

# XRT Timeline to be uploaded on 2018/11/08

Period: 2018/11/08 11:07:00 - 2018/11/13 10:15:00

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Normal mode

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## XOB #1C18: HOP349/366 - 3-filter synoptics (Al-mesh[512/2048/4096], Al-poly[512/4096/8192], thin-Be[3897/16384/32768] with 512x512 G-band+Leak - 120m

Term	Pointing (x, y)	Comment
11/08 11:20:00 - 11/08 15:35:00	Track ( -36.2, -34.2) @ 11/08 11:17:00	# OP start + 10min; QS observation
11/08 15:51:00 - 11/08 17:10:30	Fixed ( 0.0, 0.0)	HOP349 and 366
11/09 04:39:08 - 11/09 09:05:30	Fixed ( 0.0, 0.0)	synoptic, HOP 349 and 366
11/09 16:35:38 - 11/10 00:14:00	Fixed ( 0.0, 0.0)	synoptic, HOP349 and 366
11/10 06:51:40 - 11/10 09:41:30	Fixed ( 0.0, 0.0)	synoptic, HOP 349 and 366

**PROG= 03 Inf.-time(s)**

Subr= 1	1-time(s)	10.0sec
<b>Seqn= 12</b> 1-time(s) 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 2.00s 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</b> 1-time(s) 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
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</b> 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
<b>Seqn= 30</b> 1-time(s) 2.0sec		
Open/G-band	Open/G-band open	Safe Norm 1ms Obs 1x1 512x512 (1024, 1024) Q=90 0 0 2.0sec
Open/G-band	Open/G-band close	Safe Norm 1ms Obs 1x1 512x512 (1024, 1024) Q=95 0 0 2.0sec
<b>Subr= 2</b> 4-time(s) 300.0sec		
<b>Seqn= 95</b> 8-time(s) 240.0sec		
thin-Be/Open	med-Be/Open close	Safe Norm 4.00s Obs 4x4 2048x2048 (1024, 1024) Q=98 2 0 2.0sec
<b>Seqn= 8</b> 1-time(s) 2.0sec		
thin-Be/Open	med-Be/Open close	Safe Norm 1.00s Obs 4x4 2048x2048 (1024, 1024) Q=98 3 0 2.0sec
thin-Be/Open	med-Be/Open close	Safe Norm 1.41s Obs 4x4 2048x2048 (1024, 1024) DPCM 2 0 2.0sec
<b>Seqn= 6</b> 1-time(s) 2.0sec		
Al-poly/Open	Al-poly/Open close	Safe Norm 125ms Obs 4x4 2048x2048 (1024, 1024) Q=98 3 0 2.0sec
Al-poly/Open	Al-poly/Open close	Safe Norm 1.00s Obs 4x4 2048x2048 (1024, 1024) DPCM 2 0 2.0sec
<b>Seqn= 29</b> 1-time(s) 2.0sec		
Open/Al-mesh	Open/Al-mesh close	Safe Norm 125ms Obs 4x4 2048x2048 (1024, 1024) Q=98 3 0 2.0sec
Open/Al-mesh	Open/Al-mesh close	Safe Norm 250ms Obs 4x4 2048x2048 (1024, 1024) Q=98 2 0 2.0sec

## XOB #1C0C: Synoptic Q95 2x2 - Al/mesh(512/2048/4096) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(512/4096/8192)

Term	Pointing (x, y)	Comment
11/08 17:37:00 - 11/08 17:43:54	Fixed ( 0.0, 0.0)	synoptic, shifted manually

**PROG= 20** 1-time(s)

Subr= 1	1-time(s)	2.0sec
<b>Seqn= 5</b> 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
<b>Seqn= 12</b> 1-time(s) 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 2.00s 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</b> 1-time(s) 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
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</b> 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
<b>Seqn= 23</b> 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

## XOB #1C19: CME watch - 4x4 - AEC 2 - Thin-Be - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 180s cad

Term	Pointing (x, y)	Comment
11/08 17:47:00 - 11/08 20:24:00	Fixed ( 936.0, 0.0)	HOP366 (1B and 1T)
11/08 20:50:30 - 11/08 22:01:30	Fixed ( 815.0, 470.0)	HOP366 (6T)
11/08 22:27:30 - 11/08 23:39:00	Fixed ( 815.0, -470.0)	HOP366 (11B)
11/08 23:59:00 - 11/09 01:13:30	Fixed ( 411.0, 847.0)	HOP366 (7T)

11/09 01:25:30 - 11/09 04:08:00 Fixed ( 411.0, -847.0) HOP366 (12B)  
 11/10 00:27:30 - 11/10 06:21:30 Track ( -442.9, 213.8) @ 11/10 00:24:30 EIS QS network and Coronal Bright points

**PROG= 05 Inf.-time(s)**

<b>Subr= 1 40-time(s) 180.0sec</b>														
└─ <b>Seqn= 83 1-time(s) 4.0sec</b>		thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
<b>Subr= 2 1-time(s) 2.0sec</b>														
└─ <b>Seqn= 30 1-time(s) 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
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval			

**XOB #1C16: Dark cal only (2x2 4x4 8x8 512 Q98 - 1x1 512x2048 - 1x1 2048x512)**

Term	Pointing (x, y)	Comment
11/09 04:37:00 - 11/09 04:38:30	Fixed ( 0.0, 0.0)	synoptic, HOP 349 and 366
11/09 16:33:30 - 11/09 16:35:00	Fixed ( 0.0, 0.0)	synoptic, HOP349 and 366
11/10 06:49:30 - 11/10 06:51:00	Fixed ( 0.0, 0.0)	synoptic, HOP 349 and 366

**PROG= 11 1-time(s)**

<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
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval			

**XOB #1C17: HOP81\_TEST Not For Regular Use 2-filter - long/short - Al/poly 16s/4s , Al/mesh 12s/6s, 60s cadence, G-band - 384x384 1ms**

Term	Pointing (x, y)	Comment
11/09 09:29:30 - 11/09 16:09:00	Fixed ( -20.0, 866.0)	HOP81

**PROG= 18 Inf.-time(s)**

<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= 3 160-time(s) 2.0sec</b>														
└─ <b>Seqn= 39 1-time(s) 30.0sec</b>		Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	11.3s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
		Al-poly/Open	Al-poly/Open	close	Safe	Norm	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
└─ <b>Seqn= 57 1-time(s) 30.0sec</b>		Open/Al-mesh	Open/Al-mesh	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	5.66s	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			

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**Flare mode**

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**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
11/08 11:20:00 - 11/08 15:35:00	Track ( -36.2, -34.2) @ 11/08 11:17:00	# OP start + 10min; QS observation
11/08 15:51:00 - 11/08 17:10:30	Fixed ( 0.0, 0.0)	HOP349 and 366
11/08 17:47:00 - 11/08 20:24:00	Fixed ( 936.0, 0.0)	HOP366 (1B and 1T)
11/08 20:50:30 - 11/08 22:01:30	Fixed ( 815.0, 470.0)	HOP366 (6T)
11/08 22:27:30 - 11/08 23:39:00	Fixed ( 815.0, -470.0)	HOP366 (11B)
11/08 23:59:00 - 11/09 01:13:30	Fixed ( 411.0, 847.0)	HOP366 (7T)
11/09 01:25:30 - 11/09 04:08:00	Fixed ( 411.0, -847.0)	HOP366 (12B)
11/09 04:37:00 - 11/09 04:38:30	Fixed ( 0.0, 0.0)	synoptic, HOP 349 and 366
11/09 04:39:08 - 11/09 09:05:30	Fixed ( 0.0, 0.0)	synoptic, HOP 349 and 366
11/09 09:29:30 - 11/09 16:09:00	Fixed ( -20.0, 866.0)	HOP81
11/09 16:33:30 - 11/09 16:35:00	Fixed ( 0.0, 0.0)	synoptic, HOP349 and 366
11/09 16:35:38 - 11/10 00:14:00	Fixed ( 0.0, 0.0)	synoptic, HOP349 and 366
11/10 00:27:30 - 11/10 06:21:30	Track ( -442.9, 213.8) @ 11/10 00:24:30	EIS QS network and Coronal Bright points
11/10 06:49:30 - 11/10 06:51:00	Fixed ( 0.0, 0.0)	synoptic, HOP 349 and 366
11/10 06:51:40 - 11/10 09:41:30	Fixed ( 0.0, 0.0)	synoptic, HOP 349 and 366

