

# XRT Timeline to be uploaded on 2020/09/15

Period: 2020/09/15 11:12:00 - 2020/09/19 11:23:00

\* \* \* \* \*

Normal mode

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## XOB #1BC7: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 1st Quadrant - Al/mesh(2048ms), Al/Poly(4096ms) - w leak image-1ms

Term	Pointing (x, y)	Comment
09/16 12:03:00 - 09/16 12:09:54	Fixed ( -528.4, -528.4)	# XRT quadrant observations 1/4
<b>PROG= 02 1-time(s)</b>		
└─ Subr= 1 1-time(s) 2.0sec		
└─ Seqn= 51 1-time(s) 2.0sec		
└─ Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (1536, 1536) Q=90 0 0 2.0sec	
└─ Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (1536, 1536) Q=90 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (1536, 1536) Q=98 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (1536, 1536) Q=98 0 0 2.0sec	
└─ Subr= 2 1-time(s) 2.0sec		
└─ Seqn= 3 2-time(s) 2.0sec		
└─ Open/Al-mesh	Open/Al-mesh close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
└─ Al-poly/Open	Al-poly/Open close Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
└─ Subr= 3 2-time(s) 2.0sec		
└─ Seqn= 34 1-time(s) 2.0sec		
└─ Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=90 0 0 2.0sec	
└─ Open/G-band	Open/G-band close Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval	

## XOB #1BC8: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 2nd Quadrant - Al/mesh (2048ms), Al/Poly (4096ms) - w leak image-1 ms

Term	Pointing (x, y)	Comment
09/16 12:13:00 - 09/16 12:19:54	Fixed ( 528.4, -528.4)	# 2/4
<b>PROG= 14 1-time(s)</b>		
└─ Subr= 1 1-time(s) 2.0sec		
└─ Seqn= 38 1-time(s) 2.0sec		
└─ Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (512, 1536) Q=90 0 0 2.0sec	
└─ Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (512, 1536) Q=90 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (512, 1536) Q=98 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (512, 1536) Q=98 0 0 2.0sec	
└─ Subr= 2 1-time(s) 2.0sec		
└─ Seqn= 3 2-time(s) 2.0sec		
└─ Open/Al-mesh	Open/Al-mesh close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
└─ Al-poly/Open	Al-poly/Open close Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
└─ Subr= 3 2-time(s) 2.0sec		
└─ Seqn= 34 1-time(s) 2.0sec		
└─ Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=90 0 0 2.0sec	
└─ Open/G-band	Open/G-band close Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval	

## XOB #1BC9: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 3rd Quadrant - Al/mesh (2048ms), Al/Poly (4096ms) - w leak image-1 ms

Term	Pointing (x, y)	Comment
09/16 12:23:00 - 09/16 12:29:54	Fixed ( 528.4, 528.4)	# 3/4
<b>PROG= 16 1-time(s)</b>		
└─ Subr= 1 1-time(s) 2.0sec		
└─ Seqn= 21 1-time(s) 2.0sec		
└─ Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (512, 512) Q=90 0 0 2.0sec	
└─ Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (512, 512) Q=90 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (512, 512) Q=98 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (512, 512) Q=98 0 0 2.0sec	
└─ Subr= 2 1-time(s) 2.0sec		
└─ Seqn= 3 2-time(s) 2.0sec		
└─ Open/Al-mesh	Open/Al-mesh close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
└─ Al-poly/Open	Al-poly/Open close Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
└─ Subr= 3 2-time(s) 2.0sec		
└─ Seqn= 34 1-time(s) 2.0sec		
└─ Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=90 0 0 2.0sec	
└─ Open/G-band	Open/G-band close Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval	

## XOB #1BCA: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 4th Quadrant - Al/mesh (2048ms), Al/Poly (4096ms) - w leak image-1 ms

Term	Pointing (x, y)	Comment
09/16 12:33:00 - 09/16 12:39:54	Fixed ( -528.4, 528.4)	# 4/4
<b>PROG= 09 1-time(s)</b>		
└─ Subr= 1 1-time(s) 2.0sec		
└─ Seqn= 14 1-time(s) 2.0sec		
└─ Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (1536, 512) Q=90 0 0 2.0sec	
└─ Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (1536, 512) Q=90 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (1536, 512) Q=98 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (1536, 512) Q=98 0 0 2.0sec	
└─ Subr= 2 1-time(s) 2.0sec		

┌	Seqn= 3	2-time(s)	2.0sec																	
├	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec						
├	Al-poly/Open	Al-poly/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec						
└	Subr= 3	2-time(s)	2.0sec																	
┌	Seqn= 34	1-time(s)	2.0sec																	
├	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec						
├	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec						
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)			Comp.	AEC Buffer	Interval						

**XOB #1C53: Synoptic Q95 2x2 - Al/mesh(181/1024/5795) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(256/2897/8192)**

Term	Pointing (x, y)	Comment
09/16 12:43:00 - 09/16 12:49:54	Fixed ( 0.0, 0.0)	# synoptic
PROG= 07	1-time(s)	
┌	Subr= 1	1-time(s) 2.0sec
├	Seqn= 5	1-time(s) 2.0sec
├	Open/Ti-poly	Open/thick-Al close Safe Dark 500ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
├	Open/Ti-poly	Open/thick-Al close Safe Dark 500ms Obs 4x4 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
├	Open/Ti-poly	Open/thick-Al close Safe Dark 500ms Obs 8x8 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
├	Open/Ti-poly	Open/thick-Al close Safe Dark 500ms Obs 1x1 2048x512 (1024, 1024) DPCM 0 0 2.0sec
├	Open/Ti-poly	Open/thick-Al close Safe Dark 500ms Obs 1x1 512x2048 (1024, 1024) DPCM 0 0 2.0sec
├	Seqn= 88	1-time(s) 2.0sec
├	Open/Al-mesh	Open/Al-mesh close Safe Norm 177ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
├	Open/Al-mesh	Open/Al-mesh close Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
├	Open/Al-mesh	Open/Al-mesh close Safe Norm 5.66s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
├	Seqn= 44	1-time(s) 2.0sec
├	Al-poly/Open	Al-poly/Open close Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
├	Al-poly/Open	Al-poly/Open close Safe Norm 2.83s 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
├	Seqn= 52	1-time(s) 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
├	thin-Be/Open	thin-Be/Open close Safe Norm 32.0s 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 #1C72: HOP79 QS Al/poly short/long (512ms/4096ms) with G-band (1ms, 1ms leak) + Dark (16s) 384x384 FOV 300s cad**

Term	Pointing (x, y)	Comment
09/16 12:53:00 - 09/16 13:36:54	Fixed ( -22.0, -984.0)	# HOP 79 1/20
09/16 13:40:00 - 09/16 14:06:54	Fixed ( -22.0, -884.0)	# 2/20
09/16 14:10:00 - 09/16 14:36:54	Fixed ( -22.0, -784.0)	# 3/20
09/16 14:40:00 - 09/16 15:06:54	Fixed ( -22.0, -684.0)	# 4/20
09/16 15:10:00 - 09/16 15:44:30	Fixed ( -22.0, -584.0)	# 5/20
09/16 16:00:30 - 09/16 16:27:24	Fixed ( -22.0, -484.0)	# 6/20
09/16 16:30:30 - 09/16 17:19:30	Fixed ( -22.0, -384.0)	# 7/20
09/16 17:47:00 - 09/16 18:13:54	Fixed ( -22.0, -284.0)	# 8/20
09/16 18:17:00 - 09/16 18:56:30	Fixed ( -22.0, -184.0)	# 9/20
09/16 19:24:00 - 09/16 19:50:54	Fixed ( -22.0, -84.0)	# 10/20
09/16 20:04:00 - 09/16 20:33:30	Fixed ( -22.0, 6.0)	# 11/20. XRT synoptic here.
09/16 21:00:30 - 09/16 21:27:24	Fixed ( -22.0, 106.0)	# 12/20
09/16 21:30:30 - 09/16 22:10:30	Fixed ( -22.0, 206.0)	# 13/20
09/16 22:37:30 - 09/16 23:04:24	Fixed ( -22.0, 306.0)	# 14/20
09/16 23:07:30 - 09/16 23:48:00	Fixed ( -22.0, 406.0)	# 15/20
09/17 00:11:30 - 09/17 00:38:24	Fixed ( -22.0, 506.0)	# 16/20
09/17 00:41:30 - 09/17 01:25:00	Fixed ( -22.0, 606.0)	# 17/20
09/17 01:36:00 - 09/17 02:02:54	Fixed ( -22.0, 706.0)	# 18/20
09/17 02:06:00 - 09/17 02:47:30	Fixed ( -22.0, 806.0)	# 19/20
09/17 03:11:30 - 09/17 03:44:54	Fixed ( -22.0, 906.0)	# 20/20
PROG= 10	Inf.-time(s)	
┌	Subr= 1	1-time(s) 2.0sec
├	Seqn= 92	1-time(s) 2.0sec
├	Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec
├	Open/G-band	Open/G-band close Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec
├	Open/Ti-poly	Open/thick-Al close Safe Dark 16.0s Obs 1x1 384x384 (1064, 1048) Q=98 0 0 2.0sec
└	Subr= 2	6-time(s) 2.0sec
├	Seqn= 7	1-time(s) 300.0sec
├	Al-poly/Open	Al-poly/Open close Safe Norm 4.00s Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec
├	Al-poly/Open	Al-poly/Open close Safe Norm 500ms 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

**XOB #1C7D: Synoptic 7 Filter w/ Al-mesh(181/1024/5795), Al-poly(256/2897/8192), Thin-Be(1024/11571/23142) - Thick-Be(65536), Al-poly+Ti-poly(512/8192),**

Term	Pointing (x, y)	Comment
09/16 19:54:00 - 09/16 20:00:54	Fixed ( -22.0, 6.0)	# 11/20. XRT synoptic here.
09/17 06:33:00 - 09/17 06:41:24	Fixed ( 0.0, 0.0)	HOP 349 + synoptic, shifted 31.5 min
PROG= 20	1-time(s)	
┌	Subr= 1	1-time(s) 2.0sec

Seqn	1-time(s)	2.0sec	Filter	Close	Safe	Norm	Dark	Exp	Obs	ROI: size (center)	Comp.	AEC Buffer	Interval
<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= 88 1-time(s) 2.0sec</b>													
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
<b>Seqn= 44 1-time(s) 2.0sec</b>													
Al-poly/Open	Al-poly/Open	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Al-poly/Open	Al-poly/Open	close	Safe	Norm	2.83s	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 1-time(s) 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= 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= 17 1-time(s) 2.0sec</b>													
med-Al/Open	med-Al/Open	close	Safe	Norm	5.66s	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= 86 1-time(s) 2.0sec</b>													
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec	
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec	
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval		

