

XRT Timeline to be uploaded on 2022/11/17

Period: 2022/11/17 11:22:00 - 2022/11/22 11:01:00

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Normal mode

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

Term	Pointing (x, y)	Comment
11/17 11:44:00 - 11/17 12:06:54	Fixed (-21.0, -984.0)	HOP412 01/20
11/17 12:10:00 - 11/17 12:27:54	Fixed (-21.0, -884.0)	HOP412 02/20
11/17 12:31:00 - 11/17 12:48:54	Fixed (-21.0, -784.0)	HOP412 03/20
11/17 12:52:00 - 11/17 13:09:54	Fixed (-21.0, -684.0)	HOP412 04/20
11/17 13:13:00 - 11/17 13:30:54	Fixed (-21.0, -584.0)	HOP412 05/20
11/17 13:34:00 - 11/17 13:51:54	Fixed (-21.0, -484.0)	HOP412 06/20
11/17 13:55:00 - 11/17 14:12:54	Fixed (-21.0, -384.0)	HOP412 07/20
11/17 14:16:00 - 11/17 14:33:54	Fixed (-21.0, -284.0)	HOP412 08/20
11/17 14:37:00 - 11/17 14:54:54	Fixed (-21.0, -184.0)	HOP412 09/20
11/17 14:58:00 - 11/17 15:29:54	Fixed (-21.0, -84.0)	HOP412 10/20
11/17 15:33:00 - 11/17 15:50:54	Fixed (-21.0, 6.0)	HOP412 11/20
11/17 15:54:00 - 11/17 16:11:54	Fixed (-21.0, 106.0)	HOP412 12/20
11/17 16:15:00 - 11/17 16:34:54	Fixed (-21.0, 206.0)	HOP412 13/20
11/17 17:22:00 - 11/17 17:39:54	Fixed (-21.0, 306.0)	HOP412 14/20
11/17 17:43:00 - 11/17 18:00:54	Fixed (-21.0, 406.0)	HOP412 15/20
11/17 18:04:00 - 11/17 18:30:30	Fixed (-21.0, 506.0)	HOP412 16/20
11/17 18:58:00 - 11/17 19:15:54	Fixed (-21.0, 606.0)	HOP412 17/20
11/17 19:19:00 - 11/17 19:36:54	Fixed (-21.0, 706.0)	HOP412 18/20
11/17 19:40:00 - 11/17 20:07:30	Fixed (-21.0, 806.0)	HOP412 19/20
11/17 20:35:00 - 11/17 20:52:54	Fixed (-21.0, 906.0)	HOP412 20/20

PROG= 09 Inf.-time(s)

Subr= 1	1-time(s)	2.0sec										
Seqn= 30	1-time(s)	2.0sec										
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2	5-time(s)	720.0sec										
Seqn= 8	1-time(s)	2.0sec										
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Seqn= 6	1-time(s)	2.0sec										
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1CA9: Synoptic Q95 2x2 - Al/mesh(16/181/2048) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(24/362/4096) + T

Term	Pointing (x, y)	Comment
11/17 16:38:00 - 11/17 17:18:54	Fixed (0.0, 0.0)	synoptic, shifted
11/18 06:08:00 - 11/18 06:14:54	Fixed (0.0, 0.0)	HOP 349 (regular synoptic from 06:05:00)
11/18 17:56:00 - 11/18 18:02:54	Fixed (0.0, 0.0)	synoptic, shifted -7.0 min
11/19 05:40:00 - 11/19 05:56:54	Fixed (0.0, 0.0)	HOP 349 (regular synoptic from 05:37:00)

PROG= 11 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= 75	1-time(s)	2.0sec										
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 9	1-time(s)	2.0sec										
Al-poly/Open	Al-poly/Open	close	Safe	Norm	24ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	354ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 53	1-time(s)	2.0sec										
thin-Be/Open	thin-Be/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	11.3s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 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
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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

Term	Pointing (x, y)	Comment
11/17 20:56:00 - 11/18 03:57:30	Track (-844.7, -265.1) @ 11/17 20:53:00	End of HOP412, AR at SE
11/18 06:18:00 - 11/18 17:28:30	Track (-799.1, -268.0) @ 11/18 06:15:00	track AR
11/18 18:06:00 - 11/18 23:57:00	Track (-732.5, -271.1) @ 11/18 18:03:00	track AR

PROG= 12 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 #1CD1: HOP349 - 3-filter Synoptics (Al-mesh[2/128/723], Al-poly[12/181/1443], thin-Be[24/512/3897] with 512x512 G-band+Leak - 375min cad) + CME w		
Term	Pointing (x, y)	Comment
11/18 04:19:30 - 11/18 06:04:54	Fixed (0.0, 0.0)	HOP 349 (regular synoptic from 06:05:00)
11/19 04:03:00 - 11/19 05:36:54	Fixed (0.0, 0.0)	HOP 349 (regular synoptic from 05:37:00)

PROG= 07 Inf.-time(s)												
Subr= 1		1-time(s)		300.0sec								
Seqn= 55		1-time(s)		2.0sec								
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	707ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 15		1-time(s)		2.0sec								
Al-poly/Open	Al-poly/Open	close	Safe	Norm	12ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 79		1-time(s)		2.0sec								
thin-Be/Open	thin-Be/Open	close	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 30		1-time(s)		2.0sec								
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2		15-time(s)		1500.0sec								
Seqn= 8		1-time(s)		2.0sec								
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Seqn= 74		1-time(s)		2.0sec								
med-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
med-Be/Open	med-Be/Open	close	Safe	Norm	2.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
Seqn= 6		1-time(s)		2.0sec								
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Seqn= 29		1-time(s)		2.0sec								
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #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
11/19 00:18:00 - 11/19 03:59:54	Track (-35.2, -80.1) @ 11/19 00:00:00	HOP 393

PROG= 10 Inf.-time(s)												
Subr= 1		1-time(s)		2.0sec								
Seqn= 30		1-time(s)		2.0sec								
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 52		1-time(s)		2.0sec								
Al-poly/Open	Al-poly/Open	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	DPCM	0	0	2.0sec
Subr= 2		30-time(s)		720.0sec								
Seqn= 97		2-time(s)		2.0sec								
Al-poly/Open	med-Be/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Al-poly/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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Flare mode

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XOB #1C96: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Be/thick), AEC 3, 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512x512 2x2) + GB

Term	Pointing (x, y)	Comment
11/17 11:44:00 - 11/17 12:06:54	Fixed (-21.0, -984.0)	HOP412 01/20
11/17 12:10:00 - 11/17 12:27:54	Fixed (-21.0, -884.0)	HOP412 02/20
11/17 12:31:00 - 11/17 12:48:54	Fixed (-21.0, -784.0)	HOP412 03/20
11/17 12:52:00 - 11/17 13:09:54	Fixed (-21.0, -684.0)	HOP412 04/20
11/17 13:13:00 - 11/17 13:30:54	Fixed (-21.0, -584.0)	HOP412 05/20
11/17 13:34:00 - 11/17 13:51:54	Fixed (-21.0, -484.0)	HOP412 06/20
11/17 13:55:00 - 11/17 14:12:54	Fixed (-21.0, -384.0)	HOP412 07/20
11/17 14:16:00 - 11/17 14:33:54	Fixed (-21.0, -284.0)	HOP412 08/20
11/17 14:37:00 - 11/17 14:54:54	Fixed (-21.0, -184.0)	HOP412 09/20
11/17 14:58:00 - 11/17 15:29:54	Fixed (-21.0, -84.0)	HOP412 10/20
11/17 15:33:00 - 11/17 15:50:54	Fixed (-21.0, 6.0)	HOP412 11/20
11/17 15:54:00 - 11/17 16:11:54	Fixed (-21.0, 106.0)	HOP412 12/20
11/17 16:15:00 - 11/17 16:34:54	Fixed (-21.0, 206.0)	HOP412 13/20
11/17 17:22:00 - 11/17 17:39:54	Fixed (-21.0, 306.0)	HOP412 14/20
11/17 17:43:00 - 11/17 18:00:54	Fixed (-21.0, 406.0)	HOP412 15/20
11/17 18:04:00 - 11/17 18:30:30	Fixed (-21.0, 506.0)	HOP412 16/20
11/17 18:58:00 - 11/17 19:15:54	Fixed (-21.0, 606.0)	HOP412 17/20
11/17 19:19:00 - 11/17 19:36:54	Fixed (-21.0, 706.0)	HOP412 18/20
11/17 19:40:00 - 11/17 20:07:30	Fixed (-21.0, 806.0)	HOP412 19/20
11/17 20:35:00 - 11/17 20:52:54	Fixed (-21.0, 906.0)	HOP412 20/20
11/17 20:56:00 - 11/18 03:57:30	Track (-844.7, -265.1) @ 11/17 20:53:00	End of HOP412, AR at SE
11/18 04:19:30 - 11/18 06:04:54	Fixed (0.0, 0.0)	HOP 349 (regular synoptic from 06:05:00)
11/18 06:18:00 - 11/18 17:28:30	Track (-799.1, -268.0) @ 11/18 06:15:00	track AR
11/18 18:06:00 - 11/18 23:57:00	Track (-732.5, -271.1) @ 11/18 18:03:00	track AR
11/19 00:18:00 - 11/19 03:59:54	Track (-35.2, -80.1) @ 11/19 00:00:00	HOP 393
11/19 04:03:00 - 11/19 05:36:54	Fixed (0.0, 0.0)	HOP 349 (regular synoptic from 05:37:00)
11/19 06:00:00 - 11/19 11:20:00	Track (-657.1, -273.8) @ 11/19 05:47:00	track AR

PROG= 04 30-time(s)

Subr=	1-time(s)	2.0sec										
Subr= 1	20-time(s)	2.0sec										
Seqn= 11	1-time(s)	2.0sec										
Al-poly/Open	Al-poly/thick-Al close	Safe Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec		
Seqn= 73	1-time(s)	10.0sec										
thin-Be/Open	med-Be/Open close	Safe Norm	125ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec		
med-Be/Open	Open/thick-Al close	Safe Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec		
Open/thick-Be	Open/thick-Be close	Safe Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec		
Subr= 2	1-time(s)	2.0sec										
Seqn= 10	1-time(s)	2.0sec										
med-Al/Open	med-Al/thick-Al close	Safe Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec		
Open/thick-Be	Open/thick-Be close	Safe Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec		
Seqn= 11	1-time(s)	2.0sec										
Al-poly/Open	Al-poly/thick-Al close	Safe Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec		
Seqn= 87	1-time(s)	2.0sec										
Open/G-band	Open/G-band open	Safe Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec		
Open/G-band	Open/G-band close	Safe Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec		
Open/thick-Al	Open/thick-Al close	Safe Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec		
Open/thick-Al	Open/thick-Al close	Safe Dark	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec		
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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Active Region Search

