

XRT Timeline to be uploaded on 2023/07/25

Period: 2023/07/25 11:39:00 - 2023/08/02 12:13:00

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Normal mode

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

Term	Pointing (x, y)	Comment
07/25 12:17:00 - 07/25 17:59:54	Track (689.2, 268.9) ^{Ⓢ 07/25 11:49:00}	# OP start + 10min, HOP 467 at AR 13376
07/25 18:13:00 - 07/26 04:01:30	Track (717.6, 272.5) ^{Ⓢ 07/25 18:10:00}	HOP 467
07/26 06:34:30 - 07/26 17:18:00	Track (765.3, 280.2) ^{Ⓢ 07/26 06:31:30}	HOP 467
07/26 18:09:00 - 07/27 02:59:30	Track (800.4, 287.8) ^{Ⓢ 07/26 18:06:00}	HOP 467
07/27 18:30:30 - 07/28 03:33:00	Track (-335.5, -334.1) ^{Ⓢ 07/27 17:49:30}	HOP 467
07/28 06:12:00 - 07/28 17:59:54	Track (-229.7, -337.8) ^{Ⓢ 07/28 06:09:00}	HOP 467
07/28 18:13:00 - 07/28 19:49:54	Track (-123.5, -340.2) ^{Ⓢ 07/28 18:10:00}	HOP 467
07/29 03:07:30 - 07/29 04:07:00	Track (-45.9, -341.2) ^{Ⓢ 07/29 02:50:00}	HOP 467
07/29 06:40:00 - 07/29 17:24:00	Track (-11.9, -341.5) ^{Ⓢ 07/29 06:37:00}	HOP 467
07/30 18:36:00 - 07/31 03:38:30	Track (299.0, -337.9) ^{Ⓢ 07/30 17:56:30}	HOP 467
07/31 06:16:30 - 07/31 06:47:30	Track (399.9, -334.2) ^{Ⓢ 07/31 06:10:00}	HOP 467
07/31 10:03:00 - 07/31 18:02:54	Track (430.4, -332.7) ^{Ⓢ 07/31 10:00:00}	HOP 467

PROG= 10 Inf.-time(s)

Subr= 1		1-time(s)	2.0sec										
Seqn= 92		1-time(s)	2.0sec										
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec	
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec	
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec	
Subr= 2		5-time(s)	2.0sec										
Seqn= 47		1-time(s)	2.0sec										
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec	
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec	
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec	
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec	
Seqn= 96		4-time(s)	120.0sec										
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec	
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec	
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec	
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec	
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec	
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec	
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval		

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

Term	Pointing (x, y)	Comment
07/25 18:03:00 - 07/25 18:09:54	Fixed (0.0, 0.0)	synoptic
07/26 06:24:30 - 07/26 06:31:24	Fixed (0.0, 0.0)	HOP 349/448
07/26 17:59:00 - 07/26 18:05:54	Fixed (0.0, 0.0)	synoptic, shifted -4.0 min
07/27 05:43:00 - 07/27 05:49:54	Fixed (0.0, 0.0)	HOP 349/448
07/27 17:42:30 - 07/27 17:49:24	Fixed (0.0, 0.0)	synoptic, shifted -20.5 min
07/28 06:02:00 - 07/28 06:08:54	Fixed (0.0, 0.0)	HOP 349/448
07/28 18:03:00 - 07/28 18:09:54	Fixed (0.0, 0.0)	synoptic
07/29 06:30:00 - 07/29 06:36:54	Fixed (0.0, 0.0)	HOP 349/448
07/29 18:04:00 - 07/29 18:10:54	Fixed (0.0, 0.0)	synoptic, shifted 1.0 min
07/30 05:48:30 - 07/30 05:55:24	Fixed (0.0, 0.0)	HOP 349/448
07/30 17:49:30 - 07/30 17:56:24	Fixed (0.0, 0.0)	synoptic, shifted -13.5 min
07/31 06:03:00 - 07/31 06:09:24	Fixed (0.0, 0.0)	HOP 349/448
07/31 18:06:00 - 07/31 18:12:54	Fixed (0.0, 0.0)	synoptic, shifted 3.0 min
08/01 06:35:00 - 08/01 06:41:54	Fixed (0.0, 0.0)	HOP 349/448

PROG= 17 1-time(s)

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

Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2 1-time(s) 2.0sec												
Seqn= 41 1-time(s) 2.0sec												
Open/thick-Be	Open/thick-Be	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 17 1-time(s) 2.0sec												
med-Al/Open	med-Al/thick-Al	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
med-Al/Open	med-Al/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
med-Al/Open	med-Al/Open	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 33 1-time(s) 2.0sec												
med-Be/Open	Open/thick-Al	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
med-Be/Open	med-Be/Open	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
med-Be/Open	med-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 56 1-time(s) 2.0sec												
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #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
07/26 04:40:00 - 07/26 05:31:00	Fixed (0.0, 0.0)	HOP 349/448
07/27 03:43:00 - 07/27 05:39:54	Fixed (0.0, 0.0)	HOP 349/448
07/28 04:11:00 - 07/28 05:01:30	Fixed (0.0, 0.0)	HOP 349/448
07/29 04:46:00 - 07/29 05:37:00	Fixed (0.0, 0.0)	HOP 349/448
07/30 03:48:30 - 07/30 05:45:24	Fixed (0.0, 0.0)	HOP 349/448
07/31 04:17:00 - 07/31 05:07:30	Fixed (0.0, 0.0)	HOP 349/448
08/01 04:51:30 - 08/01 05:43:00	Fixed (0.0, 0.0)	HOP 349/448

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 #1BFE: 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
07/27 05:53:00 - 07/27 17:39:24	Track (-434.1, -329.4) ^{Ⓢ 07/27 05:50:00}	HOP 467, AR 13380
07/29 18:14:00 - 07/30 03:05:00	Track (91.7, -341.5) ^{Ⓢ 07/29 18:11:00}	HOP 467
07/30 05:58:30 - 07/30 17:46:24	Track (195.6, -340.3) ^{Ⓢ 07/30 05:55:30}	HOP 467
07/31 18:16:00 - 08/01 04:13:00	Track (493.7, -329.3) ^{Ⓢ 07/31 18:13:00}	HOP 467

PROG= 07 Inf.-time(s)

Subr= 1 1-time(s) 2.0sec												
Seqn= 92 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
Subr= 2 4-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= 77 4-time(s) 300.0sec												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec

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

XOB #1C8D: Alignment with North Pole Al/poly 1443ms Q95 2x2 (G-band and VLS=CLS) - 5min cad

Term	Pointing (x, y)	Comment
07/28 20:05:00 - 07/28 21:49:54	Fixed (0.0, 930.0)	Co-alignment at N-pole
PROG= 09 1-time(s)		
Subr= 1	1-time(s) 2.0sec	
Seqn= 23	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
Subr= 2	24-time(s) 300.0sec	
Seqn= 69	1-time(s) 2.0sec	
Al-poly/Open	med-Be/Open close	Safe Norm 1.41s Obs 2x2 2048x1536 (1024, 768) Q=95 0 0 2.0sec
Default Filter	Thicker Filter	VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

XOB #1C8E: Alignment with East limb Al/poly 1443ms Q95 2x2 (G-band and VLS=CLS) - 8 min cad

Term	Pointing (x, y)	Comment
07/28 22:05:00 - 07/28 23:49:54	Fixed (-970.0, 0.0)	Co-alignment at E-limb
PROG= 15 1-time(s)		
Subr= 1	1-time(s) 2.0sec	
Seqn= 23	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
Subr= 2	15-time(s) 480.0sec	
Seqn= 70	1-time(s) 2.0sec	
Al-poly/Open	med-Be/Open close	Safe Norm 1.41s Obs 2x2 1536x2048 (1280, 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 #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
07/28 23:53:00 - 07/29 02:32:30	Fixed (-15.0, -163.0)	HOP 393
PROG= 01 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 #1B89: 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
07/31 07:33:30 - 07/31 09:59:54	Track (406.6, -333.9) @ 07/31 07:00:00	HOP 468, GREGOR
08/01 06:45:00 - 08/01 10:27:30	Track (583.5, -323.0) @ 08/01 06:42:00	HOP 468, GREGOR
PROG= 13 Inf.-time(s)		
Subr= 1	1-time(s) 2.0sec	
Seqn= 92	1-time(s) 2.0sec	
Open/G-band	Open/G-band open	Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec
Open/G-band	Open/G-band close	Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec
Open/Ti-poly	Open/thick-Al close	Safe Dark 16.0s Obs 1x1 384x384 (1064, 1048) Q=98 0 0 2.0sec
Subr= 2	5-time(s) 2.0sec	
Seqn= 47	1-time(s) 2.0sec	
Al-poly/Open	thin-Be/Open close	Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 2 0 2.0sec
Al-poly/Open	thin-Be/Open close	Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec
thin-Be/Open	med-Be/Open close	Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 2 0 2.0sec
thin-Be/Open	med-Be/Open close	Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec
Seqn= 96	4-time(s) 60.0sec	
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
07/25 12:17:00 - 07/25 17:59:54	Track (689.2, 268.9) @ 07/25 11:49:00	# OP start + 10min, HOP 467 at AR 13376
07/25 18:13:00 - 07/26 04:01:30	Track (717.6, 272.5) @ 07/25 18:10:00	HOP 467
07/26 04:40:00 - 07/26 05:31:00	Fixed (0.0, 0.0)	HOP 349/448
07/26 06:34:30 - 07/26 17:18:00	Track (765.3, 280.2) @ 07/26 06:31:30	HOP 467
07/26 18:09:00 - 07/27 02:59:30	Track (800.4, 287.8) @ 07/26 18:06:00	HOP 467
07/27 03:43:00 - 07/27 05:39:54	Fixed (0.0, 0.0)	HOP 349/448
07/27 05:53:00 - 07/27 17:39:24	Track (-434.1, -329.4) @ 07/27 05:50:00	HOP 467, AR 13380
07/27 18:30:30 - 07/28 03:33:00	Track (-335.5, -334.1) @ 07/27 17:49:30	HOP 467
07/28 04:11:00 - 07/28 05:01:30	Fixed (0.0, 0.0)	HOP 349/448
07/28 06:12:00 - 07/28 17:59:54	Track (-229.7, -337.8) @ 07/28 06:09:00	HOP 467
07/28 18:13:00 - 07/28 19:49:54	Track (-123.5, -340.2) @ 07/28 18:10:00	HOP 467
07/28 23:53:00 - 07/29 02:32:30	Fixed (-15.0, -163.0)	HOP 393
07/29 03:07:30 - 07/29 04:07:00	Track (-45.9, -341.2) @ 07/29 02:50:00	HOP 467
07/29 04:46:00 - 07/29 05:37:00	Fixed (0.0, 0.0)	HOP 349/448
07/29 06:40:00 - 07/29 17:24:00	Track (-11.9, -341.5) @ 07/29 06:37:00	HOP 467
07/29 18:14:00 - 07/30 03:05:00	Track (91.7, -341.5) @ 07/29 18:11:00	HOP 467
07/30 03:48:30 - 07/30 05:45:24	Fixed (0.0, 0.0)	HOP 349/448
07/30 05:58:30 - 07/30 17:46:24	Track (195.6, -340.3) @ 07/30 05:55:30	HOP 467
07/30 18:36:00 - 07/31 03:38:30	Track (299.0, -337.9) @ 07/30 17:56:30	HOP 467
07/31 04:17:00 - 07/31 05:07:30	Fixed (0.0, 0.0)	HOP 349/448
07/31 06:16:30 - 07/31 06:47:30	Track (399.9, -334.2) @ 07/31 06:10:00	HOP 467
07/31 07:33:30 - 07/31 09:59:54	Track (406.6, -333.9) @ 07/31 07:00:00	HOP 468, GREGOR
07/31 10:03:00 - 07/31 18:02:54	Track (430.4, -332.7) @ 07/31 10:00:00	HOP 467
07/31 18:16:00 - 08/01 04:13:00	Track (493.7, -329.3) @ 07/31 18:13:00	HOP 467
08/01 04:51:30 - 08/01 05:43:00	Fixed (0.0, 0.0)	HOP 349/448
08/01 06:45:00 - 08/01 10:27:30	Track (583.5, -323.0) @ 08/01 06:42:00	HOP 468, GREGOR

PROG= 04 30-time(s)

Subr=	Seqn=	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
Subr= 1	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
Subr= 1	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	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