**XOB #1C21: HOP349 - 3-filter Synoptics (Al-mesh[512/2048/4096], Al-poly[512/4096/8192], thin-Be[3897/16384/32768] with 512x512 G-band+Leak(1064,1048)**

Term	Pointing (x, y)	Comment
09/17 03:52:00 - 09/17 06:29:54	Fixed ( 0.0, 0.0)	HOP 349 + synoptic, shifted 31.5 min

Subr	1-time(s)	300.0sec	Filter	Close	Safe	Norm	Dark	Exp	Obs	ROI: size (center)	Comp.	AEC Buffer	Interval
<b>PROG= 19 Inf.-time(s)</b>													
<b>Subr= 1 1-time(s) 300.0sec</b>													
<b>Seqn= 12 1-time(s) 2.0sec</b>													
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	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
<b>Seqn= 82 1-time(s) 2.0sec</b>													
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	
Al-poly/Open	Al-poly/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
<b>Seqn= 52 1-time(s) 2.0sec</b>													
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	
thin-Be/Open	thin-Be/Open	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
<b>Seqn= 81 1-time(s) 2.0sec</b>													
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1064, 1048)	Q=90	0	0	2.0sec	
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1064, 1048)	Q=95	0	0	2.0sec	
<b>Subr= 2 18-time(s) 150.0sec</b>													
<b>Seqn= 8 1-time(s) 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 1-time(s) 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 1-time(s) 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 #1C43: CME watch (HOP348) 4x4 - AEC 2 - 2-filter (Be-thin, Al-poly) - Thick-Be, Med-Be context - 40s cad**

Term	Pointing (x, y)	Comment
09/17 06:44:30 - 09/17 09:59:50	Track ( 35.2, -512.5) @ 09/17 06:41:30	# BP obs.

Subr	1-time(s)	40.0sec	Filter	Close	Safe	Norm	Dark	Exp	Obs	ROI: size (center)	Comp.	AEC Buffer	Interval
<b>PROG= 05 Inf.-time(s)</b>													
<b>Subr= 1 24-time(s) 40.0sec</b>													
<b>Seqn= 83 1-time(s) 2.0sec</b>													
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec	
<b>Seqn= 95 1-time(s) 2.0sec</b>													
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec	
<b>Subr= 2 1-time(s) 2.0sec</b>													
<b>Seqn= 66 1-time(s) 2.0sec</b>													
med-Be/Open	med-Be/Open	close	Safe	Norm	11.3s	Obs	8x8	2048x2048 (1024, 1024)	DPCM	3	0	2.0sec	
Open/thick-Be	Open/thick-Be	close	Safe	Norm	32.0s	Obs	8x8	2048x2048 (1024, 1024)	DPCM	0	0	2.0sec	
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval		

\* \* \* \* \*

### Flare mode

\* \* \* \* \*

XOB #1B8E: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Al/thick), AEC 3(thin-Be AEC2), 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512

Term	Pointing (x, y)	Comment
09/16 12:53:00 - 09/16 13:36:54	Fixed ( -22.0, -984.0)	# HOP 79 1/20
09/16 13:40:00 - 09/16 14:06:54	Fixed ( -22.0, -884.0)	# 2/20
09/16 14:10:00 - 09/16 14:36:54	Fixed ( -22.0, -784.0)	# 3/20
09/16 14:40:00 - 09/16 15:06:54	Fixed ( -22.0, -684.0)	# 4/20
09/16 15:10:00 - 09/16 15:44:30	Fixed ( -22.0, -584.0)	# 5/20
09/16 16:00:30 - 09/16 16:27:24	Fixed ( -22.0, -484.0)	# 6/20
09/16 16:30:30 - 09/16 17:19:30	Fixed ( -22.0, -384.0)	# 7/20
09/16 17:47:00 - 09/16 18:13:54	Fixed ( -22.0, -284.0)	# 8/20
09/16 18:17:00 - 09/16 18:56:30	Fixed ( -22.0, -184.0)	# 9/20
09/16 19:24:00 - 09/16 19:50:54	Fixed ( -22.0, -84.0)	# 10/20
09/16 20:04:00 - 09/16 20:33:30	Fixed ( -22.0, 6.0)	# 11/20. XRT synoptic here.
09/16 21:00:30 - 09/16 21:27:24	Fixed ( -22.0, 106.0)	# 12/20
09/16 21:30:30 - 09/16 22:10:30	Fixed ( -22.0, 206.0)	# 13/20
09/16 22:37:30 - 09/16 23:04:24	Fixed ( -22.0, 306.0)	# 14/20
09/16 23:07:30 - 09/16 23:48:00	Fixed ( -22.0, 406.0)	# 15/20
09/17 00:11:30 - 09/17 00:38:24	Fixed ( -22.0, 506.0)	# 16/20
09/17 00:41:30 - 09/17 01:25:00	Fixed ( -22.0, 606.0)	# 17/20
09/17 01:36:00 - 09/17 02:02:54	Fixed ( -22.0, 706.0)	# 18/20
09/17 02:06:00 - 09/17 02:47:30	Fixed ( -22.0, 806.0)	# 19/20
09/17 03:11:30 - 09/17 03:44:54	Fixed ( -22.0, 906.0)	# 20/20
09/17 03:52:00 - 09/17 06:29:54	Fixed ( 0.0, 0.0)	HOP 349 + synoptic, shifted 31.5 min
09/17 06:44:30 - 09/17 09:59:50	Track ( 35.2, -512.5) @ 09/17 06:41:30	# BP obs.

#### PROG= 13 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=100	1-time(s)	10.0sec										
thin-Be/Open	med-Be/Open close	Safe Norm	125ms	Obs	1x1	384x384 (1024, 1024)	Q=95	2	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-Al	Open/thick-Be close	Safe Norm	1.00s	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

\* \* \* \* \*

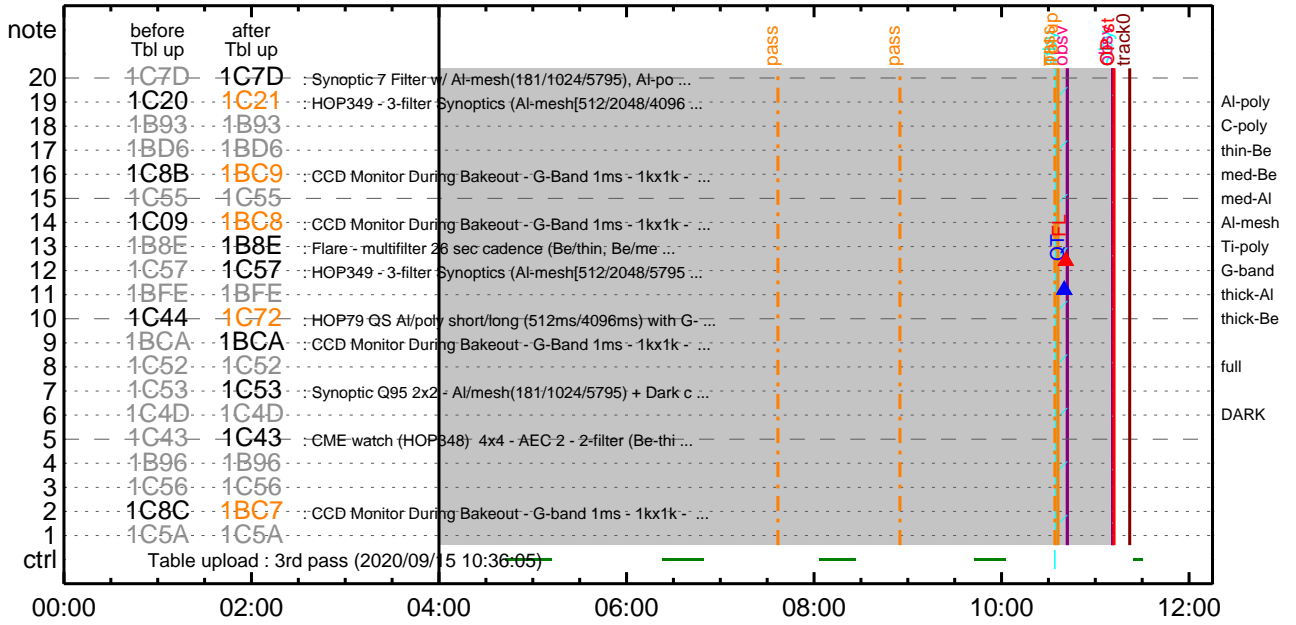
### Flare Detection

\* \* \* \* \*

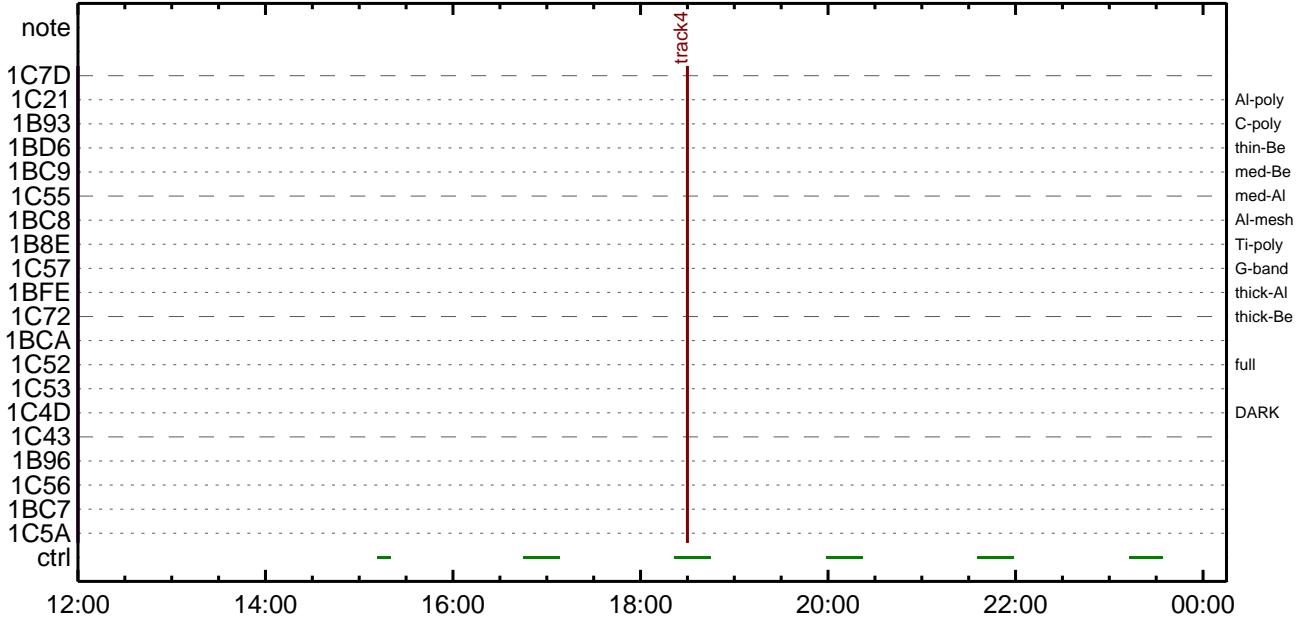
#### FLD Patrol

Term	Pointing (x, y)	Comment
09/16 12:50:18 - 09/16 19:51:18	Fixed ( -22.0, -984.0)	# HOP 79 1/20
09/16 20:01:18 - 09/17 06:30:18	Fixed ( -22.0, 6.0)	# 11/20. XRT synoptic here.
09/17 06:41:48 - 09/19 11:23:00	Track ( 35.2, -512.5) @ 09/17 06:41:30	# BP 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