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NOT USED

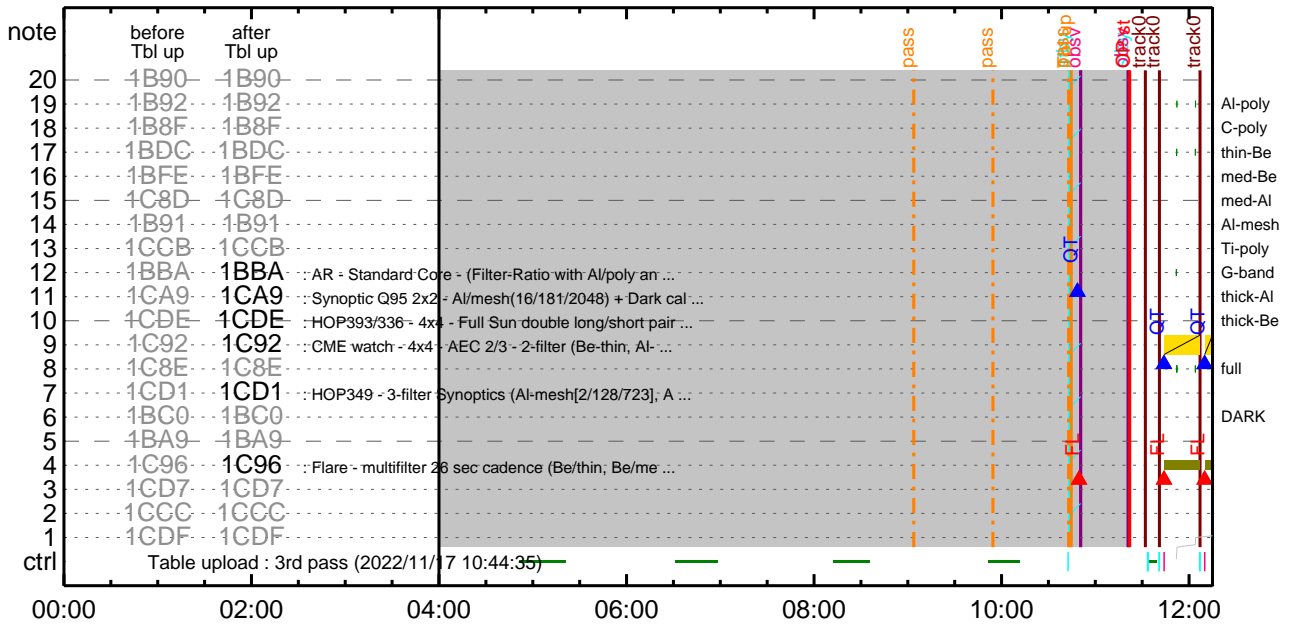
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Flare Detection

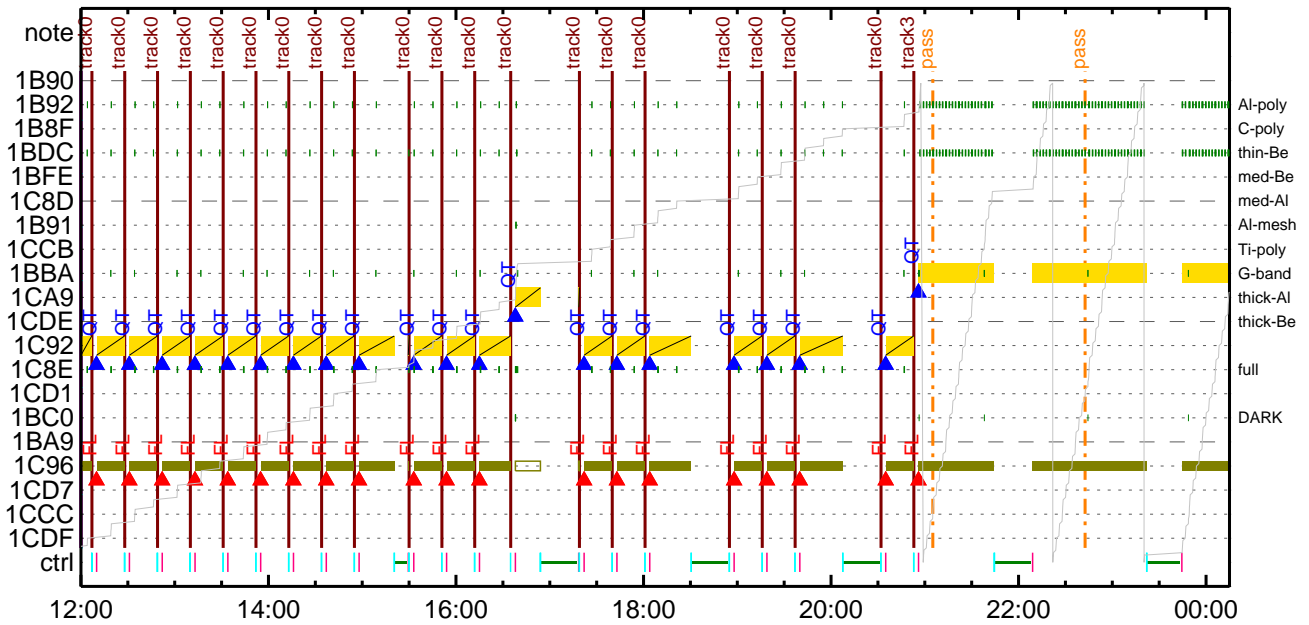
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FLD Patrol											
Term	Pointing (x, y)	Comment									
11/17 10:45:35 - 11/17 16:35:16	cannot be identified										
11/17 17:19:18 - 11/18 06:05:16	Fixed (-21.0, 306.0)	HOP412 14/20									
11/18 06:15:18 - 11/18 17:53:16	Track (-799.1, -268.0) @ 11/18 06:15:00	track AR									
11/18 18:03:18 - 11/19 05:37:16	Track (-732.5, -271.1) @ 11/18 18:03:00	track AR									
11/19 05:57:18 - 11/22 11:01:00	Track (-657.1, -273.8) @ 11/19 05:47:00	track AR									
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