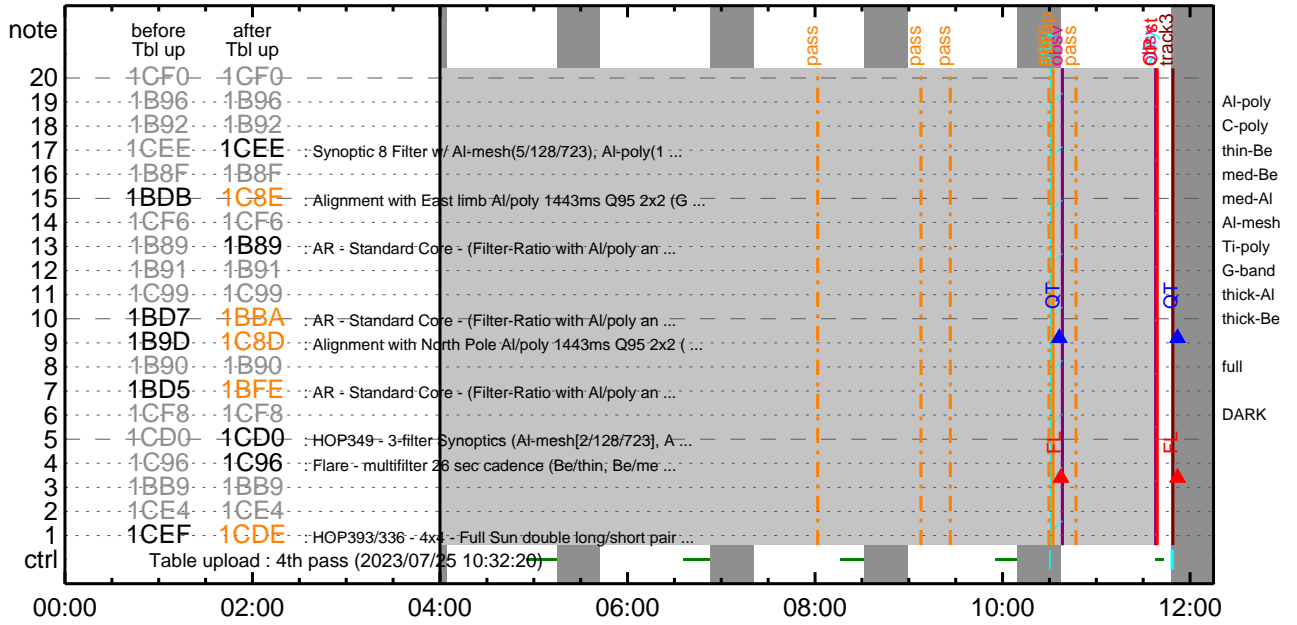
* * * * *

FLD Patrol

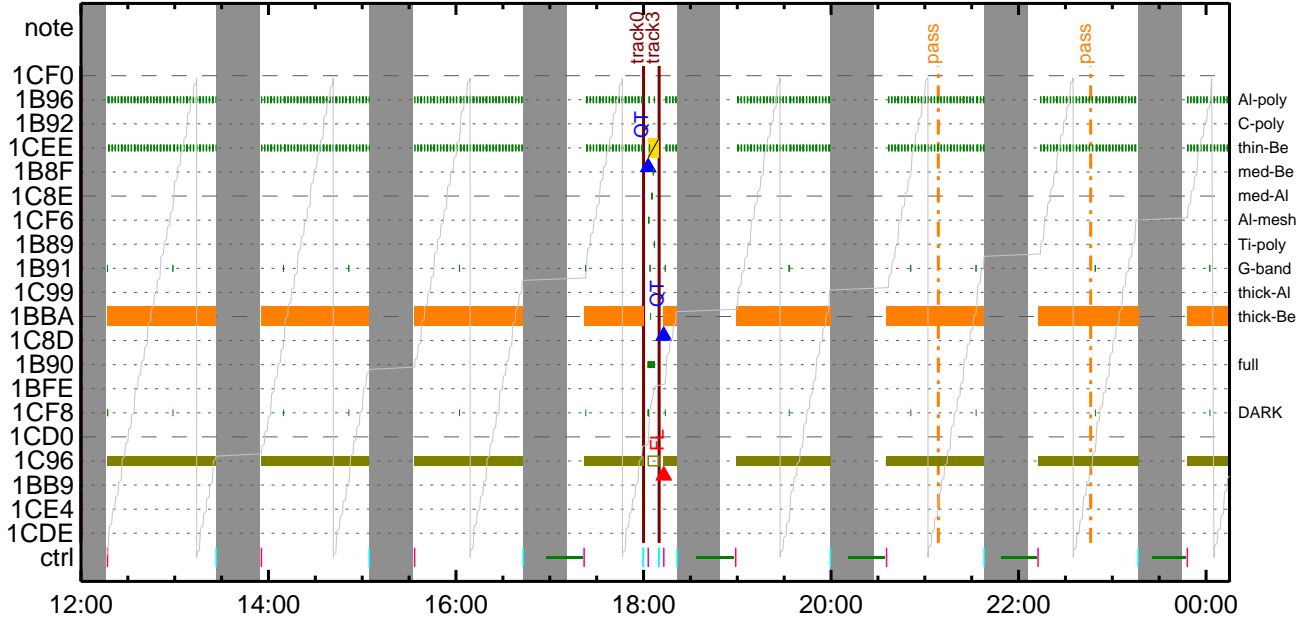
Term	Pointing (x, y)	Comment
07/25 10:33:20 - 07/25 18:00:18	cannot be identified	
07/25 18:10:18 - 07/26 06:21:48	Track (717.6, 272.5) @ 07/25 18:10:00	HOP 467
07/26 06:31:48 - 07/26 17:56:18	Track (765.3, 280.2) @ 07/26 06:31:30	HOP 467
07/26 18:06:18 - 07/27 05:40:18	Track (800.4, 287.8) @ 07/26 18:06:00	HOP 467
07/27 05:50:18 - 07/27 17:39:48	Track (-434.1, -329.4) @ 07/27 05:50:00	HOP 467, AR 13380
07/27 17:49:48 - 07/28 05:59:18	Track (-335.5, -334.1) @ 07/27 17:49:30	HOP 467
07/28 06:09:18 - 07/28 18:00:18	Track (-229.7, -337.8) @ 07/28 06:09:00	HOP 467
07/28 18:10:18 - 07/28 19:50:18	Track (-123.5, -340.2) @ 07/28 18:10:00	HOP 467
07/28 23:50:16 - 07/29 06:27:18	Fixed (-15.0, -163.0)	HOP 393
07/29 06:37:18 - 07/29 18:01:18	Track (-11.9, -341.5) @ 07/29 06:37:00	HOP 467
07/29 18:11:18 - 07/30 05:45:48	Track (91.7, -341.5) @ 07/29 18:11:00	HOP 467
07/30 05:55:48 - 07/30 17:46:48	Track (195.6, -340.3) @ 07/30 05:55:30	HOP 467
07/30 17:56:48 - 07/31 06:00:18	Track (299.0, -337.9) @ 07/30 17:56:30	HOP 467
07/31 06:13:48 - 07/31 18:03:18	Track (399.9, -334.2) @ 07/31 06:10:00	HOP 467
07/31 18:13:18 - 08/01 06:32:18	Track (493.7, -329.3) @ 07/31 18:13:00	HOP 467
08/01 06:42:18 - 08/02 12:13:00	Track (583.5, -323.0) @ 08/01 06:42:00	HOP 468, GREGOR

