

# XRT Timeline to be uploaded on 2020/12/22

Period: 2020/12/22 11:52:00 - 2020/12/30 10:01:00

\* \* \* \* \*

Normal mode

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## XOB #1C2B: AR (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 512x512 at 1064 1048, thick-Al context, with G-band (1ms/1ms leak), 90s

Term	Pointing (x, y)	Comment
12/22 12:05:00 - 12/22 17:59:54	Track ( -841.1, -295.5) <sup>Ⓜ 12/22 12:02:00</sup>	# OP start + 10min, AR12794 obs.
<b>PROG= 07 Inf.-time(s)</b>		
└─ Subr= 1 1-time(s) 2.0sec		
└─ Seqn= 92 1-time(s) 2.0sec		
└─ Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 384x384 (1064, 1048)	DPCM 0 0 2.0sec
└─ Open/G-band	Open/G-band close Safe Norm 1ms Obs 1x1 384x384 (1064, 1048)	DPCM 0 0 2.0sec
└─ Open/Ti-poly	Open/thick-Al close Safe Dark 16.0s Obs 1x1 384x384 (1064, 1048)	Q=98 0 0 2.0sec
└─ Seqn= 71 3-time(s) 2.0sec		
└─ Open/thick-Al	Open/thick-Be close Safe Norm 16.0s Obs 1x1 512x512 (1064, 1048)	Q=98 3 0 2.0sec
└─ Subr= 2 60-time(s) 90.0sec		
└─ Seqn= 94 1-time(s) 40.0sec		
└─ Al-poly/Open	thin-Be/Open close Safe Norm 250ms Obs 1x1 512x512 (1064, 1048)	Q=95 2 0 2.0sec
└─ Al-poly/Open	thin-Be/Open close Safe Norm 250ms Obs 1x1 512x512 (1064, 1048)	Q=95 3 0 2.0sec
└─ thin-Be/Open	med-Be/Open close Safe Norm 500ms Obs 1x1 512x512 (1064, 1048)	Q=95 2 0 2.0sec
└─ thin-Be/Open	med-Be/Open close Safe Norm 500ms Obs 1x1 512x512 (1064, 1048)	Q=95 3 0 2.0sec
└─ Seqn= 58 1-time(s) 40.0sec		
└─ Al-poly/Open	thin-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 1 2.0sec
└─ thin-Be/Open	med-Be/Open close Safe Norm 1.00s Obs 1x1 384x384 (1064, 1048)	Q=95 3 1 2.0sec
└─ Seqn= 48 1-time(s) 2.0sec		
└─ Al-poly/Open	thin-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 2 2.0sec
└─ thin-Be/Open	med-Be/Open close Safe Norm 1.00s Obs 1x1 384x384 (1064, 1048)	Q=95 3 2 2.0sec
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center)	Comp. AEC Buffer Interval

## XOB #1C9E: Synoptic Q95 2x2 - Al/mesh(24/256/2897) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(45/512/4096) + T

Term	Pointing (x, y)	Comment
12/22 18:03:00 - 12/22 18:09:54	Fixed ( 0.0, 0.0)	synoptic
12/23 06:04:00 - 12/23 06:12:24	Fixed ( 0.0, 0.0)	HOP349 + synoptic
12/23 18:07:00 - 12/23 18:13:54	Fixed ( 0.0, 0.0)	synoptic, shifted 4.0 min
12/24 18:26:30 - 12/24 18:33:24	Fixed ( 0.0, 0.0)	synoptic, shifted 23.5 min
12/25 05:56:24 - 12/25 06:03:24	Fixed ( 0.0, 0.0)	HOP 349 + synoptic
12/25 18:03:00 - 12/25 18:09:54	Fixed ( 0.0, 0.0)	synoptic
12/26 07:04:30 - 12/26 07:12:00	Fixed ( 0.0, 0.0)	HOP349 + synoptic
12/26 18:00:00 - 12/26 18:06:54	Fixed ( 0.0, 0.0)	synoptic, shifted -3.0 min

<b>PROG= 18 1-time(s)</b>		
└─ 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= 1 1-time(s) 2.0sec		
└─ Open/Al-mesh	Open/Al-mesh close Safe Norm 24ms Obs 2x2 2048x2048 (1024, 1024)	Q=95 0 0 2.0sec
└─ Open/Al-mesh	Open/Al-mesh close Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024)	Q=95 0 0 2.0sec
└─ Open/Al-mesh	Open/Al-mesh close Safe Norm 2.83s Obs 2x2 2048x2048 (1024, 1024)	Q=95 0 0 2.0sec
└─ Seqn= 99 1-time(s) 2.0sec		
└─ Al-poly/Open	Al-poly/Open close Safe Norm 44ms Obs 2x2 2048x2048 (1024, 1024)	Q=95 0 0 2.0sec
└─ Al-poly/Open	Al-poly/Open close Safe Norm 500ms 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= 84 1-time(s) 2.0sec		
└─ thin-Be/Open	thin-Be/Open close Safe Norm 354ms 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
└─ thin-Be/Open	thin-Be/Open close Safe Norm 16.0s 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 #1C20: AR (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 512x512 at 1064 1048, thick-Al context, with G-band (1ms/1ms leak), 120s

Term	Pointing (x, y)	Comment
12/22 18:13:00 - 12/23 01:59:54	Track ( -813.0, -293.7) <sup>Ⓜ 12/22 18:10:00</sup>	AR12794 obs
12/23 18:17:00 - 12/24 01:59:54	Track ( -677.1, -286.9) <sup>Ⓜ 12/23 18:14:00</sup>	AR12794 obs
12/24 05:47:00 - 12/24 12:59:54	Track ( -599.4, -283.8) <sup>Ⓜ 12/24 05:44:00</sup>	AR12794 obs
12/24 18:36:30 - 12/25 01:55:30	Track ( -504.3, -280.5) <sup>Ⓜ 12/24 18:33:30</sup>	AR12794 obs
12/25 06:06:30 - 12/25 13:29:54	Track ( -412.8, -277.9) <sup>Ⓜ 12/25 06:03:30</sup>	AR12794 obs
12/25 18:13:00 - 12/25 23:59:54	Track ( -311.3, -275.4) <sup>Ⓜ 12/25 18:10:00</sup>	AR12794 obs

<b>PROG= 03 Inf.-time(s)</b>		
└─ 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
<b>Seqn= 71</b>		<b>3-time(s)</b>	<b>2.0sec</b>									
Open/thick-Al	Open/thick-Be	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1064, 1048)	Q=98	3	0	2.0sec
<b>Subr= 2</b>		<b>60-time(s)</b>	<b>120.0sec</b>									
<b>Seqn= 94</b>		<b>1-time(s)</b>	<b>40.0sec</b>									
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	512x512 (1064, 1048)	Q=95	2	0	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	2	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
<b>Seqn= 58</b>		<b>1-time(s)</b>	<b>40.0sec</b>									
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
<b>Seqn= 48</b>		<b>1-time(s)</b>	<b>2.0sec</b>									
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

**XOB #1C30: HOP349 - 3-filter Synoptics (Al-mesh[64/512/2897], Al-poly[181/1024/8192], thin-Be[1024/11571/23142] with 512x512 G-band 1ms+Leak - 50min**

Term	Pointing (x, y)	Comment
12/23 02:03:00 - 12/23 06:03:30	Fixed ( 0.0, 0.0)	HOP349 + synoptic
12/24 02:03:00 - 12/24 05:33:54	Fixed ( 0.0, 0.0)	HOP349 + synoptic
12/25 02:12:30 - 12/25 05:55:54	Fixed ( 0.0, 0.0)	HOP 349 + synoptic
12/26 03:03:00 - 12/26 07:04:00	Fixed ( 0.0, 0.0)	HOP349 + synoptic
12/27 02:03:00 - 12/27 05:36:00	Fixed ( 0.0, 0.0)	HOP349 + synoptic

**PROG= 08 Inf.-time(s)**

<b>Subr= 1</b>		<b>1-time(s)</b>	<b>600.0sec</b>									
<b>Seqn= 36</b>		<b>1-time(s)</b>	<b>2.0sec</b>									
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 93</b>		<b>1-time(s)</b>	<b>2.0sec</b>									
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/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 33</b>		<b>1-time(s)</b>	<b>2.0sec</b>									
thin-Be/Open	thin-Be/Open	close	Safe	Norm	1.00s	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
thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 30</b>		<b>1-time(s)</b>	<b>2.0sec</b>									
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
<b>Subr= 2</b>		<b>4-time(s)</b>	<b>600.0sec</b>									
<b>Seqn= 8</b>		<b>1-time(s)</b>	<b>2.0sec</b>									
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
<b>Seqn= 6</b>		<b>1-time(s)</b>	<b>2.0sec</b>									
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
<b>Seqn= 29</b>		<b>1-time(s)</b>	<b>2.0sec</b>									
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 #1C91: AR (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 512x512 at 1064 1048, thick-Al context, with G-band (1ms/1ms leak), 180s**

Term	Pointing (x, y)	Comment
12/23 06:15:30 - 12/23 18:03:54	Track ( -749.9, -290.2) <sup>Ⓜ 12/23 06:12:30</sup>	AR12794 obs
12/24 15:03:00 - 12/24 18:00:00	Track ( -531.5, -281.4) <sup>Ⓜ 12/24 15:00:00</sup>	AR12794 obs
12/25 15:35:01 - 12/25 17:59:54	Track ( -334.0, -275.9) <sup>Ⓜ 12/25 15:30:00</sup>	AR12794 obs
12/26 07:38:30 - 12/26 12:29:54	Track ( -196.6, -273.2) <sup>Ⓜ 12/26 07:19:30</sup>	AR12794 obs
12/26 14:33:00 - 12/26 17:32:30	Track ( -132.7, -272.2) <sup>Ⓜ 12/26 14:30:00</sup>	AR12794 obs
12/26 18:10:00 - 12/27 01:59:54	Track ( -100.3, -271.8) <sup>Ⓜ 12/26 18:07:00</sup>	AR12794 obs

**PROG= 13 Inf.-time(s)**

<b>Subr= 1</b>		<b>1-time(s)</b>	<b>2.0sec</b>									
<b>Seqn= 92</b>		<b>1-time(s)</b>	<b>2.0sec</b>									
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
Open/thick-Al	Open/thick-Be	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1064, 1048)	Q=98	3	0	2.0sec
<b>Subr= 2</b>		<b>40-time(s)</b>	<b>180.0sec</b>									
<b>Seqn= 94</b>		<b>1-time(s)</b>	<b>40.0sec</b>									
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	512x512 (1064, 1048)	Q=95	2	0	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	2	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
<b>Seqn= 58</b>		<b>1-time(s)</b>	<b>40.0sec</b>									
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec

thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
<b>Seqn= 48 1-time(s) 2.0sec</b>												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

**XOB #1C9F: Synoptic 7 Filter w/ Al-mesh(24/256/2897), Al-poly(45/512/4096), Thin-Be(362/3897/16384) - Thick-Be(65536), Al-poly+Ti-poly(256/5795), Med-Al**

Term	Pointing (x, y)	Comment
12/24 05:34:24 - 12/24 05:43:54	Fixed ( 0.0, 0.0)	HOP349 + synoptic
12/27 05:40:30 - 12/27 05:51:02	Fixed ( 0.0, 0.0)	HOP349 + synoptic
<b>PROG= 14 1-time(s)</b>		
<b>Subr= 1 1-time(s) 2.0sec</b>		
<b>Seqn= 5 1-time(s) 2.0sec</b>		
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
<b>Seqn= 1 1-time(s) 2.0sec</b>		
Open/Al-mesh	Open/Al-mesh	close Safe Norm 24ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Al-mesh	Open/Al-mesh	close Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Al-mesh	Open/Al-mesh	close Safe Norm 2.83s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
<b>Seqn= 99 1-time(s) 2.0sec</b>		
Al-poly/Open	Al-poly/Open	close Safe Norm 44ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Al-poly/Open	Al-poly/Open	close Safe Norm 500ms 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
<b>Seqn= 84 1-time(s) 2.0sec</b>		
thin-Be/Open	thin-Be/Open	close Safe Norm 354ms 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
thin-Be/Open	thin-Be/Open	close Safe Norm 16.0s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
<b>Seqn= 23 1-time(s) 4.0sec</b>		
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
<b>Subr= 2 1-time(s) 2.0sec</b>		
<b>Seqn= 46 1-time(s) 2.0sec</b>		
Open/thick-Be	Open/thick-Be	close Safe Norm 64.0s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
<b>Seqn= 2 1-time(s) 2.0sec</b>		
med-Al/Open	med-Al/Open	close Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
med-Al/Open	med-Al/Open	close Safe Norm 64.0s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
<b>Seqn= 13 1-time(s) 2.0sec</b>		
Al-poly/Ti-poly	Al-poly/thick-Al	close Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close Safe Norm 5.66s 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 #1C9D: HOP408 - Al/poly and Al/mesh - 512x512, AEC2 30s-cadence, G-band - 384x384 1ms**

Term	Pointing (x, y)	Comment
12/24 13:03:00 - 12/24 14:59:54	Track ( 200.7, 62.6) @ 12/24 13:00:00	HOP408
12/25 13:33:00 - 12/25 15:24:00	Track ( 420.6, 61.8) @ 12/25 13:30:00	HOP408
12/26 12:33:00 - 12/26 14:29:54	Track ( 605.4, 58.8) @ 12/26 12:30:00	HOP408
<b>PROG= 11 Inf.-time(s)</b>		
<b>Subr= 1 1-time(s) 2.0sec</b>		
<b>Seqn= 16 2-time(s) 2.0sec</b>		
Open/G-band	Open/G-band	close Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec
<b>Subr= 2 1-time(s) 2.0sec</b>		
<b>Seqn= 90 1-time(s) 30.0sec</b>		
Open/G-band	Open/G-band	open Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec
<b>Subr= 3 30-time(s) 2.0sec</b>		
<b>Seqn= 31 1-time(s) 30.0sec</b>		
Al-poly/Open	Al-poly/Open	close Safe Norm 2.00s Obs 1x1 512x512 (1064, 1048) Q=90 2 0 2.0sec
Open/Al-mesh	Open/Al-mesh	close Safe Norm 2.00s Obs 1x1 512x512 (1064, 1048) Q=90 2 0 2.0sec
Default Filter	Thicker Filter	VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