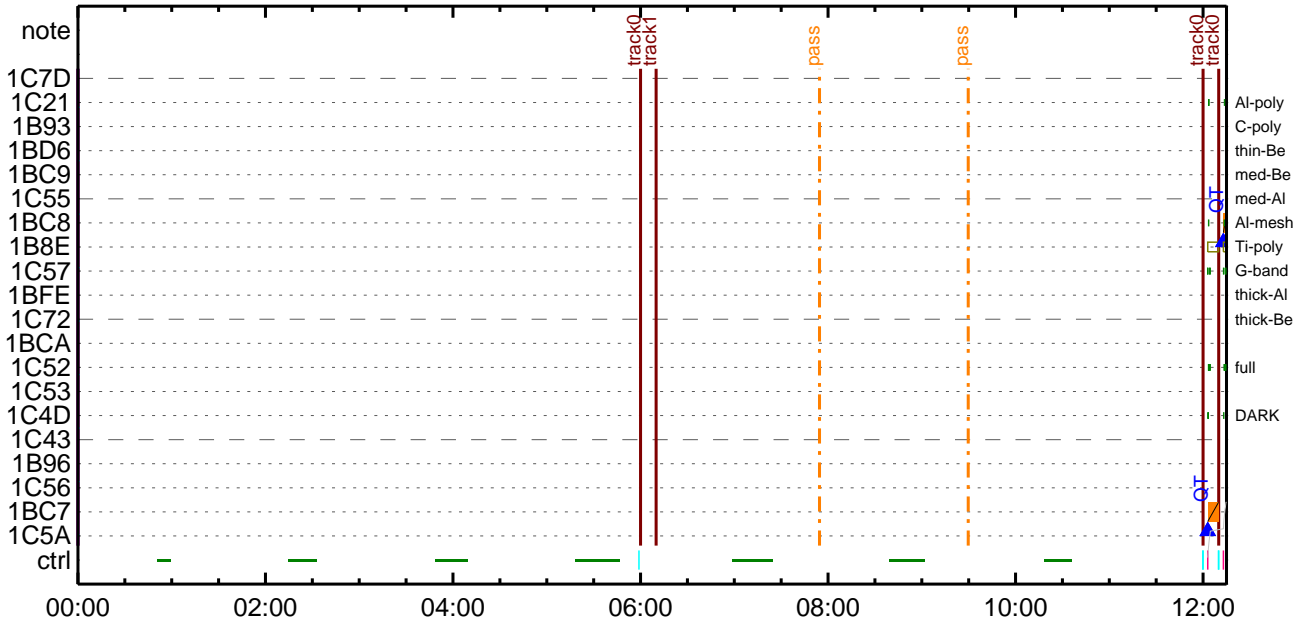
### CMDI #0169 2020/09/15



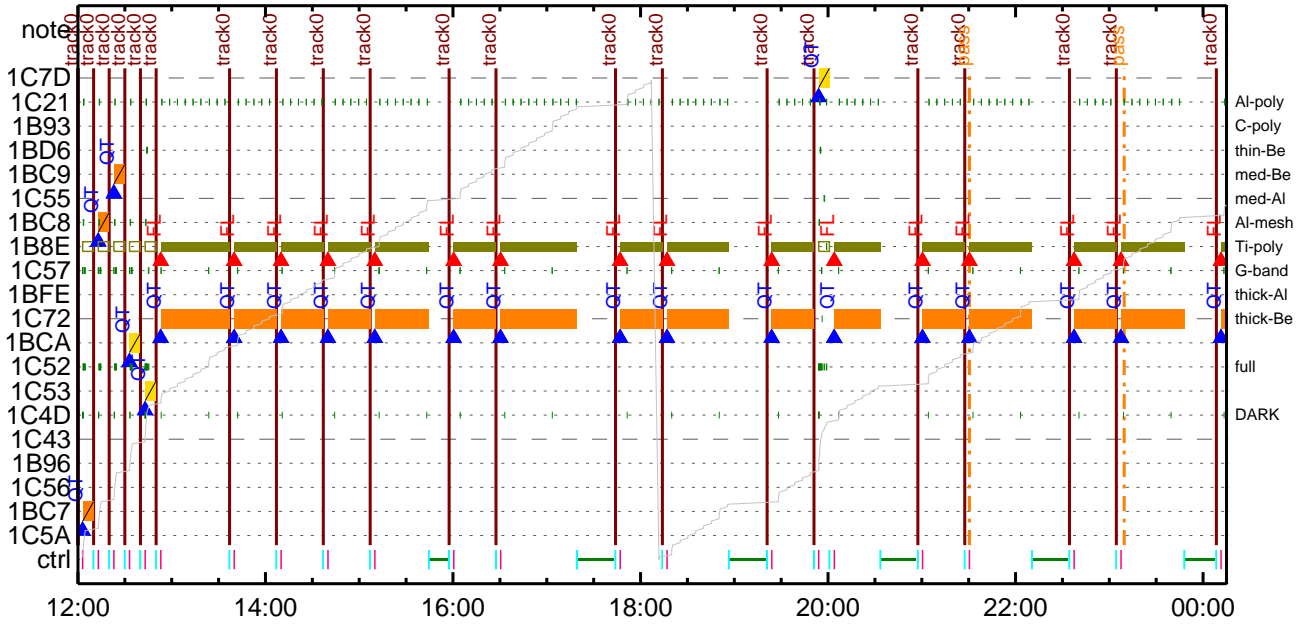
### CMDI #0169 2020/09/15



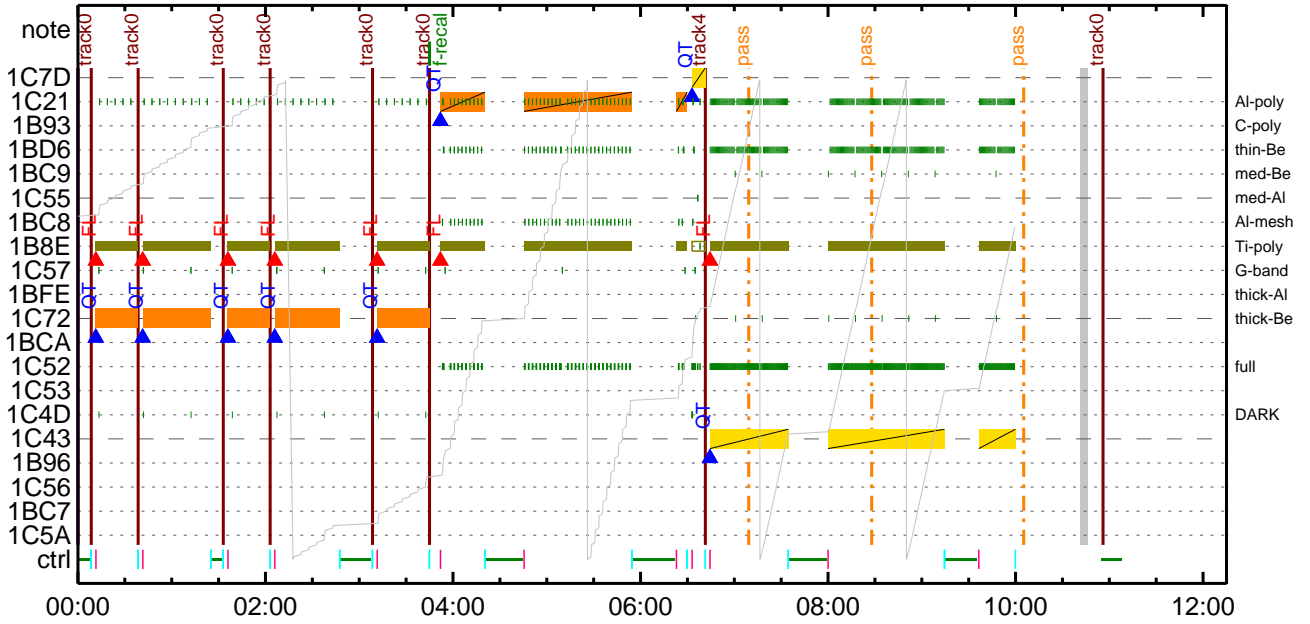
### CMDI #0169 2020/09/16



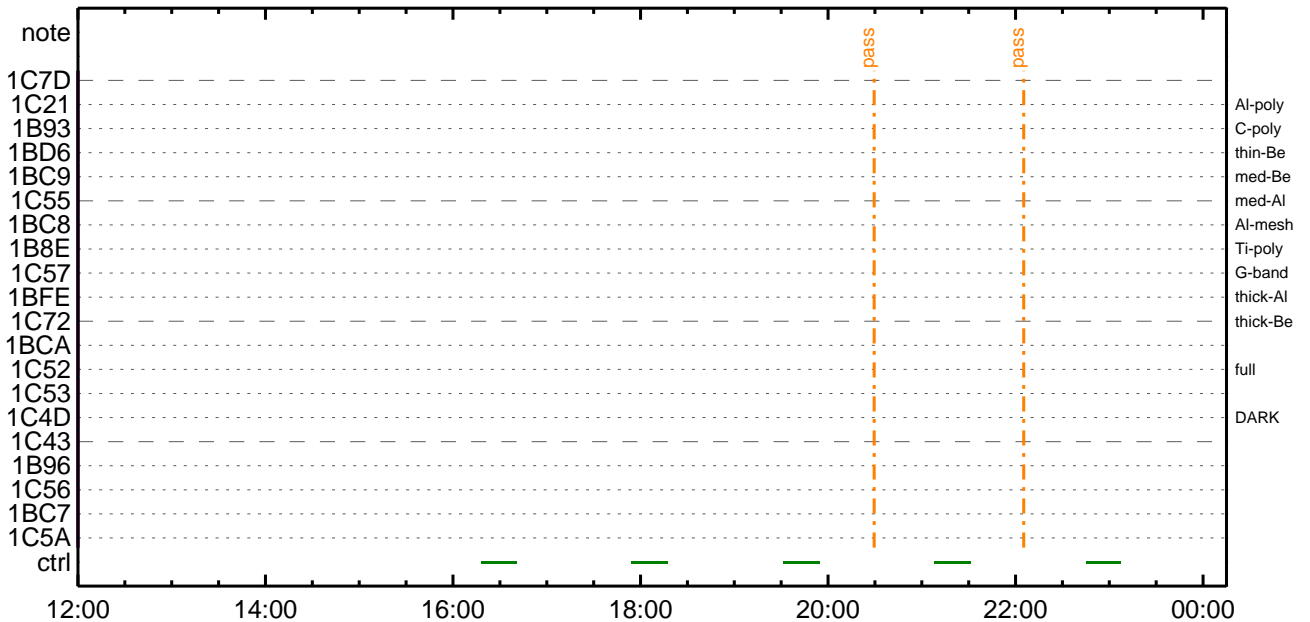
### CMDI #0169 2020/09/16



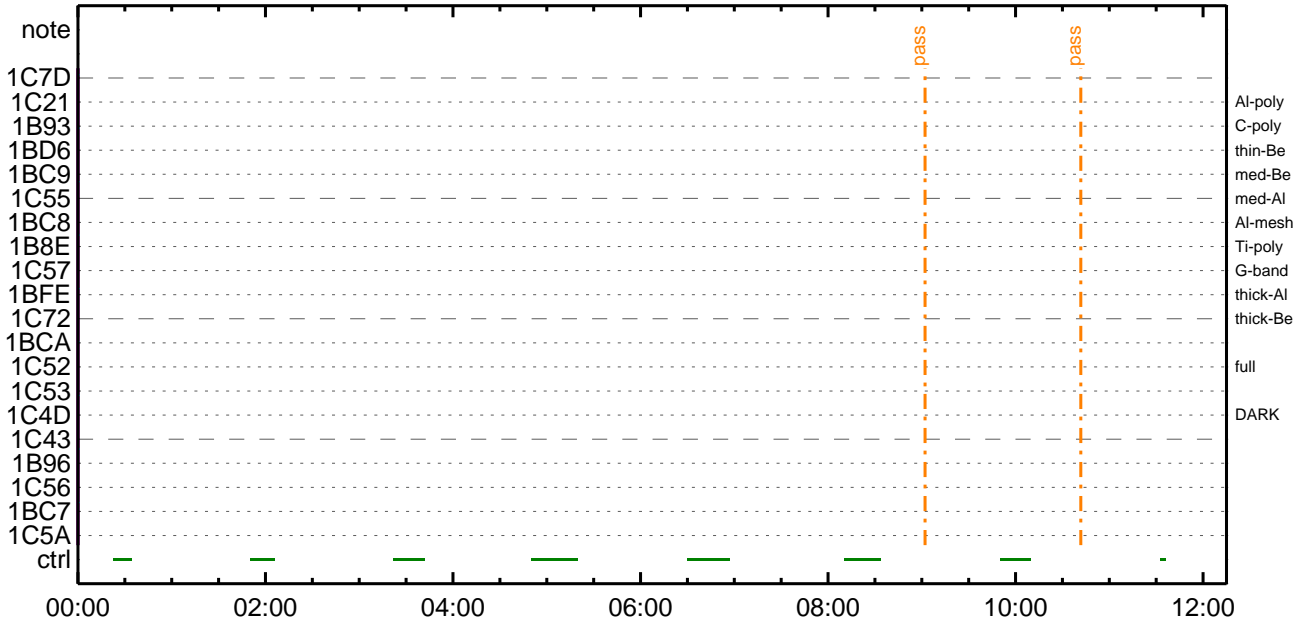
### CMDI #0169 2020/09/17



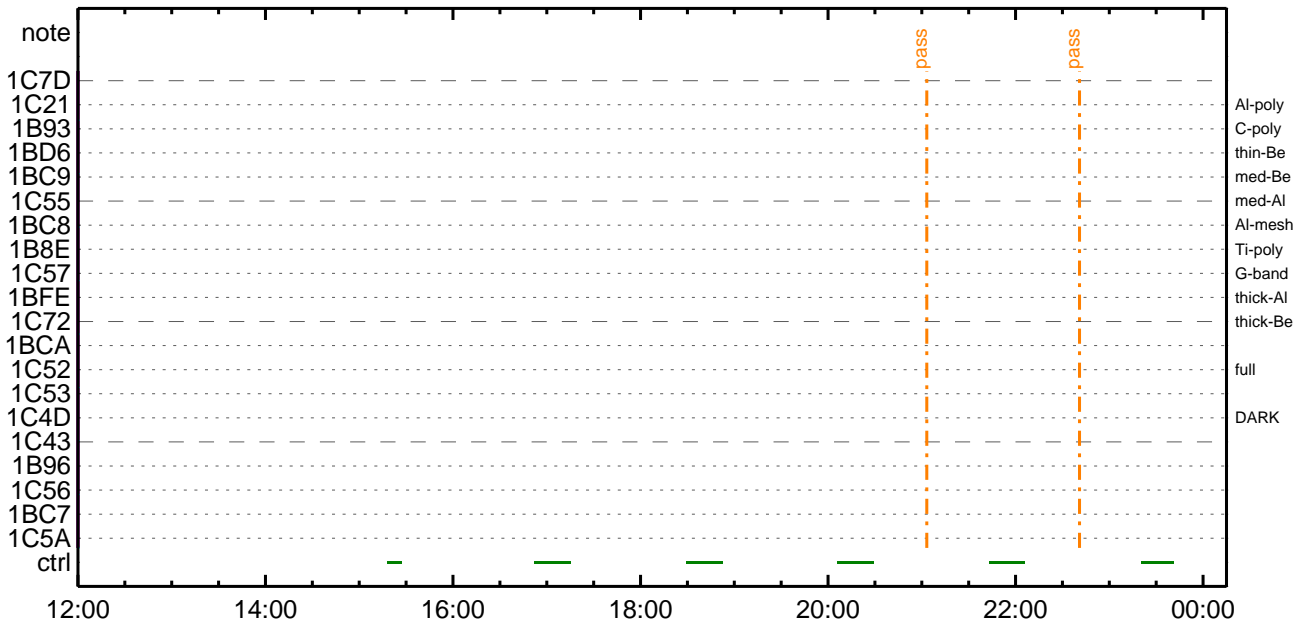
### CMDI #0169 2020/09/17



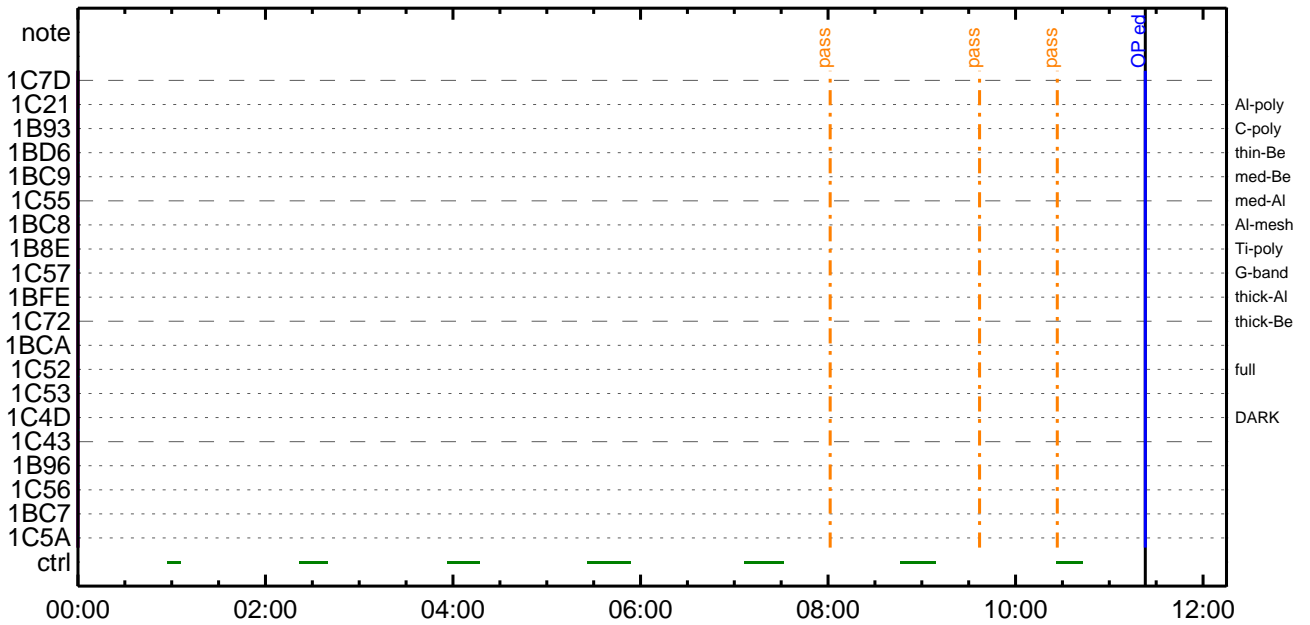
CMDI #0169 2020/09/18



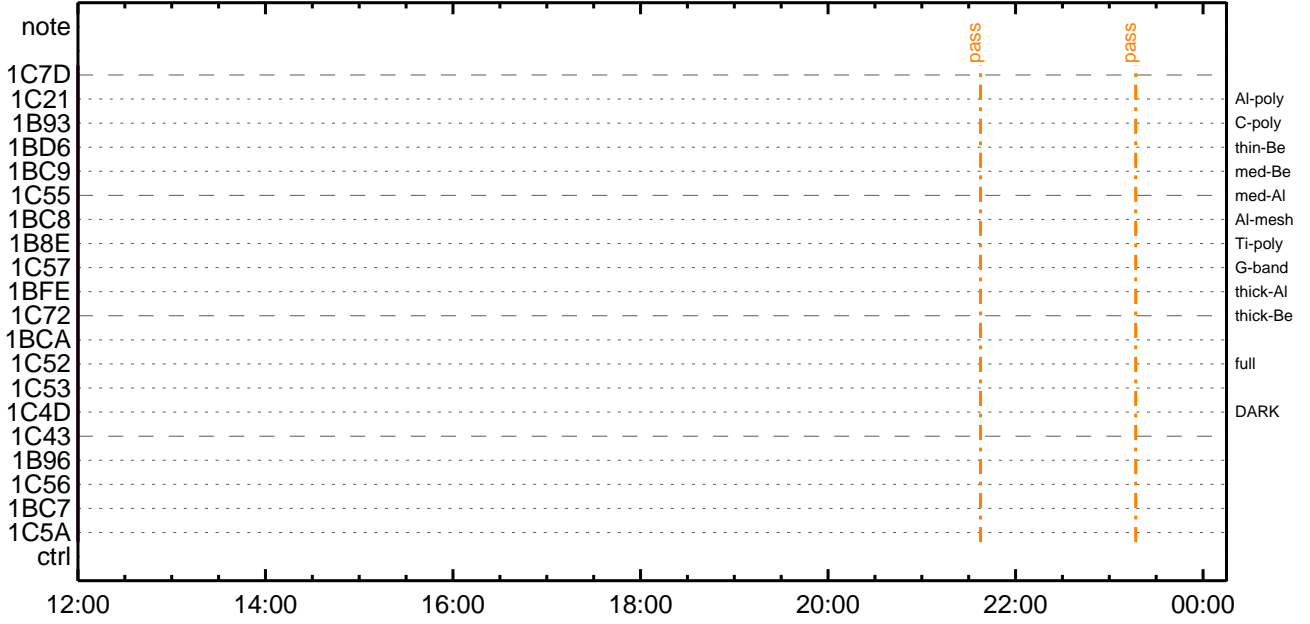
CMDI #0169 2020/09/18



CMDI #0169 2020/09/19



CMDI #0169 2020/09/19







0096 C. SET EDUMP I±°iYÑY¹aÇ¹Ôa|a³aE;f  
0097 C.  
0098 C. TIY³YF¥ÖYÉaòdÁDÍ¿(UT)  
0099 +. TI 2020-09-15 11:07:00.0  
0100 DC 01-B3 DHU\_OP\_STOP  
0101 C.                    çç[HK1\_TI\_CMD\_NUM]                    EQ            1COUNTUP  
0102 C.  
0103 +. TI 2020-09-15 11:07:01.0  
0104 DC 01-B4 DHU\_OP\_COPY  
0105 C.                    çç[HK1\_TI\_CMD\_NUM]                    EQ            1COUNTUP  
0106 C.  
0107 +. TI 2020-09-15 11:07:01.0  
0108 DC 01-B5 DHU\_OPOG\_COPY  
0109 C.                    çç[HK1\_TI\_CMD\_NUM]                    EQ            1COUNTUP  
0110 C.  
0111 +. TI 2020-09-15 11:11:59.5  
0112 DC 01-B2 DHU\_OP\_START  
0113 C.                    çç[HK1\_TI\_CMD\_NUM]                    EQ            1COUNTUP  
0114 C.  
0115 C. °E²¼aİÄè%îÍÑaİYÁ¥§YÁY-¹àÛ  
0116 C.                    çç[HK1\_TI\_CMD\_ENA/DIS]                    EQ            ENA  
0117 C.                    çç[HK1\_TI\_CMD\_NUM]                    EQ            4  
0118 C.                    çç[HK1\_NEXT\_EXEC\_PIM]                    EQ            DHU  
0119 C.                    çç[HK1\_NEXT\_EXEC\_DC]                    EQ            0xB3  
0120 C.  
0121 C. \*\*\*\*\*  
0122 C. TIÍÎ°èYÁYÖY×  
0123 C. \*\*\*\*\*  
0124 C.  
0125 C. TI\_TBL(0x03AB00-0x03AEFF;§ 1024byte)  
0126 +. DC 01-23 DHU\_DMA\_DMP\_PRM\_SET  
0127 BC                    (03 ab 03 01 02)  
0128 C.                    çç[HK1\_DMP\_TOP\_ADRS\_1]                    EQ            07  
0129 C.                    çç[HK1\_DMP\_TOP\_ADRS\_0]                    EQ            2B  
0130 C.                    çç[HK1\_DMP\_BLOCK\_NUM]                    EQ            3  
0131 C.                    çç[HK1\_DMP\_REPEAT\_NUM]                    EQ            0  
0132 C.                    çç[HK1\_DMA\_DMP\_PIM]                    EQ            DHU  
0133 +. DC 01-22 DHU\_MODE\_CHNG  
0134 BC                    (07 0b f8)  
0135 C.                    çç[HK1\_PKT\_FORM\_NO]                    EQ            7  
0136 C.                    çç[HK1\_PKT\_GEN\_TIME]                    EQ            0.25 s  
0137 C.                    çç[HK1\_S\_TLM\_BIT\_RATE]                    EQ            32k  
0138 C.                    çç[HK1\_X\_TLM\_BIT\_RATE]                    EQ            4M  
