

XRT Timeline to be uploaded on 2019/01/05

Period: 2019/01/05 10:18:00 - 2019/01/10 11:03:00

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Normal mode

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XOB #1C29: AR Standard-B (Morphology with thin-Be only), 384FOV at 1064, 1048 with G-band (1ms/1ms leak) 60s cad - AEC3												
Term	Pointing (x, y)							Comment				
01/05 10:31:00 - 01/05 15:08:54	Track (849.1, 128.1) ^{@ 01/05 10:28:00}	# OP start + 10min, AR12732										
01/06 06:19:00 - 01/06 15:19:54	Track (913.4, 117.8) ^{@ 01/06 06:16:00}	AR12732										
01/07 06:47:30 - 01/07 17:39:24	Fixed (920.0, 109.0)	AR12732										
01/07 17:52:30 - 01/08 01:56:30	Fixed (920.0, 109.0)	Cont,										
01/08 06:10:30 - 01/08 09:45:30	Fixed (920.0, 109.0)	AR12732										
PROG= 01 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 1-time(s) 2.0sec												
└─ Seqn= 24 60-time(s) 60.0sec												
└─ thin-Be/Open	med-Be/Open	close	Safe	Norm	125ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1C1B: Synoptic Q95 2x2 - Al/mesh(512/2048/5796) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(512/4096/8192)												
Term	Pointing (x, y)							Comment				
01/05 15:12:00 - 01/05 15:19:00	Fixed (0.0, 0.0)	synoptic shifted manually										
01/06 06:09:00 - 01/06 06:15:54	Fixed (0.0, 0.0)	HOP349 and synoptic										
01/06 15:23:00 - 01/06 15:29:54	Fixed (0.0, 0.0)	synoptic, shifted manually										
01/07 06:38:00 - 01/07 06:44:24	Fixed (0.0, 0.0)	synoptic, shifted manually										
01/07 17:43:54 - 01/07 17:49:24	Fixed (0.0, 0.0)	synoptic, shifted -20.5 min										
PROG= 02 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= 78 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	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 82 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
└─ 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 #1C28: AR Standard-B (Morphology with thin-Be only), 384FOV at 1064, 1048 with G-band (1ms/1ms leak) 15s cad - AEC3												
Term	Pointing (x, y)							Comment				
01/05 15:31:30 - 01/05 21:26:54	Track (867.9, 125.7) ^{@ 01/05 15:19:00}	HOP297 (17-21) and AR obs										
01/06 15:33:00 - 01/06 21:26:54	Fixed (920.0, 109.0)	HOP297 (17-21) and AR obs										
PROG= 11 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 1-time(s) 2.0sec												
└─ Seqn= 24 240-time(s) 15.0sec												
└─ thin-Be/Open	med-Be/Open	close	Safe	Norm	125ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1C0E: HOP297 - 768x768 - 4x4 - 1224,1072 - AEC 2 - Be-thin - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) with PFB												
Term	Pointing (x, y)							Comment				
01/05 21:30:00 - 01/05 23:22:30	Track (867.9, 125.7) ^{@ 01/05 15:19:00}	HOP297 (17-21) and AR obs										
01/06 21:30:00 - 01/06 23:57:00	Fixed (920.0, 109.0)	HOP297 (17-21) and AR obs										
PROG= 20 Inf.-time(s)												
└─ Subr= 1 1-time(s) 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 #1BA1: HOP336 1-filter - Al/poly -384x384, 512ms and 4s, 60s-cadence, G-band - 384x384 1ms

Term	Pointing (x, y)	Comment
01/07 00:10:58 - 01/07 02:56:00	Track (-29.6, 700.0) @ 01/07 00:00:00	HOP336 at North
01/07 03:16:00 - 01/07 06:34:54	Track (-28.4, -671.0) @ 01/07 03:00:00	HOP336 at South
PROG= 09 Inf.-time(s)		
Subr= 1 1-time(s) 2.0sec		
Seqn= 16 2-time(s) 2.0sec		
Open/G-band	Open/G-band close	Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec
Subr= 2 1-time(s) 2.0sec		
Seqn= 90 1-time(s) 30.0sec		
Open/G-band	Open/G-band open	Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec
Subr= 3 15-time(s) 2.0sec		
Seqn= 68 1-time(s) 60.0sec		
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 #1C13: Synoptic 7 Filter w/ Al-mesh(512/2048/4096), Al-poly(512/4096/8192), Thin-Be(3897/16384/32768) - Thick-Be(65536), Al-poly+Ti-poly(4096/23142)

Term	Pointing (x, y)	Comment
01/08 06:00:00 - 01/08 06:07:24	Fixed (0.0, 0.0)	HOP349 and synoptic
PROG= 10 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= 12 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
Seqn= 82 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
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) 4.0sec		
Open/G-band	Open/G-band open	Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=90 0 0 2.0sec
Open/G-band	Open/G-band close	Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Subr= 2 1-time(s) 2.0sec		
Seqn= 46 1-time(s) 2.0sec		
Open/thick-Be	Open/thick-Be close	Safe Norm 64.0s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Seqn= 17 1-time(s) 2.0sec		
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
Seqn= 97 1-time(s) 2.0sec		
Al-poly/Ti-poly	Al-poly/thick-Al close	Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al close	Safe Norm 22.6s 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

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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
01/05 10:31:00 - 01/05 15:08:54	Track (849.1, 128.1) @ 01/05 10:28:00	# OP start + 10min, AR12732
01/05 21:30:00 - 01/05 23:22:30	Track (867.9, 125.7) @ 01/05 15:19:00	HOP297 (17-21) and AR obs
01/05 23:43:00 - 01/06 00:59:30	Fixed (0.0, 950.0)	Polar eclipse obs
01/06 01:07:00 - 01/06 02:22:30	Fixed (0.0, 0.0)	DC eclipse obs
01/06 02:42:00 - 01/06 03:57:30	Fixed (0.0, 950.0)	Polar eclipse obs
01/06 04:20:00 - 01/06 06:05:54	Fixed (0.0, 0.0)	HOP349 and synoptic
01/06 06:19:00 - 01/06 15:19:54	Track (913.4, 117.8) @ 01/06 06:16:00	AR12732
01/06 21:30:00 - 01/06 23:57:00	Fixed (920.0, 109.0)	HOP297 (17-21) and AR obs
01/07 00:10:58 - 01/07 02:56:00	Track (-29.6, 700.0) @ 01/07 00:00:00	HOP336 at North
01/07 03:16:00 - 01/07 06:34:54	Track (-28.4, -671.0) @ 01/07 03:00:00	HOP336 at South
01/07 06:47:30 - 01/07 17:39:24	Fixed (920.0, 109.0)	AR12732
01/07 17:52:30 - 01/08 01:56:30	Fixed (920.0, 109.0)	Cont,
01/08 02:16:00 - 01/08 05:56:54	Fixed (0.0, 0.0)	HOP349 and synoptic
01/08 06:10:30 - 01/08 09:45:30	Fixed (920.0, 109.0)	AR12732

PROG= 13 30-time(s)

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					

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Active Region Search

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NOT USED

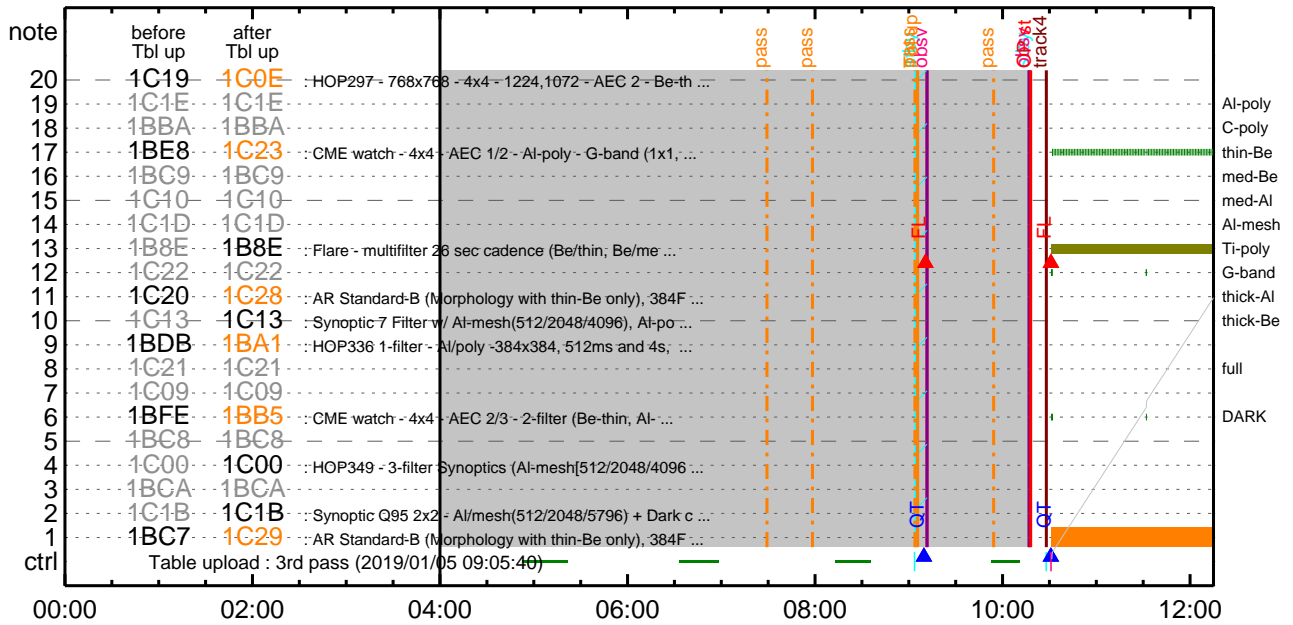
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Flare Detection

