

XRT Timeline to be uploaded on 2014/05/24

Period: 2014/05/24 11:16:00 - 2014/05/29 11:15:00

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Normal mode

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XOB #19FD: AR standard-B (thin-Be) with PFB, 384 FOV at 1064x1048, thin-Be, thick-Al, and Al/Poly context, With G-band (33ms/45ms leak), 10s cad, lowe

Term	Pointing (x, y)	Comment
05/24 12:03:00 - 05/24 13:57:00	Track (-551.3, -219.0) @ 05/24 11:26:00	# OP start + 10min; HOP247
05/25 12:03:00 - 05/25 14:29:54	Track (-364.2, -217.8) @ 05/25 12:00:00	HOP247
PROG= 08 Inf.-time(s)		
Subr= 1 1-time(s) 2.0sec		
Seqn= 8 2-time(s) 2.0sec		
Open/G-band Open/G-band close	Safe Norm 44ms Obs 1x1 384x384 (1064, 1048)	DPCM 0 0 2.0sec
Subr= 2 2-time(s) 2.0sec		
Seqn= 24 1-time(s) 2.0sec		
Open/Ti-poly Open/thick-Al close	Safe Dark 16.0s Obs 1x1 384x384 (1064, 1048)	Q=98 0 0 2.0sec
Open/G-band Open/G-band open	Safe Norm 32ms Obs 1x1 384x384 (1064, 1048)	Q=98 0 0 2.0sec
Seqn= 42 2-time(s) 2.0sec		
Al-poly/Open thin-Be/Open close	Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 0 2.0sec
thin-Be/Open med-Be/Open close	Safe Norm 5.66s Obs 1x1 512x512 (1064, 1048)	Q=95 3 0 2.0sec
Open/thick-Al Open/thick-Al close	Safe Norm 16.0s Obs 1x1 384x384 (1064, 1048)	Q=95 3 0 2.0sec
Seqn= 87 75-time(s) 2.0sec		
Al-poly/Open thin-Be/Open close	Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 0 10.0sec
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center)	Comp. AEC Buffer Interval

XOB #19ED: AR Standard-B(Morphology), Be/thin 104s-cad, multifilter PFB (Al/poly, Be/thin, Be/med), multifilter context, 384x384, 1064x1048, G-band (33r