0139 C.                    çç[HK1\_DMP\_CHK\_FLG]                    EQ            EXEC  
0140 C.  
0141 C. YÁYÖY×½ªİ»òð³ÍÇ§  
0142 C.                    çç[HK1\_DMP\_CHK\_FLG]                    EQ            NON  
0143 C.  
0144 C. RAM ID=TI\_TBLaİ%È¹Ç•è²İOKòð³ÍÇ§  
0145 C.  
0146 C. DHUYâ;¼YÉ;È¼Y½,¥î;¼YÈ;Èòðİáa¹  
0147 +. DC 01-22 DHU\_MODE\_CHNG  
0148 BC                    (02 0a f8)  
0149 C.                    çç[HK1\_PKT\_FORM\_NO]                    EQ            2  
0150 C.                    çç[HK1\_PKT\_GEN\_TIME]                    EQ            0.5S  
0151 C.                    çç[HK1\_S\_TLM\_BIT\_RATE]                    EQ            32K  
0152 C.                    çç[HK1\_X\_TLM\_BIT\_RATE]                    EQ            4M  
0153 C.  
0154 C. 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 2020-09-15 11:11:30.0  
0161 DC 07-FC EIS\_MODE\_MANU  
0162 BC                    (21 02)  
0163 +. TI 2020-09-15 11:11:40.0  
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 2020-09-15 11:11:00.0  
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 ´úÃîaİ»ò¼YªÈÁða¹aèDCBC•x²è \*\*\*\*\*  
0181 C. (%á°îYÖYÁYÉY¥YÉYÁYÇYèaÈ¼aª¼Á»Ûa¹aè)  
0182 C. S. DC-BC dcbc-402:DCBC  
0183 C. (MDP\_known\_event)  
0184 C.  
0185 C.  
0186 C. \*\*\*\*\* YD¥¹•İ Daily±¿İÑaÈ¹Øa¹aèDCBC•x²è \*\*\*\*\*  
0187 C. S. DC-BC dcbc-153:DCBC  
0188 C. (SPECIAL-CMD\_DAILY\_OPERATIN\_DCB)  
0189 C.  
0190 C.  
0191 C. ;ãLOS¥ÁY§YÁY-¼Á»Û;ã  
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 = 4627032.8 +- 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 50s
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 2020-09-15 11:11:50.0
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°î¼ÝðËÄð¹ñèDCBC•x²è)
0166 . S. DC-BC dcbc-402:DCBC
0167 (MDP_known_event)
0168 C.
0169 C.
0170 . C. ***** ¼D¼¹•î Daily±¼îñè'ø¹ñèDCBC•x²è *****
0171 . S. DC-BC dcbc-153:DCBC
0172 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0173 C.
0174 C.
0175 . C. ;ãLOS¼Á¼S¼Ä¼-¼Ä»Û;ã
0176 C.
0177 . C. ***** LOS *****
0178 C.

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(a) Spacecraft Operation Procedure (real-commands)

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main-028 2020-09-15 11:33:09 188 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSÝÁÝ$ÝÄÝ~¼Ä»Û;ã
0005 C.
0006 C. ÝÀÝß;¼Ý³ÝÞÝÓÝÉÁ+ç®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C.   Áí;ÈççãÄã•μ°Æ>Í×ÁÇçÍÝçÝÄÝ×Ýí;¼ÝÉ;ÈÈÈ¼μ•ííÈ;ÈãÈ¼°Ççã•çç¼í¹çãí;çÃ®, ùã¹ãÈãçãçÃ+ççã•ãÈããã³ãÈ;ç
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÁ+ççμ;ON
0016 C. *****
0017 C. ç  °ÆÀ, Í×ÈÝçãäLOSçãçãí»´Óçð¹íí, çã; çÉçÍ×çÈXÁçONçí¹çãÈçíçÈããã³çÈ;ç
0018 C.
0019 +. DC 03-B4 TCIA_XPA_ON/HI
0020 M. WAIT_SEC 1
0021 + DC 03-84 TCIA_XMOD_ON
0022 M. WAIT_SEC 1
0023 + DC 03-95 TCIA_XMOD_QPSK
0024 C.             çç[HK1_XPA_ON/OFF]             EQ      ON