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

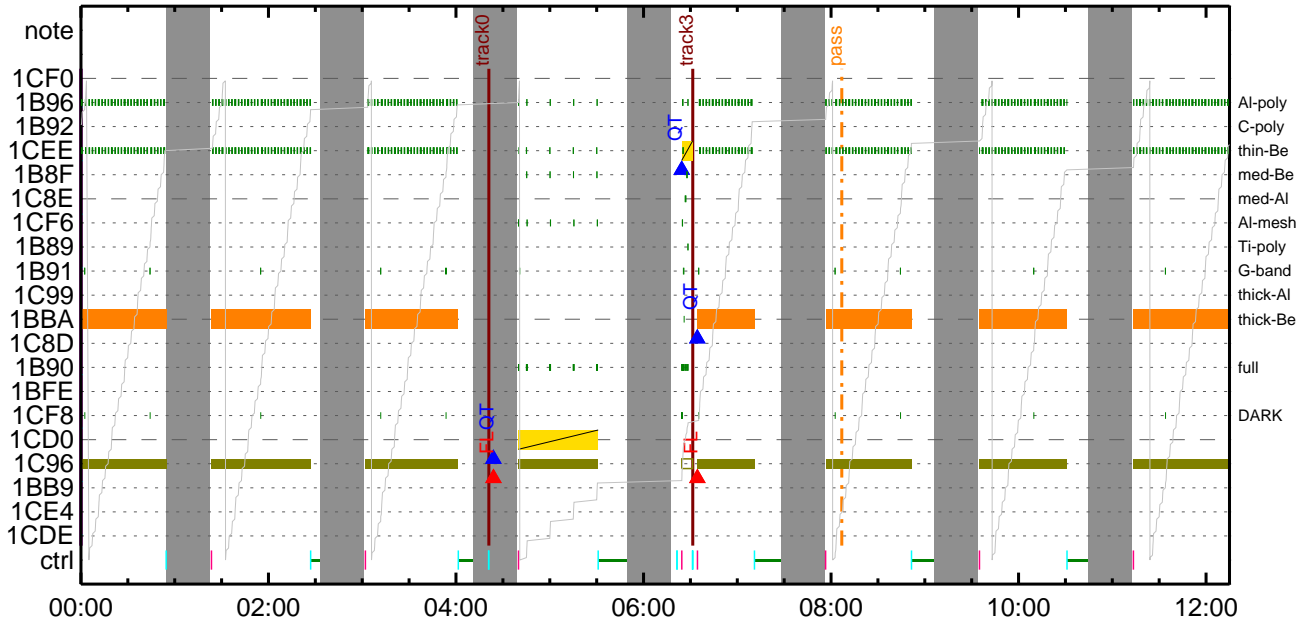
CMDI #0221 2023/07/25



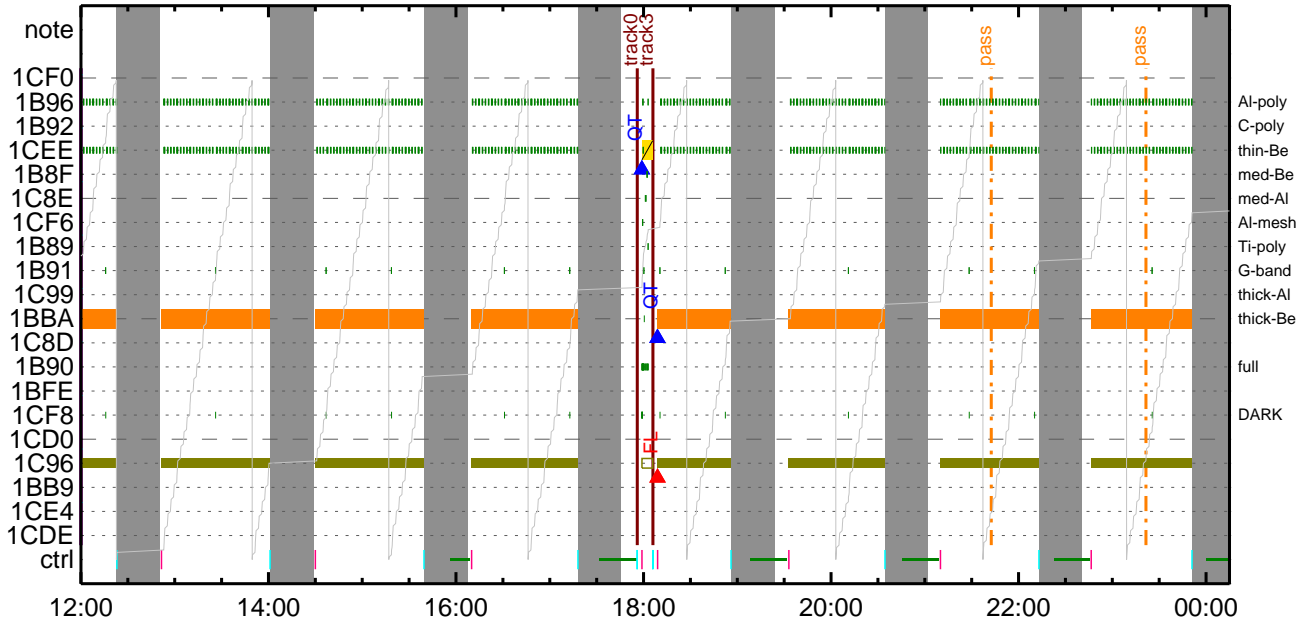
CMDI #0221 2023/07/25



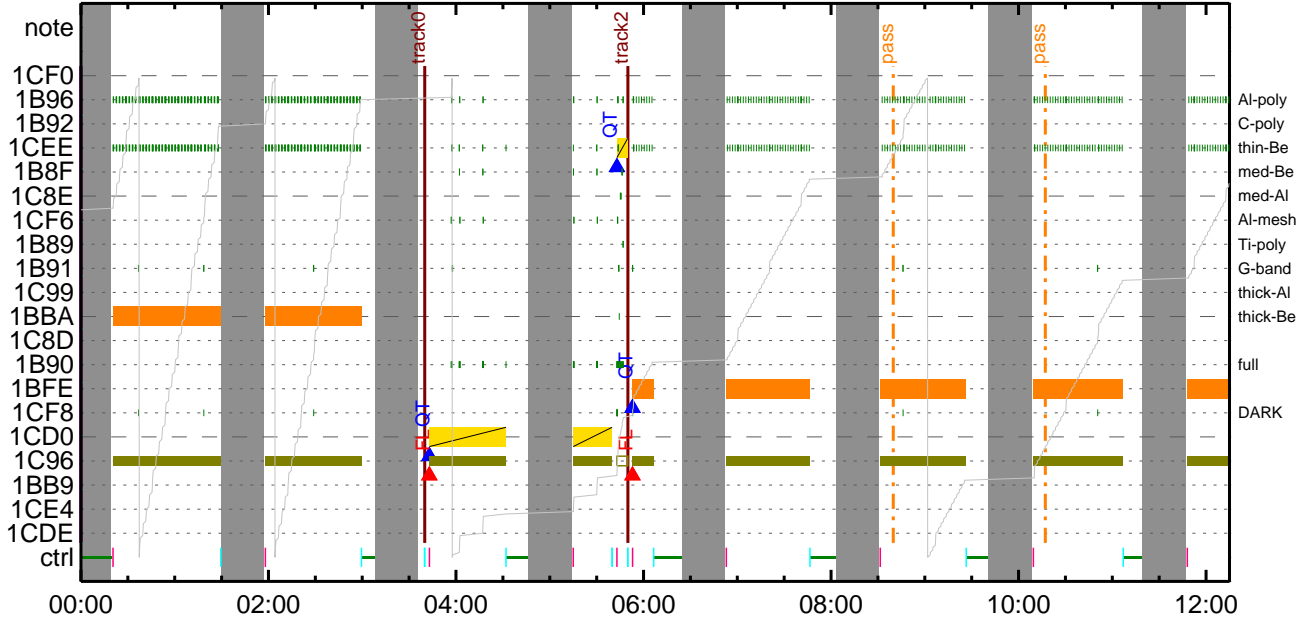
CMDI #0221 2023/07/26



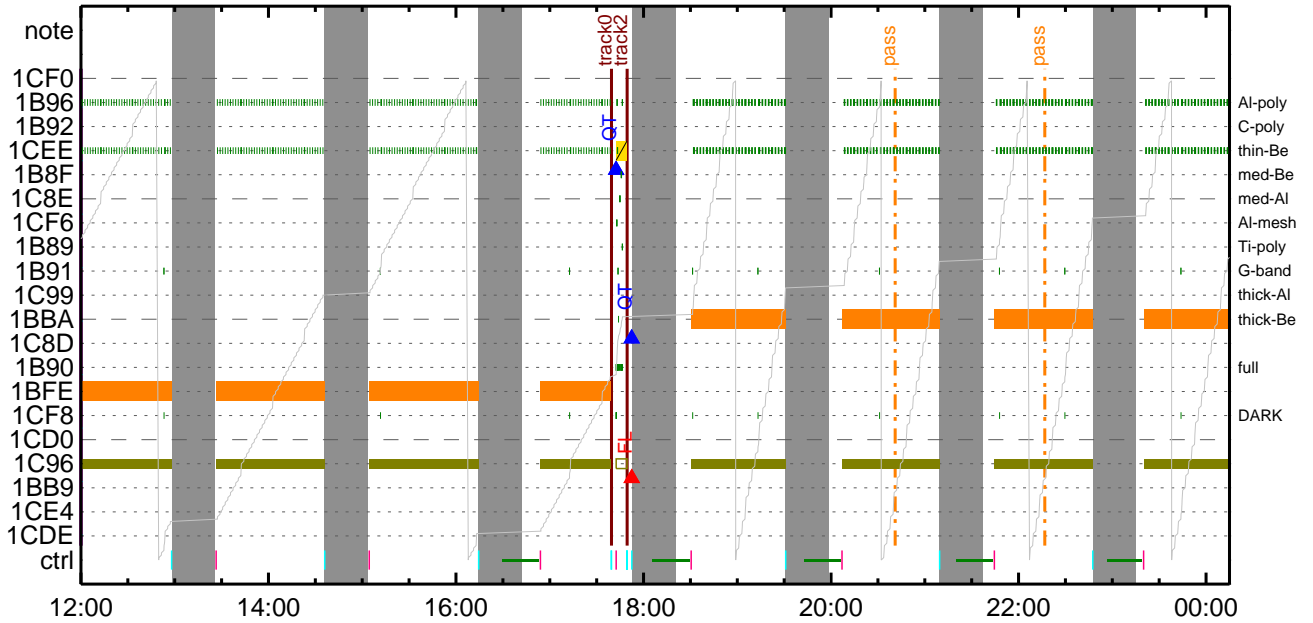
CMDI #0221 2023/07/26



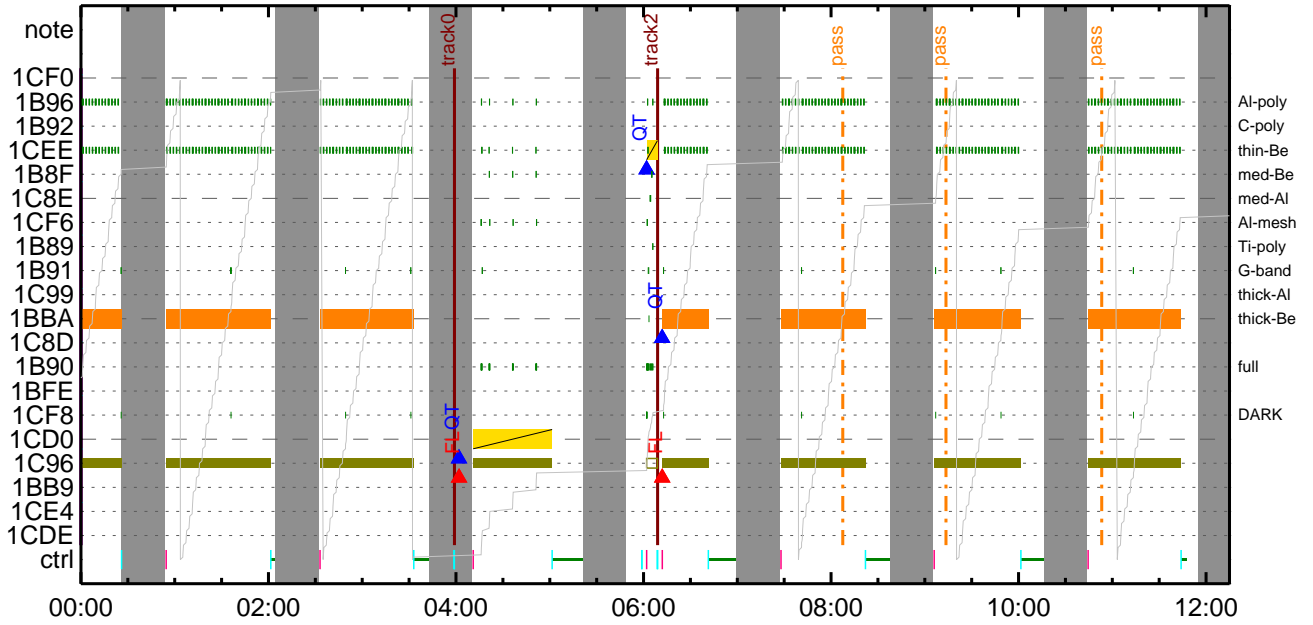
CMDI #0221 2023/07/27



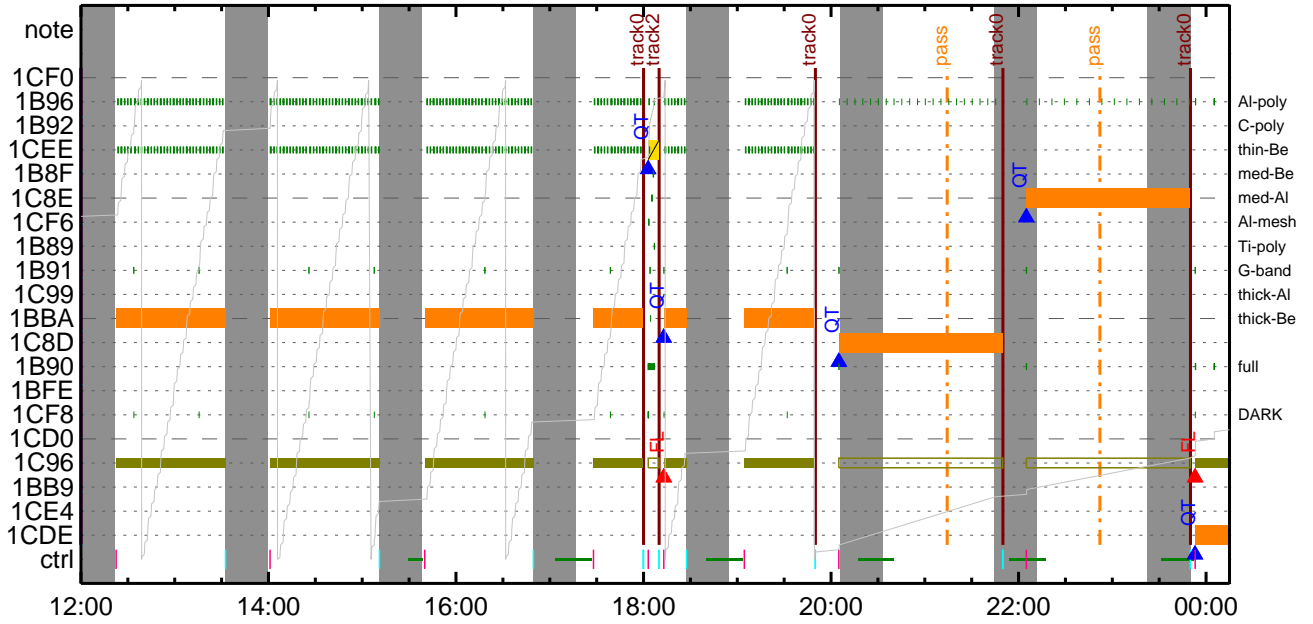
CMDI #0221 2023/07/27



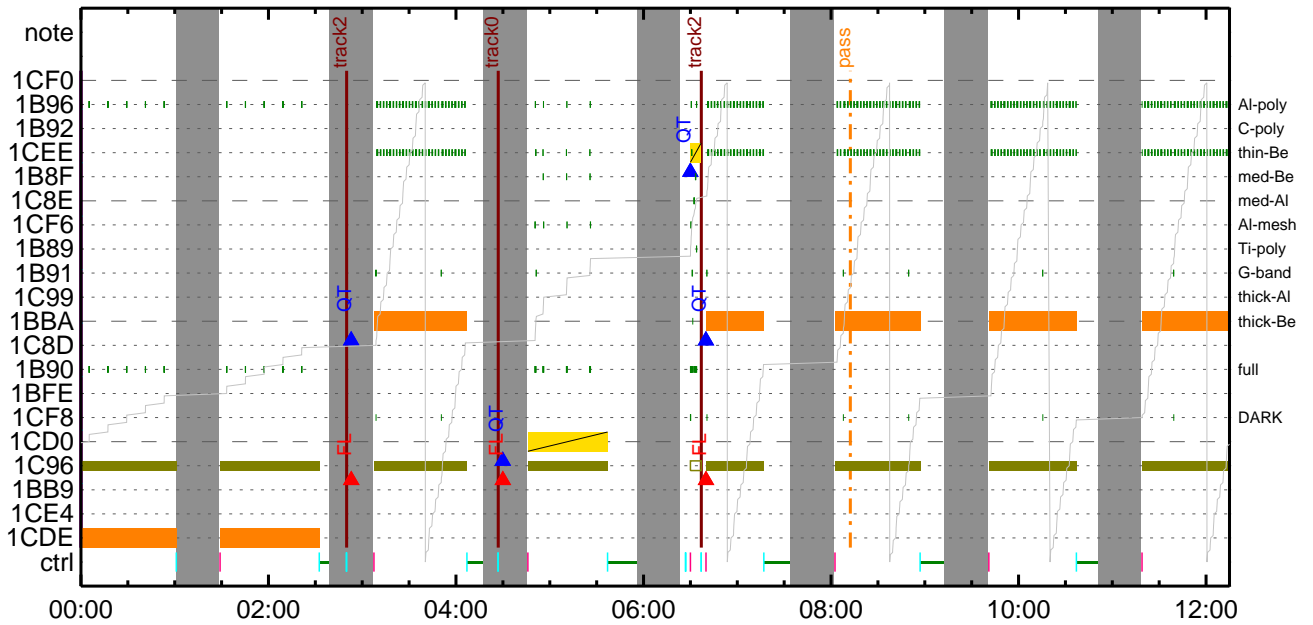
CMDI #0221 2023/07/28



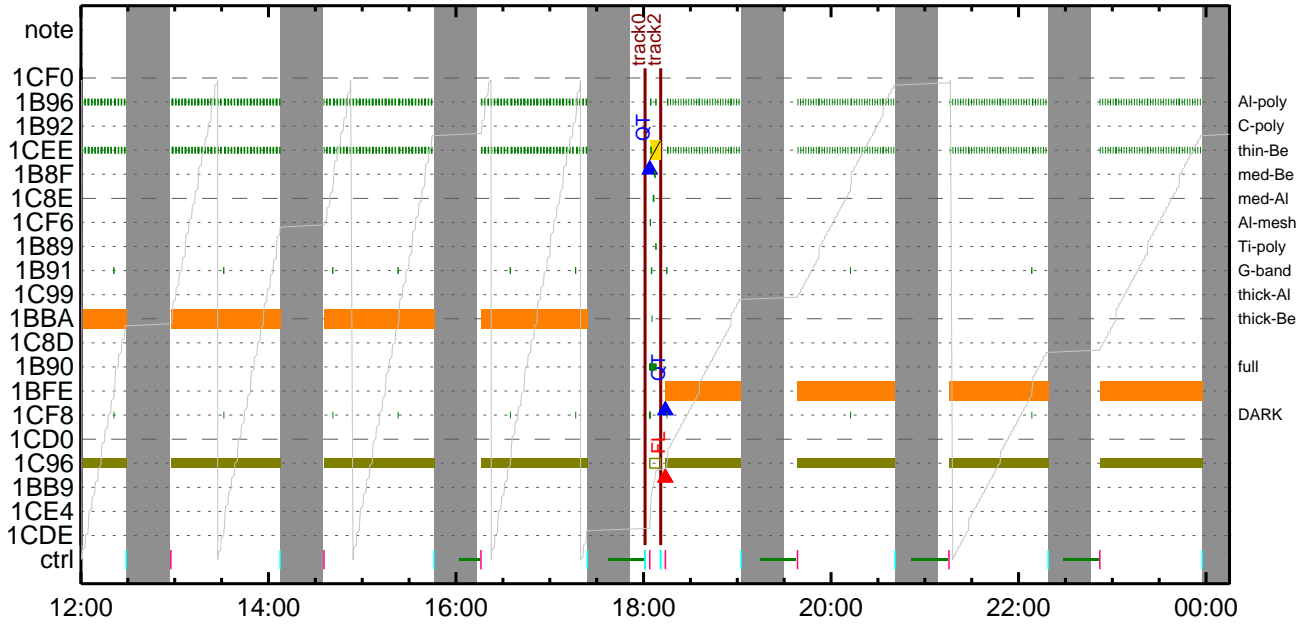
CMDI #0221 2023/07/28



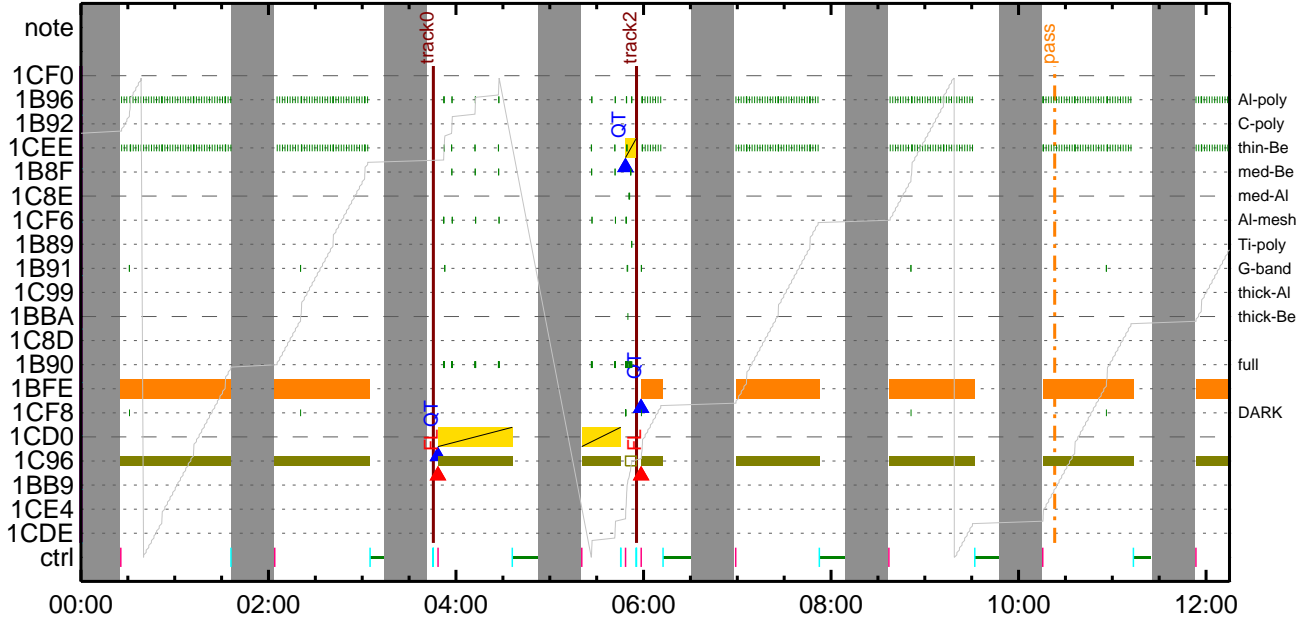
CMDI #0221 2023/07/29



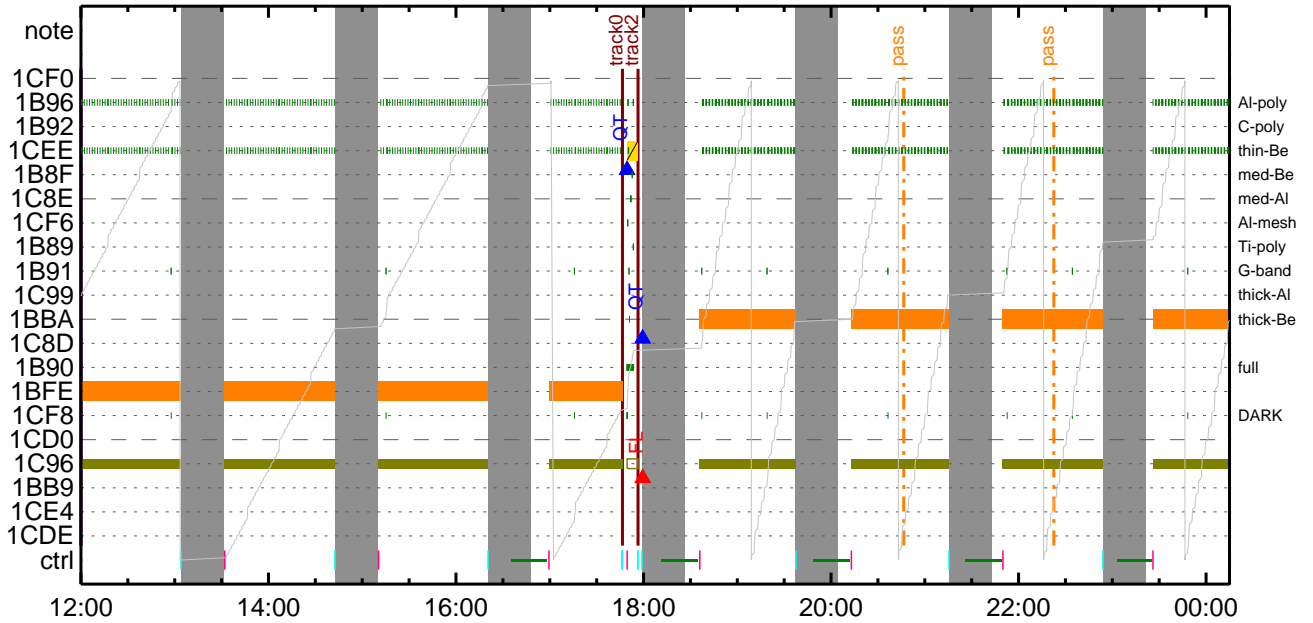
CMDI #0221 2023/07/29



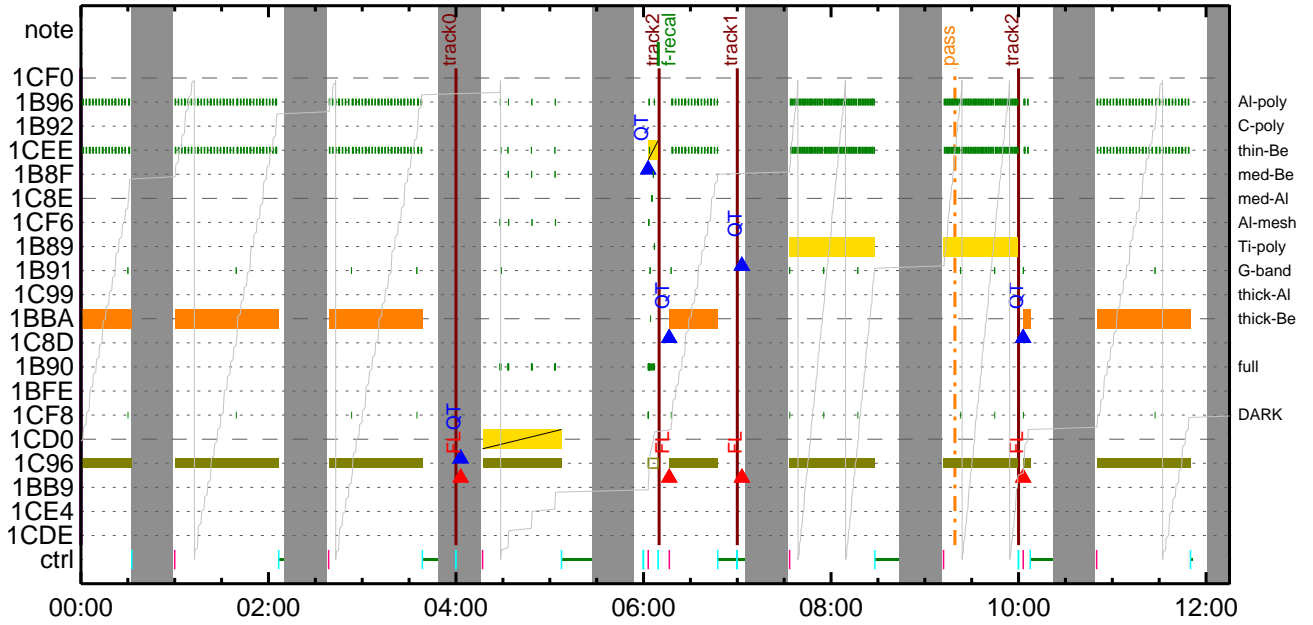
CMDI #0221 2023/07/30



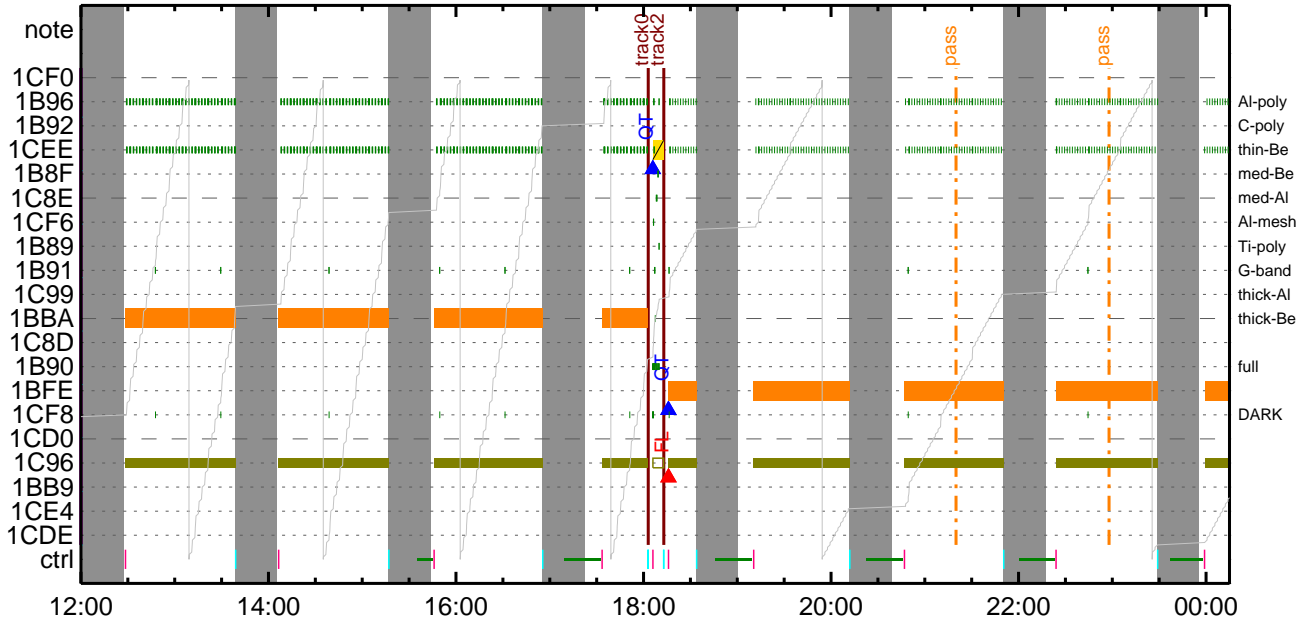
CMDI #0221 2023/07/30



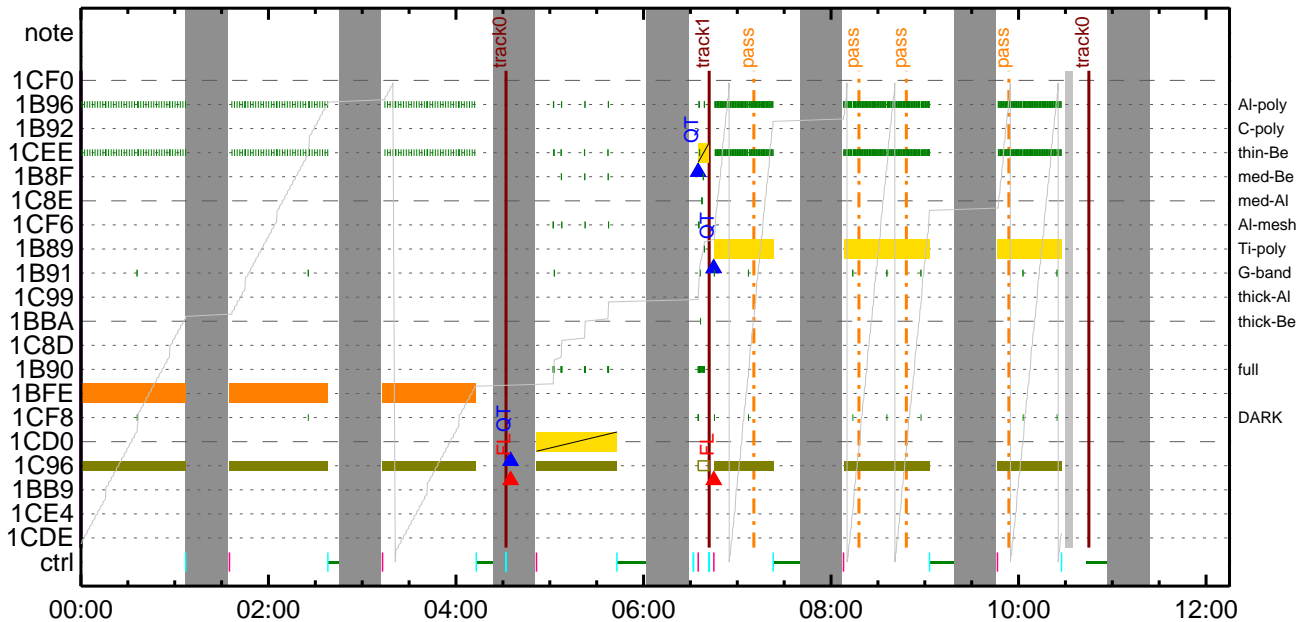
CMDI #0221 2023/07/31



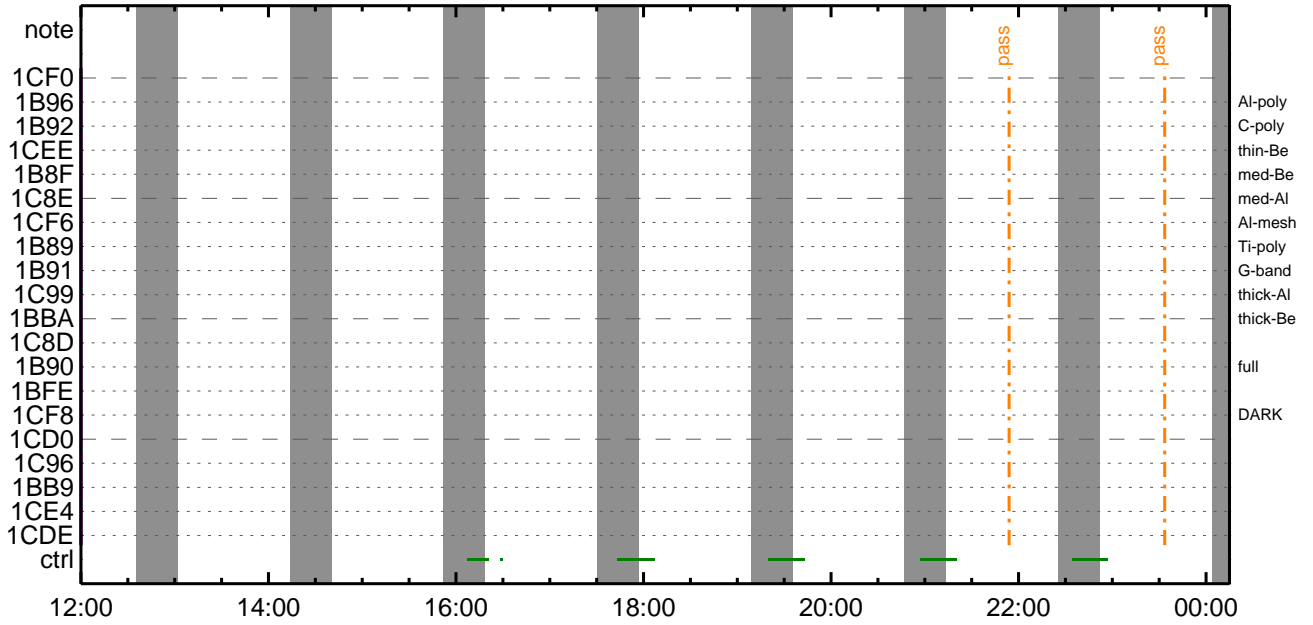
CMDI #0221 2023/07/31



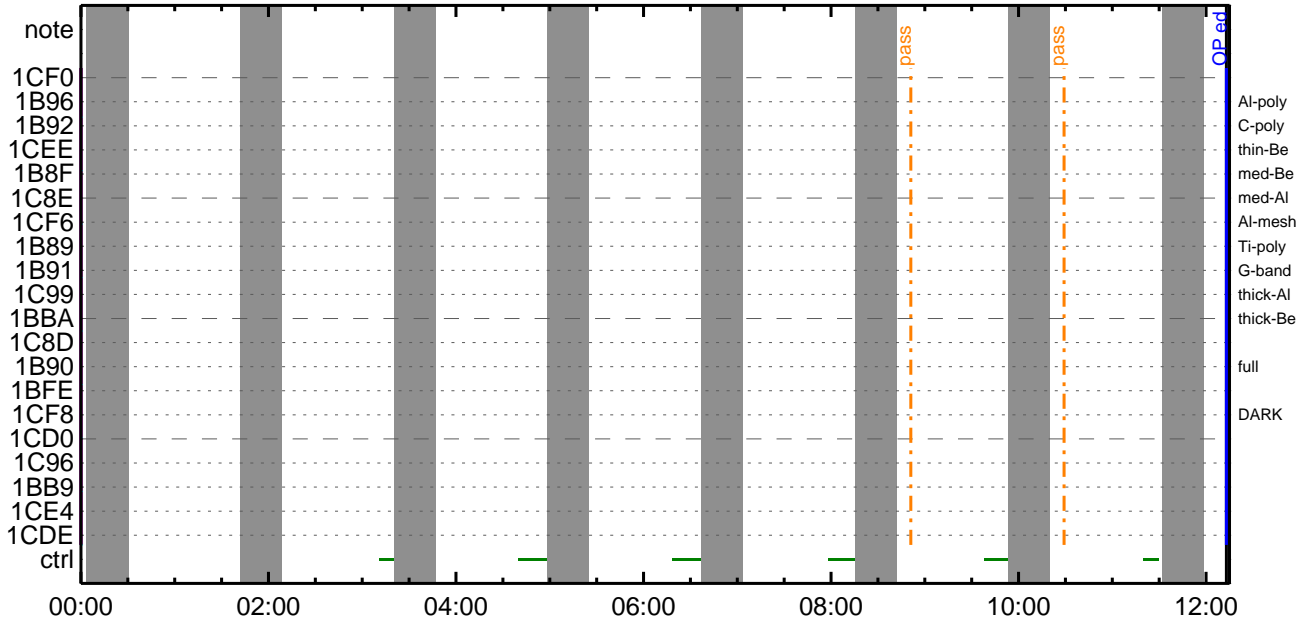
CMDI #0221 2023/08/01



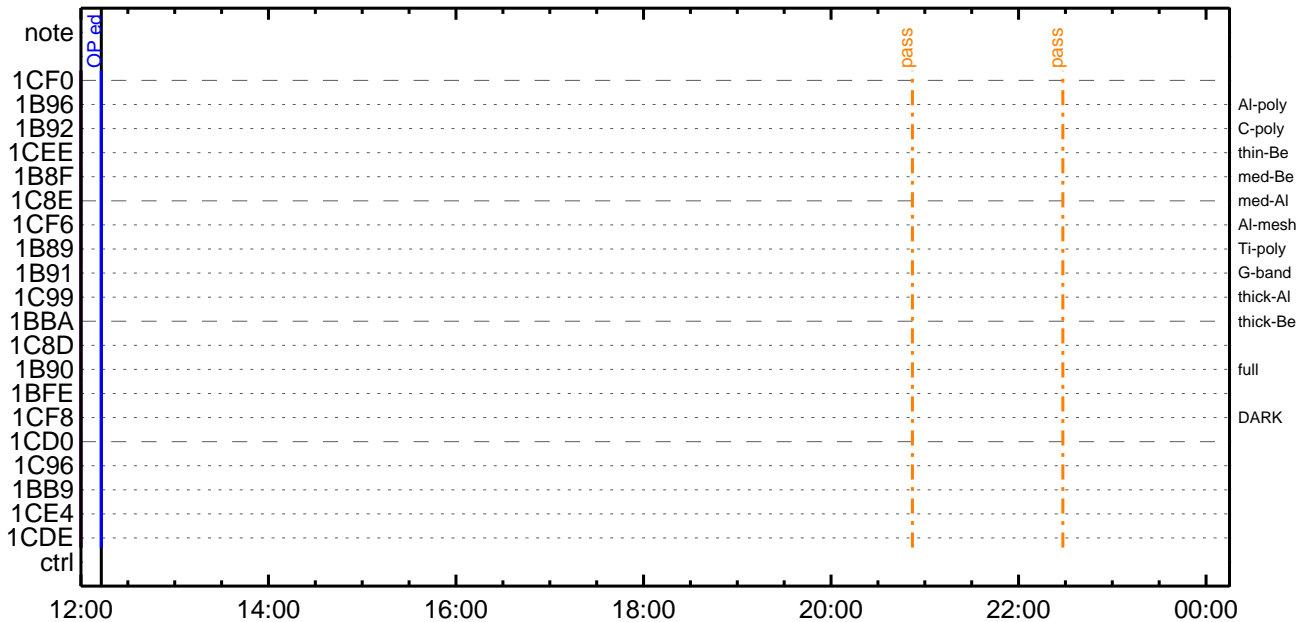
CMDI #0221 2023/08/01



CMDI #0221 2023/08/02



CMDI #0221 2023/08/02



(a) Spacecraft Operation Procedure (real-commands)

```
main-010 2023-07-25 11:39:08 113 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÅY$YÅY-¼Å»Û;ã
0005 C.
0006 C. YÀYB;¼Y³YBYÓYÉÅ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C.  Ái;Èõ¿òÀò·μ°Æ»Í×ÁÇõÍYÇYÅY×YÍ;¼YÉ;ÈÈÈ¼μ·íÍÈ;ÈõÈ¼°ÇÕò·õ¿¼i¹çõÍ;çÀ®, ùò¹òÈõBòçÁ+¿®ò·òÈõõõ³òÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÁ+¿@μ;ON
0016 C. *****
0017 C. ¨ °ÆÀ, í×ÈÝòàLOSòBòçòí»P´òòð¹íí, ò·; çÉÖÍ×òÈXÁÓONòÍ¹òòÈòíòÈõõ³òÈ;f
0018 C.
0019 +. DC 03-B4 TCIA_XPA_ON/HI
0020 M. WAIT_SEC 1
0021 +. DC 03-84 TCIA_XMOD_ON
0022 M. WAIT_SEC 1
0023 +. DC 03-95 TCIA_XMOD_QPSK
0024 C.                çç[HK1_XPA_ON/OFF]                       EQ        ON
0025 C.                çç[HK1_XPA_PWR_HI/LO]                    EQ        HI
0026 C.                çç[HK1_XMOD_ON/OFF]                       EQ        ON
0027 C.                çç[HK1_XMOD_QPSK/PM]                       EQ        QPSK
0028 C.
0029 . C. XYDYÓYÉYÍYÅY-¼õÀÕò-òÀÀÈò·õ¿;ç°È²¼òí°ÆÀ, ¼È½çòð¼Á¹òò¹òÈ;f
0030 C.
0031 . C. *****
0032 C. DR PT1  ÁÍ¼i°ÆÀ,
0033 C. *****
0034 C. ¨ RESTART;ÈPT1;Èò·õ¿ò¼i¹çõÍ;ç°È²¼òí°ÆÀ¹òò»ò;çDCBC-150òØ¿Èõà;f
0035 C.
0036 . C. ;ãPT1°ÆÀ, ³«»Í;ã
0037 +. DC 01-29 DHU_S/X_VC4_OFF
0038 +. DC 06-C8 DR_PT1_REP_SEL
0039 BC              (01 00)
0040 +. DC 06-B3 DR_REP_START
0041 +. DC 01-32 DHU_X_VC4_ON
0042 C.                çç[HK1_REP_PT_1/2]                       EQ        PT1      (¼Á¹Ò, ;¼Ú)
0043 C.                çç[HK1_REP_STA/STP]                       EQ        START    (¼Á¹Ò, ;¼Ú)
0044 C.                çç[HK1_X_VC4_ON/OFF]                       EQ        ON        (¼Á¹Ò, ;¼Ú)
0045 C.
0046 . C. ;ãYçYóYÆYÈÀÜÁØ;ÈÁ·Á°²óÈð;È, áòí°ÆÀ, °Æ³«;ã
0047 +. DC 06-B3 DR_REP_START
0048 +. DC 01-32 DHU_X_VC4_ON
0049 C.                çç[HK1_REP_PT_1/2]                       EQ        PT1      (¼Á¹Ò, ;¼Ú)
0050 C.                çç[HK1_REP_STA/STP]                       EQ        START    (¼Á¹Ò, ;¼Ú)
0051 C.                çç[HK1_X_VC4_ON/OFF]                       EQ        ON        (¼Á¹Ò, ;¼Ú)
0052 C.
0053 C.
0054 . C. PT1°ÆÀ, ò-¼«Æ°Áà»Bò·õ¿, á;ç°È²¼òð¼Á¹òò¹òÈ;f
0055 C. YçYóYÆYÈÀÜÁØòàÁ·Á°²óÈðò-¼áò¼i¹çõÍ´°í»ò¹òÈõòçÁÒòÁ;f
0056 C.
0057 . C. *****
0058 C. DR PT2  ÁÍ¼i°ÆÀ,
0059 C. *****
0060 C. ¨ RESTART;ÈPT2;Èò·õ¿ò¼i¹çõÍ;ç°È²¼òí°ÆÀ¹òò»ò;çDCBC-151òØ¿Èõà;f
0061 C.
0062 . C. ;ãPT2°ÆÀ, ³«»Í;ã
0063 +. DC 01-29 DHU_S/X_VC4_OFF
0064 +. DC 06-C8 DR_PT2_REP_SEL
0065 BC              (02 00)
0066 +. DC 06-B3 DR_REP_START
0067 +. DC 01-32 DHU_X_VC4_ON
0068 C.                çç[HK1_REP_PT_1/2]                       EQ        PT2      (¼Á¹Ò, ;¼Ú)