**XOB #1C9A: HOP336 1-filter - Al/poly -384x384, 128ms and 2s, 60s-cadence, G-band - 384x384 1ms**

Term	Pointing (x, y)	Comment
12/26 00:03:00 - 12/26 02:59:54	Fixed ( -22.0, -39.0)	HOP393
<b>PROG= 02 Inf.-time(s)</b>		
<b>Subr= 1 1-time(s) 2.0sec</b>		
<b>Seqn= 16 2-time(s) 2.0sec</b>		
Open/G-band	Open/G-band	close Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec
<b>Subr= 2 1-time(s) 2.0sec</b>		
<b>Seqn= 90 1-time(s) 30.0sec</b>		
Open/G-band	Open/G-band	open Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec
<b>Subr= 3 15-time(s) 2.0sec</b>		
<b>Seqn= 60 1-time(s) 60.0sec</b>		
Al-poly/Open	Al-poly/Open	close Safe Norm 2.00s Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec
Al-poly/Open	Al-poly/thick-Al	close Safe Norm 125ms Obs 1x1 384x384 (1064, 1048) Q=90 0 0 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
12/22 12:05:00 - 12/22 17:59:54	Track ( -841.1, -295.5) @ 12/22 12:02:00	# OP start + 10min, AR12794 obs.
12/22 18:13:00 - 12/23 01:59:54	Track ( -813.0, -293.7) @ 12/22 18:10:00	AR12794 obs
12/23 02:03:00 - 12/23 06:03:30	Fixed ( 0.0, 0.0)	HOP349 + synoptic
12/23 06:15:30 - 12/23 18:03:54	Track ( -749.9, -290.2) @ 12/23 06:12:30	AR12794 obs
12/23 18:17:00 - 12/24 01:59:54	Track ( -677.1, -286.9) @ 12/23 18:14:00	AR12794 obs
12/24 02:03:00 - 12/24 05:33:54	Fixed ( 0.0, 0.0)	HOP349 + synoptic
12/24 05:47:00 - 12/24 12:59:54	Track ( -599.4, -283.8) @ 12/24 05:44:00	AR12794 obs
12/24 13:03:00 - 12/24 14:59:54	Track ( 200.7, 62.6) @ 12/24 13:00:00	HOP408
12/24 15:03:00 - 12/24 18:00:00	Track ( -531.5, -281.4) @ 12/24 15:00:00	AR12794 obs
12/24 18:36:30 - 12/25 01:55:30	Track ( -504.3, -280.5) @ 12/24 18:33:30	AR12794 obs
12/25 02:12:30 - 12/25 05:55:54	Fixed ( 0.0, 0.0)	HOP 349 + synoptic
12/25 06:06:30 - 12/25 13:29:54	Track ( -412.8, -277.9) @ 12/25 06:03:30	AR12794 obs
12/25 13:33:00 - 12/25 15:24:00	Track ( 420.6, 61.8) @ 12/25 13:30:00	HOP408
12/25 15:35:01 - 12/25 17:59:54	Track ( -334.0, -275.9) @ 12/25 15:30:00	AR12794 obs
12/25 18:13:00 - 12/25 23:59:54	Track ( -311.3, -275.4) @ 12/25 18:10:00	AR12794 obs
12/26 00:03:00 - 12/26 02:59:54	Fixed ( -22.0, -39.0)	HOP393
12/26 03:03:00 - 12/26 07:04:00	Fixed ( 0.0, 0.0)	HOP349 + synoptic
12/26 07:38:30 - 12/26 12:29:54	Track ( -196.6, -273.2) @ 12/26 07:19:30	AR12794 obs
12/26 12:33:00 - 12/26 14:29:54	Track ( 605.4, 58.8) @ 12/26 12:30:00	HOP408
12/26 14:33:00 - 12/26 17:32:30	Track ( -132.7, -272.2) @ 12/26 14:30:00	AR12794 obs
12/26 18:10:00 - 12/27 01:59:54	Track ( -100.3, -271.8) @ 12/26 18:07:00	AR12794 obs
12/27 02:03:00 - 12/27 05:36:00	Fixed ( 0.0, 0.0)	HOP349 + synoptic

#### 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	

\* \* \* \* \*

### Active Region Search

\* \* \* \* \*

NOT USED

\* \* \* \* \*

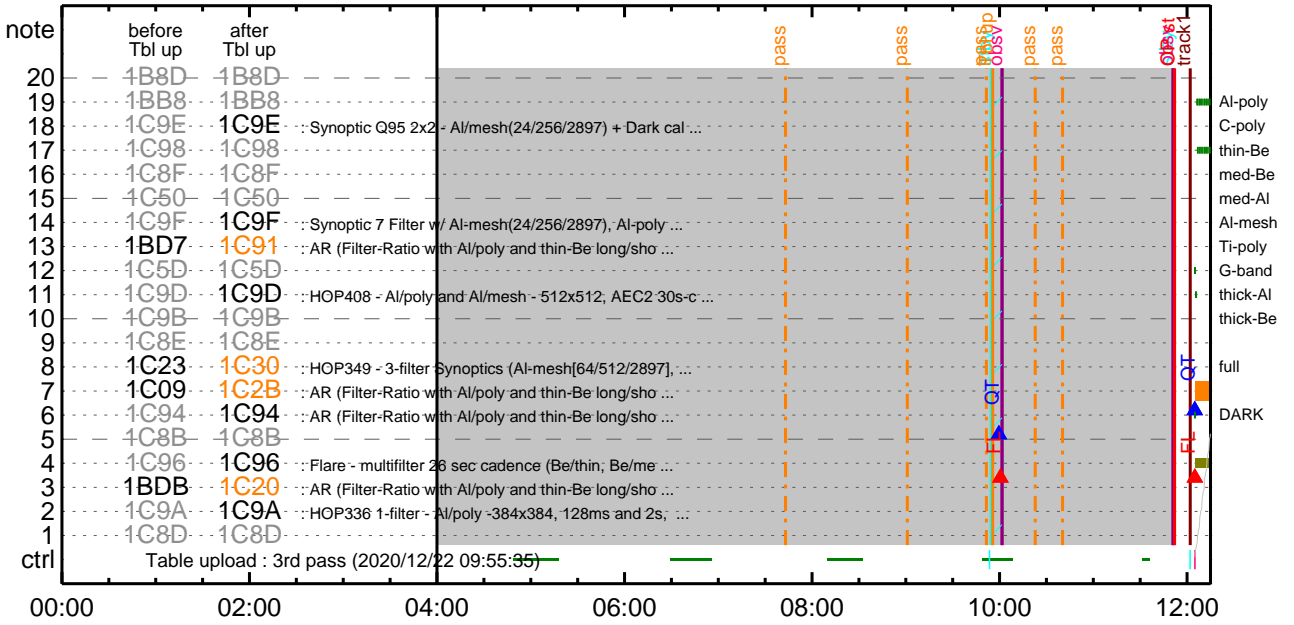
### Flare Detection

\* \* \* \* \*

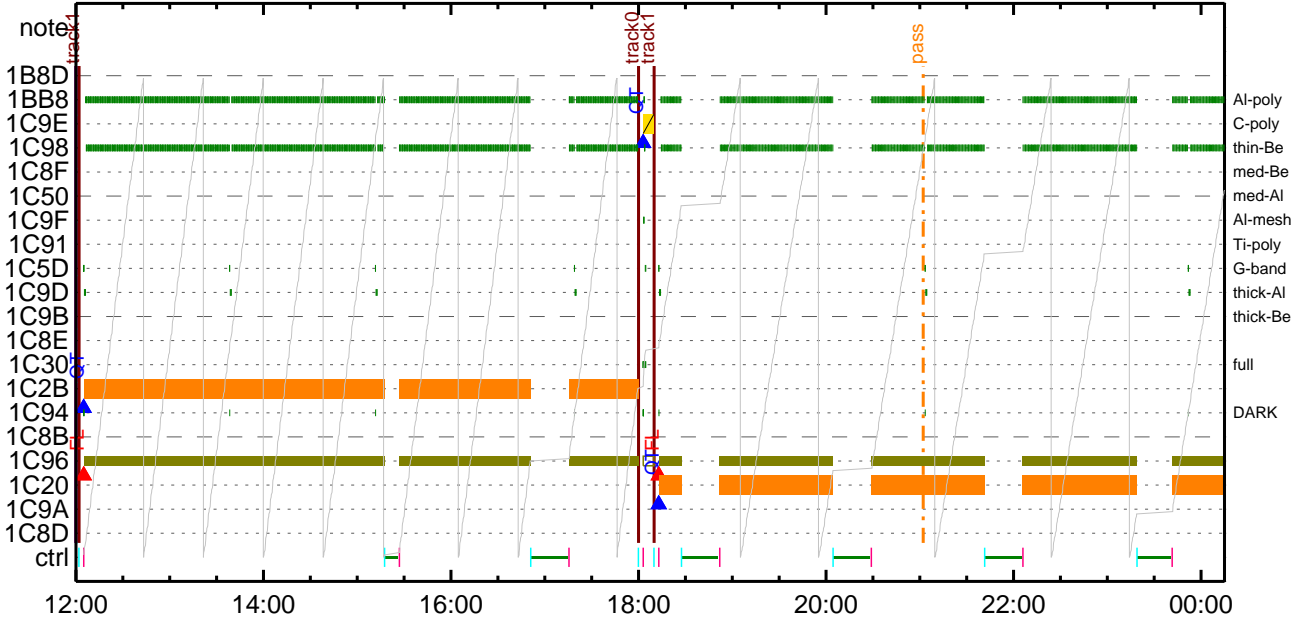
#### FLD Patrol

Term	Pointing (x, y)	Comment
12/22 18:10:16 - 12/23 06:03:52	Track ( -813.0, -293.7) @ 12/22 18:10:00	AR12794 obs
12/23 06:12:46 - 12/23 18:04:16	Track ( -749.9, -290.2) @ 12/23 06:12:30	AR12794 obs
12/23 18:14:16 - 12/24 05:34:16	Track ( -677.1, -286.9) @ 12/23 18:14:00	AR12794 obs
12/24 05:44:16 - 12/24 18:23:46	Track ( -599.4, -283.8) @ 12/24 05:44:00	AR12794 obs
12/24 18:33:46 - 12/25 05:56:16	Track ( -504.3, -280.5) @ 12/24 18:33:30	AR12794 obs
12/25 06:03:46 - 12/25 18:00:16	Track ( -412.8, -277.9) @ 12/25 06:03:30	AR12794 obs
12/25 18:10:16 - 12/26 07:04:22	Track ( -311.3, -275.4) @ 12/25 18:10:00	AR12794 obs
12/26 07:19:46 - 12/26 17:57:16	Track ( -196.6, -273.2) @ 12/26 07:19:30	AR12794 obs
12/26 18:07:16 - 12/27 05:40:22	Track ( -100.3, -271.8) @ 12/26 18:07:00	AR12794 obs
Al-poly/Open	Al-poly/Open close	Safe Norm 8ms Obs 8x8 Q=50 30sec
Default Filter	Thicker Filter	VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

