;f
0097 C.
0098 . C. TIY³¥P¥Ö¥EððÅDİ¿(UT)
0099 +. TI 2023-06-27 10:44:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.                çç[HK1_TI_CMD_NUM]            EQ        1COUNTUP
0102 C.
0103 +. TI 2023-06-27 10:44:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.                çç[HK1_TI_CMD_NUM]            EQ        1COUNTUP
0106 C.
0107 +. TI 2023-06-27 10:44:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.                çç[HK1_TI_CMD_NUM]            EQ        1COUNTUP
0110 C.
0111 +. TI 2023-06-27 10:48:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.                çç[HK1_TI_CMD_NUM]            EQ        1COUNTUP
0114 C.
0115 C.  °E²¼aİÄè%ííÑaİVÁ¥§YÁY-¹àìÜ
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. TIÎÎ°èYÀ¥Ö¥x
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. YÀ¥Ö¥x¼¹î»ðð³îÇ§
0142 C.                çç[HK1_DMP_CHK_FLG]         EQ        NON
0143 C.
0144 . C. RAM ID=TI_TBLaİ%È¹ç.è²İOKað³îÇ§
0145 C.
0146 . C. DHU¥â;¼¥É;È¼¥¼.¥ì;¼¥È;Èððİáa¹
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. ***** XRT START *****
0156 C. Execute, after the success of OP upload.
0157 +. TI 2023-06-27 10:48:00.0
0158 DC 07-F0 MDP_XRT_MODE_STBY
0159 BC (c3)
0160 . C.                [ ] [HK1_TI_CMD_NUM]      EQ        1COUNTUP
0161 C.
0162 C. ***** XRT END *****
0163 . C. Stop EIS observation and temporarily disable EIS mode changes
0164 C.
0165 C.
0166 C. ***** Start EIS operation (TI set) *****
0167 C. Execute, after the success of OP upload.
0168 C. Set EIS TI-commands
0169 +. TI 2023-06-27 10:48:30.0
0170 DC 07-FC EIS_MODE_MANU
0171 BC (21 02)
0172 +. TI 2023-06-27 10:48:40.0
0173 DC 07-FC EIS_MODE_CHG_DIS
0174 BC (22)
0175 . C.                [ ] [HK1_TI_CMD_NUM]      EQ        2 COUNTUP
0176 C. ***** End EIS operation (TI set) *****
0177 C.
0178 C.
0179 C.
0180 . C. ***** MDP ´úÄîaİ»ö¼Y°EÄða¹aèDCBC.x²è *****
0181 C. (%â°îYÖYÁYÈY¥YÈYáYçYè°E%¼aa%Ä»Ûa¹aè)
0182 . S. DC-BC dcbc-402:DCBC
0183 (MDP_known_event)
0184 C.
0185 C.
0186 . C. ***** YD¥¹.İ Daily±¿İÑaÈ¹Øa¹aèDCBC.x²è *****
0187 . S. DC-BC dcbc-153:DCBC
0188 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0189 C.
0190 C.
0191 . C. ;ãLOS¥ÁY¥YÁY-¼Ä»Û;ä
0192 C.
0193 . C. ***** LOS *****
```


(a) Spacecraft Operation Procedure (real-commands)

```
main-943 2023-06-27 11:54:18 106 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÁY-¼Á»Û;ã
0005 C.
0006 C. YÀYB;¼Y³YFÏYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èø¿òÁò•µ°EÍ×ÁÇòíYçYÁY×Yí;¼YÉ;ÈÈè%µ•ííÉ;ÈøÈ¼°ÇÒò•ò¿¼í¹çòÍ;çÀ®, ùò¹òèòòòçÁ+¿®ò•òÈòòò³òÈ;f
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_MODE_STBY
0020 BC (c3)
0021 . C. ----- Success Verify ? OK / NG ____
0022 C.
0023 C. XRT Obs. Table Upload
0024 . S. RAM ram-291:MDP_OBS_X
0025 ( )
0026 C.
0027 +. DC 07-F0 MDP_DUMP_XRTTBL
0028 BC (84 07 00 00 00 3a d4)
0029 . C. ----- Comparison Check ? OK / ERR ____
0030 C.
0031 C.
0032 +. DC 07-F0 MDP_XRT_ROI_SET
0033 BC (cd 01 b1 b1 04 04)
0034 + DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 02 b1 b1 08 08)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 03 b1 b1 08 08)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 04 b1 b1 06 06)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 05 85 83 06 06)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 06 85 83 06 06)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 07 c0 c0 10 10)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 08 80 80 20 20)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 09 40 c0 10 10)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0a 40 40 10 10)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0b c0 40 10 10)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0c 80 80 20 08)
0056 + DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 0d 80 80 08 20)
0058 + DC 07-F0 MDP_XRT_ROI_SET
0059 BC (cd 0e 80 80 08 08)
0060 + DC 07-F0 MDP_XRT_ROI_SET
0061 BC (cd 0f 80 80 06 06)
0062 + DC 07-F0 MDP_XRT_ROI_SET
0063 BC (cd 10 80 80 08 08)
0064 + DC 07-F0 MDP_XRT_FLD_ENA
0065 BC (d8)
0066 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0067 BC (c8)
0068 + DC 07-F0 MDP_XRT_ARS_DIS
0069 BC (d5)
0070 + DC 07-F0 MDP_XRT_AEC_RESET
0071 BC (d0)
0072 + DC 07-F0 MDP_XRT_FLD_RESET
0073 BC (da)
0074 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0075 BC (c4 06)
0076 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0077 BC (c5 04)
0078 . C. ----- Success Verify ? OK / NG ____
0079 C.
0080 C.
0081 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0082 C.