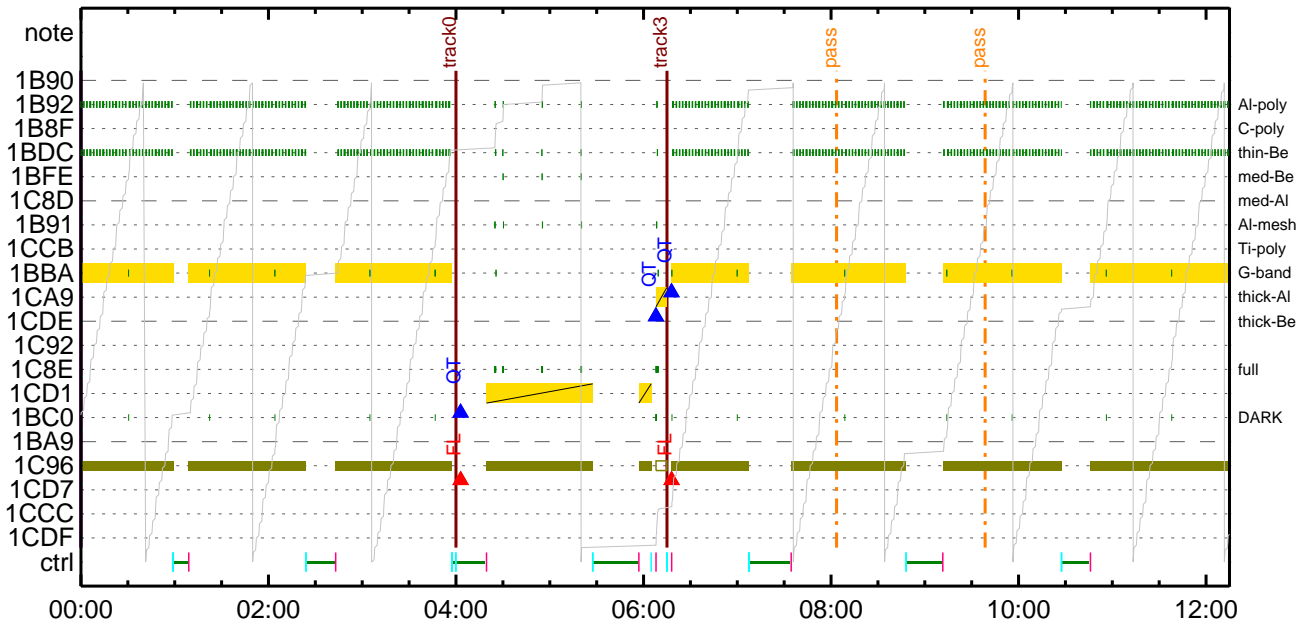
CMDI #0726 2022/11/17



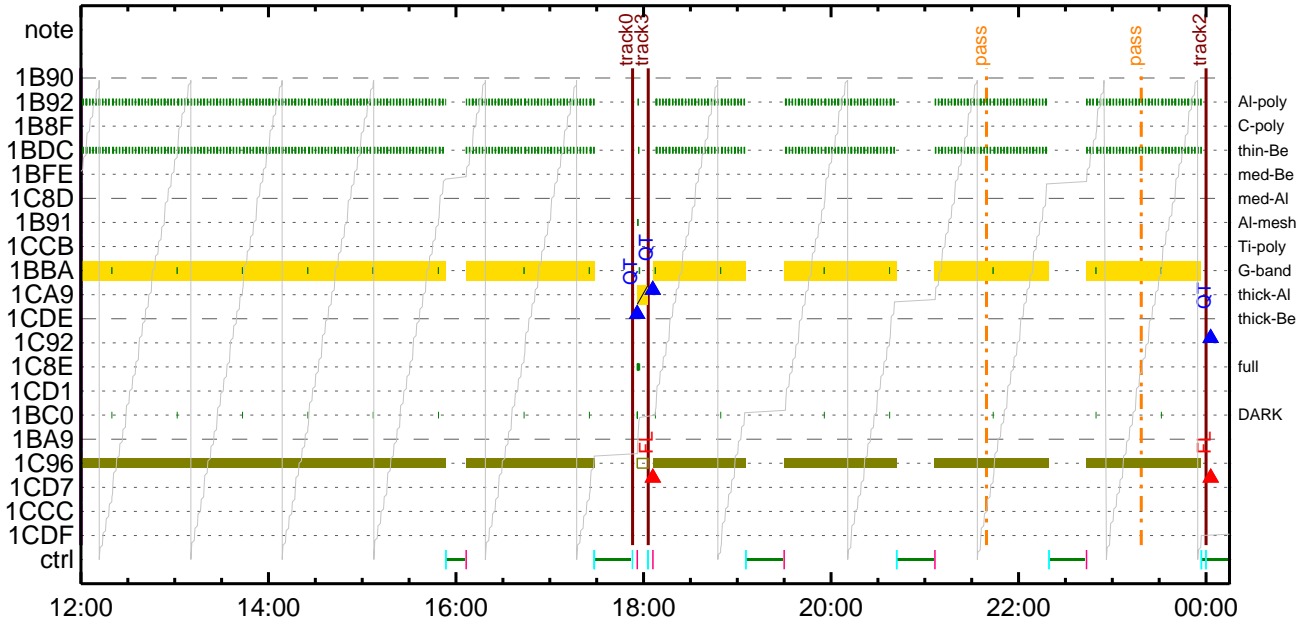
CMDI #0726 2022/11/17



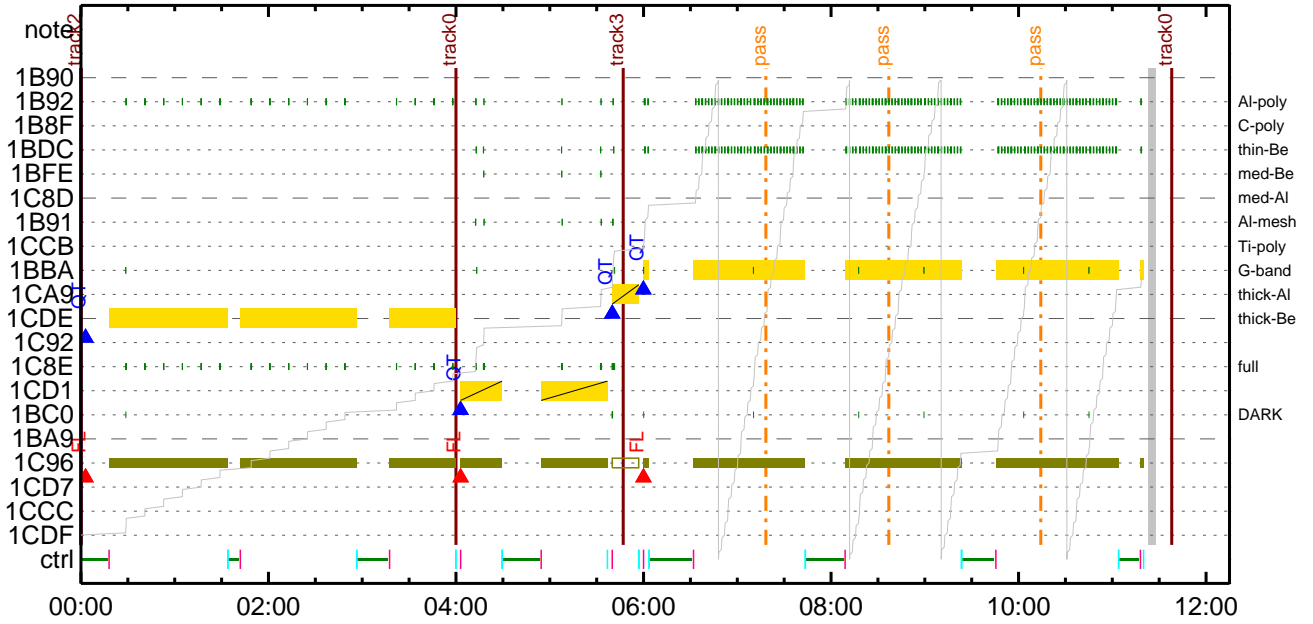
CMDI #0726 2022/11/18



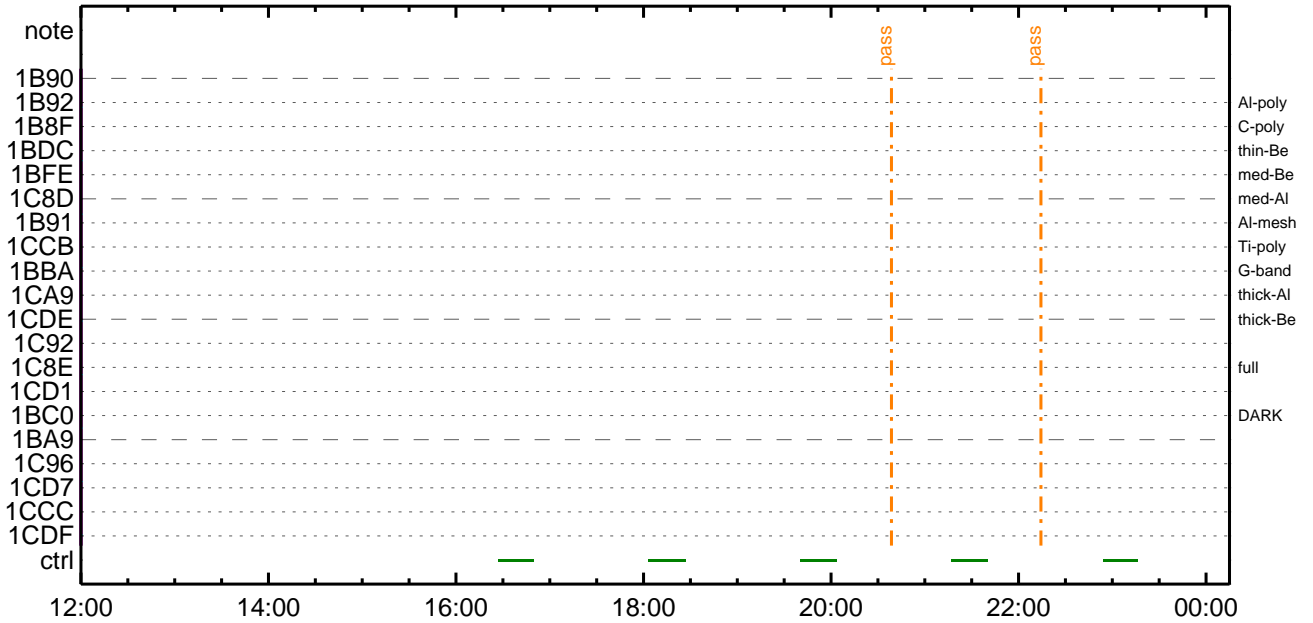
CMDI #0726 2022/11/18



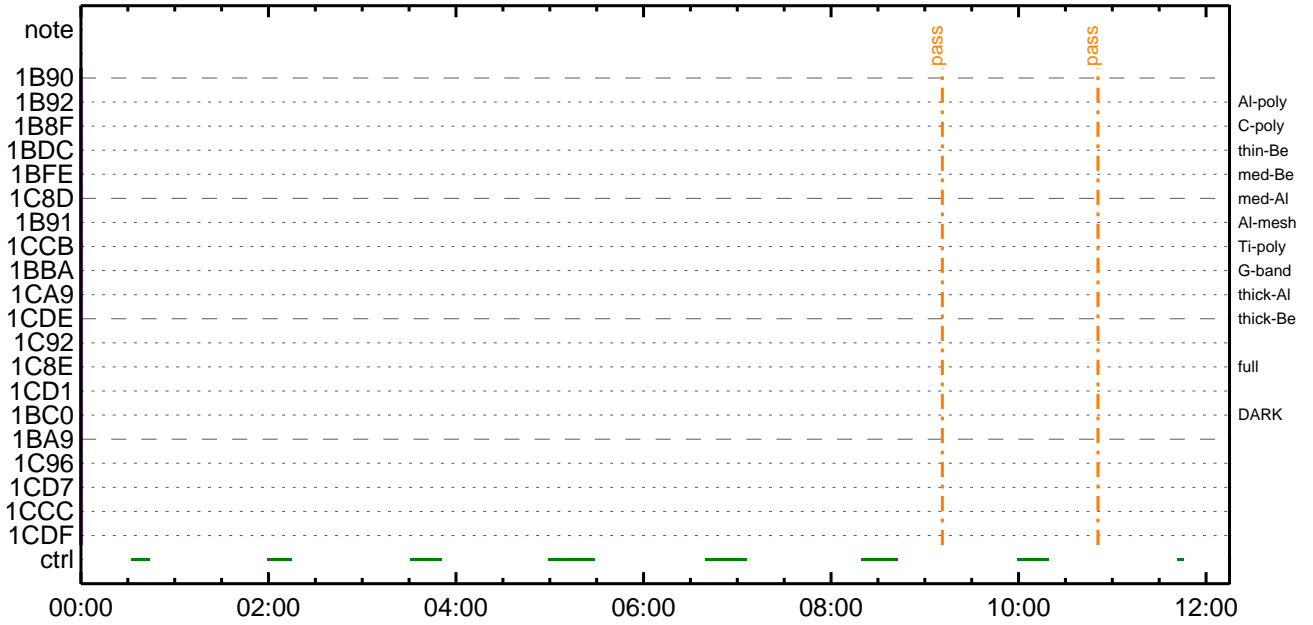
CMDI #0726 2022/11/19



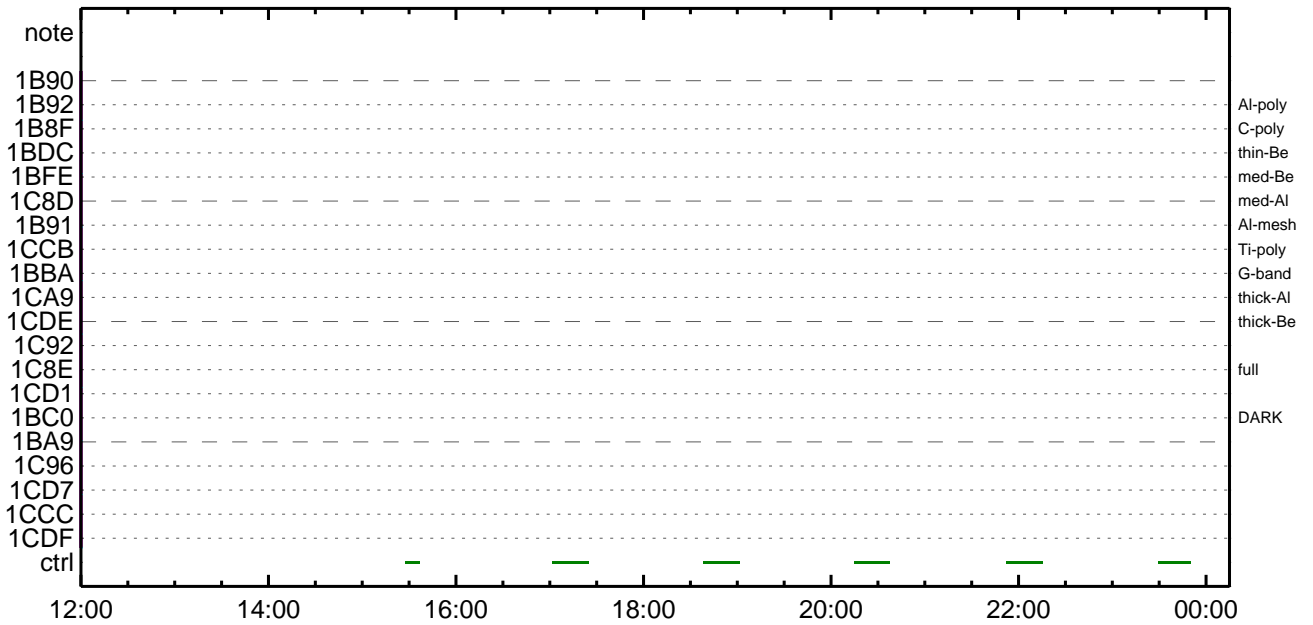
CMDI #0726 2022/11/19



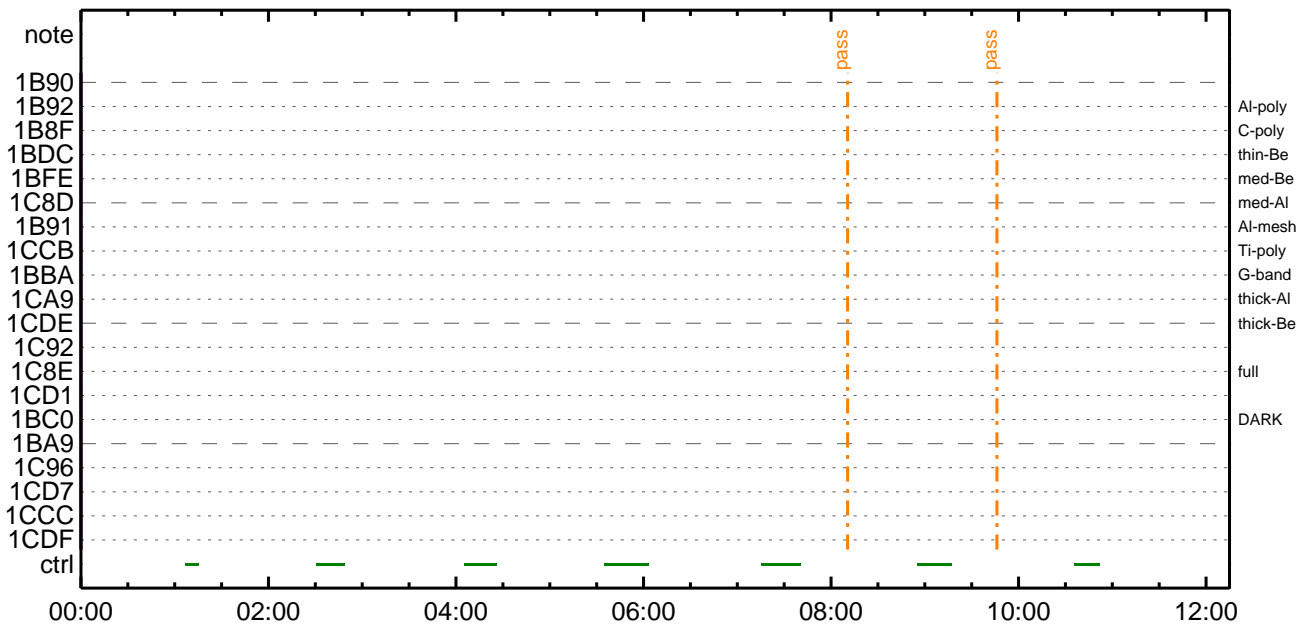
CMDI #0726 2022/11/20



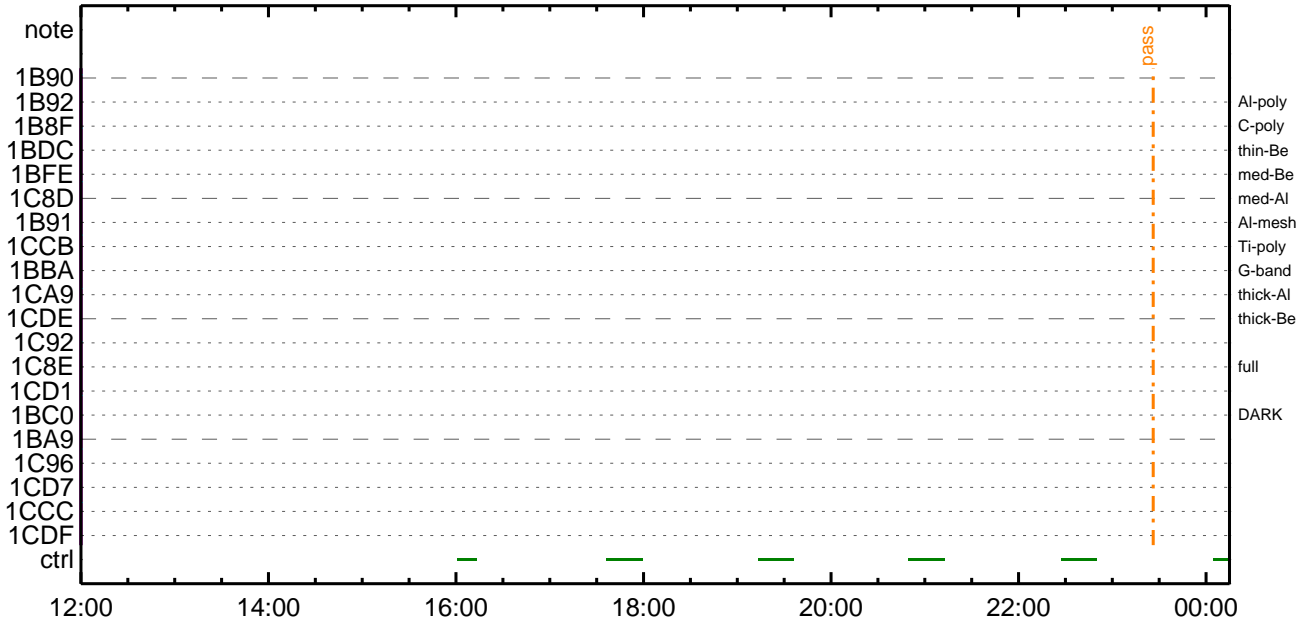
CMDI #0726 2022/11/20



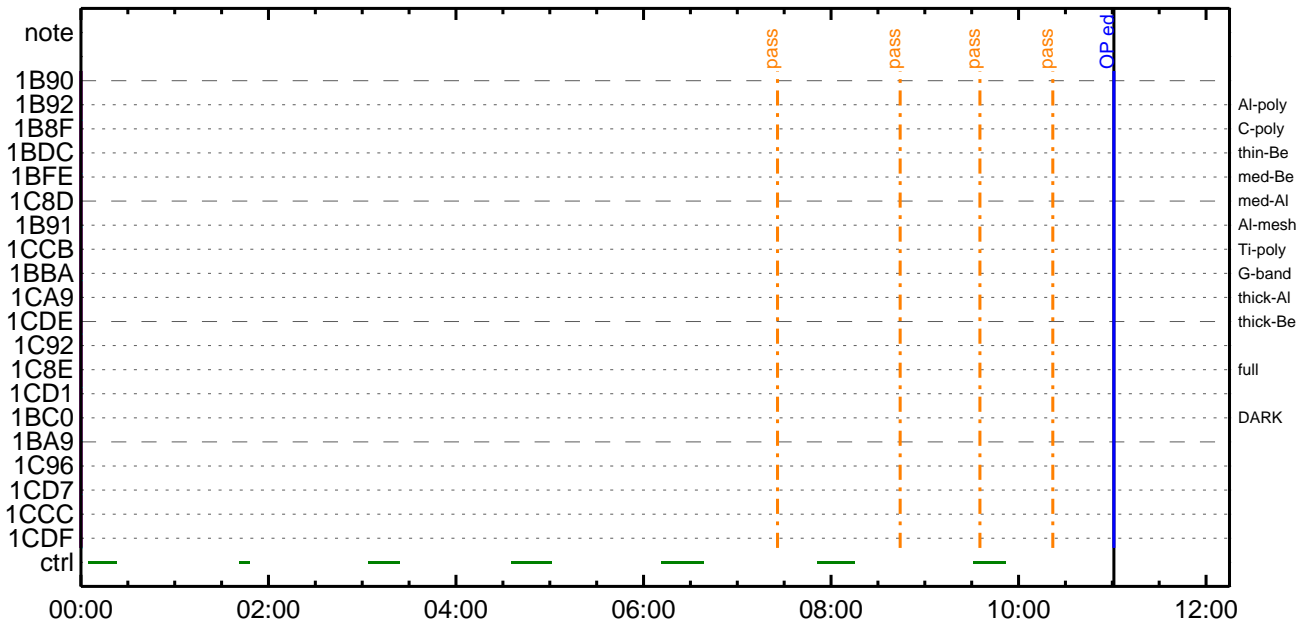
CMDI #0726 2022/11/21



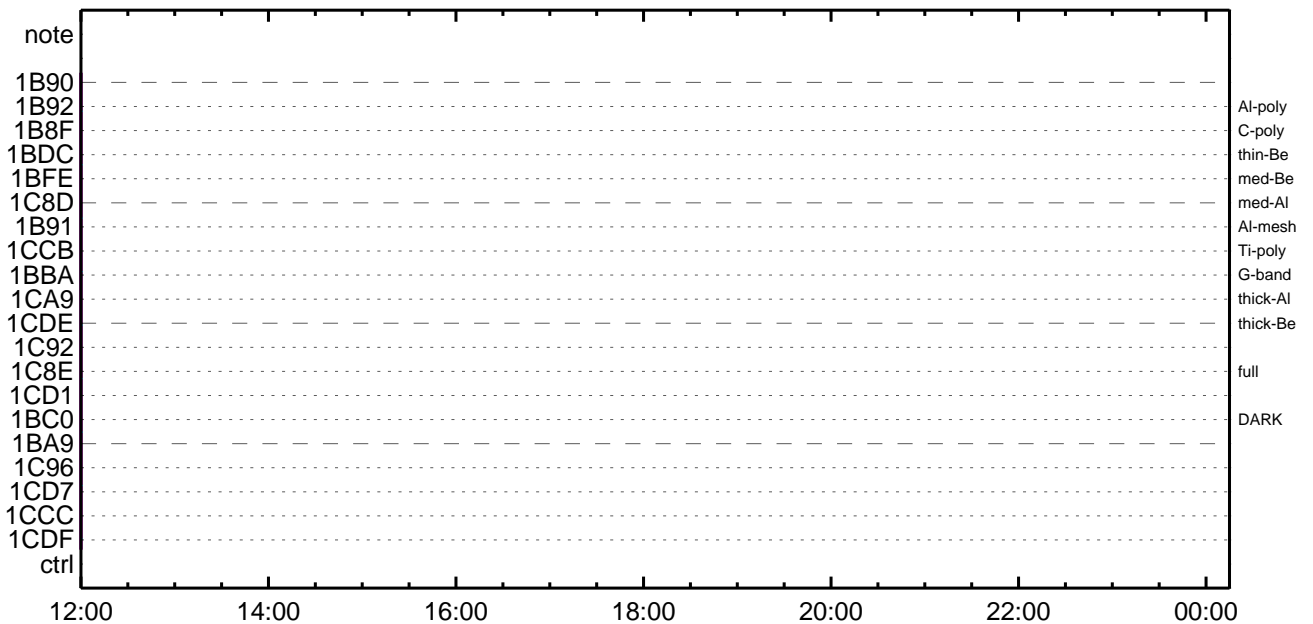
CMDI #0726 2022/11/21



CMDI #0726 2022/11/22



CMDI #0726 2022/11/22




```

0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;|YAYOYx
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-525:OP
0104 ( )
0105 S. OG og-525:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPfî°èYAYOYx;ã
0109 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç[HK1_PKT_FORM_NO] EQ 7
0120 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 C. YAYOYx½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG²î½E¹ç•è²îOKò³îÇ§
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. çç[HK1_PKT_FORM_NO] EQ 7
0139 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 C. YAYOYx½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG²î½E¹ç•è²îOKò³îÇ§
0146 C.
0147 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. çç[HK1_PKT_FORM_NO] EQ 7
0158 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 C. YAYOYx½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OP²î½E¹ç•è²îOKò³îÇ§
0165 C.
0166 C. ***** °E²¼òî½Ä´¶Á°òEÉ¬ò°Á÷¿@ (¼âµ-YAYOYx½ê½çòðÁÓæòÇ¼ª°¬òE¼î¹çòçòâ) *****
0167 C. DHUYâ;4YE;E½Y½;Yî;4YE;Eòðîã¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç[HK1_PKT_FORM_NO] EQ 2
0171 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 C. NOTICE ;§ OPOG UPLOAD²-Á÷¿@NG²î½î¹ç;ç°E²¼òîTI-CMDÁ÷¿@²î½Á¹Ôª°¬E²ò³òE;f
0180 C. ²²ò¿;çSET²EEDUMP²îE±°îYNY¹ç¹Ôª|²³òE;f
0181 C.
0182 C. TIY³Y²Y½YÉòðÁDî¿(UT)
0183 +. TI 2022-11-17 11:17:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2022-11-17 11:17:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2022-11-17 11:17:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

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```

0194 C.
0195 +. TI 2022-11-17 11:21:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          ¢¢[HK1_TI_CMD_NUM]          EQ      1COUNTUP
0198 C.
0199 C. °Ê²¼ºãİÄê%İİñºİŷÄŷ$ŷÄŷ-¹àİŰ
0200 C.          ¢¢[HK1_TI_CMD_ENA/DIS]      EQ      ENA
0201 C.          ¢¢[HK1_TI_CMD_NUM]          EQ      4
0202 C.          ¢¢[HK1_NEXT_EXEC_PIM]       EQ      DHU
0203 C.          ¢¢[HK1_NEXT_EXEC_DC]       EQ      0xB3
0204 C.
0205 C. *****
0206 C. TIİİ°èŷÄŷÖŷ×
0207 C. *****
0208 C.
0209 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC      (03 ab 03 01 02)
0212 C.          ¢¢[HK1_DMP_TOP_ADRS_1]     EQ      07
0213 C.          ¢¢[HK1_DMP_TOP_ADRS_0]     EQ      2B
0214 C.          ¢¢[HK1_DMP_BLOCK_NUM]      EQ      3
0215 C.          ¢¢[HK1_DMP_REPEAT_NUM]    EQ      0
0216 C.          ¢¢[HK1_DMA_DMP_PIM]       EQ      DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC      (07 0b f8)
0219 C.          ¢¢[HK1_PKT_FORM_NO]       EQ      7
0220 C.          ¢¢[HK1_PKT_GEN_TIME]      EQ      0.25 s
0221 C.          ¢¢[HK1_S_TLM_BIT_RATE]    EQ      32k
0222 C.          ¢¢[HK1_X_TLM_BIT_RATE]    EQ      4M
0223 C.          ¢¢[HK1_DMP_CHK_FLG]      EQ      EXEC