0025 C.             çç[HK1_XPA_PWR_HI/LO]          EQ      HI
0026 C.             çç[HK1_XMOD_ON/OFF]            EQ      ON
0027 C.             çç[HK1_XMOD_QPSK/PM]           EQ      QPSK
0028 C.
0029 . C. XÝDÝÓÝÉÝíÝÄÝ~¼óÃçãçãÄêçãç;çç°È²¼çãí°ÆÀ, ¼È¼ççð¼Á¹çã¹çãç;ç
0030 C.
0031 . C. *****
0032 C. DR PT1 Áí¼í°ÆÀ,
0033 C. *****
0034 C. ç  RESTART;ÈPT1;Èçã•çççç¼í¹çãí;çç°È²¼çãí°ÆÀ¹çãçççãç°;çDCBC-150ççççÈççã;ç
0035 C.
0036 . C. ;ãPT1°ÆÀ, ³«»í;ã
0037 +. DC 01-29 DHU_S/X_VC4_OFF
0038 + DC 06-C8 DR_PT1_REP_SEL
0039 BC          (01 00)
0040 + DC 06-B3 DR_REP_START
0041 + DC 01-32 DHU_X_VC4_ON
0042 C.             çç[HK1_REP_PT_1/2]             EQ      PT1      (¼Á¹çãç, ;¼Ó)
0043 C.             çç[HK1_REP_STA/STP]            EQ      START   (¼Á¹çãç, ;¼Ó)
0044 C.             çç[HK1_X_VC4_ON/OFF]            EQ      ON       (¼Á¹çãç, ;¼Ó)
0045 C.
0046 . C. ;ãÝçÝÓÝÉÝÈÁÜÁç;ÈÁ•Á°²óÈç;È, áçãí°ÆÀ, °Æ³«;ã
0047 +. DC 06-B3 DR_REP_START
0048 + DC 01-32 DHU_X_VC4_ON
0049 C.             çç[HK1_REP_PT_1/2]             EQ      PT1      (¼Á¹çãç, ;¼Ó)
0050 C.             çç[HK1_REP_STA/STP]            EQ      START   (¼Á¹çãç, ;¼Ó)
0051 C.             çç[HK1_X_VC4_ON/OFF]            EQ      ON       (¼Á¹çãç, ;¼Ó)
0052 C.
0053 C.
0054 . C. PT1°ÆÀ, ç~¼«Æ°Áã»ßçãçç;ã;çç°È²¼çãç¼Á¹çãç¹çãç;ç
0055 C. ÝçÝÓÝÉÝÈÁÜÁçççãçÁ•Á°²óÈççççãç¼í¹çãí°í»çã¹çãÈççãççççççççç;ç
0056 C.
0057 . C. *****
0058 C. DR PT2 Áí¼í°ÆÀ,
0059 C. *****
0060 C. ç  RESTART;ÈPT2;Èçã•çççç¼í¹çãí;çç°È²¼çãí°ÆÀ¹çãçççãç°;çDCBC-151ççççÈççã;ç
0061 C.
0062 . C. ;ãPT2°ÆÀ, ³«»í;ã
0063 +. DC 01-29 DHU_S/X_VC4_OFF
0064 + DC 06-C8 DR_PT2_REP_SEL
0065 BC          (02 00)
0066 + DC 06-B3 DR_REP_START
0067 + DC 01-32 DHU_X_VC4_ON
0068 C.             çç[HK1_REP_PT_1/2]             EQ      PT2      (¼Á¹çãç, ;¼Ó)
0069 C.             çç[HK1_REP_STA/STP]            EQ      START   (¼Á¹çãç, ;¼Ó)
0070 C.             çç[HK1_X_VC4_ON/OFF]            EQ      ON       (¼Á¹çãç, ;¼Ó)
0071 C.
0072 . C. ;ãÝçÝÓÝÉÝÈÁÜÁç;ÈÁ•Á°²óÈç;È, áçãí°ÆÀ, °Æ³«;ã
0073 +. DC 06-B3 DR_REP_START
0074 + DC 01-32 DHU_X_VC4_ON
0075 C.             çç[HK1_REP_PT_1/2]             EQ      PT2      (¼Á¹çãç, ;¼Ó)
0076 C.             çç[HK1_REP_STA/STP]            EQ      START   (¼Á¹çãç, ;¼Ó)
0077 C.             çç[HK1_X_VC4_ON/OFF]            EQ      ON       (¼Á¹çãç, ;¼Ó)
0078 C.
0079 . C. *****
0080 C. DR°ÆÀ, Áã»ß;çXÁ+ççμ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°ÆÀ, Áã»ß;ã
0084 +. DC 06-B4 DR_REP_STOP
0085 + DC 01-29 DHU_S/X_VC4_OFF
0086 C.             çç[HK1_REP_STA/STP]            EQ      STOP
0087 C.             çç[HK1_S_VC4_ON/OFF]            EQ      OFF
0088 C.             çç[HK1_X_VC4_ON/OFF]            EQ      OFF
0089 C.
0090 . C. ;ãXÁ+ççμ;OFF;ã
0091 +. DC 03-85 TCIA_XMOD_OFF
0092 M. WAIT_SEC 1
0093 + DC 03-B5 TCIA_XPA_OFF
0094 C.             çç[HK1_XMOD_ON/OFF]             EQ      OFF
0095 C.             çç[HK1_XPA_ON/OFF]             EQ      OFF
  