0083 +. DC 07-F0 MDP_XRT_MODE_OBSV
0084 BC (c2)
0085 +. TI 2023-06-27 10:48:02.0
0086 DC 07-F0 MDP_XRT_MODE_OBSV
0087 BC (c2)
0088 . C. ----- Success Verify ? OK / NG ____
0089 C.
0090 C. ***** XRT END *****
0091 C.
0092 . C. ***** MDP `ùÃÍòí»ò¼YòÈÁò¹òèDCBC•×²è *****
0093 C. (¼ò¹YóYÁYÈYÏYÉYÁYçYèòÈ%òò¼Á»Ûò¹òè)
0094 . S. DC-BC dcbc-402:DCBC
0095 (MDP_known_event)
```

0096 C.
0097 C.
0098 . C. ***** ¥Ð¥¹•ï Daily±¿ÍÑ¤È´Ø¤¹¤èDCBC•x²è *****
0099 . S. DC-BC dcbc-153:DCBC
0100 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0101 C.
0102 C.
0103 . C. ;ãLOS¥Á¥\$¥Ã¥-¼Á»Û;ã
0104 C.
0105 . C. ***** LOS *****
0106 C.

*** OP Sequence for XRT ***

2023/06/27	10:59:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04	06	66	01	58
2023/06/28	05:40:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/06/28	05:40:02.0	XRT_TCIB_XRT_S_HTR_A_DIS_441_OG [0x1b9]							
		TCIB_XRT_S_HTR_A_DIS	0	04-C0					
2023/06/28	05:41:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/06/28	05:41:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/06/28	05:41:34.0	XRT_PREFLR_STRT_405_OG [0x195]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/06/28	05:44:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/06/28	06:34:30.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00
2023/06/28	06:44:30.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04	06	66	01	58
2023/06/28	07:21:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/06/28	07:21:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/06/28	07:21:34.0	XRT_PREFLR_STRT_405_OG [0x195]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/06/28	07:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/06/28	09:01:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/06/28	09:01:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/06/28	09:01:34.0	XRT_PREFLR_STRT_405_OG [0x195]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/06/28	09:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/06/28	10:41:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/06/28	10:41:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/06/28	10:41:34.0	XRT_PREFLR_STRT_405_OG [0x195]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/06/28	10:44:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/06/28	11:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/06/28	11:59:56.0	XRT_FOCUS_POSITION_439_OG [0x1b7]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2023/06/28	12:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	2e	f9	2e	f9
2023/06/28	12:02:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/06/28	12:02:54.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2023/06/28	12:02:56.0	XRT_FLD_DIS_442_OG [0x1ba]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2023/06/28	12:02:58.0	XRT_QT_PROG_SET_429_OG [0x1ad]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	09			
2023/06/28	12:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/06/28	12:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/06/28	12:09:56.0	XRT_FOCUS_POSITION_439_OG [0x1b7]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2023/06/28	12:10:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00	2e	f9	d1	07
2023/06/28	12:12:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/06/28	12:12:54.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2023/06/28	12:12:56.0	XRT_FLD_DIS_442_OG [0x1ba]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2023/06/28	12:12:58.0	XRT_QT_PROG_SET_435_OG [0x1b3]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a			
2023/06/28	12:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/06/28	12:19:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/06/28	12:19:56.0	XRT_FOCUS_POSITION_439_OG [0x1b7]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2023/06/28	12:20:00.0	AOCS_ORe-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00	d1	07	d1	07
2023/06/28	12:22:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/06/28	12:22:54.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2023/06/28	12:22:56.0	XRT_FLD_DIS_442_OG [0x1ba]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2023/06/28	12:22:58.0	XRT_QT_PROG_SET_446_OG [0x1be]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f			
2023/06/28	12:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/06/28	12:31:30.0	XRT_CTRL_MANU_400_OG [0x190]							

2023/06/28	12:31:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
			MDP_XRT_FLD_RESET	1	07-F0	da			
2023/06/28	12:31:34.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2023/06/28	12:34:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/06/28	12:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/06/28	12:59:56.0	XRT_FOCUS_POSITION_439_OG [0x1b7]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2023/06/28	13:00:00.0	AOCS_Ore-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00 d1 07 2e f9			
2023/06/28	13:02:52.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2023/06/28	13:02:54.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2023/06/28	13:02:56.0	XRT_FLD_DIS_442_OG [0x1ba]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2023/06/28	13:02:58.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01			
2023/06/28	13:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/06/28	13:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/06/28	13:09:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2023/06/28	13:10:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00			
2023/06/28	13:10:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2023/06/28	13:10:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2023/06/28	13:10:20.0	XRT_ARS_DIS_417_OG [0x1a1]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2023/06/28	13:12:58.0	XRT_QT_PROG_SET_428_OG [0x1ac]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e			
2023/06/28	13:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/06/28	13:19:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/06/28	13:19:56.0	XRT_FOCUS_RECALIBRATE_445_OG [0x1bd]	XRT_FOCUS_RECAL	2	07-F8	78 00			
2023/06/28	13:20:00.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04 06 66 01 58			
2023/06/28	13:23:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2023/06/28	13:24:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2023/06/28	13:24:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2023/06/28	13:24:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2023/06/28	13:24:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2023/06/28	13:24:24.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da			
2023/06/28	13:26:56.0	XRT_ROI_A_440_OG [0x1b8]	MDP_XRT_ROI_SET	6	07-F0	cd 05 85 83 06 06			
			MDP_XRT_ROI_SET	6	07-F0	cd 06 85 83 06 06			
			MDP_XRT_ROI_SET	6	07-F0	cd 08 80 80 20 20			
			MDP_XRT_ROI_SET	6	07-F0	cd 0c 80 80 20 08			
			MDP_XRT_ROI_SET	6	07-F0	cd 0d 80 80 08 20			
			MDP_XRT_ROI_SET	6	07-F0	cd 0e 80 80 08 08			
			MDP_XRT_ROI_SET	6	07-F0	cd 0f 80 80 06 06			
			MDP_XRT_ROI_SET	6	07-F0	cd 10 80 80 08 08			
2023/06/28	13:27:01.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13			
2023/06/28	13:27:03.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04			
2023/06/28	13:27:05.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/06/28	14:09:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/06/28	14:09:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2023/06/28	14:09:34.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2023/06/28	14:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/06/28	14:40:00.0	XRT_Custom_430_OG [0x1ae]							
2023/06/28	14:41:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/06/28	15:48:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/06/28	15:48:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2023/06/28	15:48:04.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2023/06/28	15:51:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/06/28	16:19:00.0	XRT_Custom_430_OG [0x1ae]							
2023/06/28	16:20:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							

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2023/06/28	16:27:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/06/28	16:27:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	da	
			MDP_XRT_FLD_RESET	1	07-F0	da	
2023/06/28	16:27:04.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/06/28	16:28:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/06/28	16:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/06/28	16:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/06/28	17:26:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/06/28	17:26:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
			MDP_XRT_FLD_RESET	1	07-F0	da	
2023/06/28	17:26:34.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/06/28	17:29:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/06/28	18:05:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/06/28	18:05:26.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2023/06/28	18:05:30.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
			AOCU_NM	5	02-76	00 00 00 00 00	
2023/06/28	18:05:46.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
			MDP_XRT_FLD_DIS	1	07-F0	d9	
2023/06/28	18:05:48.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2023/06/28	18:05:50.0	XRT_ARS_DIS_417_OG [0x1a1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/06/28	18:08:28.0	XRT_QT_PROG_SET_428_OG [0x1ac]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e	
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e	