Term	Pointing (x, y)	Comment
05/24 14:44:06 - 05/24 17:14:00	Track (63.6, 3.1) @ 05/24 14:00:00	EIS sensitivity monitoring
05/24 18:13:00 - 05/25 04:32:30	Track (-237.4, -203.6) @ 05/24 18:10:00	#AR tracking
05/25 05:58:00 - 05/25 11:16:30	Track (-135.3, -203.9) @ 05/25 05:55:00	#AR tracking
05/25 15:21:00 - 05/25 17:36:24	Fixed (-918.3, -230.5)	SE-limb AR
05/25 18:34:30 - 05/26 05:10:00	Track (-30.6, -204.6) @ 05/25 17:46:30	#AR tracking
05/26 06:13:00 - 05/26 07:59:54	Track (79.2, -205.7) @ 05/26 06:10:00	#AR tracking
05/26 12:22:00 - 05/26 13:31:30	Fixed (927.0, 31.0)	HOP243
05/26 19:10:00 - 05/27 05:47:00	Track (185.2, -207.0) @ 05/26 18:15:00	#AR tracking
PROG= 05 Inf.-time(s)		
Subr= 1 1-time(s) 2.0sec		
Seqn= 8 1-time(s) 2.0sec		
Open/G-band Open/G-band close	Safe Norm 44ms Obs 1x1 384x384 (1064, 1048)	DPCM 0 0 2.0sec
Seqn= 24 1-time(s) 2.0sec		
Open/Ti-poly Open/thick-Al close	Safe Dark 16.0s Obs 1x1 384x384 (1064, 1048)	Q=98 0 0 2.0sec
Open/G-band Open/G-band open	Safe Norm 32ms Obs 1x1 384x384 (1064, 1048)	Q=98 0 0 2.0sec
Subr= 2 2-time(s) 2.0sec		
Seqn= 16 2-time(s) 2.0sec		
Open/Ti-poly Open/thick-Al close	Safe Norm 250ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 0 2.0sec
Open/thick-Al Open/thick-Al close	Safe Norm 16.0s Obs 1x1 384x384 (1064, 1048)	Q=95 3 0 2.0sec
Al-poly/Open thin-Be/Open close	Safe Norm 177ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 0 2.0sec
C-poly/Open C-poly/thick-Al close	Safe Norm 250ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 0 2.0sec
thin-Be/Open med-Be/Open close	Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 0 2.0sec
med-Be/Open med-Be/Open close	Safe Norm 1.00s Obs 1x1 384x384 (1064, 1048)	Q=95 3 0 2.0sec
med-Al/Open Open/thick-Al close	Safe Norm 2.00s Obs 1x1 384x384 (1064, 1048)	Q=95 3 0 2.0sec
Seqn= 20 20-time(s) 2.0sec		
thin-Be/Open med-Be/Open close	Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 0 13.0sec
Al-poly/Open thin-Be/Open close	Safe Norm 177ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 1 13.0sec
thin-Be/Open med-Be/Open close	Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 2 13.0sec
med-Be/Open Open/thick-Al close	Safe Norm 1.00s Obs 1x1 384x384 (1064, 1048)	Q=95 3 3 13.0sec
thin-Be/Open med-Be/Open close	Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 1 13.0sec
Al-poly/Open thin-Be/Open close	Safe Norm 177ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 2 13.0sec
thin-Be/Open med-Be/Open close	Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 3 13.0sec
med-Be/Open Open/thick-Al close	Safe Norm 1.00s Obs 1x1 384x384 (1064, 1048)	Q=95 3 1 13.0sec
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center)	Comp. AEC Buffer Interval

XOB #1A10: Synoptic Q95 2x2 - Al/mesh(2/128/723) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Ti-poly(5/256/1443) + Thin