**PROG= 13 30-time(s)**

<b>Subr= 1 20-time(s) 2.0sec</b>														
└─ <b>Seqn= 11 1-time(s) 2.0sec</b>		Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
└─ <b>Seqn=100 1-time(s) 10.0sec</b>		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
<b>Subr= 2 1-time(s) 2.0sec</b>														
└─ <b>Seqn= 10 1-time(s) 2.0sec</b>		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
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval			

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

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### Active Region Search

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NOT USED

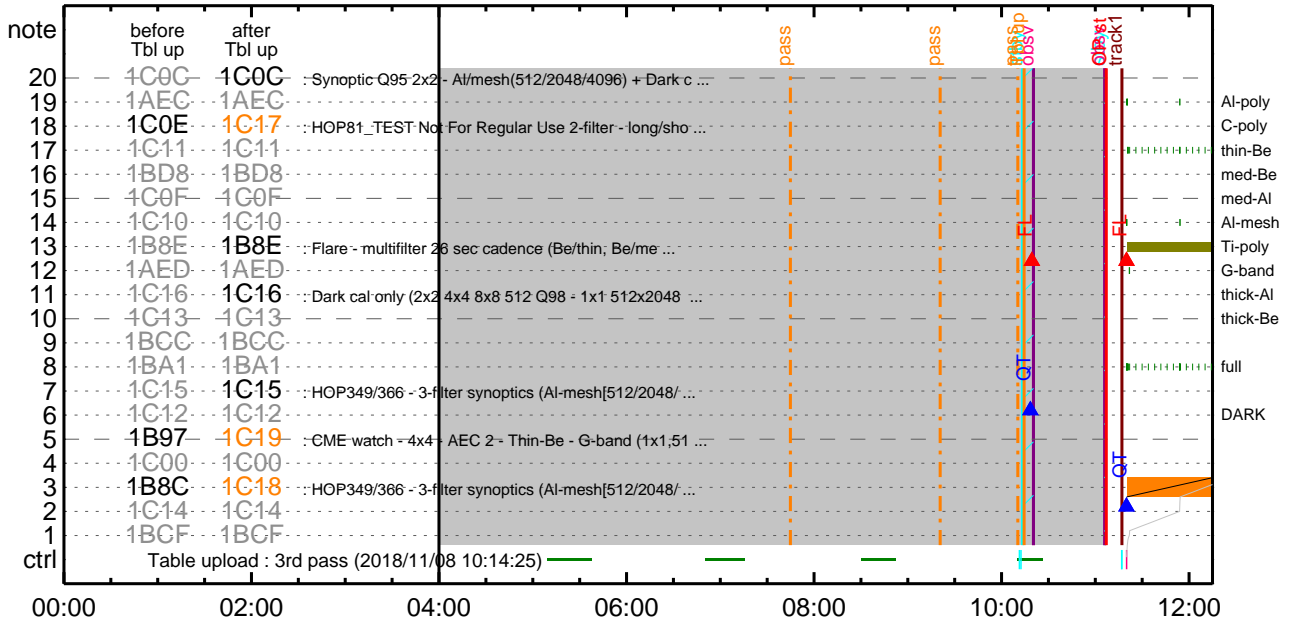
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### Flare Detection

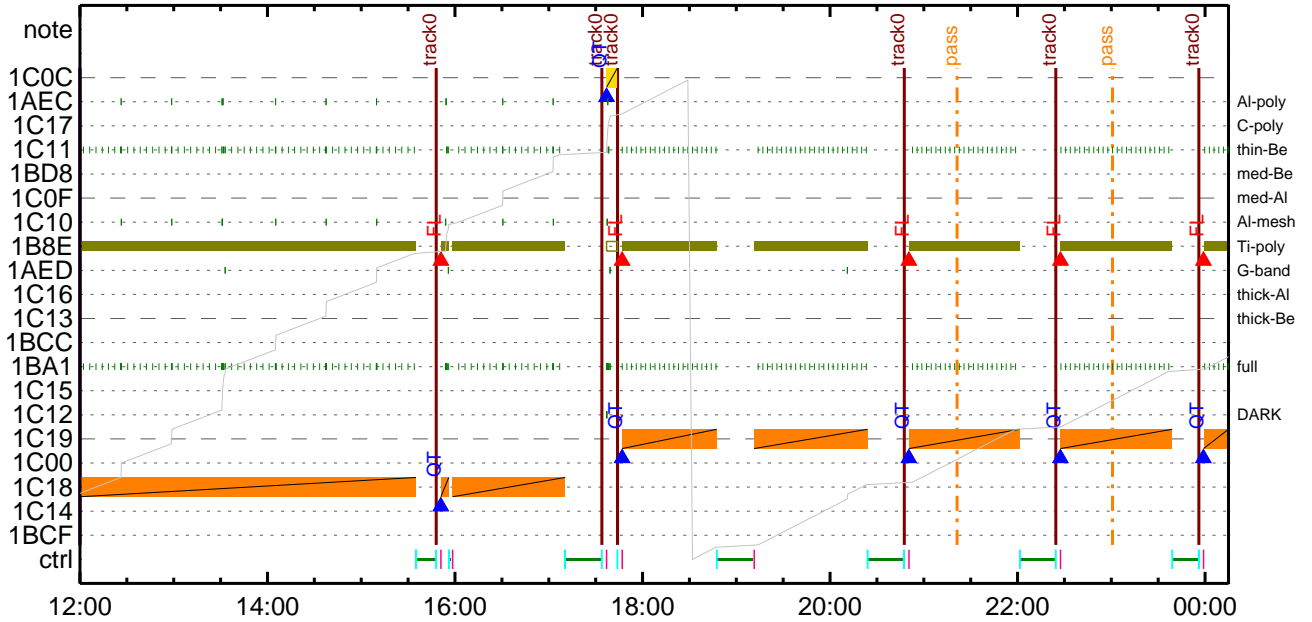
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FLD Patrol													
Term		Pointing (x, y)						Comment					
11/08 17:44:18 - 11/13 10:15:00		Fixed ( 936.0, 0.0)						HOP366 (1B and 1T)					
Al-poly/Open	Al-poly/Open	close	Safe	Norm	8ms	Obs	8x8			Q=50	30sec		
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)			Comp.	AEC Buffer	Interval