2023/06/28	18:08:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/06/28	18:15:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/06/28	18:15:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2023/06/28	18:15:30.5	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04 06 66 01 58	
			AOCU_NM	5	02-76	04 06 66 01 58	
2023/06/28	18:15:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
			MDP_XRT_FLD_ENA	1	07-F0	d8	
2023/06/28	18:15:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2023/06/28	18:15:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
			MDP_XRT_AEC_RESET	1	07-F0	d0	
2023/06/28	18:15:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/06/28	18:15:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
			MDP_XRT_FLD_RESET	1	07-F0	da	
2023/06/28	18:18:26.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13	
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 13	
2023/06/28	18:18:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2023/06/28	18:18:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/06/28	19:04:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/06/28	19:04:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
			MDP_XRT_FLD_RESET	1	07-F0	da	
2023/06/28	19:04:34.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/06/28	19:07:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/06/28	19:42:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/06/28	19:43:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/06/28	20:43:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/06/28	20:43:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
			MDP_XRT_FLD_RESET	1	07-F0	da	
2023/06/28	20:43:04.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/06/28	20:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/06/28	21:19:01.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/06/28	21:20:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/06/28	22:21:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/06/28	22:21:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
			MDP_XRT_FLD_RESET	1	07-F0	da	
2023/06/28	22:21:34.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/06/28	22:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/06/28	22:55:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/06/28	22:56:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/06/28	23:59:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	

2023/06/28	23:59:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/06/28	23:59:34.0	XRT_PREFLR_STRT_405_OG [0x195]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/06/29	00:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/06/29	00:30:00.0	XRT_Custom_430_OG [0x1ae]							
2023/06/29	00:31:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/06/29	01:38:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/06/29	01:38:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/06/29	01:38:04.0	XRT_PREFLR_STRT_405_OG [0x195]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/06/29	01:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/06/29	02:08:30.0	XRT_Custom_430_OG [0x1ae]							
2023/06/29	02:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/06/29	03:09:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/06/29	03:09:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/06/29	03:09:34.0	XRT_PREFLR_STRT_405_OG [0x195]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/06/29	03:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/06/29	03:46:30.0	XRT_Custom_430_OG [0x1ae]							
2023/06/29	03:47:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/06/29	04:39:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/06/29	04:39:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/06/29	04:39:04.0	XRT_PREFLR_STRT_405_OG [0x195]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/06/29	04:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/06/29	05:25:00.0	XRT_Custom_430_OG [0x1ae]							
2023/06/29	05:26:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/06/29	05:49:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/06/29	05:49:56.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2023/06/29	05:50:00.0	AOCS_Orе-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2023/06/29	05:50:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2023/06/29	05:50:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2023/06/29	05:50:20.0	XRT_ARS_DIS_417_OG [0x1a1]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/06/29	05:52:58.0	XRT_QT_PROG_SET_428_OG [0x1ac]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2023/06/29	05:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/06/29	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/06/29	05:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2023/06/29	06:00:00.0	AOCS_Orе-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04 06 66 01 58				
2023/06/29	06:00:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2023/06/29	06:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2023/06/29	06:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2023/06/29	06:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/06/29	06:00:24.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/06/29	06:02:56.0	XRT_QT_PROG_SET_403_OG [0x193]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2023/06/29	06:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2023/06/29	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/06/29	06:16:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/06/29	06:16:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/06/29	06:16:34.0	XRT_PREFLR_STRT_405_OG [0x195]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/06/29	06:19:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/06/29	07:03:00.0	XRT_Custom_430_OG [0x1ae]							
2023/06/29	07:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/06/29	07:57:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				

2023/06/29	07:57:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2023/06/29	07:57:04.0	XRT_PREFLR_STRT_405_OG [0x195]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/06/29	08:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/06/29	08:41:30.0	XRT_Custom_430_OG [0x1ae]			
2023/06/29	08:42:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/06/29	09:36:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/06/29	09:36:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2023/06/29	09:36:34.0	XRT_PREFLR_STRT_405_OG [0x195]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/06/29	09:39:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/06/29	10:20:00.0	XRT_Custom_430_OG [0x1ae]			
2023/06/29	10:21:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/06/29	11:18:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/06/29	11:18:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2023/06/29	11:18:04.0	XRT_PREFLR_STRT_405_OG [0x195]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/06/29	11:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/06/29	11:28:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/06/29	11:28:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2023/06/29	11:28:04.0	XRT_PREFLR_STRT_405_OG [0x195]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/06/29	11:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/06/29	11:58:00.0	XRT_Custom_430_OG [0x1ae]			
2023/06/29	11:59:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/06/29	13:06:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/06/29	13:06:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2023/06/29	13:06:04.0	XRT_PREFLR_STRT_405_OG [0x195]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/06/29	13:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/06/29	13:36:30.0	XRT_Custom_430_OG [0x1ae]			
2023/06/29	13:37:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/06/29	14:44:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/06/29	14:44:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2023/06/29	14:44:34.0	XRT_PREFLR_STRT_405_OG [0x195]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/06/29	14:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/06/29	15:15:00.0	XRT_Custom_430_OG [0x1ae]			
2023/06/29	15:16:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/06/29	16:23:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/06/29	16:23:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2023/06/29	16:23:04.0	XRT_PREFLR_STRT_405_OG [0x195]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/06/29	16:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/06/29	17:03:00.0	XRT_Custom_430_OG [0x1ae]			
2023/06/29	17:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/06/29	17:46:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/06/29	17:46:26.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2023/06/29	17:46:30.0	AOCS_OrE-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2023/06/29	17:46:46.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2023/06/29	17:46:48.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2023/06/29	17:46:50.0	XRT_ARS_DIS_417_OG [0x1a1]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2023/06/29	17:49:28.0	XRT_QT_PROG_SET_428_OG [0x1ac]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e
2023/06/29	17:49:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/06/29	17:56:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/06/29	17:56:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2023/06/29	17:56:30.0	AOCS_OrE-point_Start_1_OG [0x097]			

2023/06/29	17:56:46.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	04	06	66	01	58
		MDP_XRT_FLD_ENA		1	07-F0	d8				