0069 C.                çç[HK1_REP_STA/STP]                       EQ        START    (¼Á¹Ò, ;¼Ú)
0070 C.                çç[HK1_X_VC4_ON/OFF]                       EQ        ON        (¼Á¹Ò, ;¼Ú)
0071 C.
0072 . C. ;ãYçYóYÆYÈÀÜÁØ;ÈÁ·Á°²óÈð;È, áòí°ÆÀ, °Æ³«;ã
0073 +. DC 06-B3 DR_REP_START
0074 +. DC 01-32 DHU_X_VC4_ON
0075 C.                çç[HK1_REP_PT_1/2]                       EQ        PT2      (¼Á¹Ò, ;¼Ú)
0076 C.                çç[HK1_REP_STA/STP]                       EQ        START    (¼Á¹Ò, ;¼Ú)
0077 C.                çç[HK1_X_VC4_ON/OFF]                       EQ        ON        (¼Á¹Ò, ;¼Ú)
0078 C.
0079 . C. *****
0080 C. DR°ÆÀ,  Áà»B;çXÁ+¿@μ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°ÆÀ,  Áà»B;ã
0084 +. DC 06-B4 DR_REP_STOP
0085 +. DC 01-29 DHU_S/X_VC4_OFF
0086 C.                çç[HK1_REP_STA/STP]                       EQ        STOP
0087 C.                çç[HK1_S_VC4_ON/OFF]                       EQ        OFF
0088 C.                çç[HK1_X_VC4_ON/OFF]                       EQ        OFF
0089 C.
0090 . C. ;ãXÁ+¿@μ;OFF;ã
0091 +. DC 03-85 TCIA_XMOD_OFF
0092 M. WAIT_SEC 1
0093 +. DC 03-B5 TCIA_XPA_OFF
0094 C.                çç[HK1_XMOD_ON/OFF]                       EQ        OFF
0095 C.                çç[HK1_XPA_ON/OFF]                         EQ        OFF
```

```
0096 C.
0097 C.
0098 C.
0099 . C. ***** MDP 'ûÃîâî»ò%ÿòËÄðò¹òèDCBC•x²è *****
0100 . C. (%á°îÿÓÿÃÿÈÿËÿËÿáÿçÿèòË½¼ò¼Ä»Ûò¹òè)
0101 . S. DC-BC dcbc-402:DCBC
0102 (MDP_known_event)
0103 C.
0104 C.
0105 . C. ***** 𐄂𐄂!•İ Daily±;İÑòË'Øò¹òèDCBC•x²è *****
0106 . S. DC-BC dcbc-153:DCBC
0107 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0108 C.
0109 C.
0110 . C. ;ãLOSÿÁÿŞÿÃÿ~¼Ä»Û;ã
0111 C.
0112 . C. ***** LOS *****
0113 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```

main-996 2023-07-25 11:39:08 205 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Ä»Û;ä
0005 C.
0006 C. YÀYB;¼Y³YF¥ÖYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èð¿ðÁð•µ°Æ»Í×ÁÇðÍYçYÁY×Yí;¼YÉ;ÈÈèµ•ííÉ;ÈðÈ¼°ÇÓð•ð¿¼ì¹çðÍ;çÀ®, ùð¹ðèððÇÁ+¿®ð•ðÈððð³ðÈ;f
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;ä
0019 . S. OP op-996:OP
0020 ( )
0021 . S. OG og-996:OG
0022 ( )
0023 C.
0024 . C. ;ãNMOG&OPÍ°èYÁYÖY×;ä
0025 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0026 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0027 BC (20 00 7f 01 02)
0028 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0029 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0030 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0031 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0032 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0033 +. DC 01-22 DHU_MODE_CHNG
0034 BC (07 0b f8)
0035 C. çç[HK1_PKT_FORM_NO] EQ 7
0036 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0037 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0038 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0039 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0040 . C. YÀYÖY×½ªî»ðð³îÇ§
0041 C. çç[HK1_DMP_CHK_FLG] EQ NON
0042 . C. RAM ID=NMOGðí¼È¹ç•è²îOKðð³îÇ§
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×½ªî»ðð³îÇ§
0060 C. çç[HK1_DMP_CHK_FLG] EQ NON
0061 . C. RAM ID=NMOGðí¼È¹ç•è²îOKðð³îÇ§
0062 C.
0063 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0064 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0065 BC (21 00 41 01 02)
0066 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0067 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0068 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0069 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0070 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0071 +. DC 01-22 DHU_MODE_CHNG
0072 BC (07 0b f8)
0073 C. çç[HK1_PKT_FORM_NO] EQ 7