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0096 C.
0097 C.
0098 C.
0099 C. ***** XRT START *****
0100 C.
0101 +. DC 07-F0 MDP_XRT_CTRL_MANU
0102 BC (c1)
0103 + DC 07-F0 MDP_XRT_MODE_STBY
0104 BC (c3)
0105 . C. ----- Success Verify ? OK / NG ____
0106 C.
0107 C. XRT Obs. Table Upload
0108 . S. RAM ram-291:MDP_OBS_X
0109 ( )
0110 C.
0111 +. DC 07-F0 MDP_DUMP_XRTTBL
0112 BC (84 07 00 00 00 3a d4)
0113 . C. ----- Comparison Check ? OK / ERR ____
0114 C.
0115 C.
0116 +. DC 07-F0 MDP_XRT_ROI_SET
0117 BC (cd 01 b1 b1 04 04)
0118 + DC 07-F0 MDP_XRT_ROI_SET
0119 BC (cd 02 b1 b1 08 08)
0120 + DC 07-F0 MDP_XRT_ROI_SET
0121 BC (cd 03 b1 b1 08 08)
0122 + DC 07-F0 MDP_XRT_ROI_SET
0123 BC (cd 04 b1 b1 06 06)
0124 + DC 07-F0 MDP_XRT_ROI_SET
0125 BC (cd 06 80 80 20 20)
0126 + DC 07-F0 MDP_XRT_ROI_SET
0127 BC (cd 07 85 83 08 08)
0128 + DC 07-F0 MDP_XRT_ROI_SET
0129 BC (cd 08 c0 c0 10 10)
0130 + DC 07-F0 MDP_XRT_ROI_SET
0131 BC (cd 09 40 c0 10 10)
0132 + DC 07-F0 MDP_XRT_ROI_SET
0133 BC (cd 0a 40 40 10 10)
0134 + DC 07-F0 MDP_XRT_ROI_SET
0135 BC (cd 0b c0 40 10 10)
0136 + DC 07-F0 MDP_XRT_ROI_SET
0137 BC (cd 0c 80 80 20 08)
0138 + DC 07-F0 MDP_XRT_ROI_SET
0139 BC (cd 0d 80 80 08 20)
0140 + DC 07-F0 MDP_XRT_ROI_SET
0141 BC (cd 0e 85 83 06 06)
0142 + DC 07-F0 MDP_XRT_ROI_SET
0143 BC (cd 0f 80 80 06 06)
0144 + DC 07-F0 MDP_XRT_ROI_SET
0145 BC (cd 10 80 80 08 08)
0146 + DC 07-F0 MDP_XRT_FLD_ENA
0147 BC (d8)
0148 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0149 BC (c8)
0150 + DC 07-F0 MDP_XRT_ARS_DIS
0151 BC (d5)
0152 + DC 07-F0 MDP_XRT_AEC_RESET
0153 BC (d0)
0154 + DC 07-F0 MDP_XRT_FLD_RESET
0155 BC (da)
0156 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0157 BC (c4 0c)
0158 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0159 BC (c5 0d)
0160 . C. ----- Success Verify ? OK / NG ____
0161 C.
0162 C.
0163 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0164 C.
0165 +. DC 07-F0 MDP_XRT_MODE_OBSV
0166 BC (c2)
0167 +. TI 2020-09-15 11:11:02.0
0168 DC 07-F0 MDP_XRT_MODE_OBSV
0169 BC (c2)
0170 . C. ----- Success Verify ? OK / NG ____
0171 C.
0172 C. ***** XRT END *****
0173 C.
0174 . C. ***** MDP `uÃîâî»ö¼ÝðÊÃÐâ¹âèDCBC·x²è *****
0175 C. (%ã°îÿÖYÁYËYÏYáYçYèâE%¼ã¼Ã»Ûâ¹è)
0176 . S. DC-BC dcbc-402:DCBC
0177 (MDP_known_event)
0178 C.
0179 C.
0180 . C. ***** ¥D¥¹·î Daily±¿ÍñâÉ´Øâ¹âèDCBC·x²è *****
0181 . S. DC-BC dcbc-153:DCBC
0182 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0183 C.
0184 C.
0185 . C. ;ãLOS¥Á¥$¥Ã¥¹¼Ã»Û;ã
0186 C.
0187 . C. ***** LOS *****
0188 C.

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

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2020/09/15 11:22:00.5 AOCs_OrE-point_Start_1_OG [0x097]
                        AOCU_NM                    5 02-76 00 b3 75 01 f3
2020/09/15 18:30:00.0 AOCs_OrE-point_Start_2_OG [0x098]
                        AOCU_NM                    5 02-76 04 00 00 00 00
2020/09/16 05:59:00.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2020/09/16 05:59:02.0 XRT_TCIB_XRT_S_HTR_A_DIS_429_OG [0x1ad]
                        TCIB_XRT_S_HTR_A_DIS      0 04-C0
2020/09/16 06:00:00.0 AOCs_OrE-point_Start_3_OG [0x099]
                        AOCU_NM                    5 02-76 00 00 00 00 00
2020/09/16 06:10:00.0 AOCs_OrE-point_Start_4_OG [0x09a]
                        AOCU_NM                    5 02-76 01 00 00 00 00
2020/09/16 11:59:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2020/09/16 11:59:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2020/09/16 11:59:58.0 XRT_FOCUS_POSITION_422_OG [0x1a6]
                        XRT_FOCUS_POSITION        4 07-F8 22 ff aa 00
2020/09/16 12:00:00.0 AOCs_OrE-point_Start_5_OG [0x09b]
                        AOCU_NM                    5 02-76 00 2e f9 2e f9
2020/09/16 12:02:52.0 XRT_ARS_DIS_444_OG [0x1bc]
                        MDP_XRT_ARS_DIS           1 07-F0 d5
2020/09/16 12:02:54.0 XRT_FLRCTRL_DIS_428_OG [0x1ac]
                        MDP_XRT_FLRCTRL_DIS       1 07-F0 c9
2020/09/16 12:02:56.0 XRT_FLD_DIS_425_OG [0x1a9]
                        MDP_XRT_FLD_DIS           1 07-F0 d9
2020/09/16 12:02:58.0 XRT_QT_PROG_SET_438_OG [0x1b6]
                        MDP_XRT_QT_PROG_SET       2 07-F0 c4 02
2020/09/16 12:03:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO         1 07-F0 c0
2020/09/16 12:09:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2020/09/16 12:09:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2020/09/16 12:09:58.0 XRT_FOCUS_POSITION_422_OG [0x1a6]
                        XRT_FOCUS_POSITION        4 07-F8 22 ff aa 00
2020/09/16 12:10:00.0 AOCs_OrE-point_Start_6_OG [0x09c]
                        AOCU_NM                    5 02-76 00 2e f9 d1 07
2020/09/16 12:12:52.0 XRT_ARS_DIS_444_OG [0x1bc]
                        MDP_XRT_ARS_DIS           1 07-F0 d5
2020/09/16 12:12:54.0 XRT_FLRCTRL_DIS_428_OG [0x1ac]
                        MDP_XRT_FLRCTRL_DIS       1 07-F0 c9
2020/09/16 12:12:56.0 XRT_FLD_DIS_425_OG [0x1a9]
                        MDP_XRT_FLD_DIS           1 07-F0 d9
2020/09/16 12:12:58.0 XRT_QT_PROG_SET_436_OG [0x1b4]
                        MDP_XRT_QT_PROG_SET       2 07-F0 c4 0e
2020/09/16 12:13:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO         1 07-F0 c0
2020/09/16 12:19:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2020/09/16 12:19:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2020/09/16 12:19:58.0 XRT_FOCUS_POSITION_422_OG [0x1a6]
                        XRT_FOCUS_POSITION        4 07-F8 22 ff aa 00
2020/09/16 12:20:00.0 AOCs_OrE-point_Start_7_OG [0x09d]
                        AOCU_NM                    5 02-76 00 d1 07 d1 07
2020/09/16 12:22:52.0 XRT_ARS_DIS_444_OG [0x1bc]
                        MDP_XRT_ARS_DIS           1 07-F0 d5
2020/09/16 12:22:54.0 XRT_FLRCTRL_DIS_428_OG [0x1ac]
                        MDP_XRT_FLRCTRL_DIS       1 07-F0 c9
2020/09/16 12:22:56.0 XRT_FLD_DIS_425_OG [0x1a9]
                        MDP_XRT_FLD_DIS           1 07-F0 d9
2020/09/16 12:22:58.0 XRT_QT_PROG_SET_441_OG [0x1b9]
                        MDP_XRT_QT_PROG_SET       2 07-F0 c4 10
2020/09/16 12:23:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO         1 07-F0 c0
2020/09/16 12:29:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2020/09/16 12:29:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2020/09/16 12:29:58.0 XRT_FOCUS_POSITION_422_OG [0x1a6]
                        XRT_FOCUS_POSITION        4 07-F8 22 ff aa 00
2020/09/16 12:30:00.0 AOCs_OrE-point_Start_8_OG [0x09e]
                        AOCU_NM                    5 02-76 00 d1 07 2e f9
2020/09/16 12:32:52.0 XRT_ARS_DIS_444_OG [0x1bc]
                        MDP_XRT_ARS_DIS           1 07-F0 d5
2020/09/16 12:32:54.0 XRT_FLRCTRL_DIS_428_OG [0x1ac]
                        MDP_XRT_FLRCTRL_DIS       1 07-F0 c9
2020/09/16 12:32:56.0 XRT_FLD_DIS_425_OG [0x1a9]
                        MDP_XRT_FLD_DIS           1 07-F0 d9
2020/09/16 12:32:58.0 XRT_QT_PROG_SET_414_OG [0x19e]
                        MDP_XRT_QT_PROG_SET       2 07-F0 c4 09
2020/09/16 12:33:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO         1 07-F0 c0
2020/09/16 12:39:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2020/09/16 12:39:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2020/09/16 12:39:58.0 XRT_FOCUS_POSITION_406_OG [0x196]
                        XRT_FOCUS_POSITION        4 07-F8 22 ff aa 00
2020/09/16 12:40:00.0 AOCs_OrE-point_Start_3_OG [0x099]