2023/06/29	17:56:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		1	07-F0	c8				
		MDP_XRT_FLRCTRL_ENA		1	07-F0	c8				
2023/06/29	17:56:50.0	XRT_AEC_RESET_448_OG [0x1c0]		1	07-F0	d0				
		MDP_XRT_AEC_RESET		1	07-F0	d0				
2023/06/29	17:56:52.0	XRT_ARS_DIS_423_OG [0x1a7]		1	07-F0	d5				
		MDP_XRT_ARS_DIS		1	07-F0	d5				
2023/06/29	17:56:54.0	XRT_FLD_RESET_420_OG [0x1a4]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2023/06/29	17:59:26.0	XRT_QT_PROG_SET_403_OG [0x193]		2	07-F0	c4	13			
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	13			
2023/06/29	17:59:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]		2	07-F0	c5	04			
		MDP_XRT_FL_PROG_SET		2	07-F0	c5	04			
2023/06/29	17:59:30.0	XRT_CTRL_AUTO_408_OG [0x198]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2023/06/29	18:01:00.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2023/06/29	18:01:02.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2023/06/29	18:01:04.0	XRT_PREFLR_STRT_405_OG [0x195]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2023/06/29	18:04:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2023/06/29	18:39:30.0	XRT_Custom_430_OG [0x1ae]								
2023/06/29	18:40:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2023/06/29	19:39:30.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2023/06/29	19:39:32.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2023/06/29	19:39:34.0	XRT_PREFLR_STRT_405_OG [0x195]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2023/06/29	19:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2023/06/29	20:16:00.0	XRT_Custom_430_OG [0x1ae]								
2023/06/29	20:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2023/06/29	21:17:30.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2023/06/29	21:17:32.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2023/06/29	21:17:34.0	XRT_PREFLR_STRT_405_OG [0x195]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2023/06/29	21:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2023/06/29	21:53:30.0	XRT_Custom_430_OG [0x1ae]								
2023/06/29	21:54:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2023/06/29	22:56:00.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2023/06/29	22:56:02.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2023/06/29	22:56:04.0	XRT_PREFLR_STRT_405_OG [0x195]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2023/06/29	22:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2023/06/29	23:29:00.0	XRT_Custom_430_OG [0x1ae]								
2023/06/29	23:30:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2023/06/30	00:34:30.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2023/06/30	00:34:32.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2023/06/30	00:34:34.0	XRT_PREFLR_STRT_405_OG [0x195]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2023/06/30	00:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2023/06/30	01:04:30.0	XRT_Custom_430_OG [0x1ae]								
2023/06/30	01:05:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2023/06/30	02:10:30.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2023/06/30	02:10:32.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2023/06/30	02:10:34.0	XRT_PREFLR_STRT_405_OG [0x195]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2023/06/30	02:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2023/06/30	02:43:00.0	XRT_Custom_430_OG [0x1ae]								
2023/06/30	02:44:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2023/06/30	03:43:00.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2023/06/30	03:43:02.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2023/06/30	03:43:04.0	XRT_PREFLR_STRT_405_OG [0x195]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2023/06/30	03:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2023/06/30	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				

2023/06/30	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2023/06/30	04:00:00.0	AOCs_Orе-point_Start_2_OG [0x098] AOCU_NM	5	02-76	00 00 00 00 00
2023/06/30	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2023/06/30	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2023/06/30	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2023/06/30	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2023/06/30	04:00:24.0	XRT_FLD_RESET_420_OG [0x1a4] MDP_XRT_FLD_RESET	1	07-F0	da
2023/06/30	04:02:56.0	XRT_QT_PROG_SET_404_OG [0x194] MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2023/06/30	04:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2023/06/30	04:21:30.0	XRT_Custom_430_OG [0x1ae]			
2023/06/30	04:22:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/06/30	05:12:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/06/30	05:12:02.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2023/06/30	05:12:04.0	XRT_PREFLR_STRT_405_OG [0x195] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/06/30	05:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/06/30	05:59:30.0	XRT_Custom_430_OG [0x1ae]			
2023/06/30	06:00:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/06/30	06:05:24.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/06/30	06:05:26.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2023/06/30	06:05:46.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0	d9
2023/06/30	06:05:48.0	XRT_FLRCTRL_DIS_413_OG [0x19d] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2023/06/30	06:05:50.0	XRT_ARS_DIS_417_OG [0x1a1] MDP_XRT_ARS_DIS	1	07-F0	d5
2023/06/30	06:08:28.0	XRT_QT_PROG_SET_428_OG [0x1ac] MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e
2023/06/30	06:08:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/06/30	06:15:24.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/06/30	06:15:26.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2023/06/30	06:15:30.0	AOCs_Orе-point_Start_1_OG [0x097] AOCU_NM	5	02-76	04 06 66 01 58
2023/06/30	06:15:46.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2023/06/30	06:15:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2023/06/30	06:15:50.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2023/06/30	06:15:52.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2023/06/30	06:15:54.0	XRT_FLD_RESET_420_OG [0x1a4] MDP_XRT_FLD_RESET	1	07-F0	da
2023/06/30	06:18:26.0	XRT_QT_PROG_SET_403_OG [0x193] MDP_XRT_QT_PROG_SET	2	07-F0	c4 13
2023/06/30	06:18:28.0	XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2023/06/30	06:18:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/06/30	06:52:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/06/30	06:52:02.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2023/06/30	06:52:04.0	XRT_PREFLR_STRT_405_OG [0x195] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/06/30	06:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/06/30	07:38:00.0	XRT_Custom_430_OG [0x1ae]			
2023/06/30	07:39:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/06/30	08:32:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/06/30	08:32:32.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2023/06/30	08:32:34.0	XRT_PREFLR_STRT_405_OG [0x195] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/06/30	08:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/06/30	09:16:30.0	XRT_Custom_430_OG [0x1ae]			
2023/06/30	09:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/06/30	10:12:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/06/30	10:12:02.0	XRT_FLD_RESET_415_OG [0x19f]			

2023/06/30	10:12:04.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_FLD_RESET	1	07-F0	da				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/06/30	10:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/06/30	10:54:30.0	XRT_Custom_430_OG [0x1ae]								
2023/06/30	10:55:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/06/30	12:02:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/06/30	12:02:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2023/06/30	12:02:34.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/06/30	12:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/06/30	12:33:00.0	XRT_Custom_430_OG [0x1ae]								
2023/06/30	12:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/06/30	13:41:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/06/30	13:41:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2023/06/30	13:41:04.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/06/30	13:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/06/30	14:11:00.0	XRT_Custom_430_OG [0x1ae]								
2023/06/30	14:12:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/06/30	15:19:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/06/30	15:19:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2023/06/30	15:19:04.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/06/30	15:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/06/30	15:49:30.0	XRT_Custom_430_OG [0x1ae]								
2023/06/30	15:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/06/30	16:57:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/06/30	16:57:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2023/06/30	16:57:34.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/06/30	17:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/06/30	17:37:00.0	XRT_Custom_430_OG [0x1ae]								
2023/06/30	17:38:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/06/30	17:52:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/06/30	17:52:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2023/06/30	17:53:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00				