0224 C.
0225 C. ŷÄŷÖŷ×½ªİ»º³İÇ§
0226 C.          ¢¢[HK1_DMP_CHK_FLG]      EQ      NON
0227 C.
0228 C. RAM ID=TI_TBLºİ¼Ê¹ç•è²İOKº³İÇ§
0229 C.
0230 C. DHUŷä;¼ŷÉ;Ê¼ŷ¼. ŷİ;¼ŷÊ;Ëº³İäº¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC      (02 0a f8)
0233 C.          ¢¢[HK1_PKT_FORM_NO]       EQ      2
0234 C.          ¢¢[HK1_PKT_GEN_TIME]      EQ      0.5S
0235 C.          ¢¢[HK1_S_TLM_BIT_RATE]    EQ      32K
0236 C.          ¢¢[HK1_X_TLM_BIT_RATE]    EQ      4M
0237 C.
0238 C. Stop EIS observation and temporarily disable EIS mode changes
0239 C.
0240 C.
0241 C. ***** Start EIS operation (TI set) *****
0242 C. Execute, after the success of OP upload.
0243 C. Set EIS TI-commands
0244 +. TI 2022-11-17 11:21:30.0
0245 DC 07-FC EIS_MODE_MANU
0246 BC      (21 02)
0247 +. TI 2022-11-17 11:21:40.0
0248 DC 07-FC EIS_MODE_CHG_DIS
0249 BC      (22)
0250 C.          [ ] [HK1_TI_CMD_NUM]      EQ      2 COUNTUP
0251 C. ***** End EIS operation (TI set) *****
0252 C.
0253 C.
0254 C.
0255 C. ***** XRT START *****
0256 C. Execute, after the success of OP upload.
0257 +. TI 2022-11-17 11:21:00.0
0258 DC 07-F0 MDP_XRT_MODE_STBY
0259 BC      (c3)
0260 C.          [ ] [HK1_TI_CMD_NUM]      EQ      1COUNTUP
0261 C.
0262 C. ***** XRT END *****
0263 C.
0264 C. ***** MDP `ûÄİºİ»ò¼ŷºÈÄº¹ºèDCBC•×²è *****
0265 C. (¼ªºİŷÖŷÄŷËŷŷŷËŷäŷçŷèºÈ¼º¼Ä»Ûº¹ºè)
0266 S. DC-BC dcbc-402:DCBC
0267 (MDP_known_event)
0268 C.
0269 C.
0270 C. ***** ŷĐŷ¹.İ Daily±;İñºÈ´º¹ºèDCBC•×²è *****
0271 S. DC-BC dcbc-153:DCBC
0272 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0273 C.
0274 C.
0275 C. İäLOSŷÄŷ$ŷÄŷ-¼Ä»Û;ä
0276 C.
0277 C. ***** LOS *****
0278 C.

```

(a) Spacecraft Operation Procedure (real-commands)

```
main-526 2022-11-17 11:32:58 85 33 SOLAR-B MAIN //
0001 . C.
0002 . C. ***** AOS *****
0003 . C.
0004 . C. ;ãAOSYÁY$YÁY`¼Á»Û;ã
0005 . C.
0006 . C. YÁYB;¼Y³YBYÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 . C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 . C. ÁÍ;È¿¿ÒÁÓ•µ°È»Í×ÁÇÖÍYÇYÁY×YÍ;¼YÉ;ÈÈèµ•ÍfÉ;ÈÓÈ¼°ÇÖÒ••¿¿¼l¹ÇÖÍ;ÇÁ®, ù¿¹ÒÈÓÈÇÁ+¿®••ÈÈÒÒ³ÒÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 . C.
0013 . C.
0014 . C. ***** AOCs Commands (Tracking Curve Upload) *****
0015 . C. Upload the Orbit Element and the Target Attitude
0016 . C. RAM-ID:TARGET_ATT
0017 . S. RAM ram-150:TARGET_ATT
0018 . C.
0019 . C.
0020 . C.
0021 . C. Set the dump memory area of TARGET_ATT
0022 +. DC 02-48 AOCU_DUMP_SET
0023 . BC (07 00 00 00 18 00)
0024 . C.
0025 . C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0026 . C.
0027 . C.
0028 . C. Change the TLMFormatNo for the AOCs Dump Format
0029 +. DC 01-22 DHU_MODE_CHNG
0030 . BC (04 0b f8)
0031 . C.
0032 . C. Wait for AOCSDUMP to end
0033 . C.
0034 . C. Check the dump memory
0035 . C.
0036 . C. Result = OK [ ]
0037 . C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039 . BC (02 0a f8)
0040 . C.
0041 . C. <A_***>[TLM STS] FMT = 2 [ ]
0042 . C.
0043 +. DC 02-8E AOCU_ORB_UPD
0044 . C.
0045 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0046 +. DC 07-FC EIS_MODE_CHG_ENA
0047 . BC (20)
0048 . C. Verify EIS_MODE_CHG_FLG is ENA
0049 +. DC 07-FC EIS_MODE_MANU
0050 . BC (21 02)
0051 . C. Verify EIS in MANUAL mode
0052 . C. Estimated OBSTBL upload time is 55s
0053 . C. *****
0054 . C. EIS START OBSTBL LOAD
0055 . C. *****
0056 . S. RAM ram-820:EIS_OBSTBL
0057 . C.
0058 +. DC 07-FC EIS_DUMP_OBSTBL
0059 . BC (07 07 07 00 00 70 00)
0060 . C.
0061 . C. Execute, after the success of OBSTBL upload.