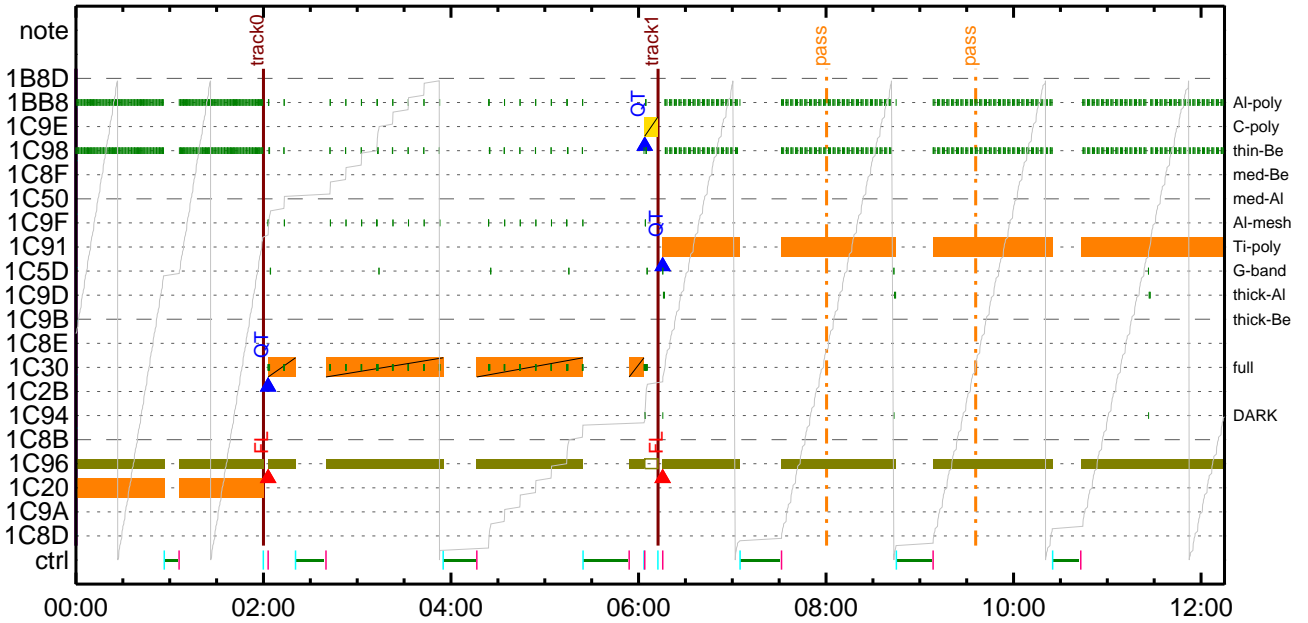
### CMDI #0360 2020/12/22



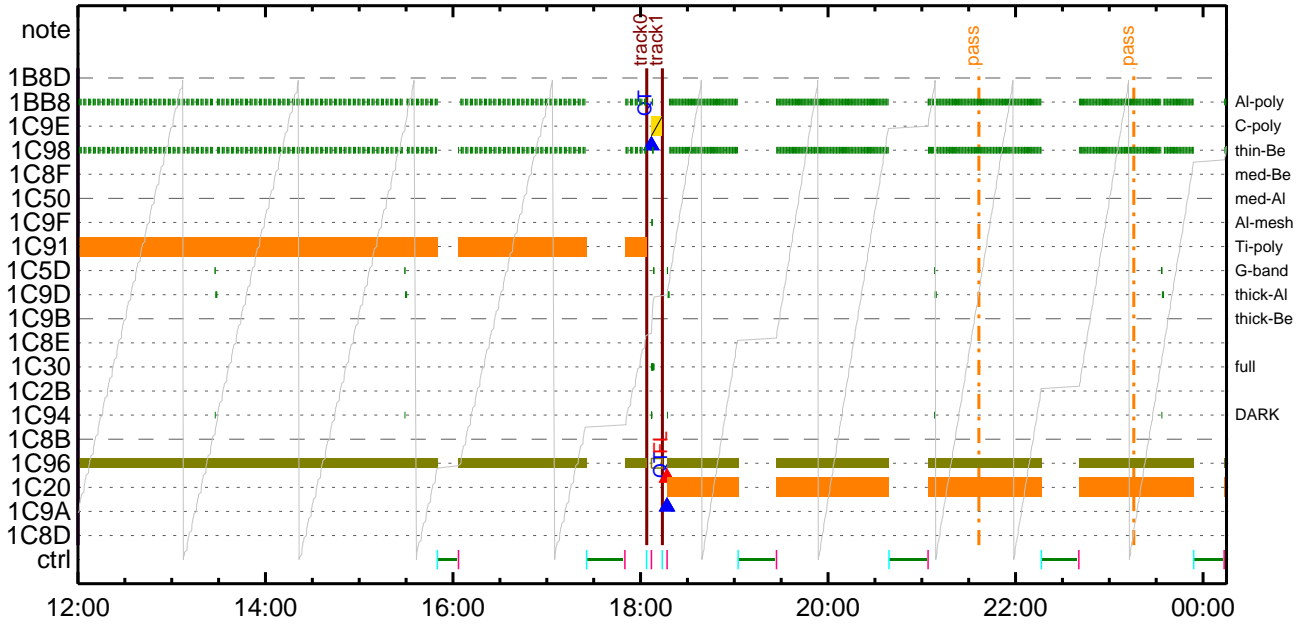
### CMDI #0360 2020/12/22



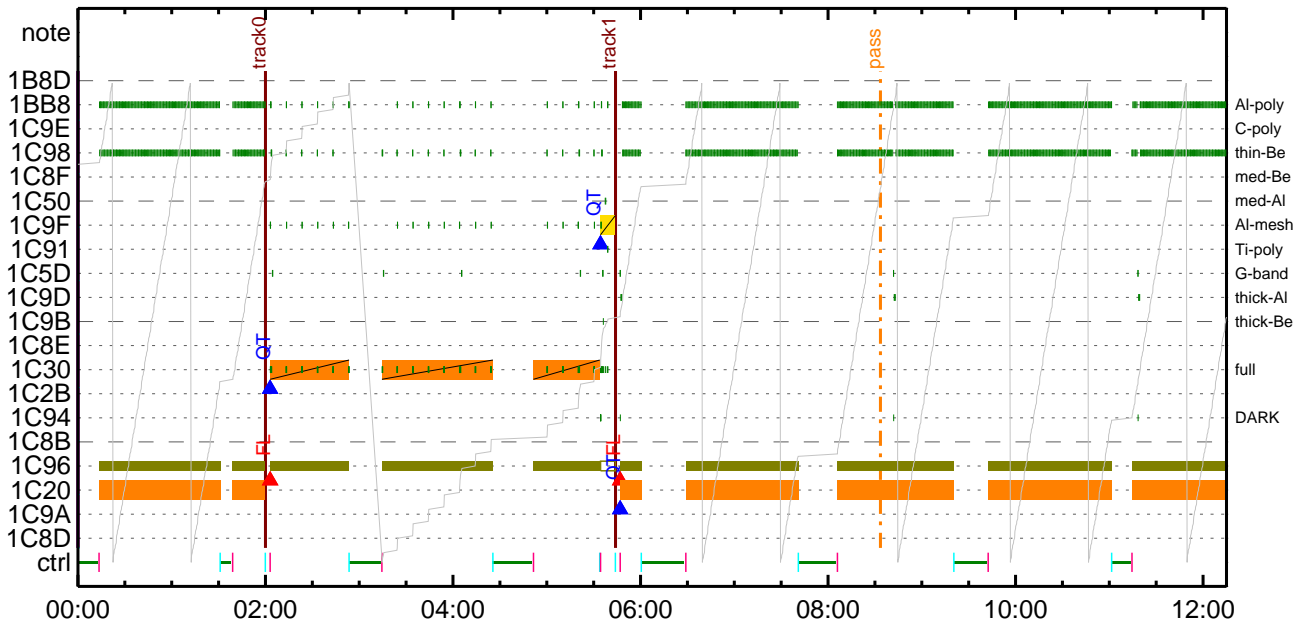
### CMDI #0360 2020/12/23



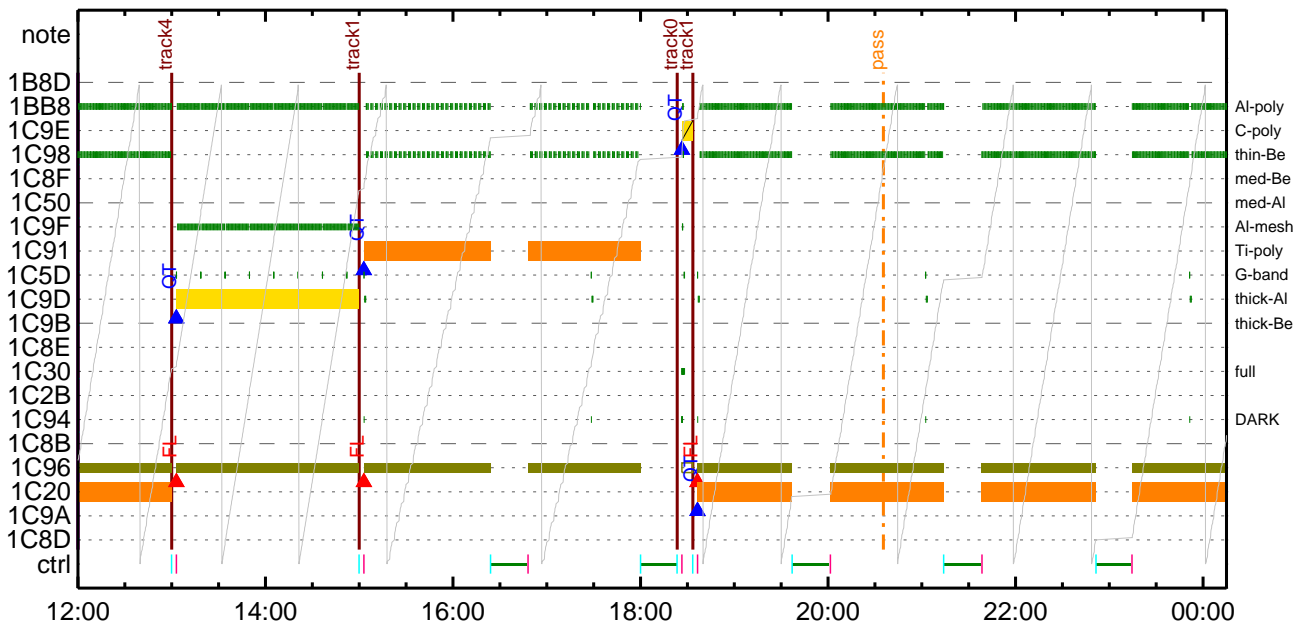
CMDI #0360 2020/12/23



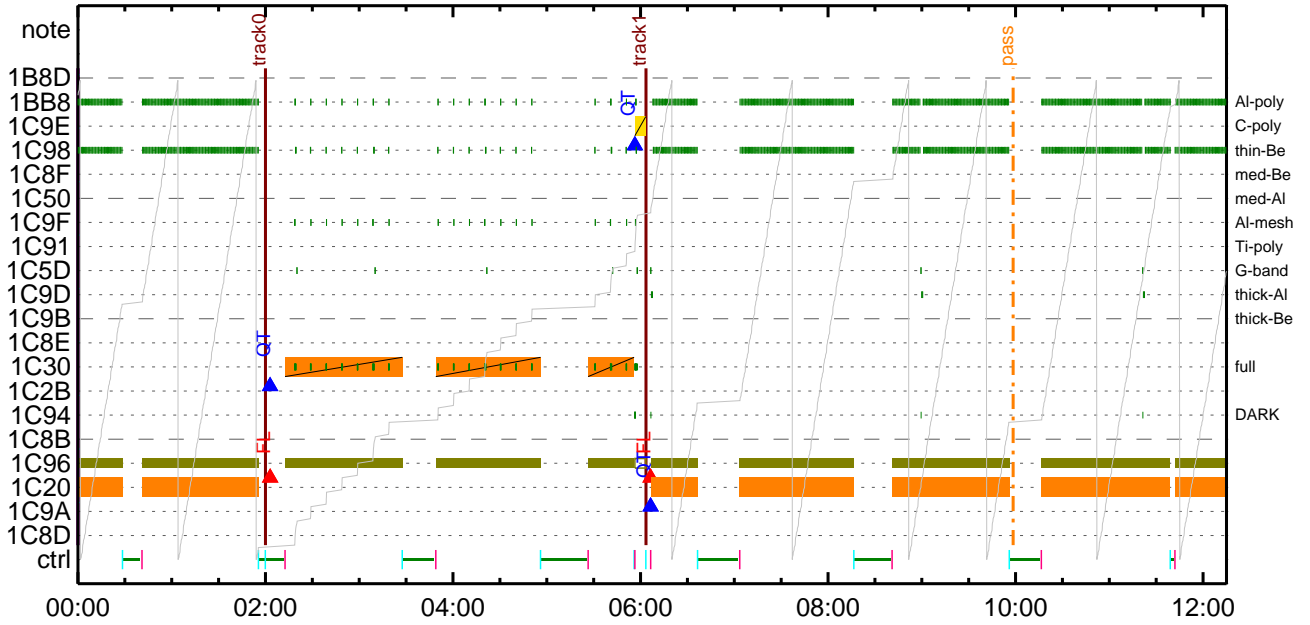
CMDI #0360 2020/12/24



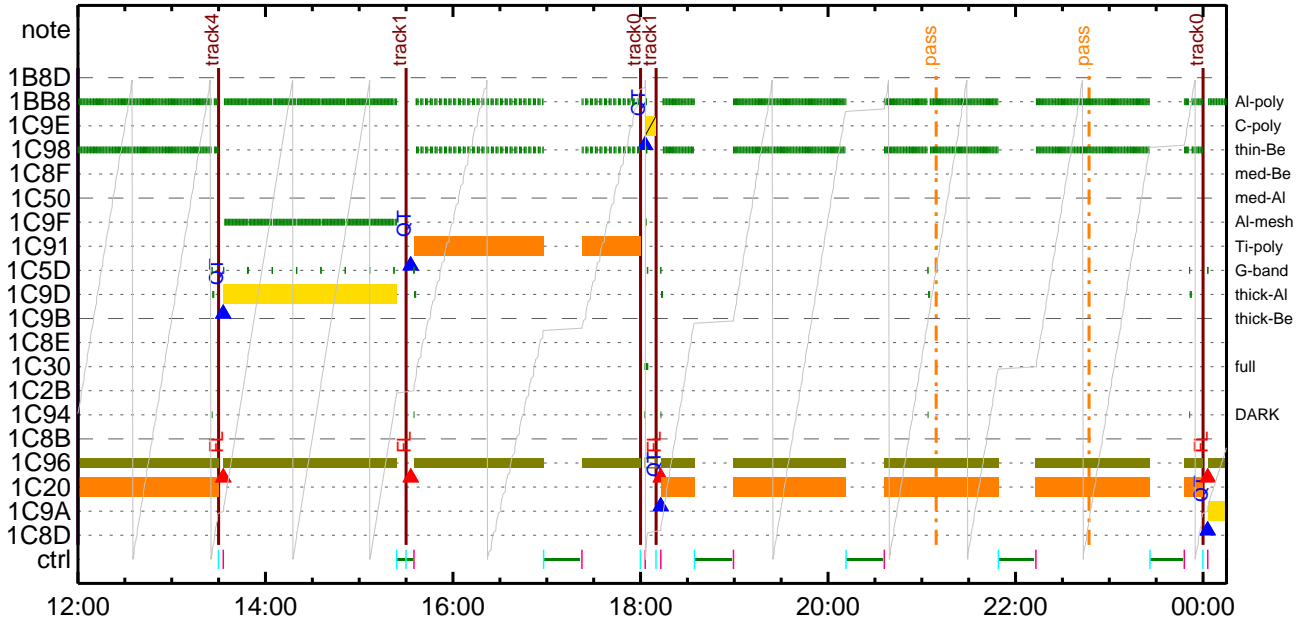
CMDI #0360 2020/12/24



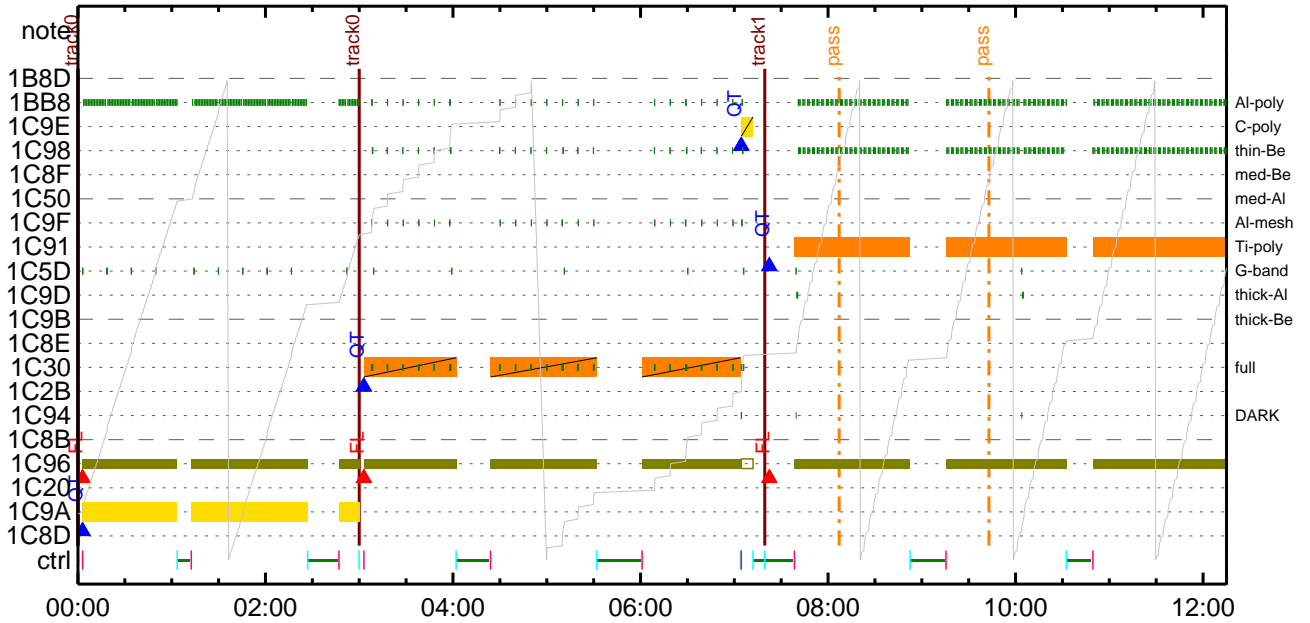
CMDI #0360 2020/12/25



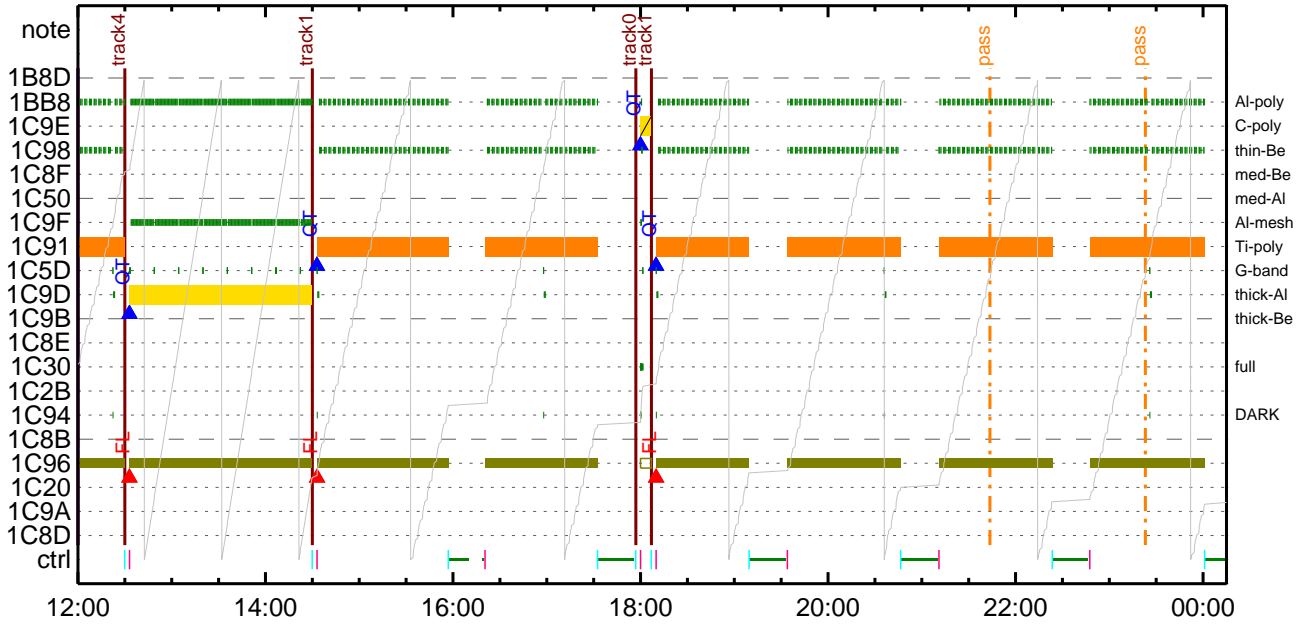
CMDI #0360 2020/12/25



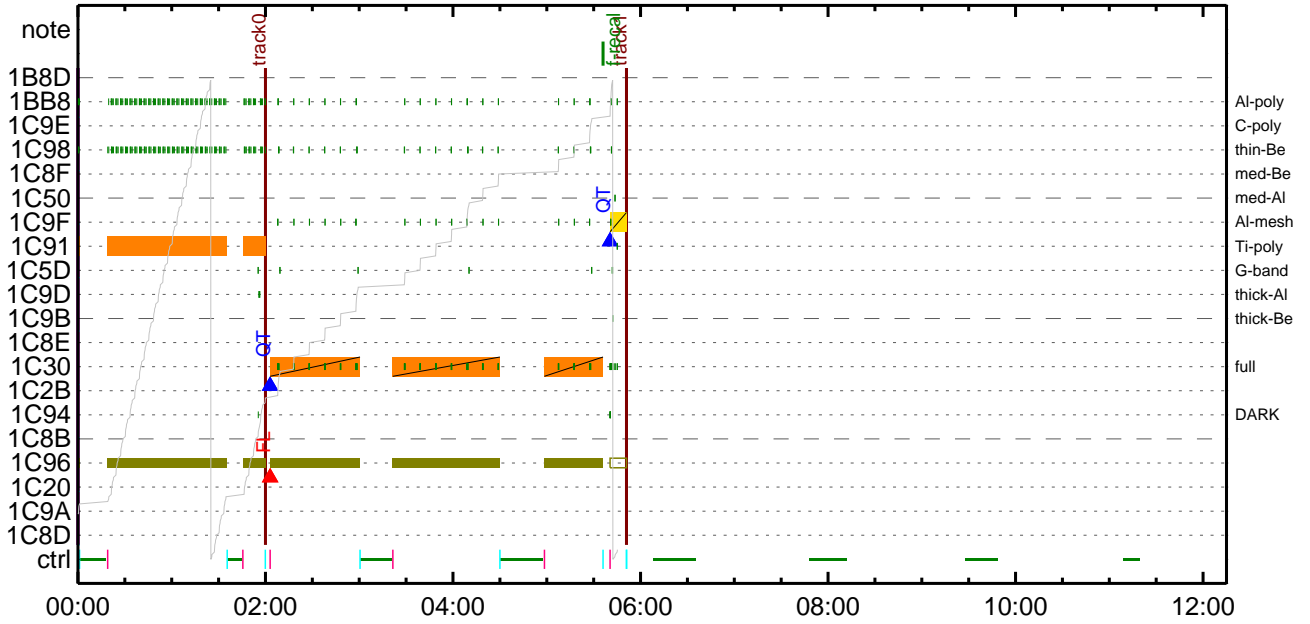
CMDI #0360 2020/12/26



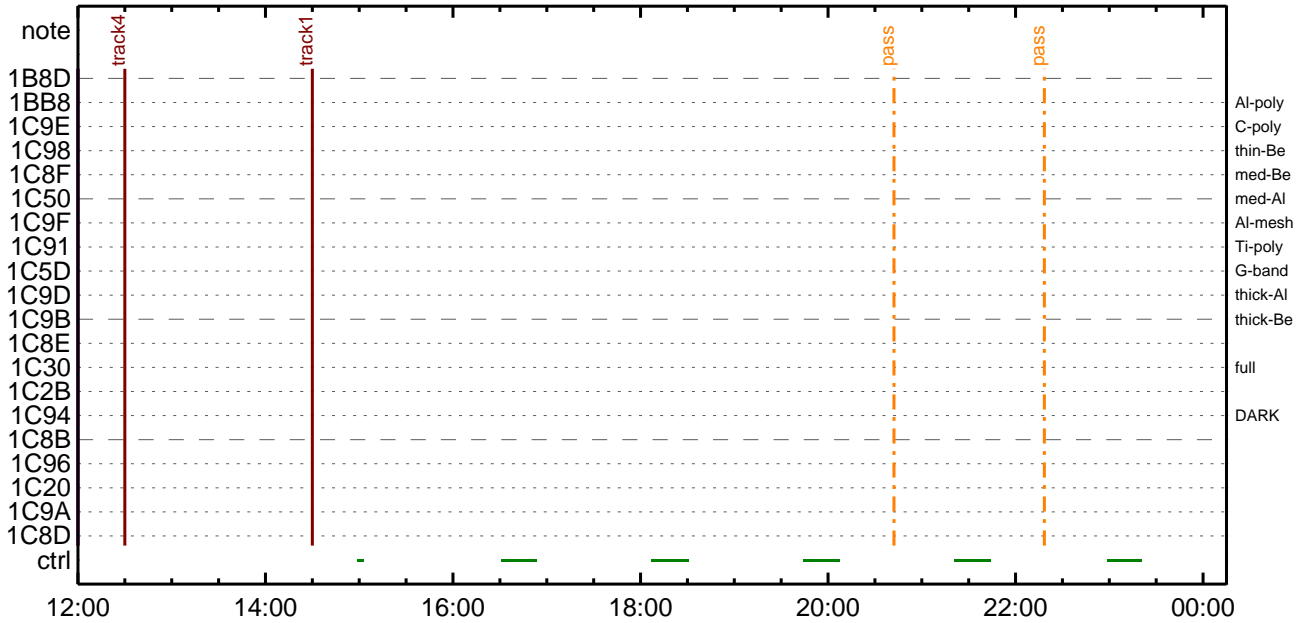
CMDI #0360 2020/12/26



CMDI #0360 2020/12/27

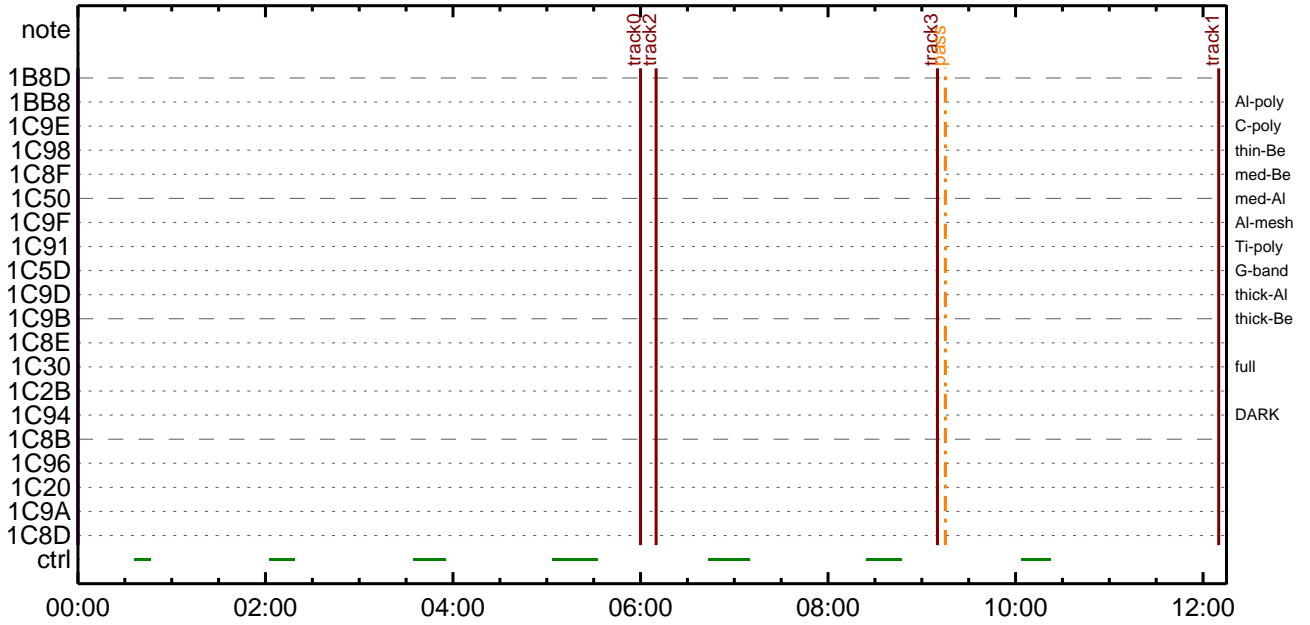


CMDI #0360 2020/12/27

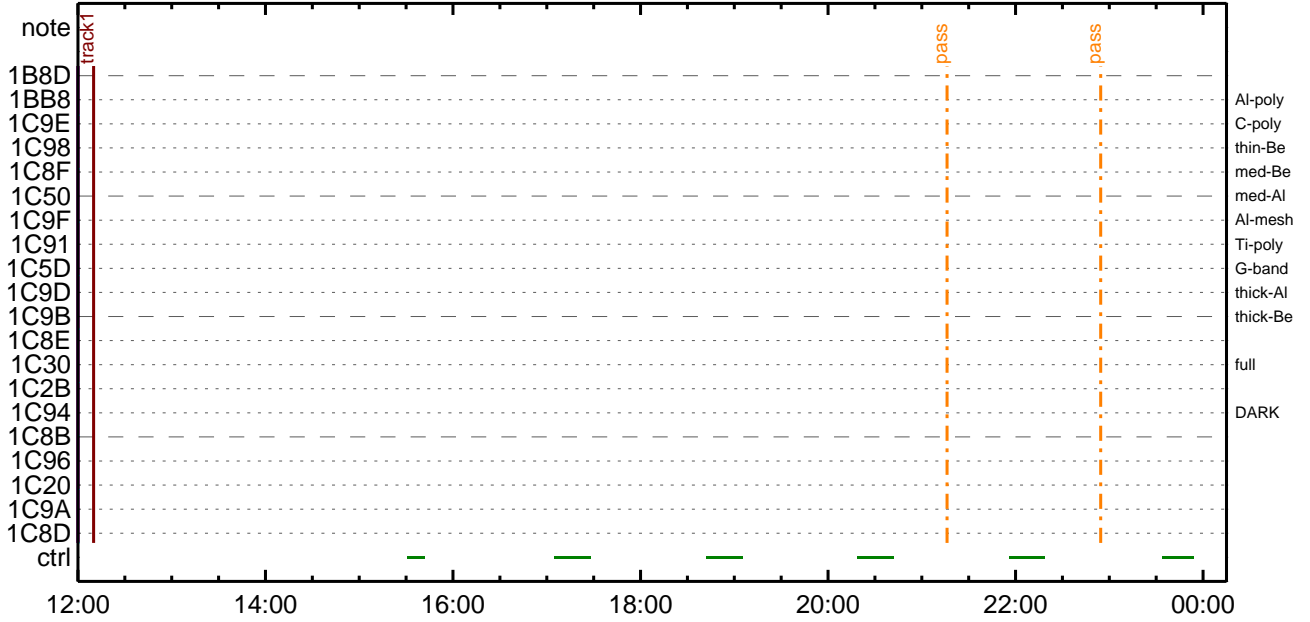




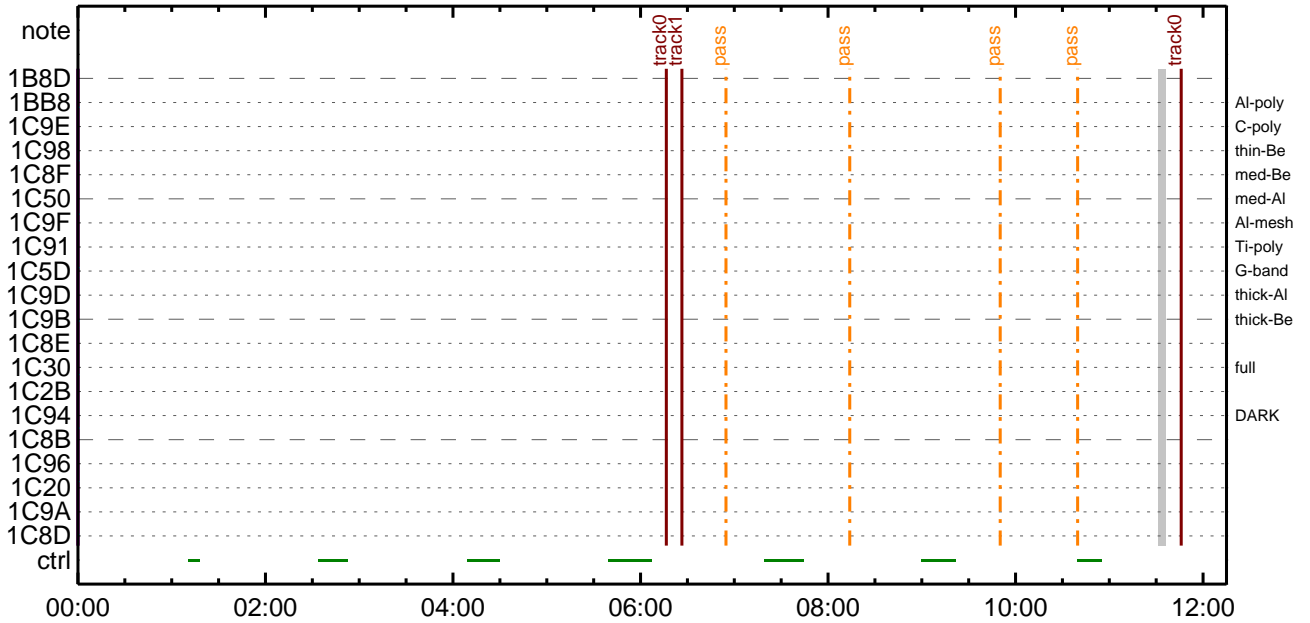
CMDI #0360 2020/12/28



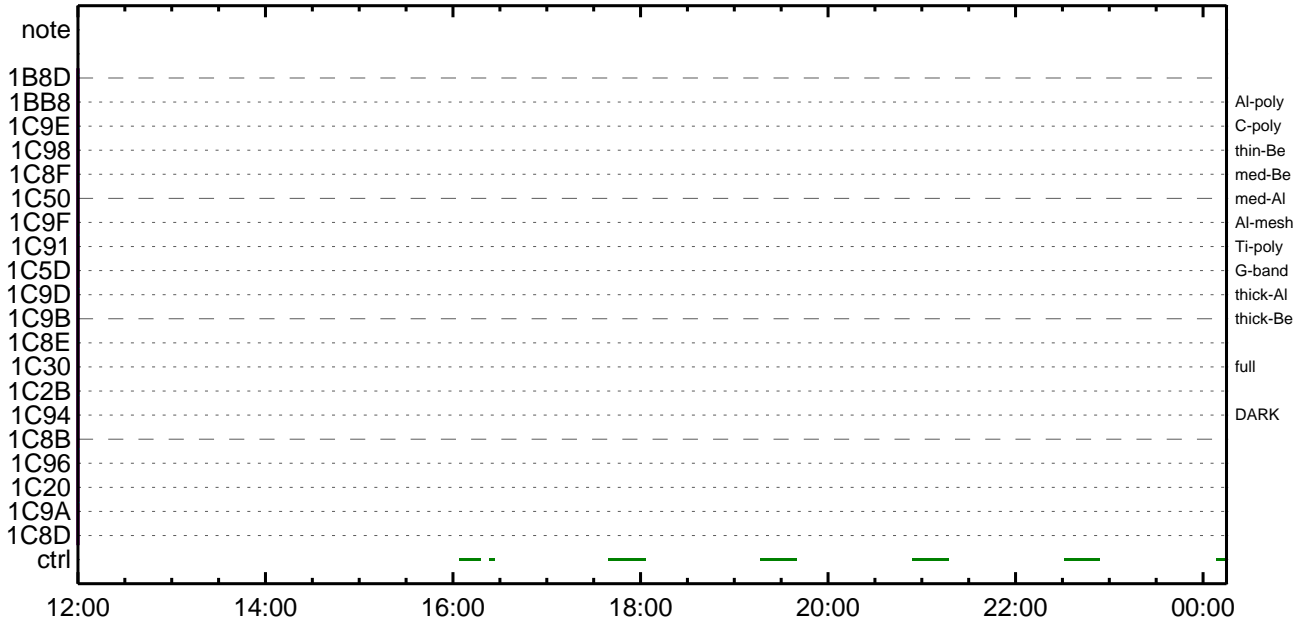
CMDI #0360 2020/12/28



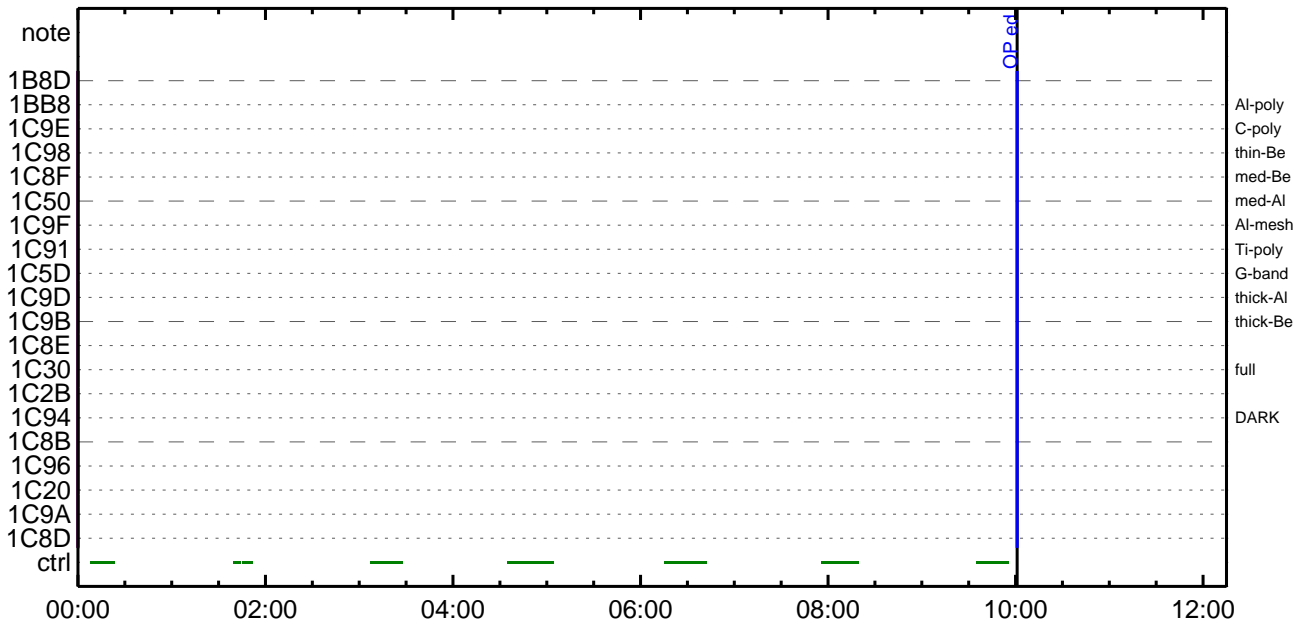
CMDI #0360 2020/12/29



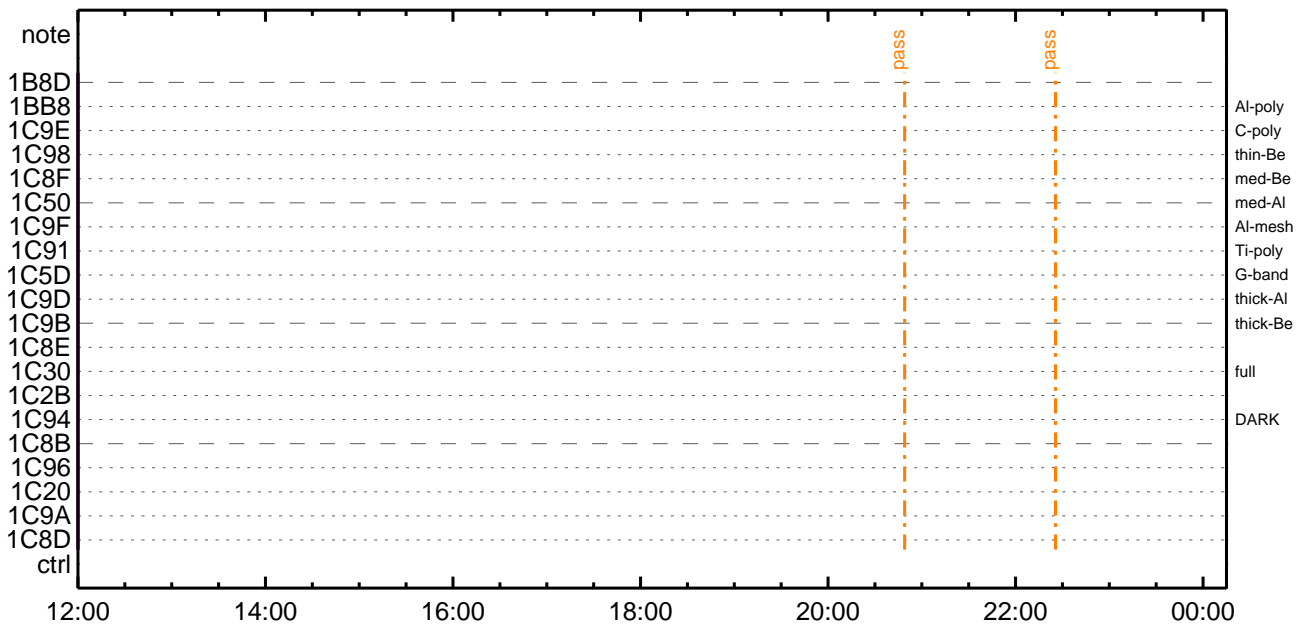
CMDI #0360 2020/12/29



CMDI #0360 2020/12/30



CMDI #0360 2020/12/30





```

0096 C.                01-02; SET 01-02 DUMP 01-02 01-02 01-02; E
0097 C.
0098 C. TI 2020-12-22 11:47:00.0
0099 +. TI 2020-12-22 11:47:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.                01-02; SET 01-02 DUMP 01-02 01-02 01-02; E
0102 C.
0103 +. TI 2020-12-22 11:47:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.                01-02; SET 01-02 DUMP 01-02 01-02 01-02; E
0106 C.
0107 +. TI 2020-12-22 11:47:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.                01-02; SET 01-02 DUMP 01-02 01-02 01-02; E
0110 C.
0111 +. TI 2020-12-22 11:51:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.                01-02; SET 01-02 DUMP 01-02 01-02 01-02; E
0114 C.
0115 C.                01-02; SET 01-02 DUMP 01-02 01-02 01-02; E
0116 C.                01-02; SET 01-02 DUMP 01-02 01-02 01-02; E
0117 C.                01-02; SET 01-02 DUMP 01-02 01-02 01-02; E
0118 C.                01-02; SET 01-02 DUMP 01-02 01-02 01-02; E
0119 C.                01-02; SET 01-02 DUMP 01-02 01-02 01-02; E
0120 C.
0121 C. *****
0122 C. TI 2020-12-22 11:51:59.5
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.                01-02; SET 01-02 DUMP 01-02 01-02 01-02; E
0129 C.                01-02; SET 01-02 DUMP 01-02 01-02 01-02; E
0130 C.                01-02; SET 01-02 DUMP 01-02 01-02 01-02; E
0131 C.                01-02; SET 01-02 DUMP 01-02 01-02 01-02; E
0132 C.                01-02; SET 01-02 DUMP 01-02 01-02 01-02; E
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC (07 0b f8)
0135 C.                01-02; SET 01-02 DUMP 01-02 01-02 01-02; E
0136 C.                01-02; SET 01-02 DUMP 01-02 01-02 01-02; E
0137 C.                01-02; SET 01-02 DUMP 01-02 01-02 01-02; E
0138 C.                01-02; SET 01-02 DUMP 01-02 01-02 01-02; E
0139 C.                01-02; SET 01-02 DUMP 01-02 01-02 01-02; E
0140 C.
0141 C.                01-02; SET 01-02 DUMP 01-02 01-02 01-02; E
0142 C.                01-02; SET 01-02 DUMP 01-02 01-02 01-02; E
0143 C.
0144 C. RAM ID=TI_TBL 01-02 01-02 01-02
0145 C.
0146 C. DHU 01-02 01-02 01-02
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC (02 0a f8)
0149 C.                01-02; SET 01-02 DUMP 01-02 01-02 01-02; E
0150 C.                01-02; SET 01-02 DUMP 01-02 01-02 01-02; E
0151 C.                01-02; SET 01-02 DUMP 01-02 01-02 01-02; E
0152 C.                01-02; SET 01-02 DUMP 01-02 01-02 01-02; E
0153 C.
0154 C. Stop EIS observation and temporarily disable EIS mode changes
0155 C.
0156 C.
0157 C. ***** Start EIS operation (TI set) *****
0158 C. Execute, after the success of OP upload.
0159 C. Set EIS TI-commands
0160 +. TI 2020-12-22 11:51:30.0
0161 DC 07-FC EIS_MODE_MANU
0162 BC (21 02)
0163 +. TI 2020-12-22 11:51:40.0
0164 DC 07-FC EIS_MODE_CHG_DIS
0165 BC (22)
0166 C.                [ ] [HK1_TI_CMD_NUM] EQ 2 COUNTUP
0167 C. ***** End EIS operation (TI set) *****
0168 C.
0169 C.
0170 C.
0171 C. ***** XRT START *****
0172 C. Execute, after the success of OP upload.
0173 +. TI 2020-12-22 11:51:00.0
0174 DC 07-F0 MDP_XRT_MODE_STBY
0175 BC (c3)
0176 C.                [ ] [HK1_TI_CMD_NUM] EQ 1COUNTUP
0177 C.
0178 C. ***** XRT END *****
0179 C.
0180 C. ***** MDP 01-02 01-02 01-02 *****
0181 C. (% 01-02 01-02 01-02)
0182 S. DC-BC dcbc-402:DCBC
0183 (MDP_known_event)
0184 C.
0185 C.
0186 C. ***** 01-02 01-02 01-02 *****
0187 S. DC-BC dcbc-153:DCBC
0188 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0189 C.
0190 C.
0191 C. ; 01-02 01-02 01-02
0192 C.
0193 C. ***** LOS *****

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0096 C.
0097 C.
0098 . C. ***** AOCs Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ( )
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE STATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCs Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCSDUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 . C.