0074 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0075 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0076 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0077 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0078 . C. YÀYÖY×½ªî»ðð³îÇ§
0079 C. çç[HK1_DMP_CHK_FLG] EQ NON
0080 . C. RAM ID=NMOG, RAM ID=OPðí¼È¹ç•è²îOKðð³îÇ§
0081 C.
0082 . C. ***** òÈ²¼ðí¼Ä´¶¼°ðÈÈ-ð°Á+¿® (¼åµ-YÁYÖY×¼è¼çððÁÓÃæç¼ª°ð-ðè¼ì¹çðçðâ) *****
0083 C. DHUYâ;¼YÉ;È¼Y¼;Yí;¼YÉ;ÈððÍáð¹
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 UPLOADð-Á+¿®NGðí¼ì¹ç;ç°È²¼ðí¼TI-CMDÁ+¿®ðí¼Á¹Ôð•ðÈððð³ðÈ;f

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0096 C.                0x03AB00-0x03AEFF;§ 1024byte)
0097 C.
0098 . C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0099 +. TI 2023-07-25 11:34:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.                0x03AB00-0x03AEFF;§ 1024byte)
0102 C.
0103 +. TI 2023-07-25 11:34:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.                0x03AB00-0x03AEFF;§ 1024byte)
0106 C.
0107 +. TI 2023-07-25 11:34:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.                0x03AB00-0x03AEFF;§ 1024byte)
0110 C.
0111 +. TI 2023-07-25 11:38:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.                0x03AB00-0x03AEFF;§ 1024byte)
0114 C.
0115 C.                0x03AB00-0x03AEFF;§ 1024byte)
0116 C.                0x03AB00-0x03AEFF;§ 1024byte)
0117 C.                0x03AB00-0x03AEFF;§ 1024byte)
0118 C.                0x03AB00-0x03AEFF;§ 1024byte)
0119 C.                0x03AB00-0x03AEFF;§ 1024byte)
0120 C.
0121 . C. *****
0122 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
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.                0x03AB00-0x03AEFF;§ 1024byte)
0129 C.                0x03AB00-0x03AEFF;§ 1024byte)
0130 C.                0x03AB00-0x03AEFF;§ 1024byte)
0131 C.                0x03AB00-0x03AEFF;§ 1024byte)
0132 C.                0x03AB00-0x03AEFF;§ 1024byte)
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC (07 0b f8)
0135 C.                0x03AB00-0x03AEFF;§ 1024byte)
0136 C.                0x03AB00-0x03AEFF;§ 1024byte)
0137 C.                0x03AB00-0x03AEFF;§ 1024byte)
0138 C.                0x03AB00-0x03AEFF;§ 1024byte)
0139 C.                0x03AB00-0x03AEFF;§ 1024byte)
0140 C.
0141 . C. *****
0142 C.                0x03AB00-0x03AEFF;§ 1024byte)
0143 C.
0144 . C. RAM ID=TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0145 C.
0146 . C. DHU_MODE_CHNG
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC (02 0a f8)
0149 C.                0x03AB00-0x03AEFF;§ 1024byte)
0150 C.                0x03AB00-0x03AEFF;§ 1024byte)
0151 C.                0x03AB00-0x03AEFF;§ 1024byte)
0152 C.                0x03AB00-0x03AEFF;§ 1024byte)
0153 C.
0154 C. *****
0155 C. SOT TI command set
0156 C. *****
0157 C. Execute, after the success of OP upload.
0158 +. TI 2023-07-25 11:38:16.0
0159 DC 07-F0 MDP_SOT_MODE_STBY
0160 BC (41)
0161 . C. -----
0162 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0163 C. -----
0164 C. ***** SOT END *****
0165 . C. Stop EIS observation and temporarily disable EIS mode changes
0166 C.
0167 C.
0168 C. ***** Start EIS operation (TI set) *****
0169 C. Execute, after the success of OP upload.
0170 C. Set EIS TI-commands
0171 +. TI 2023-07-25 11:38:30.0
0172 DC 07-FC EIS_MODE_MANU
0173 BC (21 02)
0174 +. TI 2023-07-25 11:38:40.0
0175 DC 07-FC EIS_MODE_CHG_DIS
0176 BC (22)
0177 . C. [ ] [HK1_TI_CMD_NUM] EQ 2 COUNTUP
0178 C. ***** End EIS operation (TI set) *****
0179 C.
0180 C.
0181 C.
0182 C. ***** XRT START *****
0183 C. Execute, after the success of OP upload.
0184 +. TI 2023-07-25 11:38:00.0
0185 DC 07-F0 MDP_XRT_MODE_STBY
0186 BC (c3)
0187 . C. [ ] [HK1_TI_CMD_NUM] EQ 1COUNTUP
0188 C.
0189 C. ***** XRT END *****
0190 C.
0191 . C. ***** MDP dcbc-402:DCBC *****
0192 C. (dcbc-402:DCBC)
0193 . S. DC-BC dcbc-402:DCBC