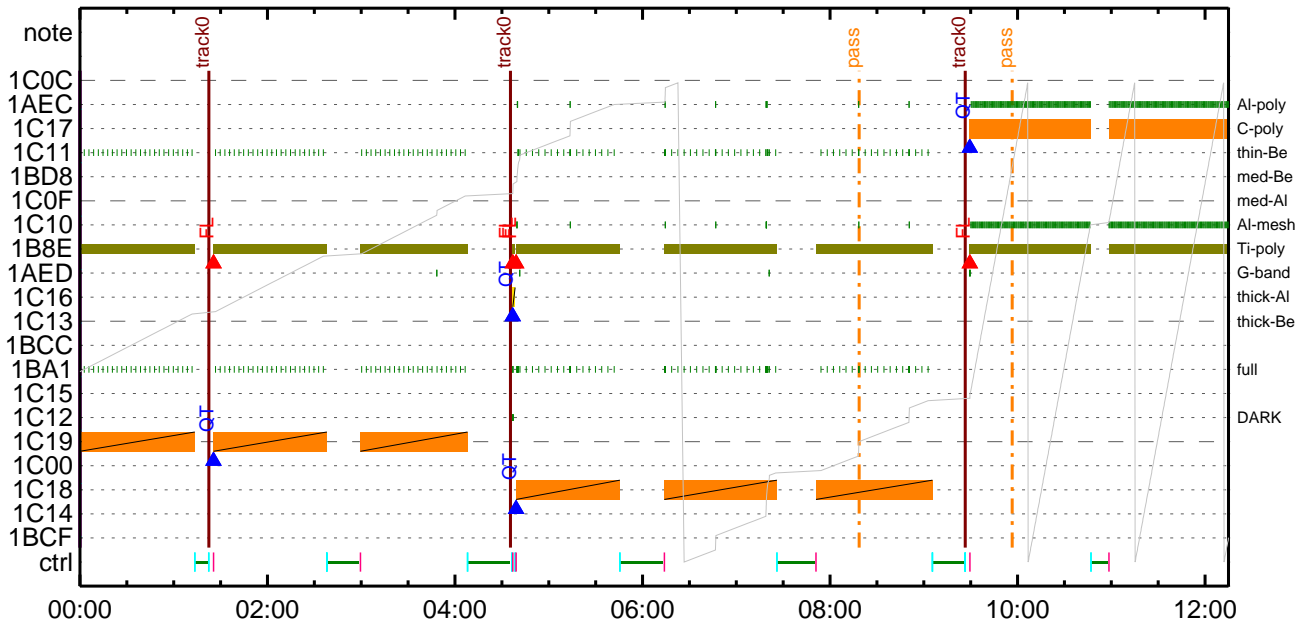
### CMDI #0882 2018/11/08



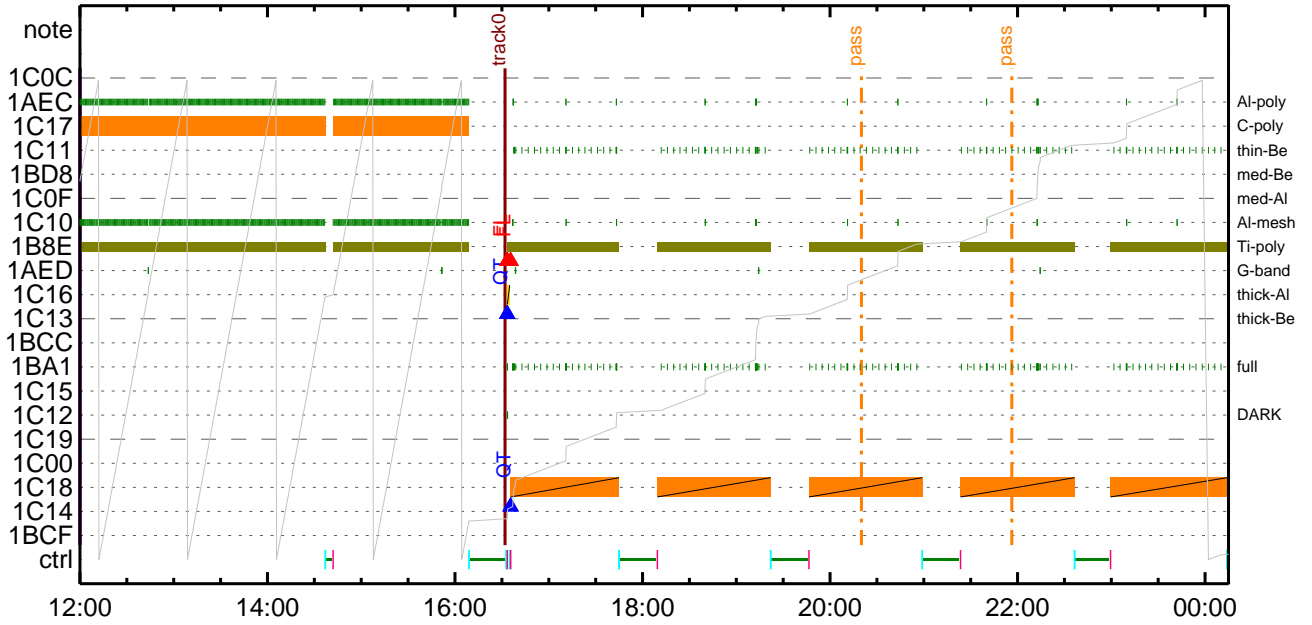
### CMDI #0882 2018/11/08



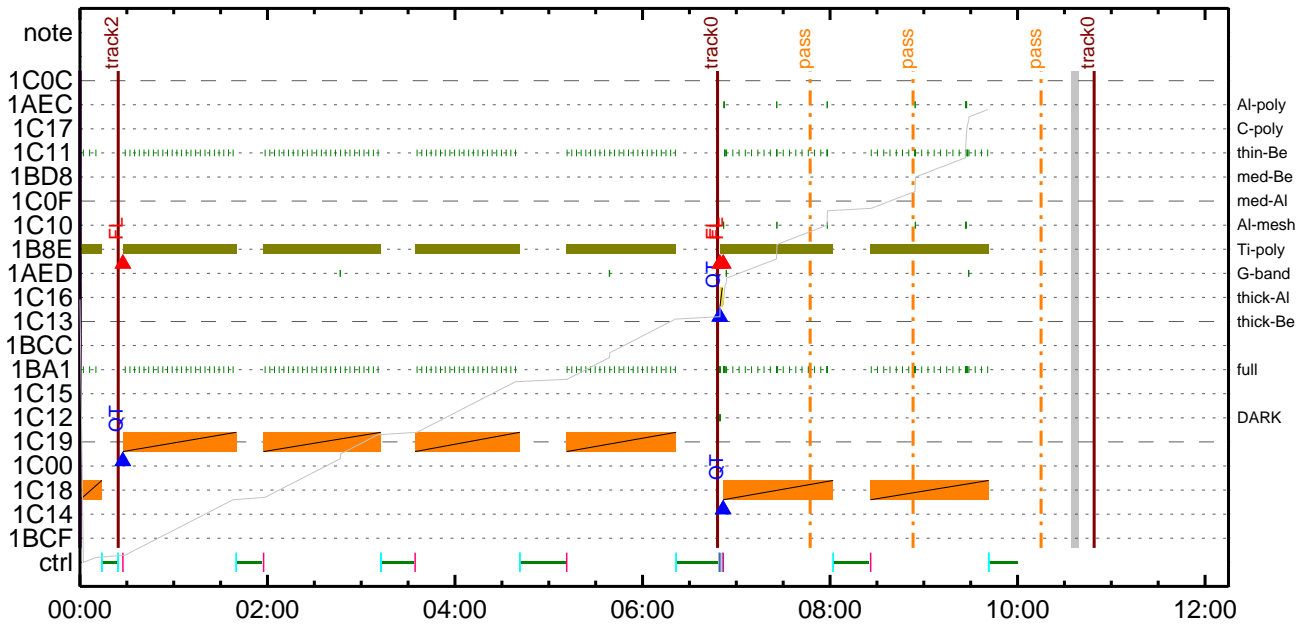
### CMDI #0882 2018/11/09



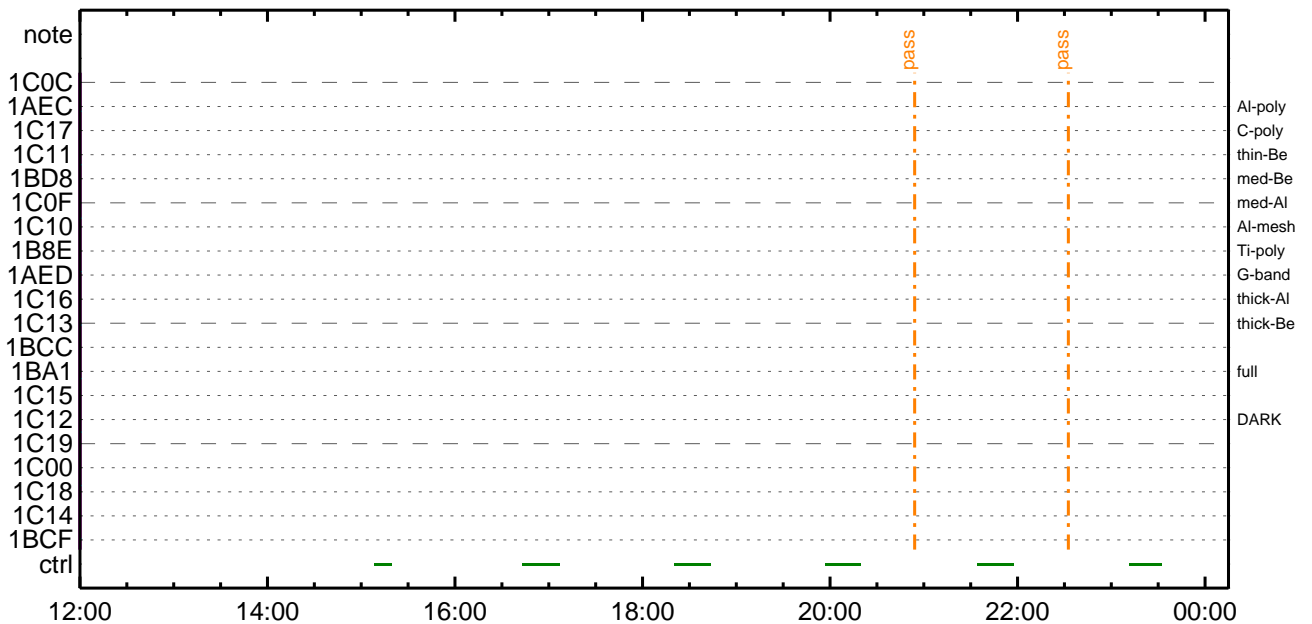
CMDI #0882 2018/11/09



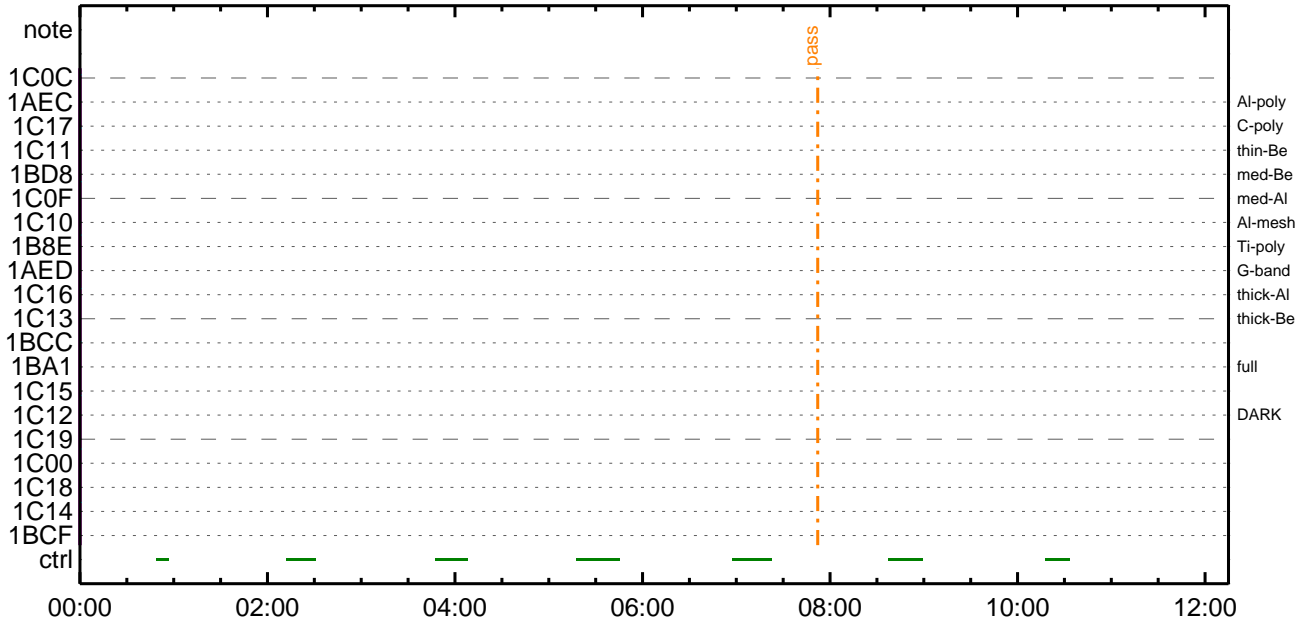
CMDI #0882 2018/11/10



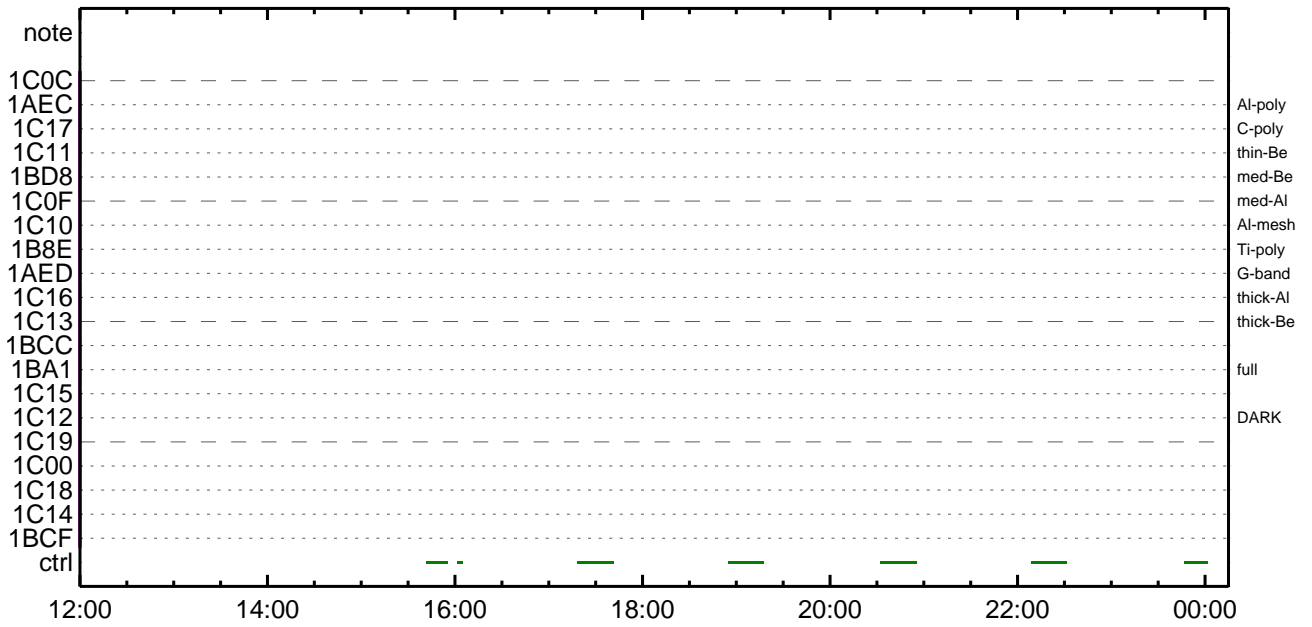
CMDI #0882 2018/11/10



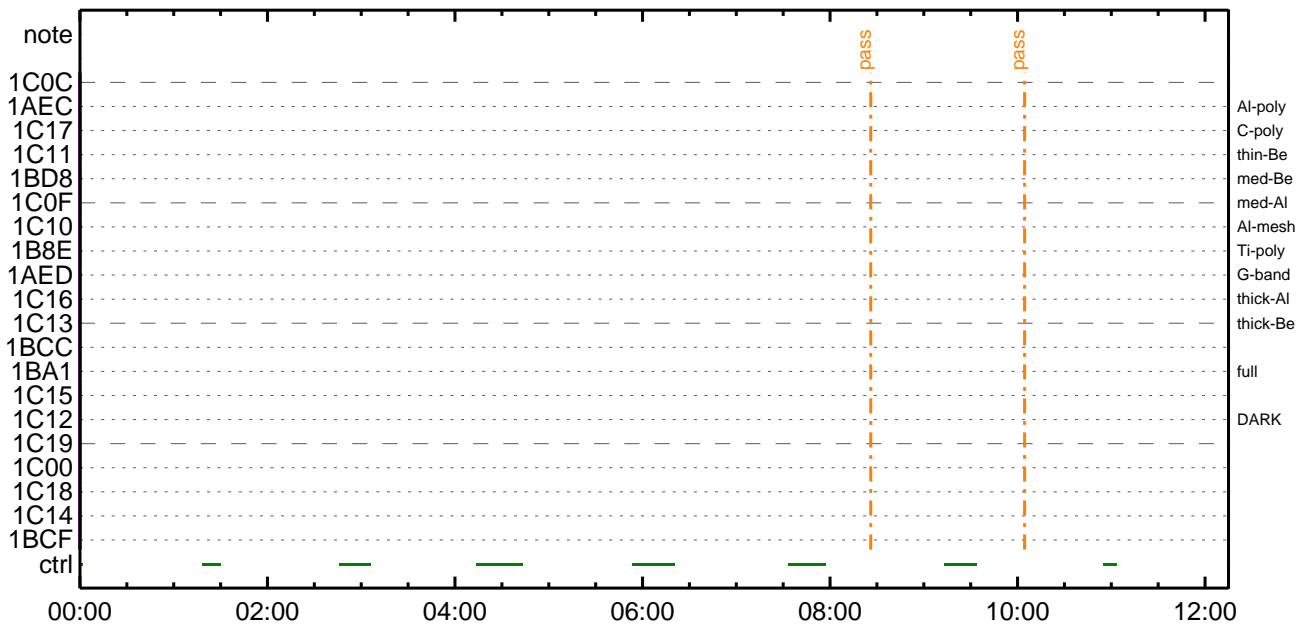
CMDI #0882 2018/11/11



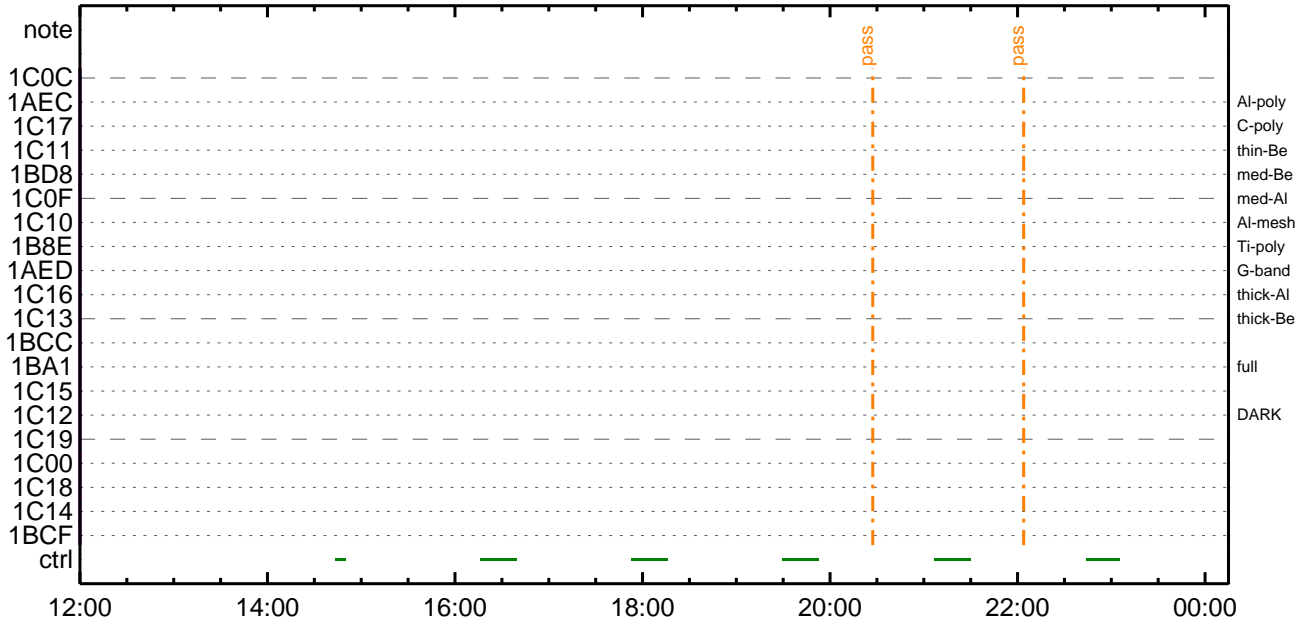
CMDI #0882 2018/11/11



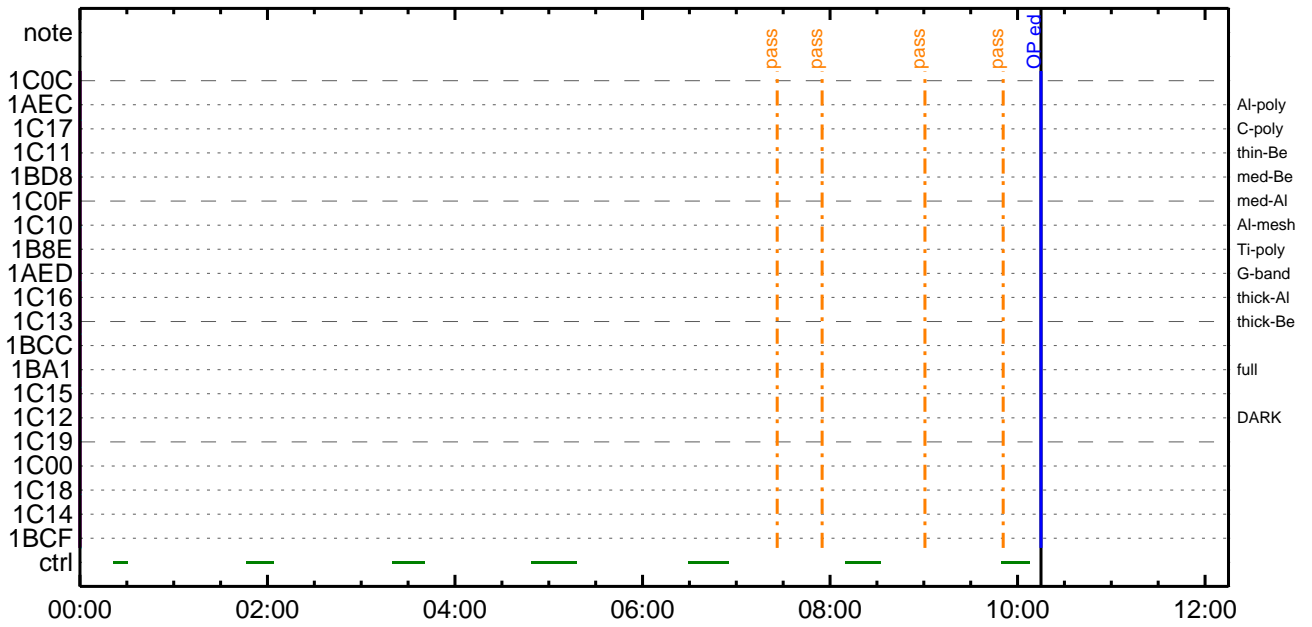