0129 . C. ***** AOCs Commands (Orbital Element Update) *****
0130 C. Update the orbital element
0131 +. DC 02-50 AOCU_ORB_PRPGT_START
0132 BC (16)
0133 +. DC 02-8E AOCU_ORB_UPD
0134 C.
0135 C. <A_ORB>[ORBIT] EPC = 4705689.2 +- 1.0 (s) [ ]
0136 C.
0137 . C.
0138 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0139 +. DC 07-FC EIS_MODE_CHG_ENA
0140 BC (20)
0141 . C. Verify EIS_MODE_CHG_FLG is ENA
0142 +. DC 07-FC EIS_MODE_MANU
0143 BC (21 02)
0144 . C. Verify EIS in MANUAL mode
0145 . C. Estimated OBSTBL upload time is 49s
0146 C. *****
0147 C. EIS START OBSTBL LOAD
0148 C. *****
0149 . S. RAM ram-820:EIS_OBSTBL
0150 ( )
0151 +. DC 07-FC EIS_DUMP_OBSTBL
0152 BC (07 07 07 00 00 70 00)
0153 C.
0154 C. Execute, after the success of OBSTBL upload.
0155 C. Set EIS TI-commands
0156 +. TI 2020-12-22 11:51:50.0
0157 DC 07-FC EIS_MODE_CHG_ENA
0158 BC (20)
0159 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0160 C. *****
0161 C. EIS END OBSTBL LOAD
0162 C. *****
0163 C.
0164 . C. ***** MDP 'úÃîî»ö¼ÝðËÄð¹ñèDCBC•x²è *****
0165 C. (¼á°îÝÓÝÄÝËÝÞÝËÝ¼ÝèñË¼ð¼Ä»Û¹ñè)
0166 . S. DC-BC dcbc-402:DCBC
0167 (MDP_known_event)
0168 C.
0169 C.
0170 . C. ***** ÝÐÝ¹•İ Daily±;İÑñË'Ø¹ñèDCBC•x²è *****
0171 . S. DC-BC dcbc-153:DCBC
0172 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0173 C.
0174 C.
0175 . C. ;ãLOSÝÁÝSÝÄÝ-¼Ä»Û;ã
0176 C.
0177 . C. ***** LOS *****
0178 C.

```

(a) Spacecraft Operation Procedure (real-commands)

```
main-230 2020-12-22 13:08:24 100 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YFÝÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;Èò¿òÁò•µ°È»Í×ÁÇòíYçYÁY×Yí;¼YÉ;ÈÈè¼µ•íÉ;ÈòÈ¼°ÇÒò•ò¿¼í¹çòí;çÀ®, ùò¹òèòòòçÁ+¿®ò•òÈòòò³òÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 + DC 07-F0 MDP_XRT_MODE_STBY
0020 BC (c3)
0021 . C. ----- Success Verify ? OK / NG ____
0022 C.
0023 C. XRT Obs. Table Upload
0024 . S. RAM ram-291:MDP_OBS_X
0025 ( )
0026 C.
0027 +. DC 07-F0 MDP_DUMP_XRTTBL
0028 BC (84 07 00 00 00 3a d4)
0029 . C. ----- Comparison Check ? OK / ERR ____
0030 C.
0031 C.
0032 +. DC 07-F0 MDP_XRT_ROI_SET
0033 BC (cd 01 b1 b1 04 04)
0034 + DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 02 b1 b1 08 08)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 03 b1 b1 08 08)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 04 b1 b1 06 06)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 05 85 83 06 06)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 06 85 83 08 08)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 07 85 83 06 06)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 08 80 80 20 20)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 09 80 80 20 08)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0a 80 80 08 20)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0b 80 80 08 08)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0f 80 80 06 06)
0056 + DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 10 80 80 08 08)
0058 + DC 07-F0 MDP_XRT_FLD_ENA
0059 BC (d8)
0060 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0061 BC (c8)
0062 + DC 07-F0 MDP_XRT_ARS_DIS
0063 BC (d5)
0064 + DC 07-F0 MDP_XRT_AEC_RESET
0065 BC (d0)
0066 + DC 07-F0 MDP_XRT_FLD_RESET
0067 BC (da)
0068 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0069 BC (c4 06)
0070 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0071 BC (c5 04)
0072 . C. ----- Success Verify ? OK / NG ____
0073 C.
0074 C.
0075 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0076 C.
0077 +. DC 07-F0 MDP_XRT_MODE_OBSV
0078 BC (c2)
0079 +. TI 2020-12-22 11:51:02.0
0080 DC 07-F0 MDP_XRT_MODE_OBSV
0081 BC (c2)
0082 . C. ----- Success Verify ? OK / NG ____
0083 C.
0084 C. ***** XRT END *****
0085 C.
0086 . C. ***** MDP `ûÃíòí»ò¼YòÈÁò¹òèDCBC•x²è *****
0087 C. (¼á°íYÓYÁYÈYÈYÈYáYçYèò¼¼¼¼Á»Ûò¹òè)
0088 . S. DC-BC dcbc-402:DCBC
0089 (MDP_known_event)
0090 C.
0091 C.
0092 . C. ***** YDÝ¹•İ Daily±¿İÑòÈ´Øò¹òèDCBC•x²è *****
0093 . S. DC-BC dcbc-153:DCBC
0094 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0095 C.
```



0096 C.  
0097 . C. ;ãLOS¥Á¥§¥Ã¥-¼Á»Û;ã  
0098 C.  
0099 . C. \*\*\*\*\* LOS \*\*\*\*\*  
0100 C.



\*\*\* OP Sequence for XRT \*\*\*

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2020/12/22 12:01:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/12/22 12:01:56.0 XRT_FOCUS_POSITION_410_OG [0x19a]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2020/12/22 12:02:00.0 AOCs_Ore-point_Start_1_OG [0x097]
                        AOCU_NM 5 02-76 01 03 74 01 f3
2020/12/22 12:02:16.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2020/12/22 12:02:18.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2020/12/22 12:02:20.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2020/12/22 12:02:22.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2020/12/22 12:02:24.0 XRT_FLD_RESET_429_OG [0x1ad]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2020/12/22 12:04:56.0 XRT_QT_PROG_SET_449_OG [0x1c1]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 07