```

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



```
0096 + DC 07-F0 MDP_XRT_ARS_DIS
0097 BC (d5)
0098 + DC 07-F0 MDP_XRT_AEC_RESET
0099 BC (d0)
0100 + DC 07-F0 MDP_XRT_FLD_RESET
0101 BC (da)
0102 + DC 07-F0 MDP_XRT_QT_PROG_SET
0103 BC (c4 0a)
0104 + DC 07-F0 MDP_XRT_FL_PROG_SET
0105 BC (c5 04)
0106 . C. ----- Success Verify ? OK / NG ____
0107 C.
0108 C.
0109 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0110 C.
0111 + DC 07-F0 MDP_XRT_MODE_OBSV
0112 BC (c2)
0113 + TI 2023-07-25 11:38:02.0
0114 DC 07-F0 MDP_XRT_MODE_OBSV
0115 BC (c2)
0116 . C. ----- Success Verify ? OK / NG ____
0117 C.
0118 C. ***** XRT END *****
0119 C.
0120 . C. ***** MDP `úÃîñî»ò%ŸñÊÃðñ¹ñèDCBC•x²è *****
0121 C. (%á°îŸÓŸÃŸÈŸŸŸËŸáŸçŸèñÊ½ññ¼Ã»Ûñ¹ñè)
0122 . S. DC-BC dcbc-402:DCBC
0123 (MDP_known_event)
0124 C.
0125 C.
0126 . C. ***** ŸDŸ¹•Ï Daily±¿îññÊ´Øñ¹ñèDCBC•x²è *****
0127 . S. DC-BC dcbc-153:DCBC
0128 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0129 C.
0130 C.
0131 . C. ¡ãLOSŸÁŸŸŸÃŸ-¼Ã»Ûñ¹ñè
0132 C.
0133 . C. ***** LOS *****
0134 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-999 2023-07-25 11:39:08 29 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ä
0005 C.
0006 C. YÀYB;¼Y³YFYOYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¿µ°Æ»Í×ÁÇσÍYçYÁY×Yí;¼YÉ;ÈÈèµ•ííÉ;ÈÈÈ¼°ÇÔσ•¿¿¼¿i¹çσÍ;çÀ®, ùσ¹σèσβσçÁ+¿®σ•σÈσσσ³σÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 . C. ***** MDP ´úÁíσí»ò¼YσÈÁðσ¹σèDCBC•x²è *****
0016 C. (¼á°íYÓYÁYÈYβYÈYáYçYèσÈ¼σ¼Á»Ûσ¹σè)
0017 . S. DC-BC dcbc-402:DCBC
0018 (MDP_known_event)
0019 C.
0020 C.
0021 . C. ***** YDY¹•Í Daily+¿íÑσÈ´Øσ¹σèDCBC•x²è *****
0022 . S. DC-BC dcbc-153:DCBC
0023 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0024 C.
0025 C.
0026 . C. ;ãLOSÁY$YÁY-¼Á»Û;ä
0027 C.
0028 . C. ***** LOS *****
0029 C.
```

*** OP Sequence for XRT ***

2023/07/25	11:48:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/25	11:48:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/25	11:48:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/25	11:48:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/25	11:48:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/25	11:48:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2023/07/25	11:49:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	03 06 66 01 58				
2023/07/25	11:49:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2023/07/25	11:49:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2023/07/25	11:49:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2023/07/25	11:49:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/07/25	11:49:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/25	11:51:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/25	11:51:56.0	XRT_QT_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2023/07/25	11:51:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2023/07/25	12:16:00.0	XRT_Custom_430_OG [0x1ae]							
2023/07/25	12:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/25	13:26:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/25	13:26:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/25	13:26:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/25	13:29:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/25	13:54:30.0	XRT_Custom_430_OG [0x1ae]							
2023/07/25	13:55:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/25	15:04:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/25	15:04:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/25	15:04:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/25	15:07:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/25	15:32:30.0	XRT_Custom_430_OG [0x1ae]							
2023/07/25	15:33:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/25	16:43:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/25	16:43:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/25	16:43:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/25	16:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/25	17:21:00.0	XRT_Custom_430_OG [0x1ae]							
2023/07/25	17:22:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/25	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/25	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/25	17:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2023/07/25	18:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2023/07/25	18:00:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2023/07/25	18:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2023/07/25	18:00:22.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/07/25	18:02:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2023/07/25	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/25	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/25	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/25	18:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2023/07/25	18:10:00.0	AOCS_Ore-point_Start_1_OG [0x097]							

2023/07/25	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	03	06	66	01	58
		MDP_XRT_FLD_ENA		1	07-F0	d8				
2023/07/25	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		1	07-F0	c8				
		MDP_XRT_FLRCTRL_ENA		1	07-F0	c8				
2023/07/25	18:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]		1	07-F0	d0				
		MDP_XRT_AEC_RESET		1	07-F0	d0				
2023/07/25	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]		1	07-F0	d5				
		MDP_XRT_ARS_DIS		1	07-F0	d5				
2023/07/25	18:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2023/07/25	18:12:56.0	XRT_QT_PROG_SET_440_OG [0x1b8]		2	07-F0	c4	0a			
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	0a			
2023/07/25	18:12:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]		2	07-F0	c5	04			
		MDP_XRT_FL_PROG_SET		2	07-F0	c5	04			
2023/07/25	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2023/07/25	18:21:30.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2023/07/25	18:21:32.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2023/07/25	18:21:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2023/07/25	18:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2023/07/25	18:58:00.0	XRT_Custom_430_OG [0x1ae]								
2023/07/25	18:59:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2023/07/25	19:59:30.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2023/07/25	19:59:32.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2023/07/25	19:59:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2023/07/25	20:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2023/07/25	20:34:30.0	XRT_Custom_430_OG [0x1ae]								
2023/07/25	20:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2023/07/25	21:38:00.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2023/07/25	21:38:02.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2023/07/25	21:38:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2023/07/25	21:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2023/07/25	22:11:30.0	XRT_Custom_430_OG [0x1ae]								
2023/07/25	22:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2023/07/25	23:16:30.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2023/07/25	23:16:32.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2023/07/25	23:16:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2023/07/25	23:19:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2023/07/25	23:47:00.0	XRT_Custom_430_OG [0x1ae]								
2023/07/25	23:48:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2023/07/26	00:54:30.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2023/07/26	00:54:32.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2023/07/26	00:54:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2023/07/26	00:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2023/07/26	01:22:30.0	XRT_Custom_430_OG [0x1ae]								
2023/07/26	01:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2023/07/26	02:27:00.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2023/07/26	02:27:02.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2023/07/26	02:27:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2023/07/26	02:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2023/07/26	03:01:00.0	XRT_Custom_430_OG [0x1ae]								
2023/07/26	03:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2023/07/26	04:01:30.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2023/07/26	04:01:32.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2023/07/26	04:01:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2023/07/26	04:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2023/07/26	04:20:54.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				

2023/07/26	04:20:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/26	04:20:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2023/07/26	04:21:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2023/07/26	04:21:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2023/07/26	04:21:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2023/07/26	04:21:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2023/07/26	04:21:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/07/26	04:21:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/26	04:23:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05	
2023/07/26	04:23:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2023/07/26	04:39:00.0	XRT_Custom_430_OG [0x1ae]					
2023/07/26	04:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/26	05:31:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/26	05:31:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/26	05:31:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/26	05:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/26	06:21:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/26	06:21:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/26	06:21:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2023/07/26	06:21:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2023/07/26	06:21:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2023/07/26	06:21:52.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/07/26	06:24:28.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11	
2023/07/26	06:24:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/26	06:31:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/26	06:31:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/26	06:31:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2023/07/26	06:31:30.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	03 06 66 01 58	
2023/07/26	06:31:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2023/07/26	06:31:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2023/07/26	06:31:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2023/07/26	06:31:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/07/26	06:31:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/26	06:34:26.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a	
2023/07/26	06:34:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2023/07/26	06:34:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/26	07:11:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/26	07:11:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/26	07:11:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/26	07:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/26	07:55:30.0	XRT_Custom_430_OG [0x1ae]					
2023/07/26	07:56:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/26	08:51:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/26	08:51:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/26	08:51:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/26	08:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/26	09:34:00.0	XRT_Custom_430_OG [0x1ae]					
2023/07/26	09:35:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	

2023/07/26	10:31:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/26	10:31:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/26	10:31:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/26	10:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/26	11:12:30.0	XRT_Custom_430_OG [0x1ae]							
2023/07/26	11:13:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/26	12:23:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/26	12:23:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/26	12:23:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/26	12:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/26	12:50:30.0	XRT_Custom_430_OG [0x1ae]							
2023/07/26	12:51:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/26	14:01:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/26	14:01:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/26	14:01:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/26	14:04:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/26	14:29:00.0	XRT_Custom_430_OG [0x1ae]							
2023/07/26	14:30:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/26	15:39:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/26	15:39:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/26	15:39:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/26	15:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/26	16:09:00.0	XRT_Custom_430_OG [0x1ae]							
2023/07/26	16:10:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/26	17:18:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/26	17:18:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/26	17:18:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/26	17:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/26	17:55:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/26	17:55:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/26	17:55:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2023/07/26	17:56:00.0	AOCS_OrE-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2023/07/26	17:56:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2023/07/26	17:56:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2023/07/26	17:56:22.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/07/26	17:58:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2023/07/26	17:59:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/26	18:05:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/26	18:05:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/26	18:05:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2023/07/26	18:06:00.0	AOCS_OrE-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	03 06 66 01 58				
2023/07/26	18:06:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2023/07/26	18:06:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2023/07/26	18:06:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2023/07/26	18:06:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/07/26	18:06:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/26	18:08:56.0	XRT_QT_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2023/07/26	18:08:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2023/07/26	18:09:00.0	XRT_CTRL_AUTO_408_OG [0x198]							

2023/07/26	18:56:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/07/26	18:56:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/07/26	18:56:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/07/26	18:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/07/26	19:32:00.0	XRT_Custom_430_OG [0x1ae]				
2023/07/26	19:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/07/26	20:34:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/07/26	20:34:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/07/26	20:34:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/07/26	20:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/07/26	21:09:00.0	XRT_Custom_430_OG [0x1ae]				
2023/07/26	21:10:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/07/26	22:13:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/07/26	22:13:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/07/26	22:13:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/07/26	22:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/07/26	22:45:30.0	XRT_Custom_430_OG [0x1ae]				
2023/07/26	22:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/07/26	23:51:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/07/26	23:51:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/07/26	23:51:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/07/26	23:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/07/27	00:19:30.0	XRT_Custom_430_OG [0x1ae]				
2023/07/27	00:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/07/27	01:29:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/07/27	01:29:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/07/27	01:29:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/07/27	01:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/07/27	01:57:00.0	XRT_Custom_430_OG [0x1ae]				
2023/07/27	01:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/07/27	02:59:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/07/27	02:59:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/07/27	02:59:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/07/27	03:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/07/27	03:39:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/07/27	03:39:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/07/27	03:39:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2023/07/27	03:40:00.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00
2023/07/27	03:40:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2023/07/27	03:40:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2023/07/27	03:40:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2023/07/27	03:40:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2023/07/27	03:40:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/07/27	03:42:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2023/07/27	03:42:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2023/07/27	03:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/07/27	04:32:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/07/27	04:32:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/07/27	04:32:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]				