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2020/09/16	12:40:18.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00	00	00	00	00
		MDP_XRT_FLD_DIS		1	07-F0	d9				
2020/09/16	12:40:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]		1	07-F0	c9				
		MDP_XRT_FLRCTRL_DIS		1	07-F0	c9				
2020/09/16	12:40:22.0	XRT_ARS_DIS_443_OG [0x1bb]		1	07-F0	d5				
		MDP_XRT_ARS_DIS		1	07-F0	d5				
2020/09/16	12:42:58.0	XRT_QT_PROG_SET_401_OG [0x191]		2	07-F0	c4	07			
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	07			
2020/09/16	12:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2020/09/16	12:49:54.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2020/09/16	12:49:56.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2020/09/16	12:49:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]		4	07-F8	22	fe	97	00	
		XRT_FOCUS_POSITION		4	07-F8	22	fe	97	00	
2020/09/16	12:50:00.0	AOCS_Ore-point_Start_9_OG [0x09f]		5	02-76	00	57	74	01	f3
		AOCU_NM		5	02-76	00	57	74	01	f3
2020/09/16	12:50:18.0	XRT_FLD_ENA_411_OG [0x19b]		1	07-F0	d8				
		MDP_XRT_FLD_ENA		1	07-F0	d8				
2020/09/16	12:50:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		1	07-F0	c8				
		MDP_XRT_FLRCTRL_ENA		1	07-F0	c8				
2020/09/16	12:50:22.0	XRT_AEC_RESET_448_OG [0x1c0]		1	07-F0	d0				
		MDP_XRT_AEC_RESET		1	07-F0	d0				
2020/09/16	12:50:24.0	XRT_ARS_DIS_423_OG [0x1a7]		1	07-F0	d5				
		MDP_XRT_ARS_DIS		1	07-F0	d5				
2020/09/16	12:50:26.0	XRT_FLD_RESET_434_OG [0x1b2]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2020/09/16	12:52:56.0	XRT_QT_PROG_SET_433_OG [0x1b1]		2	07-F0	c4	0a			
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	0a			
2020/09/16	12:52:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]		2	07-F0	c5	0d			
		MDP_XRT_FL_PROG_SET		2	07-F0	c5	0d			
2020/09/16	12:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2020/09/16	13:36:54.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2020/09/16	13:36:56.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2020/09/16	13:36:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]		4	07-F8	22	fe	97	00	
		XRT_FOCUS_POSITION		4	07-F8	22	fe	97	00	
2020/09/16	13:37:00.0	AOCS_Ore-point_Start_10_OG [0x0a0]		5	02-76	00	4e	97	01	f3
		AOCU_NM		5	02-76	00	4e	97	01	f3
2020/09/16	13:37:18.0	XRT_FLD_ENA_411_OG [0x19b]		1	07-F0	d8				
		MDP_XRT_FLD_ENA		1	07-F0	d8				
2020/09/16	13:37:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		1	07-F0	c8				
		MDP_XRT_FLRCTRL_ENA		1	07-F0	c8				
2020/09/16	13:37:22.0	XRT_AEC_RESET_448_OG [0x1c0]		1	07-F0	d0				
		MDP_XRT_AEC_RESET		1	07-F0	d0				
2020/09/16	13:37:24.0	XRT_ARS_DIS_423_OG [0x1a7]		1	07-F0	d5				
		MDP_XRT_ARS_DIS		1	07-F0	d5				
2020/09/16	13:37:26.0	XRT_FLD_RESET_434_OG [0x1b2]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2020/09/16	13:39:56.0	XRT_QT_PROG_SET_433_OG [0x1b1]		2	07-F0	c4	0a			
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	0a			
2020/09/16	13:39:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]		2	07-F0	c5	0d			
		MDP_XRT_FL_PROG_SET		2	07-F0	c5	0d			
2020/09/16	13:40:00.0	XRT_CTRL_AUTO_408_OG [0x198]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2020/09/16	14:06:54.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2020/09/16	14:06:56.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2020/09/16	14:06:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]		4	07-F8	22	fe	97	00	
		XRT_FOCUS_POSITION		4	07-F8	22	fe	97	00	
2020/09/16	14:07:00.0	AOCS_Ore-point_Start_11_OG [0x0a1]		5	02-76	00	45	b2	01	f3
		AOCU_NM		5	02-76	00	45	b2	01	f3
2020/09/16	14:07:18.0	XRT_FLD_ENA_411_OG [0x19b]		1	07-F0	d8				
		MDP_XRT_FLD_ENA		1	07-F0	d8				
2020/09/16	14:07:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		1	07-F0	c8				
		MDP_XRT_FLRCTRL_ENA		1	07-F0	c8				
2020/09/16	14:07:22.0	XRT_AEC_RESET_448_OG [0x1c0]		1	07-F0	d0				
		MDP_XRT_AEC_RESET		1	07-F0	d0				
2020/09/16	14:07:24.0	XRT_ARS_DIS_423_OG [0x1a7]		1	07-F0	d5				
		MDP_XRT_ARS_DIS		1	07-F0	d5				
2020/09/16	14:07:26.0	XRT_FLD_RESET_434_OG [0x1b2]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2020/09/16	14:09:56.0	XRT_QT_PROG_SET_433_OG [0x1b1]		2	07-F0	c4	0a			
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	0a			
2020/09/16	14:09:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]		2	07-F0	c5	0d			
		MDP_XRT_FL_PROG_SET		2	07-F0	c5	0d			
2020/09/16	14:10:00.0	XRT_CTRL_AUTO_408_OG [0x198]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2020/09/16	14:36:54.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2020/09/16	14:36:56.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2020/09/16	14:36:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]		4	07-F8	22	fe	97	00	
		XRT_FOCUS_POSITION		4	07-F8	22	fe	97	00	
2020/09/16	14:37:00.0	AOCS_Ore-point_Start_12_OG [0x0a2]		5	02-76	00	3c	cc	01	f3
		AOCU_NM		5	02-76	00	3c	cc	01	f3
2020/09/16	14:37:18.0	XRT_FLD_ENA_411_OG [0x19b]		1	07-F0	d8				
		MDP_XRT_FLD_ENA		1	07-F0	d8				

2020/09/16	14:37:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2020/09/16	14:37:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2020/09/16	14:37:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2020/09/16	14:37:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/09/16	14:39:56.0	XRT_QT_PROG_SET_433_OG [0x1b1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a	
2020/09/16	14:39:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2020/09/16	14:40:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/09/16	15:06:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/09/16	15:06:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/09/16	15:06:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97 00
2020/09/16	15:07:00.0	AOCs_OrE-point_Start_13_OG [0x0a3]	AOCU_NM	5	02-76	00	33	e7 01 f3
2020/09/16	15:07:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2020/09/16	15:07:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2020/09/16	15:07:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2020/09/16	15:07:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2020/09/16	15:07:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/09/16	15:09:56.0	XRT_QT_PROG_SET_433_OG [0x1b1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a	
2020/09/16	15:09:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2020/09/16	15:10:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/09/16	15:44:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/09/16	15:44:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/09/16	15:44:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/09/16	15:44:36.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2020/09/16	15:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2020/09/16	15:57:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/09/16	15:57:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/09/16	15:57:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97 00
2020/09/16	15:57:30.0	AOCs_OrE-point_Start_14_OG [0x0a4]	AOCU_NM	5	02-76	00	2b	02 01 f3
2020/09/16	15:57:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2020/09/16	15:57:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2020/09/16	15:57:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2020/09/16	15:57:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2020/09/16	15:57:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/09/16	16:00:26.0	XRT_QT_PROG_SET_433_OG [0x1b1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a	
2020/09/16	16:00:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2020/09/16	16:00:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/09/16	16:27:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/09/16	16:27:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/09/16	16:27:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97 00
2020/09/16	16:27:30.0	AOCs_OrE-point_Start_15_OG [0x0a5]	AOCU_NM	5	02-76	00	22	24 01 f3
2020/09/16	16:27:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2020/09/16	16:27:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2020/09/16	16:27:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2020/09/16	16:27:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2020/09/16	16:27:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/09/16	16:30:26.0	XRT_QT_PROG_SET_433_OG [0x1b1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a	
2020/09/16	16:30:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	