2020/12/22 12:04:58.0 XRT_FL_PROG_SET_418_OG [0x1a2]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 04
2020/12/22 12:05:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2020/12/22 15:17:30.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/12/22 15:17:32.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2020/12/22 15:17:34.0 XRT_PREFLR_STRT_417_OG [0x1a1]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2020/12/22 15:20:44.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2020/12/22 15:26:00.0 XRT_Custom_430_OG [0x1ae]
2020/12/22 15:27:00.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2020/12/22 16:51:00.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/12/22 16:51:02.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2020/12/22 16:51:04.0 XRT_PREFLR_STRT_417_OG [0x1a1]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2020/12/22 16:54:14.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2020/12/22 17:14:30.0 XRT_Custom_430_OG [0x1ae]
2020/12/22 17:15:30.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2020/12/22 17:59:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/12/22 17:59:56.0 XRT_FOCUS_POSITION_406_OG [0x196]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2020/12/22 18:00:00.0 AOCs_Ore-point_Start_2_OG [0x098]
                        AOCU_NM 5 02-76 00 00 00 00 00
2020/12/22 18:00:16.0 XRT_FLD_DIS_409_OG [0x199]
                        MDP_XRT_FLD_DIS 1 07-F0 d9
2020/12/22 18:00:18.0 XRT_FLRCTRL_DIS_413_OG [0x19d]
                        MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2020/12/22 18:00:20.0 XRT_ARS_DIS_432_OG [0x1b0]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2020/12/22 18:02:58.0 XRT_QT_PROG_SET_440_OG [0x1b8]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 12
2020/12/22 18:03:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2020/12/22 18:09:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/12/22 18:09:56.0 XRT_FOCUS_POSITION_410_OG [0x19a]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2020/12/22 18:10:00.0 AOCs_Ore-point_Start_1_OG [0x097]
                        AOCU_NM 5 02-76 01 03 74 01 f3
2020/12/22 18:10:16.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2020/12/22 18:10:18.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2020/12/22 18:10:20.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2020/12/22 18:10:22.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2020/12/22 18:10:24.0 XRT_FLD_RESET_429_OG [0x1ad]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2020/12/22 18:12:56.0 XRT_QT_PROG_SET_405_OG [0x195]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 03
2020/12/22 18:12:58.0 XRT_FL_PROG_SET_418_OG [0x1a2]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 04
2020/12/22 18:13:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2020/12/22 18:27:30.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2020/12/22 18:27:32.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2020/12/22 18:27:34.0 XRT_PREFLR_STRT_417_OG [0x1a1]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2020/12/22 18:30:44.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2020/12/22 18:51:00.0 XRT_Custom_430_OG [0x1ae]

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2020/12/22	18:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/22	20:04:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/22	20:04:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/22	20:04:34.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/12/22	20:07:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/12/22	20:28:00.0	XRT_Custom_430_OG [0x1ae]								
2020/12/22	20:29:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/22	21:41:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/22	21:41:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/22	21:41:34.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/12/22	21:44:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/12/22	22:05:00.0	XRT_Custom_430_OG [0x1ae]								
2020/12/22	22:06:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/22	23:19:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/22	23:19:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/22	23:19:04.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/12/22	23:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/12/22	23:40:30.0	XRT_Custom_430_OG [0x1ae]								
2020/12/22	23:41:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/23	00:56:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/23	00:56:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/23	00:56:34.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/12/23	00:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/12/23	01:05:00.0	XRT_Custom_430_OG [0x1ae]								