CMDI #0882 2018/11/12



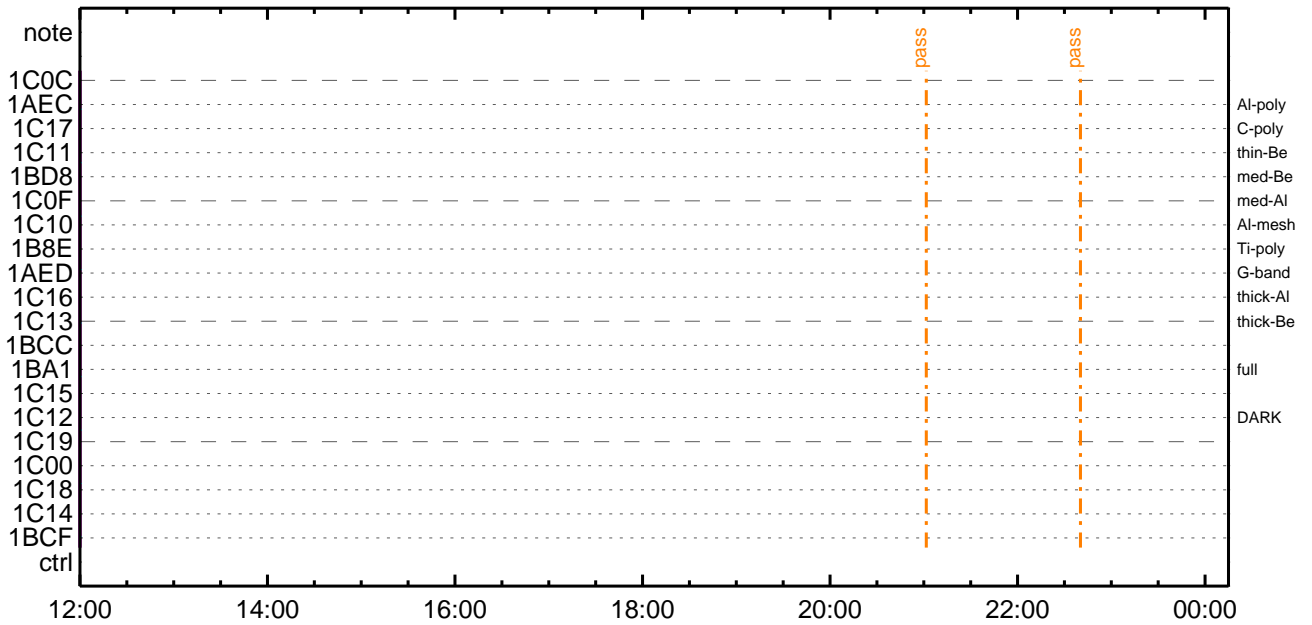
CMDI #0882 2018/11/12



CMDI #0882 2018/11/13



CMDI #0882 2018/11/13







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0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;|YAYOYx
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-745:OP
0104 ( )
0105 S. OG og-745:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPfî°èYAYOYx;ã
0109 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç[HK1_PKT_FORM_NO] EQ 7
0120 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 C. YAYOYx½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG²î½E¹ç•è²îOKò³îÇ§