2020/09/16	16:30:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/09/16	17:19:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/09/16	17:19:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/09/16	17:19:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/09/16	17:19:36.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2020/09/16	17:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2020/09/16	17:43:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/09/16	17:43:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/09/16	17:43:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2020/09/16	17:44:00.0	AOCS_Or-e-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	00 19 3f 01 f3		
2020/09/16	17:44:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2020/09/16	17:44:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2020/09/16	17:44:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2020/09/16	17:44:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2020/09/16	17:44:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/09/16	17:46:56.0	XRT_QT_PROG_SET_433_OG [0x1b1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a		
2020/09/16	17:46:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2020/09/16	17:47:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/09/16	18:13:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/09/16	18:13:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/09/16	18:13:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2020/09/16	18:14:00.0	AOCS_Or-e-point_Start_17_OG [0x0a7]	AOCU_NM	5	02-76	00 10 5a 01 f3		
2020/09/16	18:14:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2020/09/16	18:14:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2020/09/16	18:14:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2020/09/16	18:14:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2020/09/16	18:14:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/09/16	18:16:56.0	XRT_QT_PROG_SET_433_OG [0x1b1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a		
2020/09/16	18:16:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2020/09/16	18:17:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/09/16	18:56:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/09/16	18:56:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/09/16	18:56:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/09/16	18:56:36.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2020/09/16	18:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2020/09/16	19:20:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/09/16	19:20:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/09/16	19:20:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2020/09/16	19:21:00.0	AOCS_Or-e-point_Start_18_OG [0x0a8]	AOCU_NM	5	02-76	00 07 74 01 f3		
2020/09/16	19:21:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2020/09/16	19:21:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2020/09/16	19:21:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2020/09/16	19:21:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2020/09/16	19:21:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/09/16	19:23:56.0	XRT_QT_PROG_SET_433_OG [0x1b1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a		
2020/09/16	19:23:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		

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2020/09/16	19:24:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/09/16	19:50:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/09/16	19:50:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/09/16	19:50:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2020/09/16	19:51:00.0	AOCS_ORe-point_Start_19_OG [0x0a9]							
		AOCU_NM	5	02-76	00 ff 75 01 f3				
2020/09/16	19:51:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2020/09/16	19:51:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2020/09/16	19:51:22.0	XRT_ARS_DIS_443_OG [0x1bb]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2020/09/16	19:53:58.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14				
2020/09/16	19:54:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/09/16	20:00:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/09/16	20:00:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/09/16	20:00:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2020/09/16	20:01:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2020/09/16	20:01:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2020/09/16	20:01:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2020/09/16	20:01:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2020/09/16	20:01:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2020/09/16	20:03:56.0	XRT_QT_PROG_SET_433_OG [0x1b1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2020/09/16	20:03:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2020/09/16	20:04:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/09/16	20:33:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/09/16	20:33:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/09/16	20:33:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2020/09/16	20:33:36.0	XRT_PREFLR_STRT_407_OG [0x197]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/09/16	20:36:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/09/16	20:57:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/09/16	20:57:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/09/16	20:57:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2020/09/16	20:57:30.0	AOCS_ORe-point_Start_20_OG [0x0aa]							
		AOCU_NM	5	02-76	00 f6 98 01 f3				
2020/09/16	20:57:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2020/09/16	20:57:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2020/09/16	20:57:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2020/09/16	20:57:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2020/09/16	20:57:56.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2020/09/16	21:00:26.0	XRT_QT_PROG_SET_433_OG [0x1b1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2020/09/16	21:00:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2020/09/16	21:00:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/09/16	21:27:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/09/16	21:27:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/09/16	21:27:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2020/09/16	21:27:30.0	AOCS_ORe-point_Start_21_OG [0x0ab]							
		AOCU_NM	5	02-76	00 ed b3 01 f3				
2020/09/16	21:27:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2020/09/16	21:27:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2020/09/16	21:27:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2020/09/16	21:27:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2020/09/16	21:27:56.0	XRT_FLD_RESET_434_OG [0x1b2]							

2020/09/16	21:30:26.0	XRT_QT_PROG_SET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da			
2020/09/16	21:30:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a		
2020/09/16	21:30:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2020/09/16	22:10:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2020/09/16	22:10:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2020/09/16	22:10:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2020/09/16	22:10:36.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da			
2020/09/16	22:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2020/09/16	22:34:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2020/09/16	22:34:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2020/09/16	22:34:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2020/09/16	22:34:30.0	AOCS_Ore-point_Start_22_OG [0x0ac]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00		
2020/09/16	22:34:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	e4 cd 01 f3		
2020/09/16	22:34:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2020/09/16	22:34:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2020/09/16	22:34:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2020/09/16	22:34:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2020/09/16	22:37:26.0	XRT_QT_PROG_SET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da			
2020/09/16	22:37:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a		
2020/09/16	22:37:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2020/09/16	23:04:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2020/09/16	23:04:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2020/09/16	23:04:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2020/09/16	23:04:30.0	AOCS_Ore-point_Start_23_OG [0x0ad]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00		
2020/09/16	23:04:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	db e8 01 f3		
2020/09/16	23:04:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2020/09/16	23:04:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2020/09/16	23:04:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2020/09/16	23:04:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2020/09/16	23:07:26.0	XRT_QT_PROG_SET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da			
2020/09/16	23:07:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a		
2020/09/16	23:07:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2020/09/16	23:48:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2020/09/16	23:48:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2020/09/16	23:48:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2020/09/16	23:48:06.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da			
2020/09/16	23:51:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2020/09/17	00:08:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2020/09/17	00:08:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2020/09/17	00:08:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2020/09/17	00:08:30.0	AOCS_Ore-point_Start_24_OG [0x0ae]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00		
2020/09/17	00:08:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	d3 03 01 f3		
2020/09/17	00:08:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2020/09/17	00:08:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2020/09/17	00:08:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2020/09/17	00:08:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2020/09/17	00:08:56.0		MDP_XRT_FLD_RESET	1	07-F0	da			

2020/09/17	00:11:26.0	XRT_QT_PROG_SET_433_OG [0x1b1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a
2020/09/17	00:11:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2020/09/17	00:11:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/09/17	00:38:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/09/17	00:38:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/09/17	00:38:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2020/09/17	00:38:30.0	AOCS_OrE-point_Start_25_OG [0x0af]	AOCU_NM	5	02-76	00	ca 25 01 f3
2020/09/17	00:38:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2020/09/17	00:38:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2020/09/17	00:38:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2020/09/17	00:38:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2020/09/17	00:38:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/09/17	00:41:26.0	XRT_QT_PROG_SET_433_OG [0x1b1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a
2020/09/17	00:41:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2020/09/17	00:41:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/09/17	01:25:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/09/17	01:25:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/09/17	01:25:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/09/17	01:25:06.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/09/17	01:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/09/17	01:32:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/09/17	01:32:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/09/17	01:32:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2020/09/17	01:33:00.0	AOCS_OrE-point_Start_26_OG [0x0b0]	AOCU_NM	5	02-76	00	c1 40 01 f3
2020/09/17	01:33:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2020/09/17	01:33:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2020/09/17	01:33:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2020/09/17	01:33:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2020/09/17	01:33:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/09/17	01:35:56.0	XRT_QT_PROG_SET_433_OG [0x1b1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a
2020/09/17	01:35:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2020/09/17	01:36:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/09/17	02:02:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/09/17	02:02:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/09/17	02:02:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2020/09/17	02:03:00.0	AOCS_OrE-point_Start_27_OG [0x0b1]	AOCU_NM	5	02-76	00	b8 5b 01 f3
2020/09/17	02:03:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2020/09/17	02:03:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2020/09/17	02:03:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2020/09/17	02:03:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2020/09/17	02:03:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/09/17	02:05:56.0	XRT_QT_PROG_SET_433_OG [0x1b1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a
2020/09/17	02:05:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2020/09/17	02:06:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/09/17	02:47:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/09/17	02:47:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/09/17	02:47:34.0	XRT_FLD_RESET_415_OG [0x19f]					

2020/09/17	02:47:36.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/09/17	02:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/09/17	03:08:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/09/17	03:08:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/09/17	03:08:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/09/17	03:08:30.0	AOCS_Ore-point_Start_28_OG [0x0b2]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2020/09/17	03:08:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 af 75 01 f3	
2020/09/17	03:08:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2020/09/17	03:08:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2020/09/17	03:08:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2020/09/17	03:08:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2020/09/17	03:11:26.0	XRT_QT_PROG_SET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/09/17	03:11:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a	
2020/09/17	03:11:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2020/09/17	03:44:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/09/17	03:44:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/09/17	03:44:58.0	XRT_FOCUS_RECALIBRATE_427_OG [0x1ab]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/09/17	03:45:00.0	AOCS_Ore-point_Start_3_OG [0x099]	XRT_FOCUS_RECAL	2	07-F8	78 00	
2020/09/17	03:48:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	AOCU_NM	5	02-76	00 00 00 00 00	
2020/09/17	03:49:18.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2020/09/17	03:49:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2020/09/17	03:49:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2020/09/17	03:49:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2020/09/17	03:49:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2020/09/17	03:51:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/09/17	03:51:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13	
2020/09/17	03:52:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2020/09/17	04:20:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/09/17	04:20:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/09/17	04:20:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/09/17	04:20:36.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/09/17	04:23:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/09/17	04:44:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/09/17	04:45:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CUSTOM_430_OG	1	07-F0	e8	
2020/09/17	05:54:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/09/17	05:54:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/09/17	05:54:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/09/17	05:54:36.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/09/17	05:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/09/17	06:22:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/09/17	06:23:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CUSTOM_430_OG	1	07-F0	e8	
2020/09/17	06:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/09/17	06:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/09/17	06:29:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/09/17	06:30:18.0	XRT_FLD_DIS_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2020/09/17	06:30:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2020/09/17	06:30:22.0	XRT_ARS_DIS_443_OG [0x1bb]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2020/09/17			MDP_XRT_ARS_DIS	1	07-F0	d5	

2020/09/17	06:32:58.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	14			
2020/09/17	06:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/09/17	06:41:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/09/17	06:41:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/09/17	06:41:28.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2020/09/17	06:41:30.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	04	00	00	00	00
2020/09/17	06:41:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2020/09/17	06:41:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2020/09/17	06:41:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2020/09/17	06:41:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2020/09/17	06:41:56.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2020/09/17	06:44:26.0	XRT_QT_PROG_SET_446_OG [0x1be]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	05			
2020/09/17	06:44:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2020/09/17	06:44:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/09/17	07:34:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/09/17	07:34:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/09/17	07:34:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2020/09/17	07:34:36.0	XRT_PREFLR_STRT_407_OG [0x197]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/09/17	07:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/09/17	07:59:00.0	XRT_Custom_430_OG [0x1ae]							
2020/09/17	08:00:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/09/17	09:14:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/09/17	09:14:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/09/17	09:14:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2020/09/17	09:14:36.0	XRT_PREFLR_STRT_407_OG [0x197]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/09/17	09:17:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/09/17	09:35:30.5	XRT_Custom_430_OG [0x1ae]							
2020/09/17	09:36:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/09/17	09:59:50.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/09/17	10:56:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	00	00	00	00