2020/12/23	01:06:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/23	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/23	01:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2020/12/23	02:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00				
2020/12/23	02:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2020/12/23	02:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2020/12/23	02:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2020/12/23	02:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2020/12/23	02:00:24.0	XRT_FLD_RESET_429_OG [0x1ad]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/23	02:02:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2020/12/23	02:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2020/12/23	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/23	02:20:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/23	02:20:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/23	02:20:34.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/12/23	02:23:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/12/23	02:39:00.0	XRT_Custom_430_OG [0x1ae]								
2020/12/23	02:40:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/23	03:55:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/23	03:55:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/23	03:55:04.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/12/23	03:58:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/12/23	04:15:30.0	XRT_Custom_430_OG [0x1ae]								
2020/12/23	04:16:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/23	05:24:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/23	05:24:32.0	XRT_FLD_RESET_415_OG [0x19f]								

2020/12/23	05:24:34.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/12/23	05:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/12/23	05:53:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/12/23	05:54:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/12/23	06:03:30.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/12/23	06:03:32.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2020/12/23	06:03:52.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2020/12/23	06:03:54.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2020/12/23	06:03:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2020/12/23	06:03:58.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12	
2020/12/23	06:04:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/12/23	06:12:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/12/23	06:12:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2020/12/23	06:12:30.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01 03 74 01 f3	
2020/12/23	06:12:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2020/12/23	06:12:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2020/12/23	06:12:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2020/12/23	06:12:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2020/12/23	06:12:54.0	XRT_FLD_RESET_429_OG [0x1ad]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/12/23	06:15:26.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d	
2020/12/23	06:15:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2020/12/23	06:15:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/12/23	07:05:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/12/23	07:05:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/12/23	07:05:04.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/12/23	07:08:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/12/23	07:30:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/12/23	07:31:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/12/23	08:45:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/12/23	08:45:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/12/23	08:45:04.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/12/23	08:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/12/23	09:07:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/12/23	09:08:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/12/23	10:25:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/12/23	10:25:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/12/23	10:25:04.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/12/23	10:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/12/23	10:42:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/12/23	10:43:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/12/23	15:50:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/12/23	15:50:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/12/23	15:50:04.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/12/23	15:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/12/23	16:02:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/12/23	16:03:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/12/23	17:25:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/12/23	17:25:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/12/23	17:25:34.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	