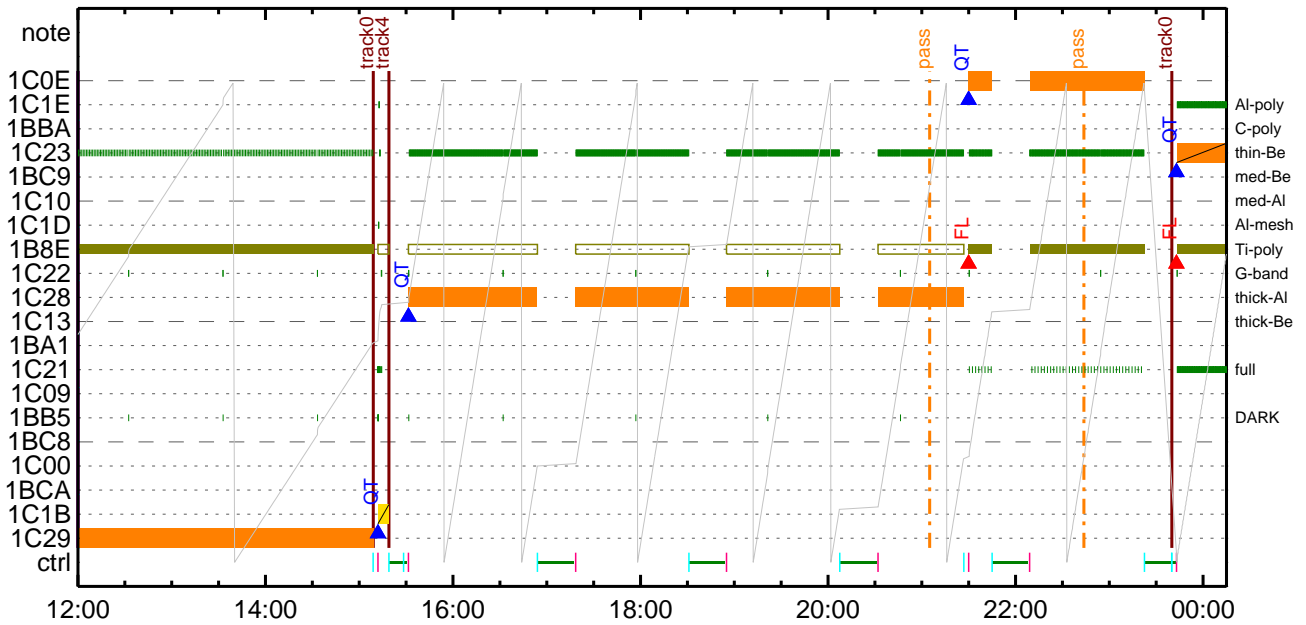
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FLD Patrol													
Term		Pointing (x, y)					Comment						
01/05 21:27:16 - 01/06 06:06:16		Track (867.9, 125.7) ^{@ 01/05 15:19:00}					HOP297 (17-21) and AR obs						
01/06 06:16:16 - 01/06 15:20:16		Track (913.4, 117.8) ^{@ 01/06 06:16:00}					AR12732						
01/06 21:27:16 - 01/07 06:35:16		Fixed (920.0, 109.0)					HOP297 (17-21) and AR obs						
01/07 06:44:46 - 01/07 17:43:46		Fixed (0.0, 0.0)					synoptic, shifted manually						
01/07 17:49:46 - 01/08 05:57:16		Fixed (920.0, 109.0)					Cont,						
01/08 06:07:46 - 01/10 11:03:00		Fixed (920.0, 109.0)					AR12732						
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