2023/06/30	17:53:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2023/06/30	17:53:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2023/06/30	17:53:20.0	XRT_ARS_DIS_417_OG [0x1a1]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/06/30	17:55:58.0	XRT_QT_PROG_SET_428_OG [0x1ac]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2023/06/30	17:56:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/06/30	18:02:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/06/30	18:02:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2023/06/30	18:03:00.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04 06 66 01 58				
2023/06/30	18:03:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2023/06/30	18:03:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2023/06/30	18:03:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2023/06/30	18:03:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/06/30	18:03:24.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da				
2023/06/30	18:05:56.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2023/06/30	18:05:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2023/06/30	18:06:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/06/30	18:36:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/06/30	18:36:02.0	XRT_FLD_RESET_415_OG [0x19f]								

2023/06/30	18:36:04.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_FLD_RESET	1	07-F0	da		
			MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/06/30	18:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/06/30	19:13:30.0	XRT_Custom_430_OG [0x1ae]						
2023/06/30	19:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/06/30	20:14:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/06/30	20:14:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/06/30	20:14:04.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/06/30	20:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/06/30	20:50:31.0	XRT_Custom_430_OG [0x1ae]						
2023/06/30	20:51:31.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/06/30	21:52:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/06/30	21:52:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/06/30	21:52:34.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/06/30	21:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/06/30	22:27:30.5	XRT_Custom_430_OG [0x1ae]						
2023/06/30	22:28:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/06/30	23:31:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/06/30	23:31:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/06/30	23:31:04.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/06/30	23:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/06/30	23:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/06/30	23:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2023/07/01	00:00:00.0	AOCS_OrE-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	01 06 66 01 58		
2023/07/01	00:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2023/07/01	00:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2023/07/01	00:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2023/07/01	00:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2023/07/01	00:00:24.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/07/01	00:02:30.0	XRT_Custom_430_OG [0x1ae]						
2023/07/01	00:02:54.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07		
2023/07/01	00:02:56.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2023/07/01	00:03:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/07/01	01:09:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/07/01	01:09:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/07/01	01:09:04.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/07/01	01:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/07/01	01:39:30.0	XRT_Custom_430_OG [0x1ae]						
2023/07/01	01:40:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/07/01	02:42:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/07/01	02:42:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/07/01	02:42:04.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/07/01	02:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/07/01	02:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/07/01	02:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2023/07/01	03:00:00.0	AOCS_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04 06 66 01 58		
2023/07/01	03:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2023/07/01	03:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2023/07/01	03:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2023/07/01	03:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]						

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2023/07/01	03:00:24.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5				
			MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/01	03:02:56.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13			
2023/07/01	03:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04			
2023/07/01	03:18:00.0	XRT_Custom_430_OG [0x1ae]								
2023/07/01	03:19:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/01	04:17:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/01	04:17:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/01	04:17:34.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/01	04:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/01	04:56:00.0	XRT_Custom_430_OG [0x1ae]								
2023/07/01	04:57:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/01	05:21:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/01	05:21:26.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2023/07/01	05:21:30.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	00	00	00	00
2023/07/01	05:21:46.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2023/07/01	05:21:48.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2023/07/01	05:21:50.0	XRT_ARS_DIS_417_OG [0x1a1]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/07/01	05:24:28.0	XRT_QT_PROG_SET_428_OG [0x1ac]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e			
2023/07/01	05:24:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/01	05:31:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/01	05:31:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2023/07/01	05:31:30.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04	06	66	01	58
2023/07/01	05:31:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2023/07/01	05:31:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2023/07/01	05:31:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2023/07/01	05:31:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/07/01	05:31:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/01	05:34:26.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13			
2023/07/01	05:34:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04			
2023/07/01	05:34:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/01	05:47:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/01	05:47:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/01	05:47:34.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/01	05:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/01	06:34:30.0	XRT_Custom_430_OG [0x1ae]								
2023/07/01	06:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/01	07:27:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/01	07:27:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/01	07:27:34.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/01	07:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/01	08:12:30.0	XRT_Custom_430_OG [0x1ae]								
2023/07/01	08:13:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/01	09:07:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/01	09:07:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/01	09:07:34.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/01	09:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/01	09:51:00.0	XRT_Custom_430_OG [0x1ae]								
2023/07/01	09:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/01	10:48:00.0	XRT_CTRL_MANU_400_OG [0x190]								

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2023/07/01	10:48:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/07/01	10:48:04.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/07/01	10:51:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/07/01	11:29:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/07/01	11:30:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/07/01	12:37:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/07/01	12:37:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/07/01	12:37:34.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/07/01	12:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/07/01	13:07:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/07/01	13:08:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/07/01	14:15:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/07/01	14:15:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/07/01	14:15:34.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/07/01	14:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/07/01	14:46:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/07/01	14:47:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/07/01	15:54:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/07/01	15:54:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/07/01	15:54:04.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/07/01	15:54:04.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/07/01	15:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/07/01	16:25:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/07/01	16:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/07/01	16:31:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/07/01	16:31:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/07/01	16:31:34.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/07/01	16:31:34.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/07/01	16:34:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/07/01	16:34:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/07/01	16:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/07/01	17:32:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/07/01	17:32:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/07/01	17:32:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/07/01	17:32:34.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/07/01	17:32:34.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/07/01	17:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/07/01	18:10:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/07/01	18:10:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/07/01	18:11:00.0	AOCS_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2023/07/01	18:11:16.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00		