0062 . C. Set EIS TI-commands
0063 +. TI 2022-11-17 11:21:50.0
0064 . DC 07-FC EIS_MODE_CHG_ENA
0065 . BC (20)
0066 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0067 . C. *****
0068 . C. EIS END OBSTBL LOAD
0069 . C. *****
0070 . C.
0071 . C. ***** MDP `ûÁÎÖÍ»ó¼YÖÈÁÐ¹ÒÈDCBC•×²è *****
0072 . C. (¼á°ÍYÓYÁYÈYB;¼YÈYÁYÇYÈÖ¼¼Ò¼¼Á»Û¹ÒÈ)
0073 . S. DC-BC dcbc-402:DCBC
0074 . (MDP_known_event)
0075 . C.
0076 . C.
0077 . C. ***** YBY¹•Ï Daily±;¿ÎÑÖ`Ø¹ÒÈDCBC•×²è *****
0078 . S. DC-BC dcbc-153:DCBC
0079 . (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0080 . C.
0081 . C.
0082 . C. ;ãLOSÁY$YÁY`¼Á»Û;ã
0083 . C.
0084 . C. ***** LOS *****
0085 . C.
```

(a) Spacecraft Operation Procedure (real-commands)

```

main-527 2022-11-17 11:32:58 216 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÄY$YÄY-¼Ä»Û;ä
0005 C.
0006 C. YÄYß;¼Y³YBYYÉÄ+ç®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Äí;ÈçäðÁð•µ°®»Í×ÁÇçÍYçYÄY×YÍ;¼YÉ;ÈÈè¼µ•ííÈ;ÈðÈ¼°ÇÓð•çç¼l¹ççí;çÄ®, ùñ¹ðèððçÄ+ç®ð•ðÈððçè;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÄ+ç®µ;ON
0016 C. *****
0017 C. ç" °ÄÄ, Í×ÈYðäLOSððççí»p¹Öðð¹íí, ç; çÉÖÍ×çÈXÄÓONðí¹ðèðèðèðçè;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. XYDYÖYÉYÍYÄY-¾ÔÄÖççÄêçççç; ç°È²¼ççí°ÄÄ, ¼è¼ççð¼Ä¹çççç;f
0030 C.
0031 . C. *****
0032 C. DR PT1 ÄÍ¼í°ÄÄ,
0033 C. *****
0034 C. ç" RESTART;ÈPT1;Èçççççç¼l¹ççí; ç°È²¼ççí¼Ä¹çççççç; çDCBC-150ççççèççç;f
0035 C.
0036 . C. ;ãPT1°ÄÄ, ³«»Í;ä
0037 +. DC 01-29 DHU_S/X_VC4_OFF
0038 +. DC 06-C8 DR_PT1_REP_SEL
0039 BC (01 00)
0040 +. DC 06-B3 DR_REP_START
0041 +. DC 01-32 DHU_X_VC4_ON
0042 C. çç[HK1_REP_PT_1/2] EQ PT1 (¼Ä¹çç, ;¼Ú)
0043 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹çç, ;¼Ú)
0044 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹çç, ;¼Ú)
0045 C.
0046 . C. ;ãYçYöYÄYÈÄÜÄÖ;ÈÄ•Ä°²ççèçç;È, äççí°ÄÄ, °Ä³«;ä
0047 +. DC 06-B3 DR_REP_START
0048 +. DC 01-32 DHU_X_VC4_ON
0049 C. çç[HK1_REP_PT_1/2] EQ PT1 (¼Ä¹çç, ;¼Ú)
0050 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹çç, ;¼Ú)
0051 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹çç, ;¼Ú)
0052 C.
0053 C.
0054 . C. PT1°ÄÄ, çç¼«ÄÄ»ßçççççç; ä; ç°È²¼çççççççççç;f
0055 C. YçYöYÄYÈÄÜÄÖççççÄÄ•Ä°²ççèççççç¼l¹ççí°ÄÄ»çççççççççççççççç;f
0056 C.
0057 . C. *****
0058 C. DR PT2 ÄÍ¼í°ÄÄ,
0059 C. *****
0060 C. ç" RESTART;ÈPT2;Èçççççç¼l¹ççí; ç°È²¼çççççççççççççççç; çDCBC-151ççççèççç;f
0061 C.
0062 . C. ;ãPT2°ÄÄ, ³«»Í;ä
0063 +. DC 01-29 DHU_S/X_VC4_OFF
0064 +. DC 06-C8 DR_PT2_REP_SEL
0065 BC (02 00)
0066 +. DC 06-B3 DR_REP_START
0067 +. DC 01-32 DHU_X_VC4_ON
0068 C. çç[HK1_REP_PT_1/2] EQ PT2 (¼Ä¹çç, ;¼Ú)
0069 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹çç, ;¼Ú)
0070 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹çç, ;¼Ú)
0071 C.
0072 . C. ;ãYçYöYÄYÈÄÜÄÖ;ÈÄ•Ä°²ççèçç;È, äççí°ÄÄ, °Ä³«;ä
0073 +. DC 06-B3 DR_REP_START
0074 +. DC 01-32 DHU_X_VC4_ON
0075 C. çç[HK1_REP_PT_1/2] EQ PT2 (¼Ä¹çç, ;¼Ú)
0076 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹çç, ;¼Ú)
0077 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹çç, ;¼Ú)
0078 C.
0079 . C. *****
0080 C. DR°ÄÄ, ÄÄ»ß; çXÄ+ç®µ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°ÄÄ, ÄÄ»ß;ä
0084 +. DC 06-B4 DR_REP_STOP
0085 +. DC 01-29 DHU_S/X_VC4_OFF
0086 C. çç[HK1_REP_STA/STP] EQ STOP
0087 C. çç[HK1_S_VC4_ON/OFF] EQ OFF
0088 C. çç[HK1_X_VC4_ON/OFF] EQ OFF
0089 C.
0090 . C. ;ãXÄ+ç®µ;OFF;ä
0091 +. DC 03-85 TCIA_XMOD_OFF
0092 M. WAIT_SEC 1
0093 +. DC 03-B5 TCIA_XPA_OFF
0094 C. çç[HK1_XMOD_ON/OFF] EQ OFF
0095 C. çç[HK1_XPA_ON/OFF] EQ OFF