2023/07/27	04:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/27	05:14:00.0	XRT_Custom_430_OG [0x1ae]					
2023/07/27	05:15:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/27	05:39:54.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/27	05:39:56.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/27	05:39:58.0	XRT_FOCUS_POSITION_406_OG [0x196]					
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2023/07/27	05:40:18.0	XRT_FLD_DIS_409_OG [0x199]					
			MDP_XRT_FLD_DIS	1	07-F0	d9	
2023/07/27	05:40:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]					
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2023/07/27	05:40:22.0	XRT_ARS_DIS_435_OG [0x1b3]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/07/27	05:42:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]					
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 11	
2023/07/27	05:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/27	05:49:54.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/27	05:49:56.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/27	05:49:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2023/07/27	05:50:00.0	AOCS_ORe-point_Start_3_OG [0x099]					
			AOCU_NM	5	02-76	02 06 66 01 58	
2023/07/27	05:50:18.0	XRT_FLD_ENA_411_OG [0x19b]					
			MDP_XRT_FLD_ENA	1	07-F0	d8	
2023/07/27	05:50:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2023/07/27	05:50:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
			MDP_XRT_AEC_RESET	1	07-F0	d0	
2023/07/27	05:50:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/07/27	05:50:26.0	XRT_FLD_RESET_434_OG [0x1b2]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/27	05:52:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]					
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 07	
2023/07/27	05:52:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]					
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2023/07/27	05:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/27	06:06:30.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/27	06:06:32.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/27	06:06:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/27	06:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/27	06:52:00.0	XRT_Custom_430_OG [0x1ae]					
2023/07/27	06:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/27	07:46:30.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/27	07:46:32.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/27	07:46:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/27	07:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/27	08:30:30.0	XRT_Custom_430_OG [0x1ae]					
2023/07/27	08:31:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/27	09:26:30.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/27	09:26:32.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/27	09:26:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/27	09:29:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/27	10:08:30.0	XRT_Custom_430_OG [0x1ae]					
2023/07/27	10:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/27	11:07:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/27	11:07:02.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/27	11:07:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/27	11:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/27	11:47:00.0	XRT_Custom_430_OG [0x1ae]					
2023/07/27	11:48:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/27	12:58:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/27	12:58:02.0	XRT_FLD_RESET_415_OG [0x19f]					

2023/07/27	12:58:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/27	13:01:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/27	13:25:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/27	13:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/27	14:36:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/27	14:36:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/27	14:36:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/27	14:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/27	15:03:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/27	15:04:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/27	16:14:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/27	16:14:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/27	16:14:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/27	16:17:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/27	16:53:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/27	16:54:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/27	17:39:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/27	17:39:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/27	17:39:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2023/07/27	17:39:30.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2023/07/27	17:39:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2023/07/27	17:39:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2023/07/27	17:39:52.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/07/27	17:42:28.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11	
2023/07/27	17:42:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/27	17:49:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/27	17:49:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/27	17:49:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2023/07/27	17:49:30.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	02 06 66 01 58	
2023/07/27	17:49:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2023/07/27	17:49:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2023/07/27	17:49:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2023/07/27	17:49:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/07/27	17:49:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/27	17:52:26.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a	
2023/07/27	17:52:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2023/07/27	17:52:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/27	17:52:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/27	17:52:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/27	17:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/27	18:29:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/27	18:30:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/27	19:31:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/27	19:31:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/27	19:31:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/27	19:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/27	20:06:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/27	20:07:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/27	21:09:30.0	XRT_CTRL_MANU_400_OG [0x190]					

2023/07/27	21:09:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/27	21:09:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/27	21:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/27	21:43:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/27	21:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/27	22:47:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/27	22:47:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/27	22:47:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/27	22:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/27	23:19:01.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/27	23:20:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/28	00:26:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/28	00:26:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/28	00:26:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/28	00:29:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/28	00:53:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/28	00:54:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/28	02:01:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/28	02:01:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/28	02:01:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/28	02:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/28	02:32:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/28	02:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/28	03:33:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/28	03:33:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/28	03:33:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/28	03:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/28	03:58:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/28	03:58:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/28	03:58:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2023/07/28	03:59:00.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2023/07/28	03:59:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2023/07/28	03:59:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2023/07/28	03:59:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2023/07/28	03:59:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/07/28	03:59:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/28	04:01:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05	
2023/07/28	04:01:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2023/07/28	04:10:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/28	04:11:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/28	05:01:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/28	05:01:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/28	05:01:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/28	05:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/28	05:58:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/28	05:58:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/28	05:58:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2023/07/28	05:59:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2023/07/28	05:59:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]					

2023/07/28	05:59:22.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2023/07/28	06:01:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_ARS_DIS	1	07-F0	d5
2023/07/28	06:02:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11
2023/07/28	06:08:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/07/28	06:08:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/07/28	06:08:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/07/28	06:09:00.0	AOCs_OrE-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2023/07/28	06:09:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	02 06 66 01 58
2023/07/28	06:09:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2023/07/28	06:09:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2023/07/28	06:09:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2023/07/28	06:09:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2023/07/28	06:11:56.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/07/28	06:11:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2023/07/28	06:12:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2023/07/28	06:41:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/07/28	06:41:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/07/28	06:41:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/07/28	06:44:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/07/28	07:27:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/07/28	07:28:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2023/07/28	08:22:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2023/07/28	08:22:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/07/28	08:22:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/07/28	08:25:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/07/28	09:05:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/07/28	09:06:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/07/28	10:01:30.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2023/07/28	10:01:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/07/28	10:01:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/07/28	10:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/07/28	10:43:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/07/28	10:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/07/28	11:44:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_Custom_430_OG [0x1ae]			
2023/07/28	11:44:02.0	XRT_FLD_RESET_415_OG [0x19f]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2023/07/28	11:44:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/07/28	11:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/07/28	12:21:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/07/28	12:22:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/07/28	13:32:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/07/28	13:32:32.0	XRT_FLD_RESET_415_OG [0x19f]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2023/07/28	13:32:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/07/28	13:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/07/28	14:00:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/07/28	14:01:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/07/28	15:11:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/07/28	15:11:02.0	XRT_FLD_RESET_415_OG [0x19f]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2023/07/28	15:11:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/07/28	15:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/07/28	15:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/07/28	15:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8

Jul 25, 23 11:39

XRT_OGLIST_0221.chk

Page 10/21

2023/07/28	15:39:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/28	15:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/28	16:49:30.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/28	16:49:32.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/28	16:49:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/28	16:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/28	17:27:00.0	XRT_Custom_430_OG [0x1ae]					
2023/07/28	17:28:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/28	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/28	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/28	17:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]					
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2023/07/28	18:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]					
			AOCU_NM	5	02-76	00 00 00 00 00	
2023/07/28	18:00:18.0	XRT_FLD_DIS_409_OG [0x199]					
			MDP_XRT_FLD_DIS	1	07-F0	d9	
2023/07/28	18:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]					
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2023/07/28	18:00:22.0	XRT_ARS_DIS_435_OG [0x1b3]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/07/28	18:02:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]					
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 11	
2023/07/28	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/28	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/28	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/28	18:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2023/07/28	18:10:00.0	AOCS_ORe-point_Start_3_OG [0x099]					
			AOCU_NM	5	02-76	02 06 66 01 58	
2023/07/28	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]					
			MDP_XRT_FLD_ENA	1	07-F0	d8	
2023/07/28	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2023/07/28	18:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
			MDP_XRT_AEC_RESET	1	07-F0	d0	
2023/07/28	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/07/28	18:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/28	18:12:56.0	XRT_QT_PROG_SET_440_OG [0x1b8]					
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a	
2023/07/28	18:12:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]					
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2023/07/28	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/28	18:27:30.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/28	18:27:32.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/28	18:27:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/28	18:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/28	19:03:30.0	XRT_Custom_430_OG [0x1ae]					
2023/07/28	19:04:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/28	19:49:54.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/28	19:49:56.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/28	19:49:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2023/07/28	19:50:00.0	AOCS_ORe-point_Start_4_OG [0x09a]					
			AOCU_NM	5	02-76	00 ad 59 00 00	
2023/07/28	19:50:18.0	XRT_FLD_DIS_426_OG [0x1aa]					
			MDP_XRT_FLD_DIS	1	07-F0	d9	
2023/07/28	20:04:54.0	XRT_FLRCTRL_DIS_413_OG [0x19d]					
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2023/07/28	20:04:56.0	XRT_ARS_DIS_427_OG [0x1ab]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/07/28	20:04:58.0	XRT_QT_PROG_SET_429_OG [0x1ad]					
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 09	
2023/07/28	20:05:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/28	21:49:54.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/28	21:49:56.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/28	21:49:58.0	XRT_FOCUS_POSITION_433_OG [0x1b1]					
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2023/07/28	21:50:00.0	AOCS_ORe-point_Start_5_OG [0x09b]					

Jul 25, 23 11:39

XRT_OGLIST_0221.chk

Page 11/21

2023/07/28	21:50:18.0	XRT_FLD_DIS_426_OG [0x1aa]	AOCU_NM	5	02-76	00	00	00	56	35
		MDP_XRT_FLD_DIS		1	07-F0	d9				
2023/07/28	22:04:54.0	XRT_ARS_DIS_427_OG [0x1ab]		1	07-F0	d5				
		MDP_XRT_ARS_DIS		1	07-F0	d5				
2023/07/28	22:04:56.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]		1	07-F0	c9				
		MDP_XRT_FLRCTRL_DIS		1	07-F0	c9				
2023/07/28	22:04:58.0	XRT_QT_PROG_SET_446_OG [0x1be]		2	07-F0	c4	0f			
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	0f			
2023/07/28	22:05:00.0	XRT_CTRL_AUTO_408_OG [0x198]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2023/07/28	23:49:54.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2023/07/28	23:49:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]		4	07-F8	22	fe	97	00	
		XRT_FOCUS_POSITION		4	07-F8	22	fe	97	00	
2023/07/28	23:50:00.0	AOCS_OrE-point_Start_6_OG [0x09c]		5	02-76	00	0e	7e	01	58
		AOCU_NM		5	02-76	00	0e	7e	01	58
2023/07/28	23:50:16.0	XRT_FLD_ENA_411_OG [0x19b]		1	07-F0	d8				
		MDP_XRT_FLD_ENA		1	07-F0	d8				
2023/07/28	23:50:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		1	07-F0	c8				
		MDP_XRT_FLRCTRL_ENA		1	07-F0	c8				
2023/07/28	23:50:20.0	XRT_AEC_RESET_448_OG [0x1c0]		1	07-F0	d0				
		MDP_XRT_AEC_RESET		1	07-F0	d0				
2023/07/28	23:50:22.0	XRT_ARS_DIS_423_OG [0x1a7]		1	07-F0	d5				
		MDP_XRT_ARS_DIS		1	07-F0	d5				
2023/07/28	23:50:24.0	XRT_FLD_RESET_444_OG [0x1bc]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2023/07/28	23:52:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]		2	07-F0	c4	01			
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	01			
2023/07/28	23:52:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]		2	07-F0	c5	04			
		MDP_XRT_FL_PROG_SET		2	07-F0	c5	04			
2023/07/28	23:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2023/07/29	01:01:00.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2023/07/29	01:01:02.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2023/07/29	01:01:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2023/07/29	01:04:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2023/07/29	01:28:00.0	XRT_Custom_430_OG [0x1ae]								
2023/07/29	01:29:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2023/07/29	02:32:30.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2023/07/29	02:32:32.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2023/07/29	02:32:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2023/07/29	02:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2023/07/29	02:49:54.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2023/07/29	02:49:56.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2023/07/29	02:49:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]		4	07-F8	22	fe	97	00	
		XRT_FOCUS_POSITION		4	07-F8	22	fe	97	00	
2023/07/29	02:50:00.0	AOCS_OrE-point_Start_3_OG [0x099]		5	02-76	02	06	66	01	58
		AOCU_NM		5	02-76	02	06	66	01	58
2023/07/29	02:50:18.0	XRT_FLD_ENA_411_OG [0x19b]		1	07-F0	d8				
		MDP_XRT_FLD_ENA		1	07-F0	d8				
2023/07/29	02:50:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		1	07-F0	c8				
		MDP_XRT_FLRCTRL_ENA		1	07-F0	c8				
2023/07/29	02:50:22.0	XRT_AEC_RESET_448_OG [0x1c0]		1	07-F0	d0				
		MDP_XRT_AEC_RESET		1	07-F0	d0				
2023/07/29	02:50:24.0	XRT_ARS_DIS_423_OG [0x1a7]		1	07-F0	d5				
		MDP_XRT_ARS_DIS		1	07-F0	d5				
2023/07/29	02:50:26.0	XRT_FLD_RESET_434_OG [0x1b2]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2023/07/29	02:52:56.0	XRT_QT_PROG_SET_440_OG [0x1b8]		2	07-F0	c4	0a			
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	0a			
2023/07/29	02:52:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]		2	07-F0	c5	04			
		MDP_XRT_FL_PROG_SET		2	07-F0	c5	04			
2023/07/29	03:06:30.0	XRT_Custom_430_OG [0x1ae]								
2023/07/29	03:07:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2023/07/29	04:07:00.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2023/07/29	04:07:02.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2023/07/29	04:07:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2023/07/29	04:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2023/07/29	04:26:54.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2023/07/29	04:26:56.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2023/07/29	04:26:58.0	XRT_FOCUS_POSITION_406_OG [0x196]		4	07-F8	22	ff	aa	00	
		XRT_FOCUS_POSITION		4	07-F8	22	ff	aa	00	
2023/07/29	04:27:00.0	AOCS_OrE-point_Start_2_OG [0x098]		5	02-76	00	00	00	00	00
		AOCU_NM		5	02-76	00	00	00	00	00