2023/07/01	18:11:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2023/07/01	18:11:20.0	XRT_ARS_DIS_417_OG [0x1a1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2023/07/01	18:13:58.0	XRT_QT_PROG_SET_428_OG [0x1ac]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2023/07/01	18:14:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e		
2023/07/01	18:20:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/07/01	18:20:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/07/01	18:21:00.0	AOCS_ORe-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2023/07/01	18:21:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	04 06 66 01 58		
2023/07/01	18:21:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2023/07/01	18:21:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2023/07/01	18:21:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2023/07/01	18:21:24.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5		

2023/07/01	18:23:56.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/07/01	18:23:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13	
2023/07/01	18:24:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04	
2023/07/01	19:10:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/07/01	19:10:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/07/01	19:10:34.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/07/01	19:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/07/01	19:48:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/07/01	19:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2023/07/01	20:49:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/07/01	20:49:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/07/01	20:49:04.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/07/01	20:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/07/01	21:25:01.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/07/01	21:26:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2023/07/01	22:27:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/07/01	22:27:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/07/01	22:27:34.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/07/01	22:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/07/01	23:01:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/07/01	23:02:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2023/07/02	00:05:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/07/02	00:05:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/07/02	00:05:34.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/07/02	00:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/07/02	00:36:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/07/02	00:37:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2023/07/02	01:44:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/07/02	01:44:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/07/02	01:44:04.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/07/02	01:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/07/02	02:14:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/07/02	02:15:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2023/07/02	03:15:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/07/02	03:15:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/07/02	03:15:04.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/07/02	03:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/07/02	03:52:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/07/02	03:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2023/07/02	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/07/02	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/07/02	04:00:00.0	AOCs_OrE-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00	
2023/07/02	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	00 00 00 00	
2023/07/02	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2023/07/02	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2023/07/02	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2023/07/02	04:00:24.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2023/07/02	04:02:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/07/02	04:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05	
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	04	

2023/07/02	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/02	04:43:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/02	04:43:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/02	04:43:04.0	XRT_PREFLR_STRT_405_OG [0x195]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/02	04:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/02	05:31:00.0	XRT_Custom_430_OG [0x1ae]							
2023/07/02	05:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/02	05:55:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/02	05:55:56.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2023/07/02	05:56:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2023/07/02	05:56:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2023/07/02	05:56:20.0	XRT_ARS_DIS_417_OG [0x1a1]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/07/02	05:58:58.0	XRT_QT_PROG_SET_428_OG [0x1ac]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2023/07/02	05:59:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/02	06:05:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/02	06:05:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2023/07/02	06:06:00.0	AOCS_ORe-point_Start_8_OG [0x09e]							
		AOCU_NM	5	02-76	02 06 66 01 58				
2023/07/02	06:06:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2023/07/02	06:06:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2023/07/02	06:06:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2023/07/02	06:06:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/07/02	06:06:24.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/02	06:08:56.0	XRT_QT_PROG_SET_403_OG [0x193]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2023/07/02	06:08:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2023/07/02	06:09:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/02	06:23:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/02	06:23:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/02	06:23:04.0	XRT_PREFLR_STRT_405_OG [0x195]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/02	06:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/02	07:09:00.0	XRT_Custom_430_OG [0x1ae]							
2023/07/02	07:10:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/02	08:03:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/02	08:03:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/02	08:03:04.0	XRT_PREFLR_STRT_405_OG [0x195]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/02	08:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/02	08:47:30.0	XRT_Custom_430_OG [0x1ae]							
2023/07/02	08:48:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/02	09:42:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/02	09:42:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/02	09:42:34.0	XRT_PREFLR_STRT_405_OG [0x195]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/02	09:45:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/02	10:26:00.0	XRT_Custom_430_OG [0x1ae]							
2023/07/02	10:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/02	11:24:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/02	11:24:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/02	11:24:04.0	XRT_PREFLR_STRT_405_OG [0x195]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/02	11:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/02	11:33:00.0	XRT_Custom_430_OG [0x1ae]							
2023/07/02	11:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				

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2023/07/02	11:34:00.5	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/02	11:34:02.5	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/02	11:34:04.5	XRT_PREFLR_STRT_405_OG [0x195]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/02	11:37:14.5	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/02	12:04:00.0	XRT_Custom_430_OG [0x1ae]							