```

```
0096 C.
0097 C.
0098 C.
0099 C. ***** XRT START *****
0100 C.
0101 +. DC 07-F0 MDP_XRT_CTRL_MANU
0102 BC (c1)
0103 + DC 07-F0 MDP_XRT_MODE_STBY
0104 BC (c3)
0105 . C. ----- Success Verify ? OK / NG___
0106 C.
0107 C. XRT Obs. Table Upload
0108 . S. RAM ram-291:MDP_OBS_X
0109 ( )
0110 C.
0111 +. DC 07-F0 MDP_DUMP_XRTTBL
0112 BC (84 07 00 00 00 3a d4)
0113 . C. ----- Comparison Check ? OK / ERR ___
0114 C.
0115 C.
0116 +. DC 07-F0 MDP_XRT_ROI_SET
0117 BC (cd 01 b1 b1 04 04)
0118 + DC 07-F0 MDP_XRT_ROI_SET
0119 BC (cd 02 b1 b1 08 08)
0120 + DC 07-F0 MDP_XRT_ROI_SET
0121 BC (cd 03 b1 b1 08 08)
0122 + DC 07-F0 MDP_XRT_ROI_SET
0123 BC (cd 04 b1 b1 06 06)
0124 + DC 07-F0 MDP_XRT_ROI_SET
0125 BC (cd 05 85 83 06 06)
0126 + DC 07-F0 MDP_XRT_ROI_SET
0127 BC (cd 06 85 83 06 06)
0128 + DC 07-F0 MDP_XRT_ROI_SET
0129 BC (cd 07 80 80 08 08)
0130 + DC 07-F0 MDP_XRT_ROI_SET
0131 BC (cd 08 80 80 20 20)
0132 + DC 07-F0 MDP_XRT_ROI_SET
0133 BC (cd 09 80 80 20 08)
0134 + DC 07-F0 MDP_XRT_ROI_SET
0135 BC (cd 0a 80 80 08 20)
0136 + DC 07-F0 MDP_XRT_ROI_SET
0137 BC (cd 0f 80 80 06 06)
0138 + DC 07-F0 MDP_XRT_ROI_SET
0139 BC (cd 10 80 80 08 08)
0140 + DC 07-F0 MDP_XRT_FLD_ENA
0141 BC (d8)
0142 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0143 BC (c8)
0144 + DC 07-F0 MDP_XRT_ARS_DIS
0145 BC (d5)
0146 + DC 07-F0 MDP_XRT_AEC_RESET
0147 BC (d0)
0148 + DC 07-F0 MDP_XRT_FLD_RESET
0149 BC (da)
0150 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0151 BC (c4 0c)
0152 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0153 BC (c5 04)
0154 . C. ----- Success Verify ? OK / NG ___
0155 C.
0156 C.
0157 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0158 C.
0159 +. DC 07-F0 MDP_XRT_MODE_OBSV
0160 BC (c2)
0161 +. TI 2022-11-17 11:21:02.0
0162 DC 07-F0 MDP_XRT_MODE_OBSV
0163 BC (c2)
0164 . C. ----- Success Verify ? OK / NG ___
0165 C.
0166 C. ***** XRT END *****
0167 . C. ===== Begin of AOCs CMD Sequence =====
0168 . C.
0169 . C. *****
0170 . C. ***** GASŸÇ;¼Ÿ¿¼èÈÀ¼Â»Û *****
0171 . C. *****
0172 . C.
0173 . C. *****
0174 . C. MDRV OFF
0175 . C. *****
0176 . C.
0177 . C. ***** GASŸâŸËŸ¿¼î¼ç¼â¼ MTQŸ¼Ÿ°°Ÿi»¼ã»¼ *****
0178 +. DC 02-33 AOCU_MDRV-X_OFF
0179 +. DC 02-34 AOCU_MDRV-Y_OFF
0180 +. DC 02-35 AOCU_MDRV-Z_OFF
0181 . C. [ ] <A_AOS> [COMPONENT STS] <MDRV> X = OFF ?
0182 . C. [ ] <A_AOS> [COMPONENT STS] <MDRV> Y = OFF ?
0183 . C. [ ] <A_AOS> [COMPONENT STS] <MDRV> Z = OFF ?
0184 . C.
0185 . C.
0186 . C. j¼ŸÇ;¼Ÿ¿¼èÈÀ¼î¼ç¼â¼;ç¼î¼lminÂ¼ò¼;
0187 . C.
0188 . C. *****
0189 . C. MDRV ON
0190 . C. *****
0191 . C.
0192 . C. ***** MTQŸ¼Ÿ°°ŸE³¼ *****
0193 +. DC 02-32 AOCU_MDRV_ON
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0194 . C. [ ] <A_AOS> [COMPONENT STS] <MDRV> X = ON ?
0195 . C. [ ] <A_AOS> [COMPONENT STS] <MDRV> Y = ON ?
0196 . C. [ ] <A_AOS> [COMPONENT STS] <MDRV> Z = ON ?
0197 . C.
0198 . C.
0199 . C. ===== End of AOCs CMD Sequence =====
0200 . C.
0201 . C.
0202 . C. ***** MDP 'úÃîâî»ô¼ÝðÊÂð¹ñèDCBC•x²è *****
0203 . C. (¼ã°îÝÓÝÃÝÊÝÞÝËÝáÝçÝèñÊ¼ññ¼Ã»Û¹ñè)
0204 . S. DC-BC dcbc-402:DCBC
0205 (MDP_known_event)
0206 . C.
0207 . C.
0208 . C. ***** ÝÐÝ¹•İ Daily±¿İÑñÊ´Ø¹ñèDCBC•x²è *****
0209 . S. DC-BC dcbc-153:DCBC
0210 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0211 . C.
0212 . C.
0213 . C. ;ãLOSÝÁÝ§ÝÃÝ¬¼Ã»Û;ã
0214 . C.
0215 . C. ***** LOS *****
0216 . C.

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*** OP Sequence for XRT ***

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2022/11/17 11:32:00.0 AOCs_OrE-point_Start_1_OG [0x097]
                        AOCU_NM                    5 02-76 00 00 00 00 00
2022/11/17 11:33:30.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2022/11/17 11:33:32.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2022/11/17 11:33:34.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET         1 07-F0 da
2022/11/17 11:33:36.0 XRT_PREFLR_STRT_436_OG [0x1b4]
                        MDP_XRT_PREFLR_STRT       1 07-F0 e8
2022/11/17 11:36:44.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP       1 07-F0 e9
2022/11/17 11:40:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2022/11/17 11:40:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2022/11/17 11:40:58.0 XRT_FOCUS_POSITION_406_OG [0x196]
                        XRT_FOCUS_POSITION        4 07-F8 22 ff aa 00
2022/11/17 11:41:00.0 AOCs_OrE-point_Start_2_OG [0x098]
                        AOCU_NM                    5 02-76 00 57 74 01 db
2022/11/17 11:41:18.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA           1 07-F0 d8
2022/11/17 11:41:20.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA       1 07-F0 c8
2022/11/17 11:41:22.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET         1 07-F0 d0
2022/11/17 11:41:24.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS           1 07-F0 d5
2022/11/17 11:41:26.0 XRT_FLD_RESET_434_OG [0x1b2]
                        MDP_XRT_FLD_RESET         1 07-F0 da
2022/11/17 11:43:56.0 XRT_QT_PROG_SET_432_OG [0x1b0]
                        MDP_XRT_QT_PROG_SET       2 07-F0 c4 09
2022/11/17 11:43:58.0 XRT_FL_PROG_SET_418_OG [0x1a2]
                        MDP_XRT_FL_PROG_SET       2 07-F0 c5 04
2022/11/17 11:44:00.5 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO         1 07-F0 c0
2022/11/17 12:06:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2022/11/17 12:06:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2022/11/17 12:06:58.0 XRT_FOCUS_POSITION_406_OG [0x196]
                        XRT_FOCUS_POSITION        4 07-F8 22 ff aa 00
2022/11/17 12:07:00.0 AOCs_OrE-point_Start_3_OG [0x099]
                        AOCU_NM                    5 02-76 00 4e 97 01 db
2022/11/17 12:07:18.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA           1 07-F0 d8
2022/11/17 12:07:20.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA       1 07-F0 c8
2022/11/17 12:07:22.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET         1 07-F0 d0
2022/11/17 12:07:24.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS           1 07-F0 d5
2022/11/17 12:07:26.0 XRT_FLD_RESET_434_OG [0x1b2]
                        MDP_XRT_FLD_RESET         1 07-F0 da
2022/11/17 12:09:56.0 XRT_QT_PROG_SET_432_OG [0x1b0]
                        MDP_XRT_QT_PROG_SET       2 07-F0 c4 09
2022/11/17 12:09:58.0 XRT_FL_PROG_SET_418_OG [0x1a2]
                        MDP_XRT_FL_PROG_SET       2 07-F0 c5 04
2022/11/17 12:10:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO         1 07-F0 c0
2022/11/17 12:27:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2022/11/17 12:27:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2022/11/17 12:27:58.0 XRT_FOCUS_POSITION_406_OG [0x196]
                        XRT_FOCUS_POSITION        4 07-F8 22 ff aa 00
2022/11/17 12:28:00.0 AOCs_OrE-point_Start_4_OG [0x09a]
                        AOCU_NM                    5 02-76 00 45 b2 01 db
2022/11/17 12:28:18.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA           1 07-F0 d8
2022/11/17 12:28:20.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA       1 07-F0 c8
2022/11/17 12:28:22.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET         1 07-F0 d0
2022/11/17 12:28:24.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS           1 07-F0 d5
2022/11/17 12:28:26.0 XRT_FLD_RESET_434_OG [0x1b2]
                        MDP_XRT_FLD_RESET         1 07-F0 da
2022/11/17 12:30:56.0 XRT_QT_PROG_SET_432_OG [0x1b0]
                        MDP_XRT_QT_PROG_SET       2 07-F0 c4 09
2022/11/17 12:30:58.0 XRT_FL_PROG_SET_418_OG [0x1a2]
                        MDP_XRT_FL_PROG_SET       2 07-F0 c5 04
2022/11/17 12:31:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO         1 07-F0 c0
2022/11/17 12:48:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2022/11/17 12:48:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2022/11/17 12:48:58.0 XRT_FOCUS_POSITION_406_OG [0x196]
                        XRT_FOCUS_POSITION        4 07-F8 22 ff aa 00
2022/11/17 12:49:00.0 AOCs_OrE-point_Start_5_OG [0x09b]

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2022/11/17	12:49:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	3c	cc	01	db
			MDP_XRT_FLD_ENA	1	07-F0		d8			
2022/11/17	12:49:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
			MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2022/11/17	12:49:22.0	XRT_AEC_RESET_448_OG [0x1c0]								
			MDP_XRT_AEC_RESET	1	07-F0		d0			
2022/11/17	12:49:24.0	XRT_ARS_DIS_423_OG [0x1a7]								
			MDP_XRT_ARS_DIS	1	07-F0		d5			
2022/11/17	12:49:26.0	XRT_FLD_RESET_434_OG [0x1b2]								
			MDP_XRT_FLD_RESET	1	07-F0		da			
2022/11/17	12:51:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]								
			MDP_XRT_QT_PROG_SET	2	07-F0		c4	09		
2022/11/17	12:51:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]								
			MDP_XRT_FL_PROG_SET	2	07-F0		c5	04		
2022/11/17	12:52:00.0	XRT_CTRL_AUTO_408_OG [0x198]								
			MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2022/11/17	13:09:54.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0		c1			
2022/11/17	13:09:56.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0		c1			
2022/11/17	13:09:58.0	XRT_FOCUS_POSITION_406_OG [0x196]								
			XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2022/11/17	13:10:00.0	AOCS_ORe-point_Start_6_OG [0x09c]								
			AOCU_NM	5	02-76	00	33	e7	01	db
2022/11/17	13:10:18.0	XRT_FLD_ENA_411_OG [0x19b]								
			MDP_XRT_FLD_ENA	1	07-F0		d8			
2022/11/17	13:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
			MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2022/11/17	13:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]								
			MDP_XRT_AEC_RESET	1	07-F0		d0			
2022/11/17	13:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]								
			MDP_XRT_ARS_DIS	1	07-F0		d5			
2022/11/17	13:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]								
			MDP_XRT_FLD_RESET	1	07-F0		da			
2022/11/17	13:12:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]								
			MDP_XRT_QT_PROG_SET	2	07-F0		c4	09		
2022/11/17	13:12:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]								
			MDP_XRT_FL_PROG_SET	2	07-F0		c5	04		
2022/11/17	13:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]								
			MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2022/11/17	13:30:54.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0		c1			
2022/11/17	13:30:56.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0		c1			
2022/11/17	13:30:58.0	XRT_FOCUS_POSITION_406_OG [0x196]								
			XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2022/11/17	13:31:00.0	AOCS_ORe-point_Start_7_OG [0x09d]								
			AOCU_NM	5	02-76	00	2b	02	01	db
2022/11/17	13:31:18.0	XRT_FLD_ENA_411_OG [0x19b]								
			MDP_XRT_FLD_ENA	1	07-F0		d8			
2022/11/17	13:31:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
			MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2022/11/17	13:31:22.0	XRT_AEC_RESET_448_OG [0x1c0]								
			MDP_XRT_AEC_RESET	1	07-F0		d0			
2022/11/17	13:31:24.0	XRT_ARS_DIS_423_OG [0x1a7]								
			MDP_XRT_ARS_DIS	1	07-F0		d5			
2022/11/17	13:31:26.0	XRT_FLD_RESET_434_OG [0x1b2]								
			MDP_XRT_FLD_RESET	1	07-F0		da			
2022/11/17	13:33:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]								
			MDP_XRT_QT_PROG_SET	2	07-F0		c4	09		
2022/11/17	13:33:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]								
			MDP_XRT_FL_PROG_SET	2	07-F0		c5	04		
2022/11/17	13:34:00.0	XRT_CTRL_AUTO_408_OG [0x198]								
			MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2022/11/17	13:51:54.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0		c1			
2022/11/17	13:51:56.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0		c1			
2022/11/17	13:51:58.0	XRT_FOCUS_POSITION_406_OG [0x196]								
			XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2022/11/17	13:52:00.0	AOCS_ORe-point_Start_8_OG [0x09e]								
			AOCU_NM	5	02-76	00	22	24	01	db
2022/11/17	13:52:18.0	XRT_FLD_ENA_411_OG [0x19b]								
			MDP_XRT_FLD_ENA	1	07-F0		d8			
2022/11/17	13:52:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
			MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2022/11/17	13:52:22.0	XRT_AEC_RESET_448_OG [0x1c0]								
			MDP_XRT_AEC_RESET	1	07-F0		d0			
2022/11/17	13:52:24.0	XRT_ARS_DIS_423_OG [0x1a7]								
			MDP_XRT_ARS_DIS	1	07-F0		d5			
2022/11/17	13:52:26.0	XRT_FLD_RESET_434_OG [0x1b2]								
			MDP_XRT_FLD_RESET	1	07-F0		da			
2022/11/17	13:54:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]								
			MDP_XRT_QT_PROG_SET	2	07-F0		c4	09		
2022/11/17	13:54:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]								
			MDP_XRT_FL_PROG_SET	2	07-F0		c5	04		
2022/11/17	13:55:00.0	XRT_CTRL_AUTO_408_OG [0x198]								
			MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2022/11/17	14:12:54.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0		c1			
2022/11/17	14:12:56.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0		c1			

2022/11/17	14:12:58.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2022/11/17	14:13:00.0	AOCs_OrE-point_Start_9_OG [0x09f] AOCU_NM	5	02-76	00 19 3f 01 db
2022/11/17	14:13:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2022/11/17	14:13:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2022/11/17	14:13:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2022/11/17	14:13:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2022/11/17	14:13:26.0	XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/17	14:15:56.0	XRT_QT_PROG_SET_432_OG [0x1b0] MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2022/11/17	14:15:58.0	XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2022/11/17	14:16:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/17	14:33:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	14:33:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	14:33:58.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2022/11/17	14:34:00.0	AOCs_OrE-point_Start_10_OG [0x0a0] AOCU_NM	5	02-76	00 10 5a 01 db
2022/11/17	14:34:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2022/11/17	14:34:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2022/11/17	14:34:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2022/11/17	14:34:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2022/11/17	14:34:26.0	XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/17	14:36:56.0	XRT_QT_PROG_SET_432_OG [0x1b0] MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2022/11/17	14:36:58.0	XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2022/11/17	14:37:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/17	14:54:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	14:54:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	14:54:58.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2022/11/17	14:55:00.0	AOCs_OrE-point_Start_11_OG [0x0a1] AOCU_NM	5	02-76	00 07 74 01 db