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. çç[HK1_PKT_FORM_NO] EQ 7
0139 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 C. YAYOYx½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG²î½E¹ç•è²îOKò³îÇ§
0146 C.
0147 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. çç[HK1_PKT_FORM_NO] EQ 7
0158 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 C. YAYOYx½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OP²î½E¹ç•è²îOKò³îÇ§
0165 C.
0166 C. ***** °E²¼òî½A´¶Á°òEÉ¬ò°Á÷¿@ (¼âµ-YAYOYx½ê½çòðÁÓÆòÇ¼ª°¬òE¼î¹çòçòâ) *****
0167 C. DHUYâ;4YE;E½Y½;Yî;4YE;Eòðîã¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç[HK1_PKT_FORM_NO] EQ 2
0171 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 C. NOTICE ;§ OPOG UPLOAD²-Á÷¿@NG²î½î¹ç;ç°E²¼òîTI-CMDÁ÷¿@²î½Á¹Ôª°¬E²ò³òE;f
0180 C. ²²ò¿;çSET²EEDUMP²îE±²îYÑ¹²ç¹Ôª|²³òE;f
0181 C.
0182 C. TIY³Y²YóYÉòðÁDî¿(UT)
0183 +. TI 2018-11-08 11:02:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2018-11-08 11:02:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2018-11-08 11:02:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

```