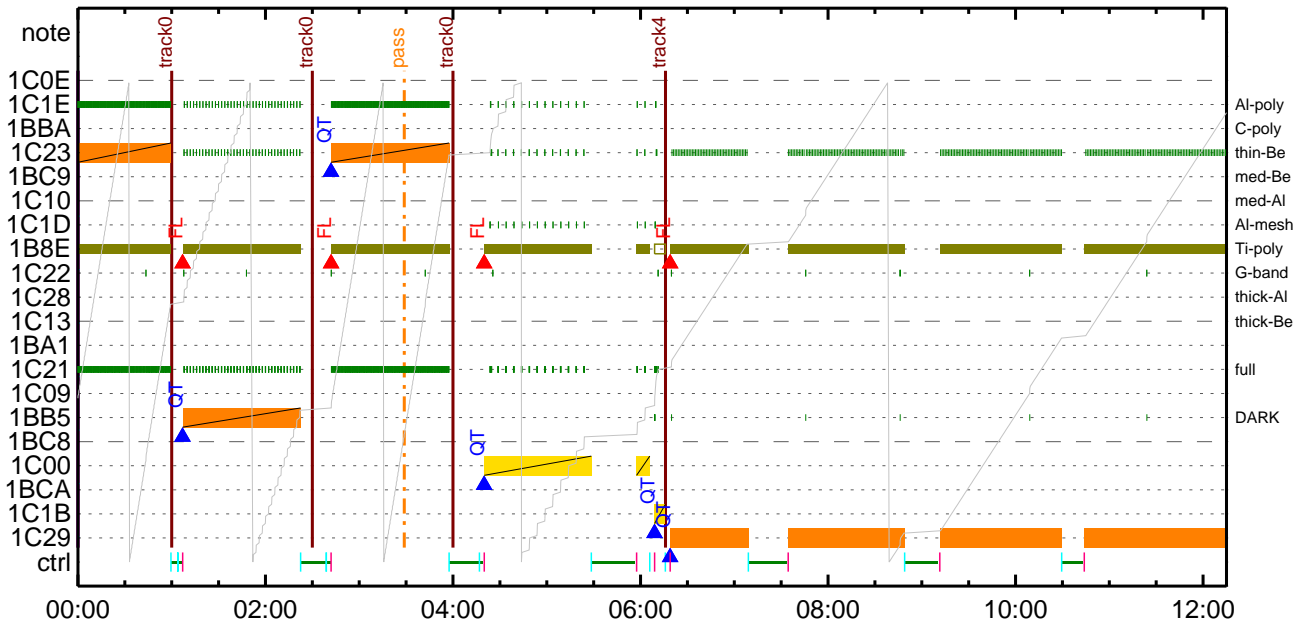
CMDI #0991 2019/01/05



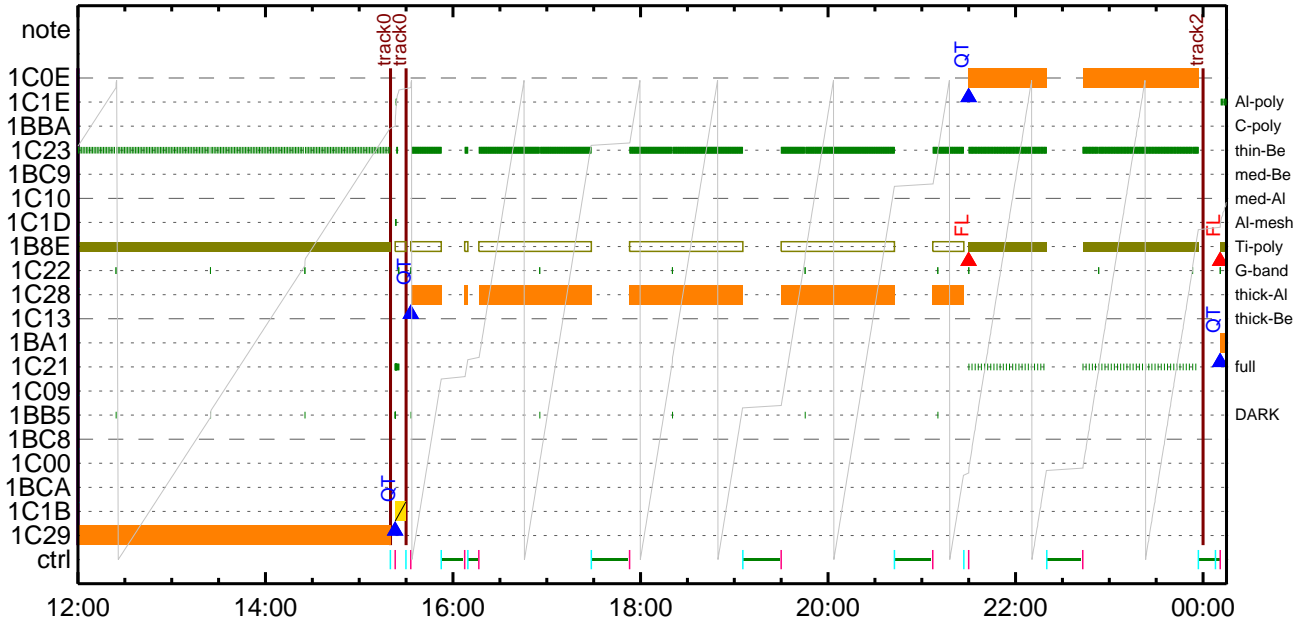
CMDI #0991 2019/01/05



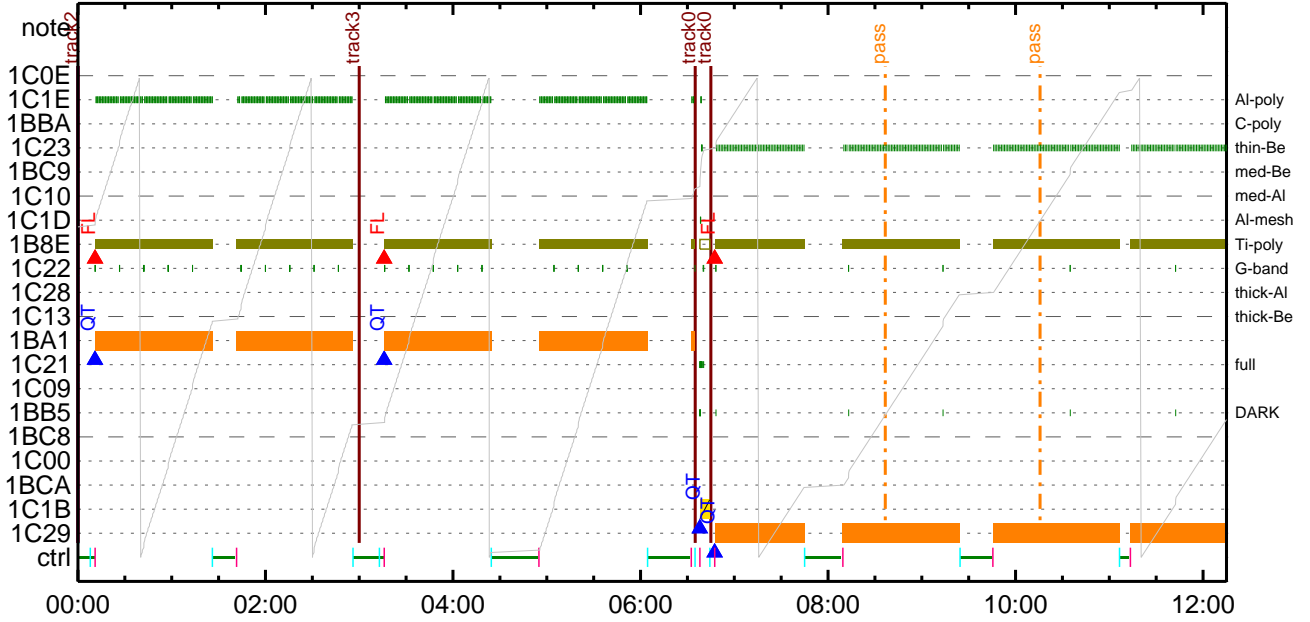
CMDI #0991 2019/01/06



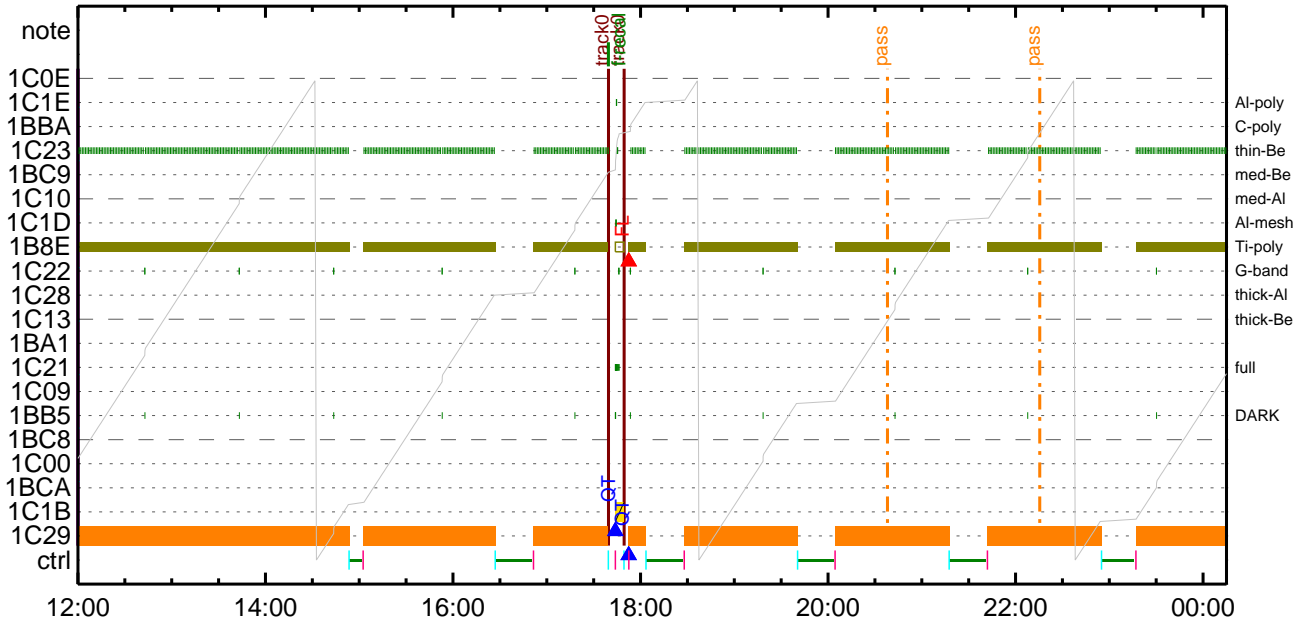
CMDI #0991 2019/01/06



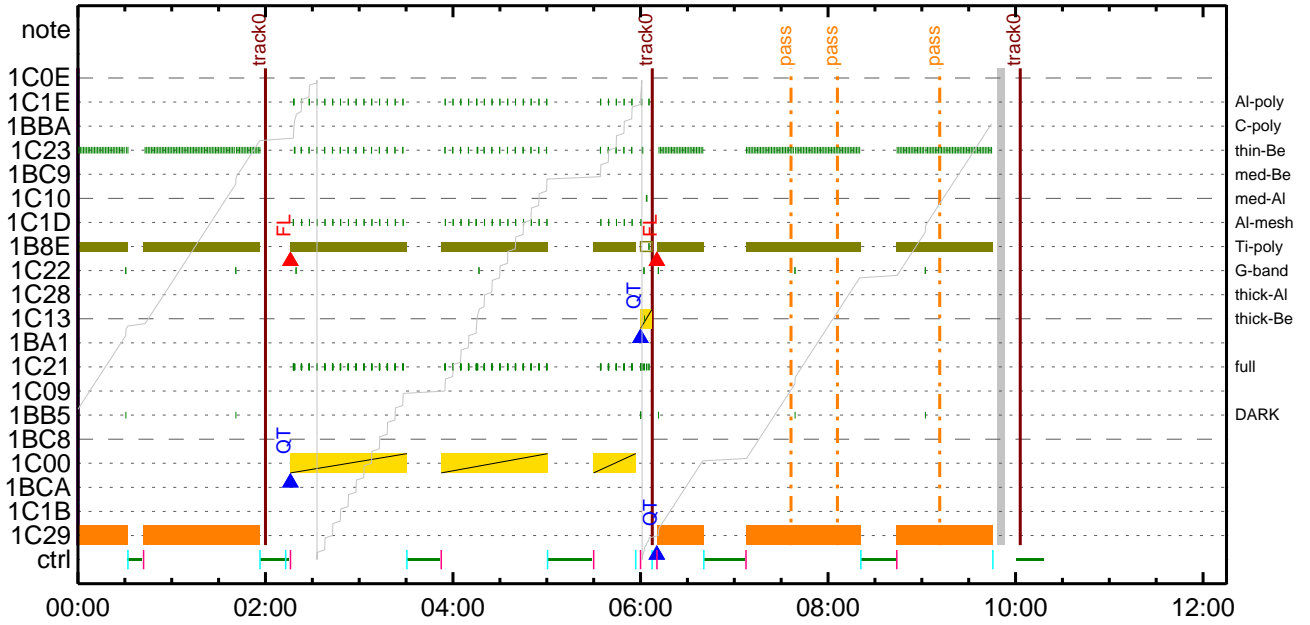
CMDI #0991 2019/01/07



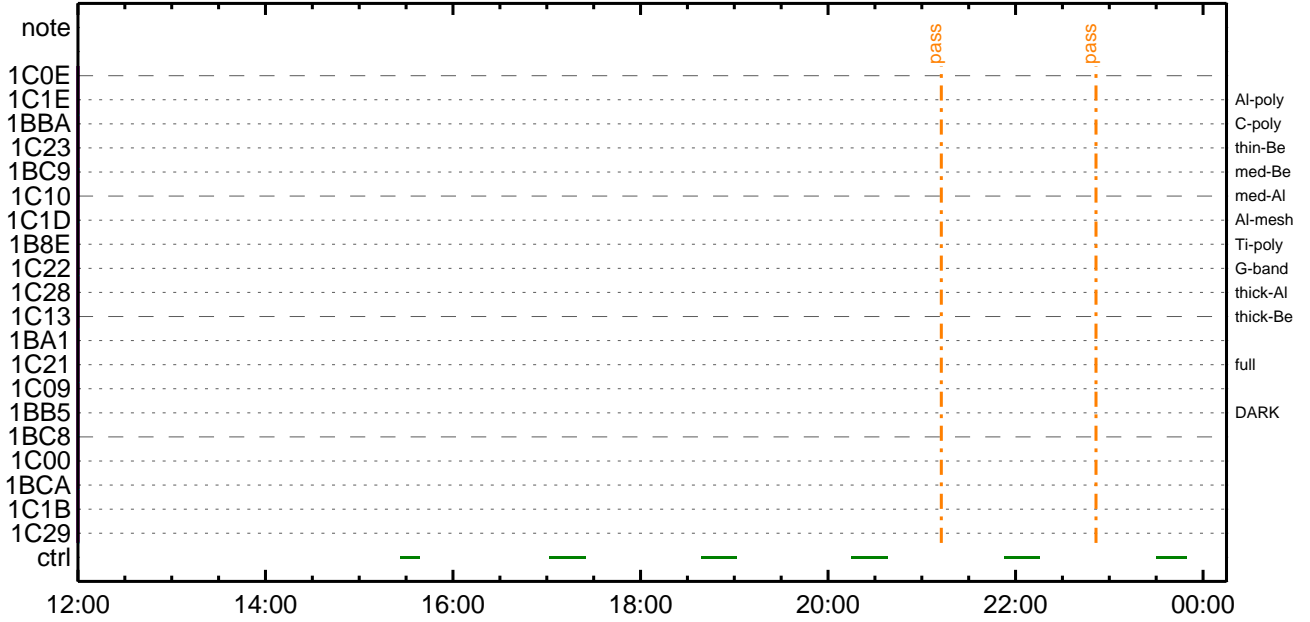
CMDI #0991 2019/01/07



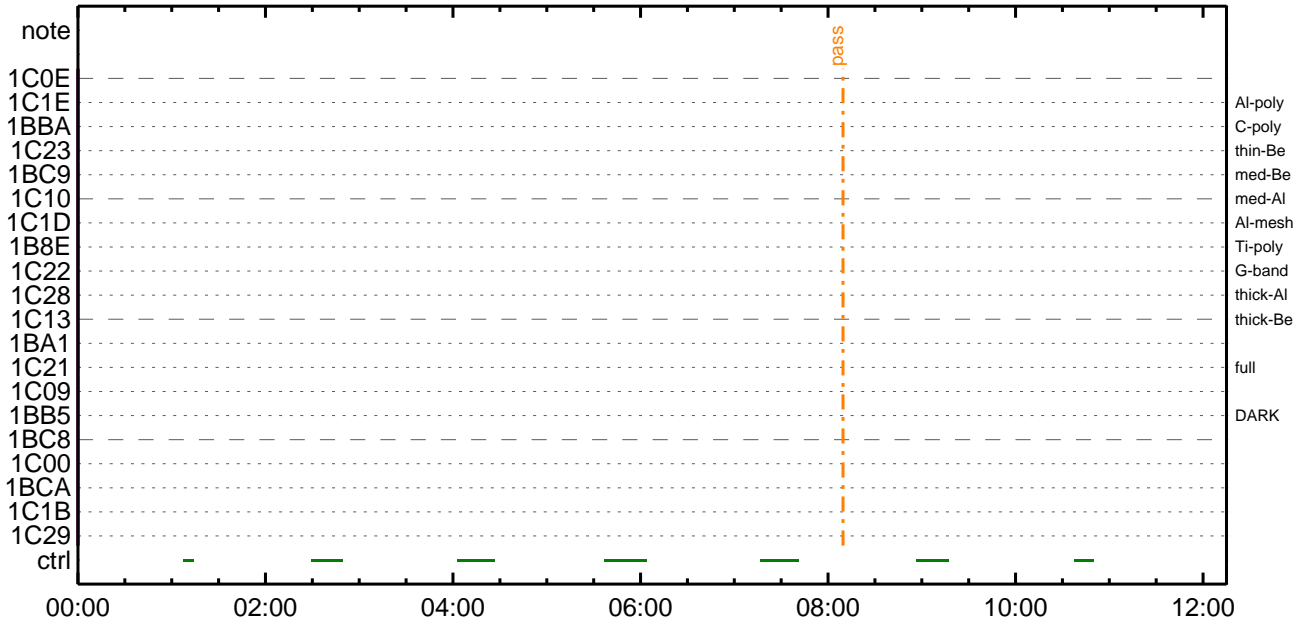
CMDI #0991 2019/01/08



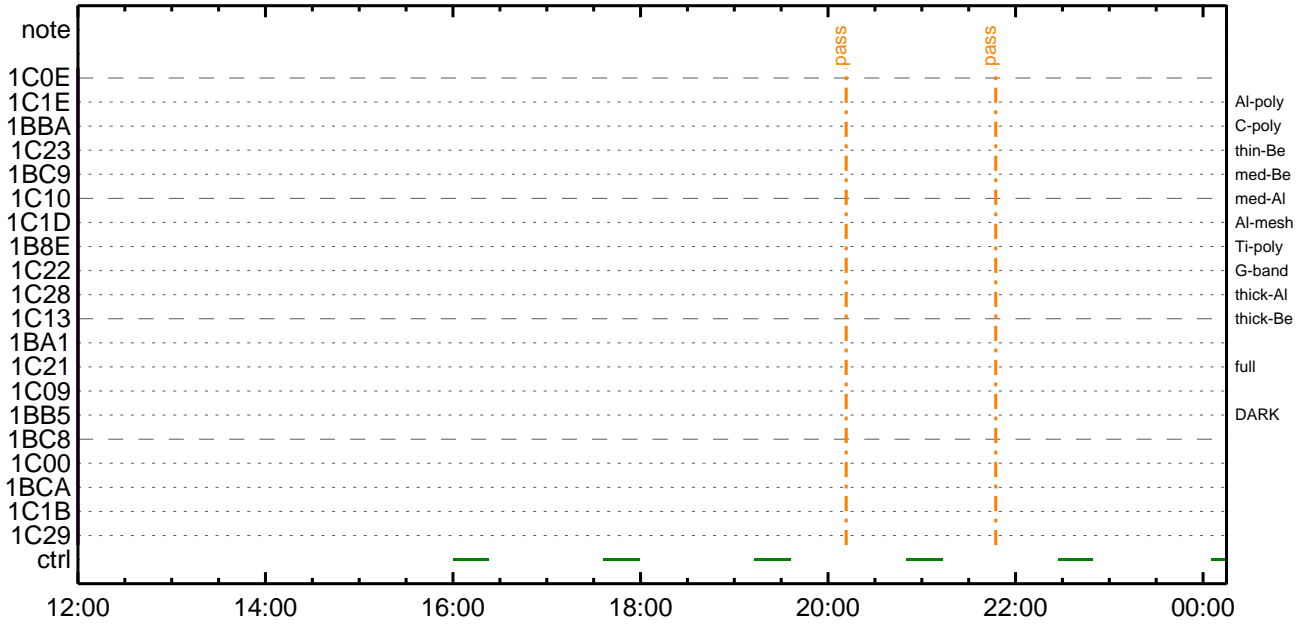
CMDI #0991 2019/01/08



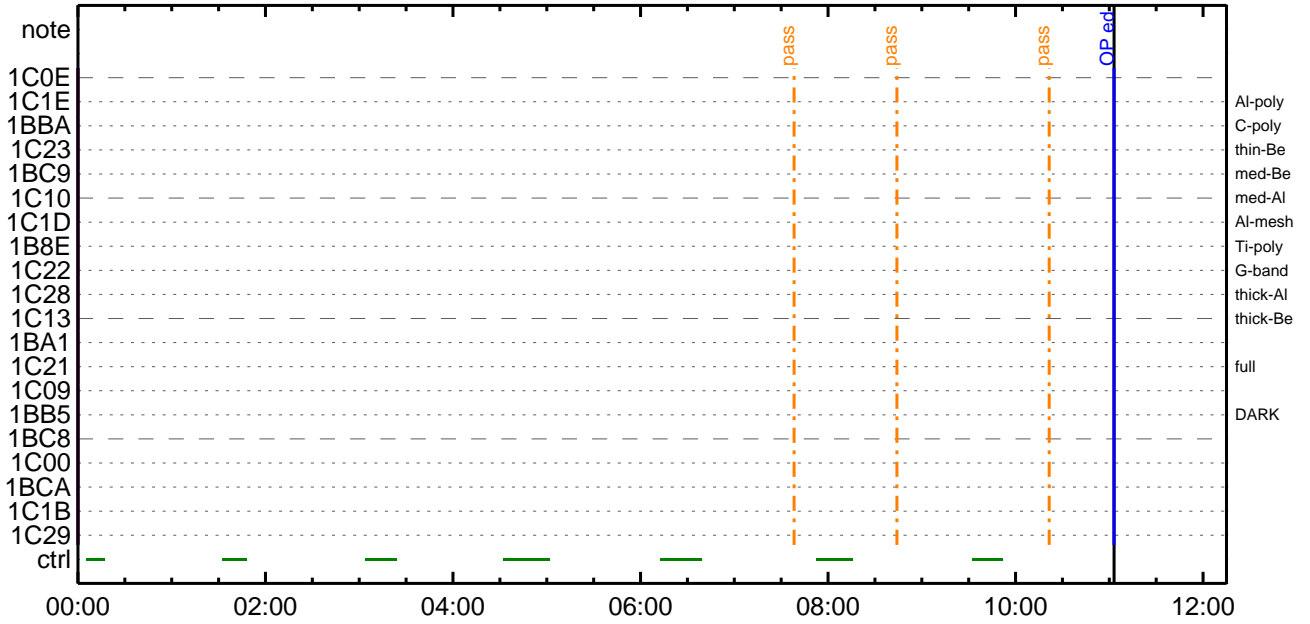
CMDI #0991 2019/01/09



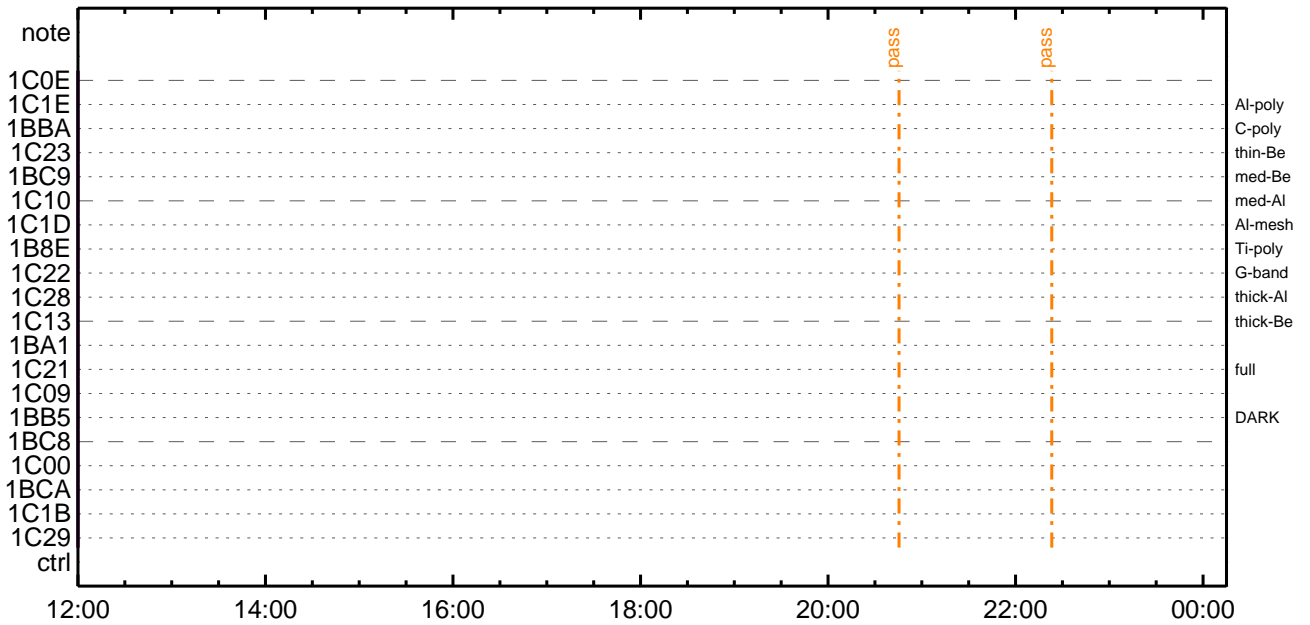
CMDI #0991 2019/01/09