2023/07/02	12:05:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/02	13:12:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/02	13:12:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/02	13:12:04.0	XRT_PREFLR_STRT_405_OG [0x195]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/02	13:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/02	13:42:30.0	XRT_Custom_430_OG [0x1ae]							
2023/07/02	13:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/02	14:50:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/02	14:50:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/02	14:50:34.0	XRT_PREFLR_STRT_405_OG [0x195]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/02	14:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/02	15:20:30.0	XRT_Custom_430_OG [0x1ae]							
2023/07/02	15:21:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/02	16:29:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/02	16:29:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/02	16:29:04.0	XRT_PREFLR_STRT_405_OG [0x195]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/02	16:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/02	17:09:00.0	XRT_Custom_430_OG [0x1ae]							
2023/07/02	17:10:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/02	17:52:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/02	17:52:26.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2023/07/02	17:52:30.0	AOCS_OrE-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2023/07/02	17:52:46.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2023/07/02	17:52:48.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2023/07/02	17:52:50.0	XRT_ARS_DIS_417_OG [0x1a1]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/07/02	17:55:28.0	XRT_QT_PROG_SET_428_OG [0x1ac]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2023/07/02	17:55:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/02	18:02:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/02	18:02:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2023/07/02	18:02:30.0	AOCS_OrE-point_Start_8_OG [0x09e]							
		AOCU_NM	5	02-76	02 06 66 01 58				
2023/07/02	18:02:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2023/07/02	18:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2023/07/02	18:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2023/07/02	18:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/07/02	18:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/02	18:05:26.0	XRT_QT_PROG_SET_403_OG [0x193]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2023/07/02	18:05:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2023/07/02	18:05:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/02	18:07:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/02	18:07:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/02	18:07:04.0	XRT_PREFLR_STRT_405_OG [0x195]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/02	18:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/02	18:45:30.0	XRT_Custom_430_OG [0x1ae]							
2023/07/02	18:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				

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2023/07/02	19:45:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/02	19:45:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/02	19:45:34.0	XRT_PREFLR_STRT_405_OG [0x195]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/02	19:48:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/02	20:22:00.0	XRT_Custom_430_OG [0x1ae]							
2023/07/02	20:23:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/02	21:24:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/02	21:24:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/02	21:24:04.0	XRT_PREFLR_STRT_405_OG [0x195]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/02	21:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/02	21:59:31.0	XRT_Custom_430_OG [0x1ae]							
2023/07/02	22:00:31.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/02	23:02:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/02	23:02:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/02	23:02:04.0	XRT_PREFLR_STRT_405_OG [0x195]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/02	23:05:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/02	23:35:00.0	XRT_Custom_430_OG [0x1ae]							
2023/07/02	23:36:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/03	00:40:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/03	00:40:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/03	00:40:34.0	XRT_PREFLR_STRT_405_OG [0x195]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/03	00:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/03	01:10:30.0	XRT_Custom_430_OG [0x1ae]							
2023/07/03	01:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/03	02:15:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/03	02:15:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/03	02:15:34.0	XRT_PREFLR_STRT_405_OG [0x195]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/03	02:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/03	02:49:00.0	XRT_Custom_430_OG [0x1ae]							
2023/07/03	02:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/03	03:49:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/03	03:49:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/03	03:49:04.0	XRT_PREFLR_STRT_405_OG [0x195]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/03	03:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/03	04:27:30.0	XRT_Custom_430_OG [0x1ae]							
2023/07/03	04:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/03	05:18:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/03	05:18:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/03	05:18:04.0	XRT_PREFLR_STRT_405_OG [0x195]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/03	05:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/03	06:05:30.0	XRT_Custom_430_OG [0x1ae]							
2023/07/03	06:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/03	06:11:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/03	06:11:26.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2023/07/03	06:11:30.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2023/07/03	06:11:46.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2023/07/03	06:11:48.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2023/07/03	06:11:50.0	XRT_ARS_DIS_417_OG [0x1a1]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/07/03	06:14:28.0	XRT_QT_PROG_SET_428_OG [0x1ac]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2023/07/03	06:14:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				

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2023/07/03	06:21:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/03	06:21:26.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2023/07/03	06:21:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2023/07/03	06:21:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2023/07/03	06:21:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2023/07/03	06:21:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/07/03	06:21:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/03	06:24:26.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05	
2023/07/03	06:24:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2023/07/03	06:24:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/03	06:58:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/03	06:58:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/03	06:58:34.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/03	07:01:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/03	07:44:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/03	07:44:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2023/07/03	07:45:00.0	AOCS_Ore-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	02 06 66 01 58	
2023/07/03	07:45:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2023/07/03	07:45:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2023/07/03	07:45:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2023/07/03	07:45:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/07/03	07:45:24.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/03	07:47:56.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13	
2023/07/03	07:47:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2023/07/03	07:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/03	08:38:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/03	08:38:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/03	08:38:34.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/03	08:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/03	09:22:00.0	XRT_Custom_430_OG [0x1ae]					
2023/07/03	09:23:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/03	10:18:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/03	10:18:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/03	10:18:04.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/03	10:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/03	11:00:30.0	XRT_Custom_430_OG [0x1ae]					
2023/07/03	11:01:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/03	12:08:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/03	12:08:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/03	12:08:34.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/03	12:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/03	12:39:00.0	XRT_Custom_430_OG [0x1ae]					
2023/07/03	12:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/03	13:47:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/03	13:47:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/03	13:47:04.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/03	13:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/03	14:17:00.0	XRT_Custom_430_OG [0x1ae]					