```
0096 + DC 07-F0 MDP_XRT_FLD_RESET
0097 BC (da)
0098 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0099 BC (c4 07)
0100 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0101 BC (c5 0d)
0102 . C. ----- Success Verify ? OK / NG ____
0103 C.
0104 C.
0105 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0106 C.
0107 +. DC 07-F0 MDP_XRT_MODE_OBSV
0108 BC (c2)
0109 +. TI 2018-11-08 11:06:02.0
0110 DC 07-F0 MDP_XRT_MODE_OBSV
0111 BC (c2)
0112 . C. ----- Success Verify ? OK / NG ____
0113 C.
0114 C. ***** XRT END *****
0115 C.
0116 . C. ***** MDP 'úÃîâî»ö¼ÝðËÂð¹ñèDCBC•x²è *****
0117 C. (%ã°îÿÓÿÄÿÈÿÞÿËÿÁÿçÿÈñ¼ññ¼Ä»Ûñ¹ñè)
0118 . S. DC-BC dcbc-402:DCBC
0119 (MDP_known_event)
0120 C.
0121 C.
0122 . C. ***** ÿDÿ¹•Ï Daily±¿ÎÑñË´Øñ¹ñèDCBC•x²è *****
0123 . S. DC-BC dcbc-153:DCBC
0124 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0125 C.
0126 C.
0127 . C. ;ãLOSÿÁÿ§ÿËÿËÿ-¼Ä»Û;ã
0128 C.
0129 . C. ***** LOS *****
0130 C.
```

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

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2018/11/08 11:16:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/11/08 11:16:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/11/08 11:16:58.0 XRT_FOCUS_POSITION_406_OG [0x196]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2018/11/08 11:17:00.0 AOCS_Ore-point_Start_1_OG [0x097]
                        AOCU_NM 5 02-76 01 03 02 01 ca
2018/11/08 11:17:18.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2018/11/08 11:17:20.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2018/11/08 11:17:22.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2018/11/08 11:17:24.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2018/11/08 11:17:26.0 XRT_FLD_RESET_432_OG [0x1b0]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2018/11/08 11:19:56.0 XRT_QT_PROG_SET_449_OG [0x1c1]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 03
2018/11/08 11:19:58.0 XRT_FL_PROG_SET_440_OG [0x1b8]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 0d
2018/11/08 11:20:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2018/11/08 15:35:00.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/11/08 15:35:02.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/11/08 15:35:04.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2018/11/08 15:35:06.0 XRT_PREFLR_STRT_437_OG [0x1b5]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2018/11/08 15:38:14.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2018/11/08 15:47:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/11/08 15:47:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/11/08 15:47:58.0 XRT_FOCUS_POSITION_406_OG [0x196]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2018/11/08 15:48:00.0 AOCS_ORe-point_Start_2_OG [0x098]
                        AOCU_NM 5 02-76 00 00 00 00 00
2018/11/08 15:48:18.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2018/11/08 15:48:20.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2018/11/08 15:48:22.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2018/11/08 15:48:24.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2018/11/08 15:48:26.0 XRT_FLD_RESET_432_OG [0x1b0]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2018/11/08 15:50:56.0 XRT_QT_PROG_SET_449_OG [0x1c1]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 03
2018/11/08 15:50:58.0 XRT_FL_PROG_SET_440_OG [0x1b8]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 0d
2018/11/08 15:51:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2018/11/08 15:56:00.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/11/08 15:56:02.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/11/08 15:56:04.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2018/11/08 15:56:06.0 XRT_PREFLR_STRT_437_OG [0x1b5]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2018/11/08 15:57:30.0 XRT_Custom_430_OG [0x1ae]
2018/11/08 15:58:30.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2018/11/08 15:59:14.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2018/11/08 17:10:30.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/11/08 17:10:32.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/11/08 17:10:34.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2018/11/08 17:10:36.0 XRT_PREFLR_STRT_437_OG [0x1b5]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2018/11/08 17:13:44.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2018/11/08 17:33:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/11/08 17:33:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/11/08 17:33:58.0 XRT_FOCUS_POSITION_406_OG [0x196]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2018/11/08 17:34:00.0 AOCS_ORe-point_Start_2_OG [0x098]
                        AOCU_NM 5 02-76 00 00 00 00 00
2018/11/08 17:34:18.0 XRT_FLD_DIS_409_OG [0x199]
                        MDP_XRT_FLD_DIS 1 07-F0 d9

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2018/11/08	17:34:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/11/08	17:34:22.0	XRT_ARS_DIS_414_OG [0x19e]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/11/08	17:36:58.0	XRT_QT_PROG_SET_447_OG [0x1bf]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	14			
2018/11/08	17:37:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/11/08	17:43:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/11/08	17:43:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/11/08	17:43:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00			
2018/11/08	17:44:00.0	AOCs_OrE-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	00 00 00 ac cd			
2018/11/08	17:44:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/11/08	17:44:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/11/08	17:44:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/11/08	17:44:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/11/08	17:44:26.0	XRT_FLD_RESET_432_OG [0x1b0]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/11/08	17:46:56.0	XRT_QT_PROG_SET_429_OG [0x1ad]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	05			
2018/11/08	17:46:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2018/11/08	17:47:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/11/08	18:47:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/11/08	18:47:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/11/08	18:47:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/11/08	18:47:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/11/08	18:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/11/08	19:10:30.0	XRT_Custom_430_OG [0x1ae]							
2018/11/08	19:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/11/08	20:24:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/11/08	20:24:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/11/08	20:24:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/11/08	20:24:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/11/08	20:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/11/08	20:47:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/11/08	20:47:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/11/08	20:47:28.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00			
2018/11/08	20:47:30.0	AOCs_OrE-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00	d6 36 b7 8e			
2018/11/08	20:47:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/11/08	20:47:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/11/08	20:47:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/11/08	20:47:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/11/08	20:47:56.0	XRT_FLD_RESET_432_OG [0x1b0]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/11/08	20:50:26.0	XRT_QT_PROG_SET_429_OG [0x1ad]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	05			
2018/11/08	20:50:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2018/11/08	20:50:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/11/08	22:01:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/11/08	22:01:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/11/08	22:01:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/11/08	22:01:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/11/08	22:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/11/08	22:24:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/11/08	22:24:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				



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2018/11/08	22:24:28.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/11/08	22:24:30.0	AOCs_OrE-point_Start_5_OG [0x09b] AOCU_NM	5	02-76	00 29 ca b7 8e
2018/11/08	22:24:48.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2018/11/08	22:24:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/11/08	22:24:52.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2018/11/08	22:24:54.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2018/11/08	22:24:56.0	XRT_FLD_RESET_432_OG [0x1b0] MDP_XRT_FLD_RESET	1	07-F0	da
2018/11/08	22:27:26.0	XRT_QT_PROG_SET_429_OG [0x1ad] MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2018/11/08	22:27:28.0	XRT_FL_PROG_SET_440_OG [0x1b8] MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/11/08	22:27:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/11/08	23:39:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/11/08	23:39:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/11/08	23:39:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2018/11/08	23:39:06.0	XRT_PREFLR_STRT_437_OG [0x1b5] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/11/08	23:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/11/08	23:55:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/11/08	23:55:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/11/08	23:55:58.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/11/08	23:56:00.0	AOCs_OrE-point_Start_6_OG [0x09c] AOCU_NM	5	02-76	00 b4 b5 db 75
2018/11/08	23:56:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2018/11/08	23:56:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/11/08	23:56:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2018/11/08	23:56:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2018/11/08	23:56:26.0	XRT_FLD_RESET_432_OG [0x1b0] MDP_XRT_FLD_RESET	1	07-F0	da
2018/11/08	23:58:56.0	XRT_QT_PROG_SET_429_OG [0x1ad] MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2018/11/08	23:58:58.0	XRT_FL_PROG_SET_440_OG [0x1b8] MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/11/08	23:59:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/11/09	01:13:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/11/09	01:13:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/11/09	01:13:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2018/11/09	01:13:36.0	XRT_PREFLR_STRT_437_OG [0x1b5] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/11/09	01:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/11/09	01:22:24.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/11/09	01:22:26.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/11/09	01:22:28.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/11/09	01:22:30.0	AOCs_OrE-point_Start_7_OG [0x09d] AOCU_NM	5	02-76	00 4b 4b db 75
2018/11/09	01:22:48.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2018/11/09	01:22:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/11/09	01:22:52.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2018/11/09	01:22:54.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2018/11/09	01:22:56.0	XRT_FLD_RESET_432_OG [0x1b0] MDP_XRT_FLD_RESET	1	07-F0	da
2018/11/09	01:25:26.0	XRT_QT_PROG_SET_429_OG [0x1ad] MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2018/11/09	01:25:28.0	XRT_FL_PROG_SET_440_OG [0x1b8] MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/11/09	01:25:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/11/09	02:38:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/11/09	02:38:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/11/09	02:38:04.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0	c1

2018/11/09	02:38:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/11/09	02:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/11/09	02:58:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/11/09	02:59:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/11/09	04:08:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/11/09	04:08:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/11/09	04:08:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/11/09	04:08:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/11/09	04:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/11/09	04:35:30.5	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00			
2018/11/09	04:36:22.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/11/09	04:36:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/11/09	04:36:26.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2018/11/09	04:36:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2018/11/09	04:36:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2018/11/09	04:36:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2018/11/09	04:36:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/11/09	04:36:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/11/09	04:36:56.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b			