CMDI #0991 2019/01/10



CMDI #0991 2019/01/10




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0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;ä
0100 C. *****
0101 C.
0102 C. ;äOP/OGY1;4YE;ä
0103 S. OP op-853:OP
0104 ( )
0105 S. OG og-853:OG
0106 ( )
0107 C.
0108 C. ;äNMOG&OPîî°èYÄYôYx;ä
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. YÄYôYx½ª î»ð³ îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOGîî½ª¹ç•è² îOKð³ îÇ§
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. YÄYôYx½ªª î»ð³ îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOGîî½ª¹ç•è² îOKð³ îÇ§
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. YÄYôYx½ªª î»ð³ îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OPîî½ª¹ç•è² îOKð³ îÇ§
0165 C.
0166 C. ***** òÈ²¼ò î½ª¹ ç¶¹òÈÈ-ò°Ä÷¿@ (¼âµ-YÄYôYx½ªè½çòðÄÖÄæç¼ªª°ðè¼î¹çòçðâ) *****
0167 C. DHUÄâ;4YE;È½Y½;Yî;4YE;Èòðîäª¹
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 UPLOADò-Ä÷¿@NGüî½ª¹ç;ç°È²¼ò îTI-CMDÄ÷¿@î½ª¹Òª°ðÈòò³òÈ;£
0180 C. òÈò¿;çSETòÈDUMPòîÈª±òîY½ª¹ç¹Òª°ð³òÈ;£
0181 C.
0182 C. TIY³Y½YôYÈòðÄÄî¿¿ (UT)
0183 +. TI 2019-01-05 10:13:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2019-01-05 10:13:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2019-01-05 10:13:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