2023/07/03	14:18:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					

2023/07/03	15:25:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/03	15:25:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	da	
			MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/03	15:25:34.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/03	15:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/03	15:56:00.0	XRT_Custom_430_OG [0x1ae]	XRT_CTRL_AUTO_424_OG [0x1a8]				
2023/07/03	15:57:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/03	17:03:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/03	17:03:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
			MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/03	17:03:34.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/03	17:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/03	17:43:00.0	XRT_Custom_430_OG [0x1ae]	XRT_CTRL_AUTO_424_OG [0x1a8]				
2023/07/03	17:44:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/03	17:58:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/03	17:58:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2023/07/03	17:59:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
			AOCU_NM	5	02-76	00 00 00 00 00	
2023/07/03	17:59:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
			MDP_XRT_FLD_DIS	1	07-F0	d9	
2023/07/03	17:59:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2023/07/03	17:59:20.0	XRT_ARS_DIS_417_OG [0x1a1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/07/03	18:01:58.0	XRT_QT_PROG_SET_428_OG [0x1ac]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e	
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e	
2023/07/03	18:02:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/03	18:08:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/03	18:08:56.0	XRT_FOCUS_RECALIBRATE_445_OG [0x1bd]	XRT_FOCUS_RECAL	2	07-F8	78 00	
			XRT_FOCUS_RECAL	2	07-F8	78 00	
2023/07/03	18:09:00.0	AOCS_ORe-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	02 06 66 01 58	
			AOCU_NM	5	02-76	02 06 66 01 58	
2023/07/03	18:12:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2023/07/03	18:13:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
			MDP_XRT_FLD_ENA	1	07-F0	d8	
2023/07/03	18:13:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2023/07/03	18:13:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
			MDP_XRT_AEC_RESET	1	07-F0	d0	
2023/07/03	18:13:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/07/03	18:13:24.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
			MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/03	18:15:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03	
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 03	
2023/07/03	18:15:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2023/07/03	18:16:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/03	18:42:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/03	18:42:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
			MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/03	18:42:04.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/03	18:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/03	19:19:30.0	XRT_Custom_430_OG [0x1ae]	XRT_CTRL_AUTO_424_OG [0x1a8]				
2023/07/03	19:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/03	20:20:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/03	20:20:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
			MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/03	20:20:34.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/03	20:23:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/03	20:56:30.0	XRT_Custom_430_OG [0x1ae]	XRT_CTRL_AUTO_424_OG [0x1a8]				
2023/07/03	20:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/03	21:58:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/03	21:58:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
			MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/03	21:58:34.0	XRT_PREFLR_STRT_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/03	22:01:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	

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2023/07/03	22:33:30.5	XRT_Custom_430_OG [0x1ae]			
2023/07/03	22:34:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/07/03	23:37:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/07/03	23:37:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2023/07/03	23:37:04.0	XRT_PREFLR_STRT_405_OG [0x195]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/07/03	23:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/07/04	00:08:00.0	XRT_Custom_430_OG [0x1ae]			
2023/07/04	00:09:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/07/04	01:15:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/07/04	01:15:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2023/07/04	01:15:04.0	XRT_PREFLR_STRT_405_OG [0x195]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/07/04	01:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/07/04	01:45:30.0	XRT_Custom_430_OG [0x1ae]			
2023/07/04	01:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/07/04	02:47:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/07/04	02:47:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2023/07/04	02:47:34.0	XRT_PREFLR_STRT_405_OG [0x195]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/07/04	02:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/07/04	03:23:30.0	XRT_Custom_430_OG [0x1ae]			
2023/07/04	03:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/07/04	04:14:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/07/04	04:14:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2023/07/04	04:15:00.0	AOCs_OrE-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2023/07/04	04:15:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2023/07/04	04:15:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2023/07/04	04:15:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2023/07/04	04:15:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2023/07/04	04:15:24.0	XRT_FLD_RESET_420_OG [0x1a4]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2023/07/04	04:17:56.0	XRT_QT_PROG_SET_404_OG [0x194]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2023/07/04	04:17:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2023/07/04	04:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/07/04	04:23:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/07/04	04:23:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2023/07/04	04:23:34.0	XRT_PREFLR_STRT_405_OG [0x195]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/07/04	04:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/07/04	05:02:00.0	XRT_Custom_430_OG [0x1ae]			
2023/07/04	05:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/07/04	05:43:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/07/04	05:43:26.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2023/07/04	05:43:46.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2023/07/04	05:43:48.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2023/07/04	05:43:50.0	XRT_ARS_DIS_417_OG [0x1a1]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2023/07/04	05:46:28.0	XRT_QT_PROG_SET_428_OG [0x1ac]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e
2023/07/04	05:46:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/07/04	05:53:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/07/04	05:53:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2023/07/04	05:53:34.0	XRT_PREFLR_STRT_405_OG [0x195]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/07/04	05:56:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/07/04	06:29:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1

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2023/07/04	06:29:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2023/07/04	06:30:00.0	AOCS_ORe-point_Start_8_OG [0x09e]							
		AOCU_NM	5	02-76	02	06	66	01	58
2023/07/04	06:30:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2023/07/04	06:30:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2023/07/04	06:30:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2023/07/04	06:30:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/07/04	06:30:24.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/04	06:32:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2023/07/04	06:32:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	04			
2023/07/04	06:40:30.0	XRT_Custom_430_OG [0x1ae]							
2023/07/04	06:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/04	07:33:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/04	07:33:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/04	07:33:34.0	XRT_PREFLR_STRT_405_OG [0x195]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/04	07:36:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/04	08:18:30.0	XRT_Custom_430_OG [0x1ae]							
2023/07/04	08:19:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/04	09:13:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/04	09:13:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/04	09:13:34.0	XRT_PREFLR_STRT_405_OG [0x195]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/04	09:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/04	09:57:00.0	XRT_Custom_430_OG [0x1ae]							
2023/07/04	09:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/04	10:49:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/04	10:54:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00