2022/11/17	14:55:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2022/11/17	14:55:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2022/11/17	14:55:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2022/11/17	14:55:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2022/11/17	14:55:26.0	XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/17	14:57:56.0	XRT_QT_PROG_SET_432_OG [0x1b0] MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2022/11/17	14:57:58.0	XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2022/11/17	14:58:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/17	15:20:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	15:20:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	15:20:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/17	15:20:36.0	XRT_PREFLR_STRT_436_OG [0x1b4] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/11/17	15:23:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/11/17	15:28:30.0	XRT_Custom_430_OG [0x1ae]			
2022/11/17	15:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/17	15:29:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	15:29:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	15:29:58.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2022/11/17	15:30:00.0	AOCs_OrE-point_Start_12_OG [0x0a2] AOCU_NM	5	02-76	00 ff 75 01 db
2022/11/17	15:30:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2022/11/17	15:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8

2022/11/17	15:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2022/11/17	15:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2022/11/17	15:30:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/17	15:32:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2022/11/17	15:32:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2022/11/17	15:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/17	15:50:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	15:50:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	15:50:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2022/11/17	15:51:00.0	AOCS_OrE-point_Start_13_OG [0x0a3]	AOCU_NM	5	02-76	00 f6 98 01 db
2022/11/17	15:51:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2022/11/17	15:51:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2022/11/17	15:51:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2022/11/17	15:51:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2022/11/17	15:51:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/17	15:53:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2022/11/17	15:53:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2022/11/17	15:54:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/17	16:11:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	16:11:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	16:11:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2022/11/17	16:12:00.0	AOCS_OrE-point_Start_14_OG [0x0a4]	AOCU_NM	5	02-76	00 ed b3 01 db
2022/11/17	16:12:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2022/11/17	16:12:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2022/11/17	16:12:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2022/11/17	16:12:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2022/11/17	16:12:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/17	16:14:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2022/11/17	16:14:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2022/11/17	16:15:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/17	16:34:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	16:34:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2022/11/17	16:35:00.0	AOCS_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00 00 00 00 00
2022/11/17	16:35:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2022/11/17	16:35:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2022/11/17	16:35:20.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5
2022/11/17	16:37:58.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2022/11/17	16:38:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/17	16:54:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	16:54:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	16:54:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/17	16:54:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/11/17	16:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/11/17	17:17:30.0	XRT_Custom_430_OG [0x1ae]				
2022/11/17	17:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/17	17:18:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	17:18:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1

2022/11/17	17:18:58.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2022/11/17	17:19:00.0	AOCS_Ore-point_Start_15_OG [0x0a5] AOCU_NM	5	02-76	00	e4	cd	01 db
2022/11/17	17:19:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0		d8		
2022/11/17	17:19:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8		
2022/11/17	17:19:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0		d0		
2022/11/17	17:19:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5		
2022/11/17	17:19:26.0	XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET	1	07-F0		da		
2022/11/17	17:21:56.0	XRT_QT_PROG_SET_432_OG [0x1b0] MDP_XRT_QT_PROG_SET	2	07-F0	c4	09		
2022/11/17	17:21:58.0	XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET	2	07-F0	c5	04		
2022/11/17	17:22:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2022/11/17	17:39:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2022/11/17	17:39:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2022/11/17	17:39:58.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2022/11/17	17:40:00.0	AOCS_Ore-point_Start_16_OG [0x0a6] AOCU_NM	5	02-76	00	db	e8	01 db
2022/11/17	17:40:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0		d8		
2022/11/17	17:40:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8		
2022/11/17	17:40:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0		d0		
2022/11/17	17:40:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5		
2022/11/17	17:40:26.0	XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET	1	07-F0		da		
2022/11/17	17:42:56.0	XRT_QT_PROG_SET_432_OG [0x1b0] MDP_XRT_QT_PROG_SET	2	07-F0	c4	09		
2022/11/17	17:42:58.0	XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET	2	07-F0	c5	04		
2022/11/17	17:43:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2022/11/17	18:00:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2022/11/17	18:00:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2022/11/17	18:00:58.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2022/11/17	18:01:00.0	AOCS_Ore-point_Start_17_OG [0x0a7] AOCU_NM	5	02-76	00	d3	03	01 db
2022/11/17	18:01:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0		d8		
2022/11/17	18:01:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8		
2022/11/17	18:01:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0		d0		
2022/11/17	18:01:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5		
2022/11/17	18:01:26.0	XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET	1	07-F0		da		
2022/11/17	18:03:56.0	XRT_QT_PROG_SET_432_OG [0x1b0] MDP_XRT_QT_PROG_SET	2	07-F0	c4	09		
2022/11/17	18:03:58.0	XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET	2	07-F0	c5	04		
2022/11/17	18:04:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2022/11/17	18:30:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2022/11/17	18:30:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2022/11/17	18:30:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0		da		
2022/11/17	18:30:36.0	XRT_PREFLR_STRT_436_OG [0x1b4] MDP_XRT_PREFLR_STRT	1	07-F0		e8		
2022/11/17	18:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0		e9		
2022/11/17	18:54:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2022/11/17	18:54:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2022/11/17	18:54:58.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2022/11/17	18:55:00.0	AOCS_Ore-point_Start_18_OG [0x0a8] AOCU_NM	5	02-76	00	ca	25	01 db
2022/11/17	18:55:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0		d8		
2022/11/17	18:55:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8		
2022/11/17	18:55:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0		d0		
2022/11/17	18:55:24.0	XRT_ARS_DIS_423_OG [0x1a7]						

2022/11/17	18:55:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2022/11/17	18:57:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/17	18:57:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2022/11/17	18:58:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2022/11/17	19:15:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/17	19:15:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	19:15:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	19:16:00.0	AOCS_OrE-point_Start_19_OG [0x0a9]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2022/11/17	19:16:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 c1 40 01 db
2022/11/17	19:16:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2022/11/17	19:16:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2022/11/17	19:16:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2022/11/17	19:16:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2022/11/17	19:18:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/17	19:18:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2022/11/17	19:19:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2022/11/17	19:36:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/17	19:36:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	19:36:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	19:37:00.0	AOCS_OrE-point_Start_20_OG [0x0aa]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2022/11/17	19:37:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 b8 5b 01 db
2022/11/17	19:37:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2022/11/17	19:37:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2022/11/17	19:37:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2022/11/17	19:37:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2022/11/17	19:39:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/17	19:39:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2022/11/17	19:40:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2022/11/17	20:07:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/17	20:07:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	20:07:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	20:07:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/17	20:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/11/17	20:31:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/11/17	20:31:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	20:31:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	20:32:00.0	AOCS_OrE-point_Start_21_OG [0x0ab]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2022/11/17	20:32:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 af 75 01 db
2022/11/17	20:32:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2022/11/17	20:32:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2022/11/17	20:32:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2022/11/17	20:32:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2022/11/17	20:34:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/17	20:34:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2022/11/17	20:35:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2022/11/17	20:52:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1

2022/11/17	20:52:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	20:52:58.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2022/11/17	20:53:00.0	AOCS_ORe-point_Start_22_OG [0x0ac] AOCU_NM	5	02-76	03 03 74 01 db
2022/11/17	20:53:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2022/11/17	20:53:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2022/11/17	20:53:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2022/11/17	20:53:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2022/11/17	20:53:26.0	XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/17	20:55:56.0	XRT_QT_PROG_SET_431_OG [0x1af] MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2022/11/17	20:55:58.0	XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2022/11/17	20:56:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/17	21:44:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	21:44:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	21:44:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/17	21:44:36.0	XRT_PREFLR_STRT_436_OG [0x1b4] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/11/17	21:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/11/17	22:08:00.0	XRT_Custom_430_OG [0x1ae]			
2022/11/17	22:09:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/17	23:22:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	23:22:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/17	23:22:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/17	23:22:06.0	XRT_PREFLR_STRT_436_OG [0x1b4] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/11/17	23:25:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/11/17	23:43:30.0	XRT_Custom_430_OG [0x1ae]			
2022/11/17	23:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/18	00:59:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/18	00:59:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/18	00:59:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/18	00:59:06.0	XRT_PREFLR_STRT_436_OG [0x1b4] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/11/18	01:02:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/11/18	01:08:00.0	XRT_Custom_430_OG [0x1ae]			
2022/11/18	01:09:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/18	02:24:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/18	02:24:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/18	02:24:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/18	02:24:07.0	XRT_PREFLR_STRT_436_OG [0x1b4] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/11/18	02:27:15.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/11/18	02:42:00.0	XRT_Custom_430_OG [0x1ae]			