2020/12/23	17:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2020/12/23	17:49:00.0	XRT_Custom_430_OG [0x1ae]						
2020/12/23	17:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/12/23	18:03:54.0	XRT_CTRL_MANU_402_OG [0x192]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/12/23	18:03:56.0	XRT_FOCUS_POSITION_406_OG [0x196]						
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2020/12/23	18:04:00.0	AOCS_ORe-point_Start_2_OG [0x098]						
			AOCU_NM	5	02-76	00 00 00 00 00		
2020/12/23	18:04:16.0	XRT_FLD_DIS_409_OG [0x199]						
			MDP_XRT_FLD_DIS	1	07-F0	d9		
2020/12/23	18:04:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]						
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2020/12/23	18:04:20.0	XRT_ARS_DIS_432_OG [0x1b0]						
			MDP_XRT_ARS_DIS	1	07-F0	d5		
2020/12/23	18:06:58.0	XRT_QT_PROG_SET_440_OG [0x1b8]						
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 12		
2020/12/23	18:07:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/12/23	18:13:54.0	XRT_CTRL_MANU_402_OG [0x192]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/12/23	18:13:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]						
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2020/12/23	18:14:00.0	AOCS_ORe-point_Start_1_OG [0x097]						
			AOCU_NM	5	02-76	01 03 74 01 f3		
2020/12/23	18:14:16.0	XRT_FLD_ENA_411_OG [0x19b]						
			MDP_XRT_FLD_ENA	1	07-F0	d8		
2020/12/23	18:14:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2020/12/23	18:14:20.0	XRT_AEC_RESET_448_OG [0x1c0]						
			MDP_XRT_AEC_RESET	1	07-F0	d0		
2020/12/23	18:14:22.0	XRT_ARS_DIS_423_OG [0x1a7]						
			MDP_XRT_ARS_DIS	1	07-F0	d5		
2020/12/23	18:14:24.0	XRT_FLD_RESET_429_OG [0x1ad]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2020/12/23	18:16:56.0	XRT_QT_PROG_SET_405_OG [0x195]						
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 03		
2020/12/23	18:16:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]						
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2020/12/23	18:17:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/12/23	19:02:30.0	XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/12/23	19:02:32.0	XRT_FLD_RESET_415_OG [0x19f]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2020/12/23	19:02:34.0	XRT_PREFLR_STRT_417_OG [0x1a1]						
			MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2020/12/23	19:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2020/12/23	19:26:00.0	XRT_Custom_430_OG [0x1ae]						
2020/12/23	19:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/12/23	20:39:00.0	XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/12/23	20:39:02.0	XRT_FLD_RESET_415_OG [0x19f]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2020/12/23	20:39:04.0	XRT_PREFLR_STRT_417_OG [0x1a1]						
			MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2020/12/23	20:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2020/12/23	21:03:00.0	XRT_Custom_430_OG [0x1ae]						
2020/12/23	21:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/12/23	22:16:30.0	XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/12/23	22:16:32.0	XRT_FLD_RESET_415_OG [0x19f]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2020/12/23	22:16:34.0	XRT_PREFLR_STRT_417_OG [0x1a1]						
			MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2020/12/23	22:19:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2020/12/23	22:39:30.0	XRT_Custom_430_OG [0x1ae]						
2020/12/23	22:40:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/12/23	23:54:00.0	XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/12/23	23:54:02.0	XRT_FLD_RESET_415_OG [0x19f]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2020/12/23	23:54:04.0	XRT_PREFLR_STRT_417_OG [0x1a1]						
			MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2020/12/23	23:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2020/12/24	00:12:30.0	XRT_Custom_430_OG [0x1ae]						
2020/12/24	00:13:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/12/24	01:31:00.0	XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/12/24	01:31:02.0	XRT_FLD_RESET_415_OG [0x19f]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2020/12/24	01:31:04.0	XRT_PREFLR_STRT_417_OG [0x1a1]						

2020/12/24	01:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2020/12/24	01:38:00.0	XRT_Custom_430_OG [0x1ae]						
2020/12/24	01:39:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/12/24	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/12/24	01:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]						
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2020/12/24	02:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]						
			AOCU_NM	5	02-76	00 00 00 00 00		
2020/12/24	02:00:16.0	XRT_FLD_ENA_411_OG [0x19b]						
			MDP_XRT_FLD_ENA	1	07-F0	d8		
2020/12/24	02:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2020/12/24	02:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]						
			MDP_XRT_AEC_RESET	1	07-F0	d0		
2020/12/24	02:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]						
			MDP_XRT_ARS_DIS	1	07-F0	d5		
2020/12/24	02:00:24.0	XRT_FLD_RESET_429_OG [0x1ad]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2020/12/24	02:02:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]						
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 08		
2020/12/24	02:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]						
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2020/12/24	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/12/24	02:53:30.0	XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/12/24	02:53:32.0	XRT_FLD_RESET_415_OG [0x19f]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2020/12/24	02:53:34.0	XRT_PREFLR_STRT_417_OG [0x1a1]						
			MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2020/12/24	02:56:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2020/12/24	03:13:30.0	XRT_Custom_430_OG [0x1ae]						
2020/12/24	03:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/12/24	04:25:30.0	XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/12/24	04:25:32.0	XRT_FLD_RESET_415_OG [0x19f]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2020/12/24	04:25:34.0	XRT_PREFLR_STRT_417_OG [0x1a1]						
			MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2020/12/24	04:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2020/12/24	04:50:30.5	XRT_Custom_430_OG [0x1ae]						
2020/12/24	04:51:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/12/24	05:33:54.0	XRT_CTRL_MANU_402_OG [0x192]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/12/24	05:33:56.0	XRT_FOCUS_POSITION_406_OG [0x196]						
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2020/12/24	05:34:16.0	XRT_FLD_DIS_409_OG [0x199]						
			MDP_XRT_FLD_DIS	1	07-F0	d9		
2020/12/24	05:34:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]						
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2020/12/24	05:34:20.0	XRT_ARS_DIS_423_OG [0x1a7]						
			MDP_XRT_ARS_DIS	1	07-F0	d5		
2020/12/24	05:34:22.0	XRT_QT_PROG_SET_401_OG [0x191]						
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e		
2020/12/24	05:34:24.0	XRT_CTRL_AUTO_408_OG [0x198]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/12/24	05:43:54.0	XRT_CTRL_MANU_402_OG [0x192]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/12/24	05:43:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]						
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2020/12/24	05:44:00.0	AOCS_ORe-point_Start_1_OG [0x097]						
			AOCU_NM	5	02-76	01 03 74 01 f3		
2020/12/24	05:44:16.0	XRT_FLD_ENA_411_OG [0x19b]						
			MDP_XRT_FLD_ENA	1	07-F0	d8		
2020/12/24	05:44:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2020/12/24	05:44:20.0	XRT_AEC_RESET_448_OG [0x1c0]						
			MDP_XRT_AEC_RESET	1	07-F0	d0		
2020/12/24	05:44:22.0	XRT_ARS_DIS_423_OG [0x1a7]						
			MDP_XRT_ARS_DIS	1	07-F0	d5		
2020/12/24	05:44:24.0	XRT_FLD_RESET_429_OG [0x1ad]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2020/12/24	05:46:56.0	XRT_QT_PROG_SET_405_OG [0x195]						
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 03		
2020/12/24	05:46:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]						
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2020/12/24	05:47:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/12/24	06:00:30.0	XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/12/24	06:00:32.0	XRT_FLD_RESET_415_OG [0x19f]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2020/12/24	06:00:34.0	XRT_PREFLR_STRT_417_OG [0x1a1]						
			MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2020/12/24	06:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						

2020/12/24	06:28:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/12/24	06:29:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
2020/12/24	07:41:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/24	07:41:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/24	07:41:04.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/24	07:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/12/24	08:05:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/12/24	08:06:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
2020/12/24	09:20:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/24	09:20:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/24	09:20:34.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/24	09:23:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/12/24	09:41:30.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/12/24	09:42:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]								
2020/12/24	11:01:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/24	11:01:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/24	11:01:34.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/24	11:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/12/24	11:13:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/12/24	11:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
2020/12/24	12:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/24	12:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/24	13:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2020/12/24	13:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCS_Ore-point_Start_3_OG [0x099]	5	02-76	04 00 00 00 00				
2020/12/24	13:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	AOCS_Ore-point_Start_3_OG [0x099]							
2020/12/24	13:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2020/12/24	13:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2020/12/24	13:00:24.0	XRT_FLD_RESET_429_OG [0x1ad]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2020/12/24	13:02:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2020/12/24	13:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/24	13:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b				
2020/12/24	14:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2020/12/24	14:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/24	15:00:00.0	AOCS_Ore-point_Start_1_OG [0x097]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/24	15:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2020/12/24	15:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	AOCS_Ore-point_Start_1_OG [0x097]	5	02-76	01 03 74 01 f3				
2020/12/24	15:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	AOCS_Ore-point_Start_1_OG [0x097]							
2020/12/24	15:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2020/12/24	15:00:24.0	XRT_FLD_RESET_429_OG [0x1ad]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2020/12/24	15:02:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2020/12/24	15:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2020/12/24	15:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/24	16:24:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2020/12/24	16:24:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2020/12/24	16:24:04.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/24	16:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/24	16:47:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/24	16:48:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/12/24	18:00:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				



2020/12/24	18:00:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
			MDP_XRT_FLD_RESET	1	07-F0	da		
2020/12/24	18:00:04.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2020/12/24	18:03:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2020/12/24	18:23:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/12/24	18:23:26.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2020/12/24	18:23:30.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00		
2020/12/24	18:23:46.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2020/12/24	18:23:48.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2020/12/24	18:23:50.0	XRT_ARS_DIS_432_OG [0x1b0]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2020/12/24	18:26:28.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12		
2020/12/24	18:26:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/12/24	18:33:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/12/24	18:33:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2020/12/24	18:33:30.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01 03 74 01 f3		
2020/12/24	18:33:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2020/12/24	18:33:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2020/12/24	18:33:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2020/12/24	18:33:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2020/12/24	18:33:54.0	XRT_FLD_RESET_429_OG [0x1ad]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/12/24	18:36:26.0	XRT_QT_PROG_SET_405_OG [0x195]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03		
2020/12/24	18:36:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2020/12/24	18:36:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/12/24	19:37:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/12/24	19:37:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/12/24	19:37:04.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2020/12/24	19:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2020/12/24	20:00:30.0	XRT_Custom_430_OG [0x1ae]						
2020/12/24	20:01:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/12/24	21:14:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/12/24	21:14:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/12/24	21:14:04.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2020/12/24	21:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2020/12/24	21:37:30.0	XRT_Custom_430_OG [0x1ae]						
2020/12/24	21:38:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/12/24	22:51:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/12/24	22:51:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/12/24	22:51:34.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2020/12/24	22:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2020/12/24	23:13:30.0	XRT_Custom_430_OG [0x1ae]						
2020/12/24	23:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/12/25	00:28:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/12/25	00:28:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/12/25	00:28:34.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2020/12/25	00:31:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2020/12/25	00:40:00.0	XRT_Custom_430_OG [0x1ae]						
2020/12/25	00:41:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/12/25	01:55:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/12/25	01:55:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		

2020/12/25	01:55:34.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/12/25	01:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/12/25	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/12/25	01:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2020/12/25	02:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2020/12/25	02:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2020/12/25	02:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2020/12/25	02:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2020/12/25	02:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2020/12/25	02:00:24.0	XRT_FLD_RESET_429_OG [0x1ad]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/12/25	02:02:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08	
2020/12/25	02:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2020/12/25	02:11:30.0	XRT_Custom_430_OG [0x1ae]					
2020/12/25	02:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/12/25	03:27:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/12/25	03:27:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/12/25	03:27:34.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/12/25	03:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/12/25	03:48:00.0	XRT_Custom_430_OG [0x1ae]					
2020/12/25	03:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/12/25	04:56:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/12/25	04:56:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/12/25	04:56:04.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/12/25	04:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/12/25	05:25:30.0	XRT_Custom_430_OG [0x1ae]					
2020/12/25	05:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/12/25	05:55:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/12/25	05:55:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2020/12/25	05:56:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2020/12/25	05:56:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2020/12/25	05:56:20.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2020/12/25	05:56:22.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12	
2020/12/25	05:56:24.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/12/25	06:03:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/12/25	06:03:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2020/12/25	06:03:30.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01 03 74 01 f3	
2020/12/25	06:03:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2020/12/25	06:03:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2020/12/25	06:03:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2020/12/25	06:03:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2020/12/25	06:03:54.0	XRT_FLD_RESET_429_OG [0x1ad]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/12/25	06:06:26.0	XRT_QT_PROG_SET_405_OG [0x195]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03	
2020/12/25	06:06:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2020/12/25	06:06:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/12/25	06:36:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/12/25	06:36:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/12/25	06:36:34.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/12/25	06:39:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	

2020/12/25	07:02:30.0	XRT_Custom_430_OG [0x1ae]			
2020/12/25	07:03:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/12/25	08:16:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/12/25	08:16:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2020/12/25	08:16:34.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/12/25	08:19:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/12/25	08:40:00.0	XRT_Custom_430_OG [0x1ae]			
2020/12/25	08:41:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/12/25	09:56:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/12/25	09:56:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2020/12/25	09:56:04.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/12/25	09:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/12/25	10:15:30.0	XRT_Custom_430_OG [0x1ae]			
2020/12/25	10:16:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/12/25	11:39:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/12/25	11:39:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2020/12/25	11:39:04.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/12/25	11:41:00.0	XRT_Custom_430_OG [0x1ae]			
2020/12/25	11:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/12/25	11:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/12/25	13:29:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/12/25	13:29:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2020/12/25	13:30:00.0	AOCS_ORe-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	04 00 00 00 00
2020/12/25	13:30:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2020/12/25	13:30:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2020/12/25	13:30:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2020/12/25	13:30:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2020/12/25	13:30:24.0	XRT_FLD_RESET_429_OG [0x1ad]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2020/12/25	13:32:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2020/12/25	13:32:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2020/12/25	13:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/12/25	15:24:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/12/25	15:24:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2020/12/25	15:24:04.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/12/25	15:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/12/25	15:29:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/12/25	15:29:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2020/12/25	15:30:00.0	AOCS_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	01 03 74 01 f3
2020/12/25	15:30:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2020/12/25	15:30:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2020/12/25	15:30:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2020/12/25	15:30:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2020/12/25	15:30:24.0	XRT_FLD_RESET_429_OG [0x1ad]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2020/12/25	15:32:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2020/12/25	15:32:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2020/12/25	15:34:01.0	XRT_Custom_430_OG [0x1ae]			
2020/12/25	15:35:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/12/25	16:58:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/12/25	16:58:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da