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(a) Spacecraft Operation Procedure (real-commands)

```
main-856 2019-01-05 12:57:55 48 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÀYB;¼Y³YFYOYÉÁ÷ç®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;ÈçðÁð•µ°È»Í×ÁÇçÍYçYÁY×Yí;¼YÉ;ÈÈè¼µ•íÍÉ;ÈÈÈ¼°ÇÒç•ç¼í¹ççÍ;çÀ®, ùç¹çèçðçÁ÷ç®ç•çÈççç³çÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C. *****
0015 C. * AOCSÈüç²¼áí»»þ³ÍÇ§±çÍÑ *
0016 C. *****
0017 C.
0018 . C. ***** 1. Èüç²¼Y¹YÉ;¼Yç¼Y¹çÍ³ÍÇ§ *****
0019 C. [ ] <ORB>[H/W TIMER] ECLIPS (HK2_SLR_ECLIPS_ST) EQ ELSE
0020 C. [ ] <--->[SW T STS] ECL (HK2_ECLIPS_STS_S/W) EQ OUT
0021 C.
0022 C.
0023 . C. ***** 2. ¾áµ-³ÍÇ§ç¬ <NGçÍ¼í¹ç>;ç²¼µ-CMDçðÁ÷ç®ç¹çè *****
0024 C.
0025 +. DC 02-D3 AOCU_SLR_ECLPS_END
0026 C.
0027 C. [ ] <ORB>[H/W TIMER] ECLIPS (HK2_SLR_ECLIPS_ST) EQ ELSE
0028 C. [ ] <--->[SW T STS] ECL (HK2_ECLIPS_STS_S/W) EQ OUT
0029 C.
0030 C.
0031 C. ***** End of AOCS SPECIAL CMD *****
0032 . C.
0033 C.
0034 . C. ***** MDP ´ûÁíçÍ»ò¼YçÈÁðç¹çèDCBC•x²è *****
0035 C. (¾á°íYÓYÁYÈYþYÈYáYçYè¼ç¼ç¼Á»Ûç¹çè)
0036 . S. DC-BC dcbc-402:DCBC
0037 (MDP_known_event)
0038 C.
0039 C.
0040 . C. ***** YDY¹•Í Daily±çÍÑçÈ´Øç¹çèDCBC•x²è *****
0041 . S. DC-BC dcbc-153:DCBC
0042 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0043 C.
0044 C.
0045 . C. ;ãLOSÁY$YÁY-¼Á»Û;ã
0046 C.
0047 . C. ***** LOS *****
0048 C.
```

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*** OP Sequence for XRT ***

2019/01/05	10:27:54.0	XRT_CTRL_MANU_402_OG [0x192]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/05	10:27:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]				
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2019/01/05	10:28:00.0	AOCS_OrE-point_Start_1_OG [0x097]				
		AOCU_NM	5	02-76	04 03 02 01 ca	
2019/01/05	10:28:16.0	XRT_FLD_ENA_411_OG [0x19b]				
		MDP_XRT_FLD_ENA	1	07-F0	d8	
2019/01/05	10:28:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]				
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2019/01/05	10:28:20.0	XRT_AEC_RESET_448_OG [0x1c0]				
		MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/01/05	10:28:22.0	XRT_ARS_DIS_423_OG [0x1a7]				
		MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/01/05	10:28:24.0	XRT_FLD_RESET_421_OG [0x1a5]				
		MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/05	10:30:56.0	XRT_QT_PROG_SET_401_OG [0x191]				
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01	
2019/01/05	10:30:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]				
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2019/01/05	10:31:00.0	XRT_CTRL_AUTO_408_OG [0x198]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/05	15:08:54.0	XRT_CTRL_MANU_402_OG [0x192]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/05	15:08:56.0	XRT_FOCUS_POSITION_406_OG [0x196]				
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2019/01/05	15:09:00.0	AOCS_OrE-point_Start_2_OG [0x098]				
		AOCU_NM	5	02-76	00 00 00 00 00	
2019/01/05	15:09:16.0	XRT_FLD_DIS_409_OG [0x199]				
		MDP_XRT_FLD_DIS	1	07-F0	d9	
2019/01/05	15:09:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]				
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2019/01/05	15:09:20.0	XRT_ARS_DIS_426_OG [0x1aa]				
		MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/01/05	15:11:58.0	XRT_QT_PROG_SET_429_OG [0x1ad]				
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02	
2019/01/05	15:12:00.0	XRT_CTRL_AUTO_408_OG [0x198]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/05	15:19:00.0	AOCS_OrE-point_Start_1_OG [0x097]				
		AOCU_NM	5	02-76	04 03 02 01 ca	
2019/01/05	15:19:00.5	XRT_CTRL_MANU_400_OG [0x190]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/05	15:19:02.5	XRT_FLD_RESET_415_OG [0x19f]				
		MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/05	15:19:04.5	XRT_PREFLR_STRT_439_OG [0x1b7]				
		MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/05	15:22:14.5	XRT_PREFLR_STOP_419_OG [0x1a3]				
		MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/05	15:28:24.0	XRT_CTRL_MANU_402_OG [0x192]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/05	15:28:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]				
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2019/01/05	15:28:46.0	XRT_FLD_DIS_409_OG [0x199]				
		MDP_XRT_FLD_DIS	1	07-F0	d9	
2019/01/05	15:28:48.0	XRT_FLRCTRL_DIS_413_OG [0x19d]				
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2019/01/05	15:28:50.0	XRT_AEC_RESET_448_OG [0x1c0]				
		MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/01/05	15:28:52.0	XRT_ARS_DIS_423_OG [0x1a7]				
		MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/01/05	15:28:54.0	XRT_FLD_RESET_428_OG [0x1ac]				
		MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/05	15:31:28.0	XRT_QT_PROG_SET_443_OG [0x1bb]				
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b	
2019/01/05	15:31:30.0	XRT_CTRL_AUTO_408_OG [0x198]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/05	16:54:00.0	XRT_CTRL_MANU_400_OG [0x190]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/05	16:54:02.0	XRT_FLD_RESET_415_OG [0x19f]				
		MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/05	16:54:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]				
		MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/05	16:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
		MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/05	17:17:30.0	XRT_Custom_430_OG [0x1ae]				
2019/01/05	17:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/05	18:31:00.0	XRT_CTRL_MANU_400_OG [0x190]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/05	18:31:02.0	XRT_FLD_RESET_415_OG [0x19f]				
		MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/05	18:31:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]				
		MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/05	18:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
		MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/05	18:54:01.0	XRT_Custom_430_OG [0x1ae]				
2019/01/05	18:55:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/05	20:07:30.0	XRT_CTRL_MANU_400_OG [0x190]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/05	20:07:32.0	XRT_FLD_RESET_415_OG [0x19f]				

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2019/01/05	20:07:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da			
2019/01/05	20:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/01/05	20:31:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/01/05	20:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/01/05	21:26:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/01/05	21:26:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2019/01/05	21:27:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2019/01/05	21:27:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2019/01/05	21:27:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2019/01/05	21:27:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/01/05	21:27:24.0	XRT_FLD_RESET_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da			
2019/01/05	21:29:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14			
2019/01/05	21:29:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2019/01/05	21:30:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/01/05	21:45:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/01/05	21:45:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2019/01/05	21:45:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/01/05	21:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/01/05	22:08:00.0	XRT_Custom_430_OG [0x1ae]							
2019/01/05	22:09:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/01/05	23:22:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/01/05	23:22:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2019/01/05	23:22:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/01/05	23:25:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/01/05	23:39:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/01/05	23:39:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/01/05	23:39:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2019/01/05	23:40:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 ab 8e 00 00			
2019/01/05	23:40:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2019/01/05	23:40:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2019/01/05	23:40:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2019/01/05	23:40:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/01/05	23:40:26.0	XRT_FLD_RESET_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da			
2019/01/05	23:42:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11			
2019/01/05	23:42:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2019/01/05	23:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/01/06	00:59:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/01/06	00:59:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2019/01/06	00:59:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/01/06	01:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00			
2019/01/06	01:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/01/06	01:03:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/01/06	01:03:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/01/06	01:03:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2019/01/06	01:04:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2019/01/06	01:04:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2019/01/06	01:04:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			

2019/01/06	01:04:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2019/01/06	01:04:26.0	XRT_FLD_RESET_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/01/06	01:06:56.0	XRT_QT_PROG_SET_431_OG [0x1af]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06	
2019/01/06	01:06:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2019/01/06	01:07:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/01/06	02:22:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/01/06	02:22:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/01/06	02:22:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/01/06	02:25:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/01/06	02:30:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	ab 8e 00 00	
2019/01/06	02:38:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/01/06	02:38:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/01/06	02:38:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00	
2019/01/06	02:39:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2019/01/06	02:39:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2019/01/06	02:39:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2019/01/06	02:39:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2019/01/06	02:39:26.0	XRT_FLD_RESET_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/01/06	02:41:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	11	
2019/01/06	02:41:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2019/01/06	02:42:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/01/06	03:57:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/01/06	03:57:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/01/06	03:57:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/01/06	04:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	00 00 00 00	
2019/01/06	04:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/01/06	04:16:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/01/06	04:16:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00	
2019/01/06	04:17:16.0	XRT_FLD_ENA_427_OG [0x1ab]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2019/01/06	04:19:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2019/01/06	04:19:50.5	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2019/01/06	04:19:52.5	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2019/01/06	04:19:54.5	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/01/06	04:19:56.5	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	04	
2019/01/06	04:19:58.5	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2019/01/06	04:20:00.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/01/06	05:28:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/01/06	05:28:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/01/06	05:28:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/01/06	05:31:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/01/06	05:56:30.0	XRT_Custom_430_OG [0x1ae]						
2019/01/06	05:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/01/06	06:05:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/01/06	06:05:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00	
2019/01/06	06:06:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2019/01/06	06:06:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2019/01/06	06:06:20.0	XRT_ARS_DIS_426_OG [0x1aa]	MDP_XRT_ARS_DIS	1	07-F0	d5		