2022/11/18	02:43:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/11/18	03:57:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/18	03:57:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/18	03:57:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2022/11/18	03:57:36.0	XRT_PREFLR_STRT_436_OG [0x1b4] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/11/18	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/18	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/11/18	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2022/11/18	04:00:00.0	AOCS_ORe-point_Start_1_OG [0x097] AOCU_NM	5	02-76	00 00 00 00 00
2022/11/18	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2022/11/18	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			

2022/11/18	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2022/11/18	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2022/11/18	04:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2022/11/18	04:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/18	04:02:56.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/11/18	04:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07
2022/11/18	04:18:30.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04
2022/11/18	04:19:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2022/11/18	05:27:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/18	05:27:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/18	05:27:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/18	05:27:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/18	05:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/11/18	05:56:00.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/11/18	05:57:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2022/11/18	06:04:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/18	06:04:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/18	06:05:16.0	XRT_FLD_DIS_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2022/11/18	06:05:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2022/11/18	06:05:20.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2022/11/18	06:07:58.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2022/11/18	06:08:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b
2022/11/18	06:14:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/18	06:14:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/18	06:14:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/18	06:15:00.0	AOCS_OrE-point_Start_22_OG [0x0ac]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2022/11/18	06:15:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	03 03 74	01 db
2022/11/18	06:15:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2022/11/18	06:15:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2022/11/18	06:15:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2022/11/18	06:15:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2022/11/18	06:17:56.0	XRT_QT_PROG_SET_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/18	06:17:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0c
2022/11/18	06:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04
2022/11/18	07:07:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/18	07:07:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/18	07:07:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/18	07:07:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/18	07:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/11/18	07:33:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/11/18	07:34:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2022/11/18	08:48:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/18	08:48:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/18	08:48:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/18	08:48:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/18	08:51:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/11/18	09:10:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/11/18	09:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	

2022/11/18	10:27:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/18	10:27:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/18	10:27:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/18	10:27:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/11/18	10:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/11/18	10:45:00.0	XRT_Custom_430_OG [0x1ae]					
2022/11/18	10:46:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/18	15:53:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/18	15:53:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/18	15:53:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/18	15:53:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/11/18	15:56:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/11/18	16:05:30.0	XRT_Custom_430_OG [0x1ae]					
2022/11/18	16:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/18	17:28:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/18	17:28:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/18	17:28:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/18	17:28:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/11/18	17:31:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/11/18	17:52:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/18	17:52:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2022/11/18	17:53:00.0	AOCS_Or-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00 00 00 00 00	
2022/11/18	17:53:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2022/11/18	17:53:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2022/11/18	17:53:20.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2022/11/18	17:55:58.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b	
2022/11/18	17:56:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/18	18:02:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/18	18:02:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/18	18:02:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2022/11/18	18:03:00.0	AOCS_Or-point_Start_22_OG [0x0ac]	AOCU_NM	5	02-76	03 03 74 01 db	
2022/11/18	18:03:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2022/11/18	18:03:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2022/11/18	18:03:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2022/11/18	18:03:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2022/11/18	18:03:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/18	18:05:56.0	XRT_QT_PROG_SET_431_OG [0x1af]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c	
2022/11/18	18:05:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2022/11/18	18:06:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/18	19:05:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/18	19:05:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/18	19:05:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/11/18	19:05:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/11/18	19:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/11/18	19:29:00.0	XRT_Custom_430_OG [0x1ae]					
2022/11/18	19:30:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/11/18	20:42:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/11/18	20:42:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	

2022/11/18	20:42:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2022/11/18	20:42:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2022/11/18	20:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2022/11/18	21:05:30.0	XRT_Custom_430_OG [0x1ae]						
2022/11/18	21:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/11/18	22:19:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/18	22:19:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/18	22:19:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2022/11/18	22:19:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2022/11/18	22:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2022/11/18	22:42:30.0	XRT_Custom_430_OG [0x1ae]						
2022/11/18	22:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/11/18	23:57:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/18	23:57:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/18	23:57:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2022/11/18	23:57:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2022/11/18	23:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/18	23:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/18	23:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2022/11/19	00:00:00.0	AOCS_ORe-point_Start_23_OG [0x0ad]	AOCU_NM	5	02-76	02 03 74 01 db		
2022/11/19	00:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2022/11/19	00:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2022/11/19	00:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2022/11/19	00:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2022/11/19	00:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2022/11/19	00:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2022/11/19	00:02:56.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a		
2022/11/19	00:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2022/11/19	00:17:00.0	XRT_Custom_430_OG [0x1ae]						
2022/11/19	00:18:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/11/19	01:34:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/19	01:34:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/19	01:34:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2022/11/19	01:34:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2022/11/19	01:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2022/11/19	01:41:00.0	XRT_Custom_430_OG [0x1ae]						
2022/11/19	01:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/11/19	02:56:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/19	02:56:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/19	02:56:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2022/11/19	02:56:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2022/11/19	02:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2022/11/19	03:16:30.0	XRT_Custom_430_OG [0x1ae]						
2022/11/19	03:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/11/19	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/19	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/19	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2022/11/19	04:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00 00 00 00 00		
2022/11/19	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		

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2022/11/19	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2022/11/19	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2022/11/19	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2022/11/19	04:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2022/11/19	04:02:56.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07	
2022/11/19	04:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04	
2022/11/19	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/11/19	04:29:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/19	04:29:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/19	04:29:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2022/11/19	04:29:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2022/11/19	04:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2022/11/19	04:53:30.0	XRT_Custom_430_OG [0x1ae]						
2022/11/19	04:54:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/11/19	05:36:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/19	05:36:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00	
2022/11/19	05:37:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2022/11/19	05:37:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2022/11/19	05:37:20.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2022/11/19	05:39:58.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b	
2022/11/19	05:40:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/11/19	05:47:00.0	AOCS_Ore-point_Start_22_OG [0x0ac]	AOCU_NM	5	02-76	03	03 74 01 db	
2022/11/19	05:56:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/19	05:56:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/19	05:56:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00	
2022/11/19	05:57:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2022/11/19	05:57:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2022/11/19	05:57:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2022/11/19	05:57:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2022/11/19	05:57:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2022/11/19	05:59:56.0	XRT_QT_PROG_SET_431_OG [0x1af]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0c	
2022/11/19	05:59:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04	
2022/11/19	06:00:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/11/19	06:03:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/19	06:03:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/19	06:03:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2022/11/19	06:03:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2022/11/19	06:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2022/11/19	06:31:00.0	XRT_Custom_430_OG [0x1ae]						
2022/11/19	06:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/11/19	07:43:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/19	07:43:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/11/19	07:43:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2022/11/19	07:43:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2022/11/19	07:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2022/11/19	08:08:00.0	XRT_Custom_430_OG [0x1ae]						
2022/11/19	08:09:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/11/19	09:23:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		

2022/11/19	09:23:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/11/19	09:23:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2022/11/19	09:23:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2022/11/19	09:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2022/11/19	09:44:30.5	XRT_Custom_430_OG [0x1ae]							
2022/11/19	09:45:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2022/11/19	11:04:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/11/19	11:04:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/11/19	11:04:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2022/11/19	11:04:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2022/11/19	11:07:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2022/11/19	11:17:00.0	XRT_Custom_430_OG [0x1ae]							
2022/11/19	11:18:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2022/11/19	11:20:00.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/11/19	11:38:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 00 00 00 00				