2020/12/25	16:58:04.0	XRT_PREFLR_STRT_417_OG [0x1a1]								
		MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2020/12/25	17:01:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
		MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2020/12/25	17:21:30.0	XRT_Custom_430_OG [0x1ae]								
2020/12/25	17:22:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2020/12/25	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2020/12/25	17:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]								
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00					
2020/12/25	18:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]								
		AOCU_NM	5	02-76	00 00 00 00 00					
2020/12/25	18:00:16.0	XRT_FLD_DIS_409_OG [0x199]								
		MDP_XRT_FLD_DIS	1	07-F0	d9					
2020/12/25	18:00:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]								
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9					
2020/12/25	18:00:20.0	XRT_ARS_DIS_432_OG [0x1b0]								
		MDP_XRT_ARS_DIS	1	07-F0	d5					
2020/12/25	18:02:58.0	XRT_QT_PROG_SET_440_OG [0x1b8]								
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12					
2020/12/25	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2020/12/25	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2020/12/25	18:09:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]								
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00					
2020/12/25	18:10:00.0	AOCS_Ore-point_Start_1_OG [0x097]								
		AOCU_NM	5	02-76	01 03 74 01 f3					
2020/12/25	18:10:16.0	XRT_FLD_ENA_411_OG [0x19b]								
		MDP_XRT_FLD_ENA	1	07-F0	d8					
2020/12/25	18:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8					
2020/12/25	18:10:20.0	XRT_AEC_RESET_448_OG [0x1c0]								
		MDP_XRT_AEC_RESET	1	07-F0	d0					
2020/12/25	18:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]								
		MDP_XRT_ARS_DIS	1	07-F0	d5					
2020/12/25	18:10:24.0	XRT_FLD_RESET_429_OG [0x1ad]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2020/12/25	18:12:56.0	XRT_QT_PROG_SET_405_OG [0x195]								
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03					
2020/12/25	18:12:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]								
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04					
2020/12/25	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2020/12/25	18:34:30.0	XRT_CTRL_MANU_400_OG [0x190]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2020/12/25	18:34:32.0	XRT_FLD_RESET_415_OG [0x19f]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2020/12/25	18:34:34.0	XRT_PREFLR_STRT_417_OG [0x1a1]								
		MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2020/12/25	18:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
		MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2020/12/25	18:58:30.0	XRT_Custom_430_OG [0x1ae]								
2020/12/25	18:59:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2020/12/25	20:11:30.0	XRT_CTRL_MANU_400_OG [0x190]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2020/12/25	20:11:32.0	XRT_FLD_RESET_415_OG [0x19f]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2020/12/25	20:11:34.0	XRT_PREFLR_STRT_417_OG [0x1a1]								
		MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2020/12/25	20:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
		MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2020/12/25	20:35:00.0	XRT_Custom_430_OG [0x1ae]								
2020/12/25	20:36:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2020/12/25	21:49:00.0	XRT_CTRL_MANU_400_OG [0x190]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2020/12/25	21:49:02.0	XRT_FLD_RESET_415_OG [0x19f]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2020/12/25	21:49:04.0	XRT_PREFLR_STRT_417_OG [0x1a1]								
		MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2020/12/25	21:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
		MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2020/12/25	22:12:00.0	XRT_Custom_430_OG [0x1ae]								
2020/12/25	22:13:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2020/12/25	23:26:00.0	XRT_CTRL_MANU_400_OG [0x190]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2020/12/25	23:26:02.0	XRT_FLD_RESET_415_OG [0x19f]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2020/12/25	23:26:04.0	XRT_PREFLR_STRT_417_OG [0x1a1]								
		MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2020/12/25	23:29:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
		MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2020/12/25	23:47:00.0	XRT_Custom_430_OG [0x1ae]								
2020/12/25	23:48:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2020/12/25	23:59:54.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2020/12/25	23:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]								
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00					

Dec 22, 20 13:08

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Page 11/15

2020/12/26	00:00:00.0	AOCS_ORe-point_Start_4_OG [0x09a] AOCU_NM	5	02-76	00	03	74	01	f3
2020/12/26	00:00:16.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8				
2020/12/26	00:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2020/12/26	00:00:20.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0				
2020/12/26	00:00:22.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5				
2020/12/26	00:00:24.0	XRT_FLD_RESET_429_OG [0x1ad] MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/26	00:02:56.0	XRT_QT_PROG_SET_414_OG [0x19e] MDP_XRT_QT_PROG_SET	2	07-F0	c4	02			
2020/12/26	00:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET	2	07-F0	c5	04			
2020/12/26	00:03:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/26	01:03:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/26	01:03:32.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/26	01:03:34.0	XRT_PREFLR_STRT_417_OG [0x1a1] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/12/26	01:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/12/26	01:11:30.0	XRT_Custom_430_OG [0x1ae]							
2020/12/26	01:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/26	02:27:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/26	02:27:02.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/26	02:27:04.0	XRT_PREFLR_STRT_417_OG [0x1a1] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/12/26	02:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/12/26	02:46:00.0	XRT_Custom_430_OG [0x1ae]							
2020/12/26	02:47:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/26	02:59:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/26	02:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2020/12/26	03:00:00.0	AOCS_ORe-point_Start_2_OG [0x098] AOCU_NM	5	02-76	00	00	00	00	00
2020/12/26	03:00:16.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8				
2020/12/26	03:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2020/12/26	03:00:20.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0				
2020/12/26	03:00:22.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5				
2020/12/26	03:00:24.0	XRT_FLD_RESET_429_OG [0x1ad] MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/26	03:02:56.0	XRT_QT_PROG_SET_416_OG [0x1a0] MDP_XRT_QT_PROG_SET	2	07-F0	c4	08			
2020/12/26	03:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET	2	07-F0	c5	04			
2020/12/26	03:03:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/26	04:02:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/26	04:02:02.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/26	04:02:04.0	XRT_PREFLR_STRT_417_OG [0x1a1] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/12/26	04:05:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/12/26	04:23:00.0	XRT_Custom_430_OG [0x1ae]							
2020/12/26	04:24:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/26	05:32:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/26	05:32:02.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/26	05:32:04.0	XRT_PREFLR_STRT_417_OG [0x1a1] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/12/26	05:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/12/26	06:00:00.0	XRT_Custom_430_OG [0x1ae]							
2020/12/26	06:01:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/26	07:04:00.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/26	07:04:02.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2020/12/26	07:04:22.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0	d9				
2020/12/26	07:04:24.0	XRT_FLRCTRL_DIS_413_OG [0x19d] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2020/12/26	07:04:26.0	XRT_ARS_DIS_423_OG [0x1a7]							

2020/12/26	07:04:28.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2020/12/26	07:04:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	12			
2020/12/26	07:12:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/26	07:12:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/26	07:12:04.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/26	07:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/12/26	07:19:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/12/26	07:19:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/26	07:19:30.0	AOCS_Ore-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2020/12/26	07:19:46.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	01	03	74	01	f3
2020/12/26	07:19:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2020/12/26	07:19:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2020/12/26	07:19:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2020/12/26	07:19:54.0	XRT_FLD_RESET_429_OG [0x1ad]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2020/12/26	07:22:26.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/26	07:22:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d			
2020/12/26	07:37:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04			
2020/12/26	07:38:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CUSTOM_430_OG							
2020/12/26	08:52:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/26	08:52:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/26	08:52:34.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/26	08:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/12/26	09:14:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/12/26	09:15:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CUSTOM_430_OG							
2020/12/26	10:32:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/26	10:32:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/26	10:32:34.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/26	10:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/12/26	10:48:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/12/26	10:49:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CUSTOM_430_OG							
2020/12/26	12:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/26	12:29:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/26	12:30:00.0	AOCS_Ore-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2020/12/26	12:30:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	04	00	00	00	00
2020/12/26	12:30:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2020/12/26	12:30:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2020/12/26	12:30:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2020/12/26	12:30:24.0	XRT_FLD_RESET_429_OG [0x1ad]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2020/12/26	12:32:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/26	12:32:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b			
2020/12/26	12:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04			
2020/12/26	14:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/26	14:29:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/26	14:30:00.0	AOCS_Ore-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2020/12/26	14:30:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	01	03	74	01	f3
2020/12/26	14:30:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2020/12/26	14:30:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2020/12/26	14:30:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0				

Dec 22, 20 13:08

## XRT\_OGLIST\_0360.chk

Page 13/15

2020/12/26	14:30:24.0	XRT_FLD_RESET_429_OG [0x1ad]	MDP_XRT_ARS_DIS	1	07-F0	d5				
			MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/26	14:32:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d			
2020/12/26	14:32:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04			
2020/12/26	14:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/26	15:57:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/26	15:57:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/26	15:57:04.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/12/26	16:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/12/26	16:19:30.0	XRT_Custom_430_OG [0x1ae]								
2020/12/26	16:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/26	17:32:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/26	17:32:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/26	17:32:34.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/12/26	17:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/12/26	17:56:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/26	17:56:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2020/12/26	17:57:00.0	AOCs_Or-e-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	00	00	00	00
2020/12/26	17:57:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2020/12/26	17:57:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2020/12/26	17:57:20.0	XRT_ARS_DIS_432_OG [0x1b0]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2020/12/26	17:59:58.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	12			
2020/12/26	18:00:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/26	18:06:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/26	18:06:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2020/12/26	18:07:00.0	AOCs_Or-e-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01	03	74	01	f3
2020/12/26	18:07:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2020/12/26	18:07:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2020/12/26	18:07:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2020/12/26	18:07:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2020/12/26	18:07:24.0	XRT_FLD_RESET_429_OG [0x1ad]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/26	18:09:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d			
2020/12/26	18:09:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04			
2020/12/26	18:10:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/26	19:09:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/26	19:09:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/26	19:09:34.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/12/26	19:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/12/26	19:33:00.0	XRT_Custom_430_OG [0x1ae]								
2020/12/26	19:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/26	20:46:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/26	20:46:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/26	20:46:34.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/12/26	20:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/12/26	21:10:00.0	XRT_Custom_430_OG [0x1ae]								
2020/12/26	21:11:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/12/26	22:23:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/12/26	22:23:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/12/26	22:23:34.0	XRT_PREFLR_STRT_417_OG [0x1a1]								

2020/12/26	22:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e8			
2020/12/26	22:46:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2020/12/26	22:47:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2020/12/27	00:01:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2020/12/27	00:01:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2020/12/27	00:01:04.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e8			
2020/12/27	00:04:14.0	XRT_CUSTOM_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2020/12/27	00:18:00.0	XRT_CUSTOM_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2020/12/27	00:19:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2020/12/27	01:35:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2020/12/27	01:35:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2020/12/27	01:35:34.0	XRT_PREFLR_STOP_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da			
2020/12/27	01:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	da			
2020/12/27	01:44:30.0	XRT_CUSTOM_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e8			
2020/12/27	01:45:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2020/12/27	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2020/12/27	01:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2020/12/27	02:00:00.0	AOCs_OrE-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2020/12/27	02:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 00 00 00 00			
2020/12/27	02:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2020/12/27	02:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2020/12/27	02:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2020/12/27	02:00:24.0	XRT_FLD_RESET_429_OG [0x1ad]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2020/12/27	02:02:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_FLD_RESET	1	07-F0	da			
2020/12/27	02:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08			
2020/12/27	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04			
2020/12/27	03:00:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2020/12/27	03:00:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2020/12/27	03:00:34.0	XRT_PREFLR_STOP_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da			
2020/12/27	03:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	da			
2020/12/27	03:20:30.0	XRT_CUSTOM_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e8			
2020/12/27	03:21:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2020/12/27	04:30:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2020/12/27	04:30:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2020/12/27	04:30:04.0	XRT_PREFLR_STOP_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da			
2020/12/27	04:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	da			
2020/12/27	04:57:30.0	XRT_CUSTOM_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e8			
2020/12/27	04:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2020/12/27	05:36:00.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2020/12/27	05:36:02.0	XRT_FOCUS_RECALIBRATE_427_OG [0x1ab]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2020/12/27	05:40:02.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_RECAL	2	07-F8	78 00			
2020/12/27	05:40:22.0	XRT_FLD_DIS_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2020/12/27	05:40:24.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2020/12/27	05:40:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2020/12/27	05:40:28.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2020/12/27	05:40:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e			
2020/12/27	05:51:00.0	AOCs_OrE-point_Start_1_OG [0x097]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2020/12/27	05:51:02.0	XRT_CTRL_MANU_402_OG [0x192]	AOCU_NM	5	02-76	01 03 74 01 f3			
2020/12/27	05:51:04.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			



			MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/12/27	05:51:10.0	XRT_TCIB_XRT_S_HTR_A_ENA_407_OG [0x197]				
			TCIB_XRT_S_HTR_A_ENA	0	04-BC	
2020/12/27	12:30:00.0	AOCS_ORe-point_Start_3_OG [0x099]				
			AOCU_NM	5	02-76	04 00 00 00 00
2020/12/27	14:30:00.0	AOCS_ORe-point_Start_1_OG [0x097]				
			AOCU_NM	5	02-76	01 03 74 01 f3
2020/12/28	06:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]				
			AOCU_NM	5	02-76	00 00 00 00 00
2020/12/28	06:10:00.0	AOCS_ORe-point_Start_5_OG [0x09b]				
			AOCU_NM	5	02-76	02 00 00 00 00
2020/12/28	09:10:00.0	AOCS_ORe-point_Start_6_OG [0x09c]				
			AOCU_NM	5	02-76	03 00 00 00 00
2020/12/28	12:10:00.0	AOCS_ORe-point_Start_1_OG [0x097]				
			AOCU_NM	5	02-76	01 03 74 01 f3
2020/12/29	06:16:30.0	AOCS_ORe-point_Start_2_OG [0x098]				
			AOCU_NM	5	02-76	00 00 00 00 00
2020/12/29	06:26:30.0	AOCS_ORe-point_Start_1_OG [0x097]				
			AOCU_NM	5	02-76	01 03 74 01 f3
2020/12/29	11:46:00.0	AOCS_ORe-point_Start_2_OG [0x098]				
			AOCU_NM	5	02-76	00 00 00 00 00