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2019/01/06	06:08:58.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02
2019/01/06	06:09:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/06	06:15:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/06	06:15:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2019/01/06	06:16:00.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04 03 02 01	ca
2019/01/06	06:16:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2019/01/06	06:16:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2019/01/06	06:16:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/01/06	06:16:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/01/06	06:16:24.0	XRT_FLD_RESET_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/06	06:18:56.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01
2019/01/06	06:18:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2019/01/06	06:19:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/06	07:09:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/06	07:09:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/06	07:09:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/06	07:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/06	07:33:30.0	XRT_Custom_430_OG [0x1ae]					
2019/01/06	07:34:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/06	08:49:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/06	08:49:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/06	08:49:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/06	08:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/06	09:10:30.0	XRT_Custom_430_OG [0x1ae]					
2019/01/06	09:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/06	10:29:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/06	10:29:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/06	10:29:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/06	10:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/06	10:43:00.0	XRT_Custom_430_OG [0x1ae]					
2019/01/06	10:44:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/06	15:19:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/06	15:19:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2019/01/06	15:20:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00	00
2019/01/06	15:20:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2019/01/06	15:20:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2019/01/06	15:20:20.0	XRT_ARS_DIS_426_OG [0x1aa]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/01/06	15:22:58.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02
2019/01/06	15:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/06	15:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/06	15:29:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2019/01/06	15:30:00.0	AOCS_Ore-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00 f6 4e ae	36
2019/01/06	15:30:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2019/01/06	15:30:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2019/01/06	15:30:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/01/06	15:30:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/01/06	15:30:24.0	XRT_FLD_RESET_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/06	15:32:58.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b

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2019/01/06	15:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/01/06	15:52:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/01/06	15:52:32.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/01/06	15:52:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/01/06	15:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/01/06	16:06:30.0	XRT_Custom_430_OG [0x1ae]						
2019/01/06	16:07:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/01/06	16:09:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/01/06	16:09:32.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/01/06	16:09:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/01/06	16:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/01/06	16:15:30.0	XRT_Custom_430_OG [0x1ae]						
2019/01/06	16:16:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/01/06	17:28:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/01/06	17:28:32.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/01/06	17:28:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/01/06	17:31:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/01/06	17:52:00.0	XRT_Custom_430_OG [0x1ae]						
2019/01/06	17:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/01/06	19:05:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/01/06	19:05:32.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/01/06	19:05:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/01/06	19:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/01/06	19:29:00.0	XRT_Custom_430_OG [0x1ae]						
2019/01/06	19:30:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/01/06	20:42:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/01/06	20:42:32.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/01/06	20:42:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/01/06	20:45:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/01/06	21:06:00.0	XRT_Custom_430_OG [0x1ae]						
2019/01/06	21:07:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/01/06	21:26:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/01/06	21:26:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2019/01/06	21:27:16.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2019/01/06	21:27:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2019/01/06	21:27:20.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2019/01/06	21:27:22.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/01/06	21:27:24.0	XRT_FLD_RESET_421_OG [0x1a5]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/01/06	21:29:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14			
2019/01/06	21:29:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2019/01/06	21:30:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/01/06	22:20:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/01/06	22:20:02.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/01/06	22:20:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/01/06	22:23:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/01/06	22:42:00.0	XRT_Custom_430_OG [0x1ae]						
2019/01/06	22:43:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/01/06	23:57:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/01/06	23:57:02.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/01/06	23:57:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]						

2019/01/07	00:00:00.0	AOCS_ORe-point_Start_5_OG [0x09b]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
		AOCU_NM		5	02-76	02 00 00 00 00	
2019/01/07	00:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/07	00:07:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/07	00:07:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2019/01/07	00:08:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2019/01/07	00:08:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2019/01/07	00:08:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/01/07	00:08:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/01/07	00:08:24.0	XRT_FLD_RESET_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/07	00:10:54.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09	
2019/01/07	00:10:56.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2019/01/07	00:10:58.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/07	01:26:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/07	01:26:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/07	01:26:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/07	01:29:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/07	01:40:30.0	XRT_Custom_430_OG [0x1ae]					
2019/01/07	01:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/07	02:56:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/07	02:56:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/07	02:56:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/07	02:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/07	03:00:00.0	AOCS_ORe-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	03 00 00 00 00	
2019/01/07	03:12:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/07	03:12:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2019/01/07	03:13:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2019/01/07	03:13:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2019/01/07	03:13:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/01/07	03:13:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/01/07	03:13:24.0	XRT_FLD_RESET_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/07	03:15:56.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09	
2019/01/07	03:15:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2019/01/07	03:16:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/07	04:24:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/07	04:24:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/07	04:24:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/07	04:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/07	04:54:00.0	XRT_Custom_430_OG [0x1ae]					
2019/01/07	04:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/07	06:04:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/07	06:04:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/07	06:04:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/07	06:07:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/07	06:31:30.0	XRT_Custom_430_OG [0x1ae]					
2019/01/07	06:32:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/07	06:34:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/07	06:34:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2019/01/07	06:35:00.0	AOCS_ORe-point_Start_2_OG [0x098]					

2019/01/07	06:35:16.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00	00	00	00	00
			MDP_XRT_FLD_DIS	1	07-F0	d9				
2019/01/07	06:35:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]								
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2019/01/07	06:35:20.0	XRT_ARS_DIS_426_OG [0x1aa]								
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/01/07	06:37:58.0	XRT_QT_PROG_SET_429_OG [0x1ad]								
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	02			
2019/01/07	06:38:00.0	XRT_CTRL_AUTO_408_OG [0x198]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/07	06:44:24.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/07	06:44:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]								
			XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2019/01/07	06:44:46.0	XRT_FLD_ENA_411_OG [0x19b]								
			MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/01/07	06:44:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/01/07	06:44:50.0	XRT_AEC_RESET_448_OG [0x1c0]								
			MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/01/07	06:44:52.0	XRT_ARS_DIS_423_OG [0x1a7]								
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/01/07	06:44:54.0	XRT_FLD_RESET_421_OG [0x1a5]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/07	06:45:00.0	AOCS_ORe-point_Start_4_OG [0x09a]								
			AOCU_NM	5	02-76	00	f6	4e	ae	36
2019/01/07	06:47:26.0	XRT_QT_PROG_SET_401_OG [0x191]								
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	01			
2019/01/07	06:47:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]								
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2019/01/07	06:47:30.0	XRT_CTRL_AUTO_408_OG [0x198]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/07	07:45:00.0	XRT_CTRL_MANU_400_OG [0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/07	07:45:02.0	XRT_FLD_RESET_415_OG [0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/07	07:45:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/07	07:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/07	08:08:30.0	XRT_Custom_430_OG [0x1ae]								
2019/01/07	08:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/07	09:24:30.0	XRT_CTRL_MANU_400_OG [0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/07	09:24:32.0	XRT_FLD_RESET_415_OG [0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/07	09:24:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/07	09:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/07	09:44:30.0	XRT_Custom_430_OG [0x1ae]								
2019/01/07	09:45:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/07	11:06:30.0	XRT_CTRL_MANU_400_OG [0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/07	11:06:32.0	XRT_FLD_RESET_415_OG [0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/07	11:06:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/07	11:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/07	11:12:30.0	XRT_Custom_430_OG [0x1ae]								
2019/01/07	11:13:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/07	14:53:30.0	XRT_CTRL_MANU_400_OG [0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/07	14:53:32.0	XRT_FLD_RESET_415_OG [0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/07	14:53:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/07	14:56:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/07	15:01:30.0	XRT_Custom_430_OG [0x1ae]								
2019/01/07	15:02:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/07	16:27:00.0	XRT_CTRL_MANU_400_OG [0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/07	16:27:02.0	XRT_FLD_RESET_415_OG [0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/07	16:27:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/07	16:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/07	16:50:30.0	XRT_Custom_430_OG [0x1ae]								
2019/01/07	16:51:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/07	17:39:24.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/07	17:39:26.0	XRT_FOCUS_RECALIBRATE_417_OG [0x1a1]								
			XRT_FOCUS_RECAL	2	07-F8	78	00			
2019/01/07	17:39:30.0	AOCS_ORe-point_Start_2_OG [0x098]								