Jul 25, 23 11:39

XRT_OGLIST_0221.chk

Page 12/21

2023/07/29	04:27:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2023/07/29	04:27:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2023/07/29	04:27:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2023/07/29	04:27:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/07/29	04:27:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/29	04:29:56.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	05			
2023/07/29	04:29:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	04			
2023/07/29	04:45:00.0	XRT_Custom_430_OG [0x1ae]							
2023/07/29	04:46:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/29	05:37:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/29	05:37:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/29	05:37:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/29	05:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/29	06:26:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/29	06:26:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/29	06:26:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2023/07/29	06:27:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2023/07/29	06:27:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2023/07/29	06:27:22.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/07/29	06:29:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	11			
2023/07/29	06:30:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/29	06:36:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/29	06:36:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/29	06:36:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2023/07/29	06:37:00.0	AOCs_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	02	06	66	01	58
2023/07/29	06:37:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2023/07/29	06:37:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2023/07/29	06:37:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2023/07/29	06:37:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/07/29	06:37:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/29	06:39:56.0	XRT_QT_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a			
2023/07/29	06:39:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	04			
2023/07/29	06:40:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/29	07:17:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/29	07:17:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/29	07:17:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/29	07:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/29	08:01:30.0	XRT_Custom_430_OG [0x1ae]							
2023/07/29	08:02:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/29	08:57:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/29	08:57:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/29	08:57:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/29	09:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/29	09:40:00.0	XRT_Custom_430_OG [0x1ae]							
2023/07/29	09:41:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/29	10:37:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/29	10:37:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/29	10:37:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				

2023/07/29	10:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/29	11:18:00.0	XRT_Custom_430_OG [0x1ae]							
2023/07/29	11:19:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/29	12:29:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/29	12:29:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/29	12:29:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/29	12:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/29	12:56:30.0	XRT_Custom_430_OG [0x1ae]							
2023/07/29	12:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/29	14:07:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/29	14:07:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/29	14:07:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/29	14:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/29	14:34:30.0	XRT_Custom_430_OG [0x1ae]							
2023/07/29	14:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/29	15:46:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/29	15:46:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/29	15:46:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/29	15:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/29	16:15:00.0	XRT_Custom_430_OG [0x1ae]							
2023/07/29	16:16:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/29	17:24:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/29	17:24:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/29	17:24:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/29	17:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/29	18:00:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/29	18:00:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/29	18:00:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2023/07/29	18:01:00.0	AOCS_OrE-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2023/07/29	18:01:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2023/07/29	18:01:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2023/07/29	18:01:22.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/07/29	18:03:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2023/07/29	18:04:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/29	18:10:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/29	18:10:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/29	18:10:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2023/07/29	18:11:00.0	AOCS_OrE-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	02 06 66 01 58				
2023/07/29	18:11:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2023/07/29	18:11:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2023/07/29	18:11:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2023/07/29	18:11:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/07/29	18:11:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/29	18:13:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2023/07/29	18:13:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2023/07/29	18:14:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/29	19:02:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/29	19:02:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/29	19:02:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]							

2023/07/29	19:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e8	
2023/07/29	19:37:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/29	19:38:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/29	20:41:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/29	20:41:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/29	20:41:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/29	20:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/29	21:14:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/29	21:15:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/29	22:19:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/29	22:19:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/29	22:19:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/29	22:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/29	22:51:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/29	22:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/29	23:57:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/29	23:57:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/29	23:57:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/30	00:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/30	00:24:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/30	00:25:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/30	01:36:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/30	01:36:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/30	01:36:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/30	01:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/30	02:03:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/30	02:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/30	03:05:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/30	03:05:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/30	03:05:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/30	03:08:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/30	03:45:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/30	03:45:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/30	03:45:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2023/07/30	03:45:30.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2023/07/30	03:45:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2023/07/30	03:45:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2023/07/30	03:45:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2023/07/30	03:45:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/07/30	03:45:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/30	03:48:26.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05	
2023/07/30	03:48:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2023/07/30	03:48:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/30	04:36:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/30	04:36:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/30	04:36:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/30	04:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/30	05:19:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/30	05:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	

Jul 25, 23 11:39

XRT_OGLIST_0221.chk

Page 15/21

2023/07/30	05:45:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/30	05:45:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/30	05:45:28.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2023/07/30	05:45:48.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2023/07/30	05:45:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2023/07/30	05:45:52.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/07/30	05:48:28.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2023/07/30	05:48:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/30	05:55:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/30	05:55:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/30	05:55:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2023/07/30	05:55:30.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	02 06 66 01 58				
2023/07/30	05:55:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2023/07/30	05:55:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2023/07/30	05:55:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2023/07/30	05:55:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/07/30	05:55:56.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/30	05:58:26.0	XRT_QT_PROG_SET_422_OG [0x1a6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2023/07/30	05:58:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2023/07/30	05:58:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/30	06:12:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/30	06:12:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/30	06:12:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/30	06:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/30	06:58:00.0	XRT_Custom_430_OG [0x1ae]							
2023/07/30	06:59:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/30	07:52:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/30	07:52:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/30	07:52:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/30	07:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/30	08:36:00.0	XRT_Custom_430_OG [0x1ae]							
2023/07/30	08:37:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/30	09:32:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/30	09:32:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/30	09:32:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/30	09:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/30	10:14:30.0	XRT_Custom_430_OG [0x1ae]							
2023/07/30	10:15:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/30	11:13:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/30	11:13:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/30	11:13:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/30	11:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/30	11:52:30.0	XRT_Custom_430_OG [0x1ae]							
2023/07/30	11:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/30	13:04:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/30	13:04:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/30	13:04:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/30	13:07:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/30	13:31:00.0	XRT_Custom_430_OG [0x1ae]							

2023/07/30	13:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/30	14:42:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/30	14:42:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/30	14:42:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/30	14:45:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/30	15:09:30.0	XRT_Custom_430_OG [0x1ae]					
2023/07/30	15:10:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/30	16:20:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/30	16:20:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/30	16:20:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/30	16:23:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/30	16:58:30.0	XRT_Custom_430_OG [0x1ae]					
2023/07/30	16:59:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/30	17:46:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/30	17:46:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/30	17:46:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2023/07/30	17:46:30.0	AOCs_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2023/07/30	17:46:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2023/07/30	17:46:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2023/07/30	17:46:52.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/07/30	17:49:28.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11	
2023/07/30	17:49:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/30	17:56:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/30	17:56:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/30	17:56:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2023/07/30	17:56:30.0	AOCs_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	02 06 66 01 58	
2023/07/30	17:56:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2023/07/30	17:56:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2023/07/30	17:56:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2023/07/30	17:56:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/07/30	17:56:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/30	17:59:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/30	17:59:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/30	17:59:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/30	17:59:26.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a	
2023/07/30	17:59:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2023/07/30	18:02:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/30	18:35:00.0	XRT_Custom_430_OG [0x1ae]					
2023/07/30	18:36:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/30	19:37:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/30	19:37:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/30	19:37:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/30	19:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/30	20:12:00.0	XRT_Custom_430_OG [0x1ae]					
2023/07/30	20:13:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/30	21:15:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/30	21:15:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/30	21:15:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/30	21:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					

2023/07/30	21:49:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/30	21:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2023/07/30	22:54:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/30	22:54:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/30	22:54:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/30	22:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/30	23:25:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/30	23:26:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2023/07/31	00:32:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/31	00:32:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/31	00:32:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/31	00:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/31	00:59:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/31	01:00:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]					
2023/07/31	02:06:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/31	02:06:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/31	02:06:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/31	02:06:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/31	02:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/31	02:37:30.0	XRT_Custom_430_OG [0x1ae]					
2023/07/31	02:38:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2023/07/31	03:38:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/31	03:38:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/31	03:38:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/31	03:38:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/31	03:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/31	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/31	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/31	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/31	04:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2023/07/31	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 00 00 00 00	
2023/07/31	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2023/07/31	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2023/07/31	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2023/07/31	04:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/07/31	04:02:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/31	04:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05	
2023/07/31	04:16:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2023/07/31	04:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2023/07/31	05:07:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/31	05:07:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/31	05:07:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/31	05:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/31	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/31	05:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/31	05:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/31	06:00:18.0	XRT_FLD_DIS_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2023/07/31	06:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2023/07/31	06:00:22.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2023/07/31	06:02:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/07/31	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11	

Jul 25, 23 11:39

XRT_OGLIST_0221.chk

Page 18/21

2023/07/31	06:09:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/31	06:09:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/31	06:09:28.0	XRT_FOCUS_RECALIBRATE_405_OG [0x195]	XRT_FOCUS_RECAL	2	07-F8	78	00
2023/07/31	06:10:00.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	02 06 66	01 58
2023/07/31	06:13:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2023/07/31	06:13:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2023/07/31	06:13:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2023/07/31	06:13:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2023/07/31	06:13:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/07/31	06:13:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/31	06:16:26.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a
2023/07/31	06:16:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04
2023/07/31	06:16:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/31	06:47:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/31	06:47:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/31	06:47:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/31	06:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/31	06:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/31	06:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/31	06:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2023/07/31	07:00:00.0	AOCS_ORe-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	01 06 66	01 58
2023/07/31	07:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2023/07/31	07:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2023/07/31	07:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2023/07/31	07:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/07/31	07:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/31	07:02:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d
2023/07/31	07:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04
2023/07/31	07:32:30.0	XRT_Custom_430_OG [0x1ae]					
2023/07/31	07:33:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/31	08:28:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/31	08:28:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/31	08:28:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/31	08:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/31	09:11:00.0	XRT_Custom_430_OG [0x1ae]					
2023/07/31	09:12:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/31	09:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/31	09:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/31	09:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2023/07/31	10:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	02 06 66	01 58
2023/07/31	10:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2023/07/31	10:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2023/07/31	10:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2023/07/31	10:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/07/31	10:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/31	10:02:56.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a
2023/07/31	10:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04

Jul 25, 23 11:39

XRT_OGLIST_0221.chk

Page 19/21

2023/07/31	10:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/31	10:07:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/31	10:07:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/31	10:07:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/31	10:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/31	10:49:00.0	XRT_Custom_430_OG [0x1ae]							
2023/07/31	10:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/31	11:50:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/31	11:50:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/31	11:50:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/31	11:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/31	12:27:30.0	XRT_Custom_430_OG [0x1ae]							
2023/07/31	12:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/31	13:39:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/31	13:39:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/31	13:39:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/31	13:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/31	14:05:30.0	XRT_Custom_430_OG [0x1ae]							
2023/07/31	14:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/31	15:17:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/31	15:17:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/31	15:17:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/31	15:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/31	15:45:00.0	XRT_Custom_430_OG [0x1ae]							
2023/07/31	15:46:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/31	16:55:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/31	16:55:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/07/31	16:55:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/07/31	16:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/07/31	17:32:30.0	XRT_Custom_430_OG [0x1ae]							
2023/07/31	17:33:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/31	18:02:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/31	18:02:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/31	18:02:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2023/07/31	18:03:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2023/07/31	18:03:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2023/07/31	18:03:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2023/07/31	18:03:22.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/07/31	18:05:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2023/07/31	18:06:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/07/31	18:12:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/31	18:12:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/07/31	18:12:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2023/07/31	18:13:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	02 06 66 01 58				
2023/07/31	18:13:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2023/07/31	18:13:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2023/07/31	18:13:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2023/07/31	18:13:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/07/31	18:13:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				

2023/07/31	18:15:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07
2023/07/31	18:15:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04
2023/07/31	18:16:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/31	18:34:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/31	18:34:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/31	18:34:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/31	18:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/31	19:09:30.0	XRT_Custom_430_OG [0x1ae]					
2023/07/31	19:10:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/31	20:12:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/31	20:12:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/31	20:12:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/31	20:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/31	20:46:00.0	XRT_Custom_430_OG [0x1ae]					
2023/07/31	20:47:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/31	21:50:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/31	21:50:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/31	21:50:34.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/31	21:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/31	22:23:00.0	XRT_Custom_430_OG [0x1ae]					
2023/07/31	22:24:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/07/31	23:29:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/07/31	23:29:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/07/31	23:29:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/07/31	23:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/07/31	23:58:00.5	XRT_Custom_430_OG [0x1ae]					
2023/07/31	23:59:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/08/01	01:07:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/08/01	01:07:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/08/01	01:07:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/08/01	01:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/08/01	01:34:00.0	XRT_Custom_430_OG [0x1ae]					
2023/08/01	01:35:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/08/01	02:38:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/08/01	02:38:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/08/01	02:38:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/08/01	02:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/08/01	03:12:00.0	XRT_Custom_430_OG [0x1ae]					
2023/08/01	03:13:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/08/01	04:13:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/08/01	04:13:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/08/01	04:13:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/08/01	04:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/08/01	04:31:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/08/01	04:31:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/08/01	04:31:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2023/08/01	04:32:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00	00
2023/08/01	04:32:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2023/08/01	04:32:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2023/08/01	04:32:22.0	XRT_AEC_RESET_448_OG [0x1c0]					

Jul 25, 23 11:39

XRT_OGLIST_0221.chk

Page 21/21

2023/08/01	04:32:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
			MDP_XRT_ARS_DIS	1	07-F0	d5		
2023/08/01	04:32:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/08/01	04:34:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05	
2023/08/01	04:34:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04	
2023/08/01	04:50:30.0	XRT_Custom_430_OG [0x1ae]						
2023/08/01	04:51:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/08/01	05:43:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/08/01	05:43:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/08/01	05:43:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/08/01	05:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/08/01	06:31:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/08/01	06:31:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/08/01	06:31:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2023/08/01	06:32:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2023/08/01	06:32:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2023/08/01	06:32:22.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2023/08/01	06:34:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	11	
2023/08/01	06:35:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/08/01	06:41:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/08/01	06:41:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/08/01	06:41:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97 00
2023/08/01	06:42:00.0	AOCS_ORe-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	01	06	66 01 58
2023/08/01	06:42:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2023/08/01	06:42:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2023/08/01	06:42:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2023/08/01	06:42:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2023/08/01	06:42:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/08/01	06:44:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d	
2023/08/01	06:44:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04	
2023/08/01	06:45:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/08/01	07:23:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/08/01	07:23:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/08/01	07:23:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/08/01	07:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/08/01	08:07:00.0	XRT_Custom_430_OG [0x1ae]						
2023/08/01	08:08:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/08/01	09:03:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/08/01	09:03:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/08/01	09:03:04.0	XRT_PREFLR_STRT_420_OG [0x1a4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/08/01	09:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/08/01	09:45:30.0	XRT_Custom_430_OG [0x1ae]						
2023/08/01	09:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/08/01	10:27:30.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/08/01	10:45:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	00	00 00 00