2018/11/09	04:36:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2018/11/09	04:37:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/11/09	04:38:30.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/11/09	04:38:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/11/09	04:38:34.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2018/11/09	04:38:54.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2018/11/09	04:38:56.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2018/11/09	04:38:58.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2018/11/09	04:39:00.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/11/09	04:39:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/11/09	04:39:04.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03			
2018/11/09	04:39:06.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2018/11/09	04:39:08.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/11/09	05:45:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/11/09	05:45:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/11/09	05:45:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/11/09	05:45:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/11/09	05:48:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/11/09	06:13:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/11/09	06:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/11/09	07:26:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/11/09	07:26:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/11/09	07:26:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/11/09	07:26:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/11/09	07:29:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/11/09	07:50:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/11/09	07:51:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/11/09	09:05:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/11/09	09:05:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			

2018/11/09	09:05:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/11/09	09:05:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/11/09	09:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/11/09	09:26:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/11/09	09:26:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/11/09	09:26:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/11/09	09:26:30.0	AOCS_OrE-point_Start_8_OG [0x09e]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2018/11/09	09:26:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 b3 03 01 ca		
2018/11/09	09:26:50.0	XRT_FLRCTRL_ENA_438_OG [0x1b6]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/11/09	09:29:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/11/09	09:29:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/11/09	09:29:24.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/11/09	09:29:26.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/11/09	09:29:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12		
2018/11/09	09:29:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2018/11/09	10:47:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/11/09	10:47:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/11/09	10:47:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/11/09	10:47:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/11/09	10:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/11/09	10:57:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/11/09	10:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CUSTOM_430_OG	1	07-F0	c0		
2018/11/09	14:37:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/11/09	14:37:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/11/09	14:37:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/11/09	14:37:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/11/09	14:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/11/09	14:41:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/11/09	14:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CUSTOM_430_OG	1	07-F0	c0		
2018/11/09	16:09:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/11/09	16:09:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/11/09	16:09:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/11/09	16:09:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/11/09	16:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/11/09	16:32:00.0	AOCS_OrE-point_Start_2_OG [0x098]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/11/09	16:32:52.0	XRT_CTRL_MANU_402_OG [0x192]	AOCU_NM	5	02-76	00 00 00 00 00		
2018/11/09	16:32:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/11/09	16:32:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/11/09	16:33:16.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2018/11/09	16:33:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/11/09	16:33:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/11/09	16:33:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/11/09	16:33:24.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/11/09	16:33:26.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/11/09	16:33:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b		
2018/11/09	16:33:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2018/11/09	16:35:00.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/11/09			MDP_XRT_CTRL_MANU	1	07-F0	c1		

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2018/11/09	16:35:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/11/09	16:35:04.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/11/09	16:35:24.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2018/11/09	16:35:26.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/11/09	16:35:28.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2018/11/09	16:35:30.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/11/09	16:35:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/11/09	16:35:34.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2018/11/09	16:35:36.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/11/09	16:35:38.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/11/09	17:45:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/11/09	17:45:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/11/09	17:45:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/11/09	17:45:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/11/09	17:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/11/09	18:08:30.0	XRT_Custom_430_OG [0x1ae]				
2018/11/09	18:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/11/09	19:22:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/11/09	19:22:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/11/09	19:22:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/11/09	19:22:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/11/09	19:25:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/11/09	19:45:30.0	XRT_Custom_430_OG [0x1ae]				
2018/11/09	19:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/11/09	20:59:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/11/09	20:59:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/11/09	20:59:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/11/09	20:59:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/11/09	21:02:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/11/09	21:22:30.0	XRT_Custom_430_OG [0x1ae]				
2018/11/09	21:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/11/09	22:36:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/11/09	22:36:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/11/09	22:36:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/11/09	22:36:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/11/09	22:39:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/11/09	22:58:30.0	XRT_Custom_430_OG [0x1ae]				
2018/11/09	22:59:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/11/10	00:14:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/11/10	00:14:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/11/10	00:14:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/11/10	00:14:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/11/10	00:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/11/10	00:24:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/11/10	00:24:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/11/10	00:24:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/11/10	00:24:30.0	AOCS_OrE-point_Start_9_OG [0x09f]	AOCU_NM	5	02-76	02 03 02 01 ca
2018/11/10	00:24:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2018/11/10	00:24:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]				

2018/11/10	00:24:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
			MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/11/10	00:24:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/11/10	00:24:56.0	XRT_FLD_RESET_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/11/10	00:27:26.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05	
2018/11/10	00:27:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2018/11/10	00:27:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/11/10	01:40:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/11/10	01:40:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/11/10	01:40:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/11/10	01:40:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/11/10	01:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/11/10	01:56:30.0	XRT_Custom_430_OG [0x1ae]						
2018/11/10	01:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/11/10	03:12:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/11/10	03:12:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/11/10	03:12:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/11/10	03:12:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/11/10	03:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/11/10	03:33:30.0	XRT_Custom_430_OG [0x1ae]						
2018/11/10	03:34:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/11/10	04:41:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/11/10	04:41:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/11/10	04:41:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/11/10	04:41:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/11/10	04:44:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/11/10	05:10:30.5	XRT_Custom_430_OG [0x1ae]						
2018/11/10	05:11:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/11/10	06:21:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/11/10	06:21:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/11/10	06:21:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/11/10	06:21:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/11/10	06:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/11/10	06:48:00.0	AOCS_Orе-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	00 00 00 00	
2018/11/10	06:48:52.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/11/10	06:48:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/11/10	06:48:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00	
2018/11/10	06:49:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/11/10	06:49:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/11/10	06:49:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/11/10	06:49:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/11/10	06:49:24.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/11/10	06:49:26.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b	
2018/11/10	06:49:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2018/11/10	06:49:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/11/10	06:51:00.5	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/11/10	06:51:03.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/11/10	06:51:06.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00	
2018/11/10	06:51:26.0	XRT_FLD_ENA_411_OG [0x19b]						

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2018/11/10	06:51:28.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2018/11/10	06:51:30.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/11/10	06:51:32.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2018/11/10	06:51:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/11/10	06:51:36.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/11/10	06:51:38.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2018/11/10	06:51:40.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/11/10	08:02:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/11/10	08:02:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/11/10	08:02:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/11/10	08:02:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/11/10	08:05:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/11/10	08:25:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/11/10	08:26:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CUSTOM_430_OG	1	07-F0	e9
2018/11/10	09:41:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/11/10	09:41:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/11/10	09:41:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/11/10	09:41:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/11/10	09:44:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/11/10	10:49:00.0	AOCS_ORe-point_Start_2_OG [0x098]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
		AOCU_NM		5	02-76	00 00 00 00 00