2019/01/07	17:43:26.0	XRT_FOCUS_POSITION_406_OG [0x196]	AOCU_NM	5	02-76	00	00	00	00	00
		XRT_FOCUS_POSITION		4	07-F8	22	ff	aa	00	
2019/01/07	17:43:46.0	XRT_FLD_DIS_409_OG [0x199]								
		MDP_XRT_FLD_DIS		1	07-F0		d9			
2019/01/07	17:43:48.0	XRT_FLRCTRL_DIS_413_OG [0x19d]								
		MDP_XRT_FLRCTRL_DIS		1	07-F0		c9			
2019/01/07	17:43:50.0	XRT_ARS_DIS_407_OG [0x197]								
		MDP_XRT_ARS_DIS		1	07-F0		d5			
2019/01/07	17:43:52.0	XRT_QT_PROG_SET_429_OG [0x1ad]								
		MDP_XRT_QT_PROG_SET		2	07-F0		c4		02	
2019/01/07	17:43:54.0	XRT_CTRL_AUTO_408_OG [0x198]								
		MDP_XRT_CTRL_AUTO		1	07-F0		c0			
2019/01/07	17:49:24.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU		1	07-F0		c1			
2019/01/07	17:49:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]								
		XRT_FOCUS_POSITION		4	07-F8	22	fe	97	00	
2019/01/07	17:49:30.0	AOCs_Ore-point_Start_4_OG [0x09a]								
		AOCU_NM		5	02-76	00	f6	4e	ae	36
2019/01/07	17:49:46.0	XRT_FLD_ENA_411_OG [0x19b]								
		MDP_XRT_FLD_ENA		1	07-F0		d8			
2019/01/07	17:49:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
		MDP_XRT_FLRCTRL_ENA		1	07-F0		c8			
2019/01/07	17:49:50.0	XRT_AEC_RESET_448_OG [0x1c0]								
		MDP_XRT_AEC_RESET		1	07-F0		d0			
2019/01/07	17:49:52.0	XRT_ARS_DIS_423_OG [0x1a7]								
		MDP_XRT_ARS_DIS		1	07-F0		d5			
2019/01/07	17:49:54.0	XRT_FLD_RESET_421_OG [0x1a5]								
		MDP_XRT_FLD_RESET		1	07-F0		da			
2019/01/07	17:52:26.0	XRT_QT_PROG_SET_401_OG [0x191]								
		MDP_XRT_QT_PROG_SET		2	07-F0		c4		01	
2019/01/07	17:52:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]								
		MDP_XRT_FL_PROG_SET		2	07-F0		c5		0d	
2019/01/07	17:52:30.0	XRT_CTRL_AUTO_408_OG [0x198]								
		MDP_XRT_CTRL_AUTO		1	07-F0		c0			
2019/01/07	18:03:30.0	XRT_CTRL_MANU_400_OG [0x190]								
		MDP_XRT_CTRL_MANU		1	07-F0		c1			
2019/01/07	18:03:32.0	XRT_FLD_RESET_415_OG [0x19f]								
		MDP_XRT_FLD_RESET		1	07-F0		da			
2019/01/07	18:03:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]								
		MDP_XRT_PREFLR_STRT		1	07-F0		e8			
2019/01/07	18:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
		MDP_XRT_PREFLR_STOP		1	07-F0		e9			
2019/01/07	18:27:00.5	XRT_Custom_430_OG [0x1ae]								
2019/01/07	18:28:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]								
		MDP_XRT_CTRL_AUTO		1	07-F0		c0			
2019/01/07	19:40:30.0	XRT_CTRL_MANU_400_OG [0x190]								
		MDP_XRT_CTRL_MANU		1	07-F0		c1			
2019/01/07	19:40:32.0	XRT_FLD_RESET_415_OG [0x19f]								
		MDP_XRT_FLD_RESET		1	07-F0		da			
2019/01/07	19:40:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]								
		MDP_XRT_PREFLR_STRT		1	07-F0		e8			
2019/01/07	19:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
		MDP_XRT_PREFLR_STOP		1	07-F0		e9			
2019/01/07	20:03:30.0	XRT_Custom_430_OG [0x1ae]								
2019/01/07	20:04:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
		MDP_XRT_CTRL_AUTO		1	07-F0		c0			
2019/01/07	21:17:30.0	XRT_CTRL_MANU_400_OG [0x190]								
		MDP_XRT_CTRL_MANU		1	07-F0		c1			
2019/01/07	21:17:32.0	XRT_FLD_RESET_415_OG [0x19f]								
		MDP_XRT_FLD_RESET		1	07-F0		da			
2019/01/07	21:17:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]								
		MDP_XRT_PREFLR_STRT		1	07-F0		e8			
2019/01/07	21:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
		MDP_XRT_PREFLR_STOP		1	07-F0		e9			
2019/01/07	21:41:00.0	XRT_Custom_430_OG [0x1ae]								
2019/01/07	21:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
		MDP_XRT_CTRL_AUTO		1	07-F0		c0			
2019/01/07	22:55:00.0	XRT_CTRL_MANU_400_OG [0x190]								
		MDP_XRT_CTRL_MANU		1	07-F0		c1			
2019/01/07	22:55:02.0	XRT_FLD_RESET_415_OG [0x19f]								
		MDP_XRT_FLD_RESET		1	07-F0		da			
2019/01/07	22:55:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]								
		MDP_XRT_PREFLR_STRT		1	07-F0		e8			
2019/01/07	22:58:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
		MDP_XRT_PREFLR_STOP		1	07-F0		e9			
2019/01/07	23:16:00.0	XRT_Custom_430_OG [0x1ae]								
2019/01/07	23:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
		MDP_XRT_CTRL_AUTO		1	07-F0		c0			
2019/01/08	00:32:00.0	XRT_CTRL_MANU_400_OG [0x190]								
		MDP_XRT_CTRL_MANU		1	07-F0		c1			
2019/01/08	00:32:02.0	XRT_FLD_RESET_415_OG [0x19f]								
		MDP_XRT_FLD_RESET		1	07-F0		da			
2019/01/08	00:32:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]								
		MDP_XRT_PREFLR_STRT		1	07-F0		e8			
2019/01/08	00:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
		MDP_XRT_PREFLR_STOP		1	07-F0		e9			
2019/01/08	00:41:00.0	XRT_Custom_430_OG [0x1ae]								
2019/01/08	00:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
		MDP_XRT_CTRL_AUTO		1	07-F0		c0			
2019/01/08	01:56:30.0	XRT_CTRL_MANU_400_OG [0x190]								
		MDP_XRT_CTRL_MANU		1	07-F0		c1			
2019/01/08	01:56:32.0	XRT_FLD_RESET_415_OG [0x19f]								

2019/01/08	01:56:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/01/08	01:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/01/08	02:00:00.0	AOCS_Orе-point_Start_2_OG [0x098]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/01/08	02:12:54.0	XRT_CTRL_MANU_402_OG [0x192]	AOCU_NM	5	02-76	00 00 00 00 00		
2019/01/08	02:12:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/01/08	02:13:16.0	XRT_FLD_ENA_427_OG [0x1ab]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2019/01/08	02:15:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2019/01/08	02:15:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2019/01/08	02:15:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2019/01/08	02:15:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2019/01/08	02:15:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/01/08	02:15:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04		
2019/01/08	02:16:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2019/01/08	03:30:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/01/08	03:30:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/01/08	03:30:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/01/08	03:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/01/08	03:51:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/01/08	03:52:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]					
2019/01/08	05:00:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/01/08	05:00:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/01/08	05:00:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/01/08	05:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/01/08	05:29:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/01/08	05:30:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]					
2019/01/08	05:56:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/01/08	05:56:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/01/08	05:57:16.0	XRT_FLD_DIS_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2019/01/08	05:57:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2019/01/08	05:57:20.0	XRT_ARS_DIS_426_OG [0x1aa]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2019/01/08	05:59:58.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2019/01/08	06:00:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a		
2019/01/08	06:07:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/01/08	06:07:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/01/08	06:07:30.0	AOCS_Orе-point_Start_4_OG [0x09a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2019/01/08	06:07:46.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 f6 4e ae 36		
2019/01/08	06:07:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2019/01/08	06:07:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2019/01/08	06:07:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2019/01/08	06:07:54.0	XRT_FLD_RESET_421_OG [0x1a5]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2019/01/08	06:10:26.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/01/08	06:10:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01		
2019/01/08	06:10:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2019/01/08	06:40:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/01/08	06:40:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/01/08	06:40:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/01/08	06:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/01/08			MDP_XRT_PREFLR_STOP	1	07-F0	e9		

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2019/01/08	07:06:30.0	XRT_Custom_430_OG [0x1ae]			
2019/01/08	07:07:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/08	08:21:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/08	08:21:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/08	08:21:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/01/08	08:24:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/08	08:43:00.0	XRT_Custom_430_OG [0x1ae]			
2019/01/08	08:44:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/08	09:45:30.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/08	10:03:00.0	AOCS_OrE-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00