Term	Pointing (x, y)	Comment
05/24 18:03:00 - 05/24 18:09:54	Fixed (0.0, 0.0)	synoptic
05/25 05:48:00 - 05/25 05:54:54	Fixed (0.0, 0.0)	synoptic, shifted -15.0 min
05/25 17:39:30 - 05/25 17:46:24	Fixed (0.0, 0.0)	synoptic, shifted -23.5 min
05/26 06:03:00 - 05/26 06:09:54	Fixed (0.0, 0.0)	synoptic
05/26 18:08:00 - 05/26 18:14:54	Fixed (0.0, 0.0)	synoptic, shifted 5.0 min
05/27 06:32:30 - 05/27 06:39:24	Fixed (0.0, 0.0)	synoptic, shifted 29.5 min
PROG= 03 1-time(s)		
Subr= 1 1-time(s) 12.0sec		
Seqn= 35 1-time(s) 4.0sec		
Open/Al-mesh Open/Al-mesh close	Safe Norm 2ms Obs 2x2 2048x2048 (1024, 1024)	Q=95 0 0 2.0sec
Open/Al-mesh Open/Al-mesh close	Safe Norm 125ms Obs 2x2 2048x2048 (1024, 1024)	Q=95 0 0 2.0sec
Open/Al-mesh Open/Al-mesh close	Safe Norm 707ms Obs 2x2 2048x2048 (1024, 1024)	Q=95 0 0 2.0sec
Seqn= 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= 72 1-time(s) 4.0sec												
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	5ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 67 1-time(s) 2.0sec												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 6 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	8ms	Obs	2x2	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	32ms	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 #1A21: HOP255 - Coronal cavity - Al_poly -DPCM 1x1-512FOV-AEC1-60s cad w/ light leak image and G-band												
Term		Pointing (x, y)						Comment				
05/26 08:03:00 - 05/26 11:53:00		Fixed (728.0, -578.0)						HOP255 Prominence				
05/27 07:00:00 - 05/27 09:07:00		Fixed (728.0, -578.0)						HOP255 Prominence				
PROG= 20 Inf.-time(s)												
Subr= 1 1-time(s) 120.0sec												
Seqn= 54 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	32ms	Obs	1x1	512x512 (1024, 1024)	DPCM	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	44ms	Obs	1x1	512x512 (1024, 1024)	DPCM	0	0	2.0sec
Subr= 2 1-time(s) 2.0sec												
Seqn= 50 60-time(s) 60.0sec												
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	8.00s	Obs	1x1	512x512 (1024, 1024)	DPCM	1	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #19A9: G-Band Alignment with North Pole Q90 2x2(G-band only) - 8msec - 5min cadence - Partial Sun-wNGT-2												
Term		Pointing (x, y)						Comment				
05/26 14:15:00 - 05/26 15:59:54		Fixed (0.0, 930.0)						Coalignment N-pole				
PROG= 10 1-time(s)												
Subr= 1 1-time(s) 360.0sec												
Seqn= 93 24-time(s) 300.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	8ms	Obs	2x2	2048x1536 (1024, 768)	Q=90	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #19AA: G-Band Alignment with East limb Q90 2x2 (G-band only) - 8msec - 8 min cadence-wNGT-2												
Term		Pointing (x, y)						Comment				
05/26 16:15:00 - 05/26 18:04:54		Fixed (-945.0, 0.0)						Coalignment E-limb				
PROG= 18 1-time(s)												
Subr= 1 1-time(s) 360.0sec												
Seqn= 94 15-time(s) 480.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	8ms	Obs	2x2	1536x2048 (1280, 1024)	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 #19EC: Flare - high cad multifilter (Be/thin, Be/med, Al/thick), AEC 3, 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512x512 2x2) + Gband (4x4)												
Term		Pointing (x, y)						Comment				
05/24 12:03:00 - 05/24 13:57:00		Track (-551.3, -219.0) @ 05/24 11:26:00						# OP start + 10min; HOP247				
05/24 14:44:06 - 05/24 17:14:00		Track (63.6, 3.1) @ 05/24 14:00:00						EIS sensitivity monitoring				
05/24 18:13:00 - 05/25 04:32:30		Track (-237.4, -203.6) @ 05/24 18:10:00						#AR tracking				
05/25 05:58:00 - 05/25 11:16:30		Track (-135.3, -203.9) @ 05/25 05:55:00						#AR tracking				
05/25 12:03:00 - 05/25 14:29:54		Track (-364.2, -217.8) @ 05/25 12:00:00						HOP247				
05/25 15:21:00 - 05/25 17:36:24		Fixed (-918.3, -230.5)						SE-limb AR				
05/25 18:34:30 - 05/26 05:10:00		Track (-30.6, -204.6) @ 05/25 17:46:30						#AR tracking				
05/26 06:13:00 - 05/26 07:59:54		Track (79.2, -205.7) @ 05/26 06:10:00						#AR tracking				
05/26 08:03:00 - 05/26 11:53:00		Fixed (728.0, -578.0)						HOP255 Prominence				
05/26 12:22:00 - 05/26 13:31:30		Fixed (927.0, 31.0)						HOP243				
05/26 19:10:00 - 05/27 05:47:00		Track (185.2, -207.0) @ 05/26 18:15:00						#AR tracking				
05/27 07:00:00 - 05/27 09:07:00		Fixed (728.0, -578.0)						HOP255 Prominence				
PROG= 01 30-time(s)												
Subr= 1 30-time(s) 2.0sec												
Seqn= 26 1-time(s) 4.0sec												
thin-Be/Open	med-Be/Open	close	Safe	Norm	8ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
med-Be/Open	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Open/thick-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= 15	1-time(s)		2.0sec											
	Open/G-band	Open/G-band	open	Safe	Norm	44ms	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

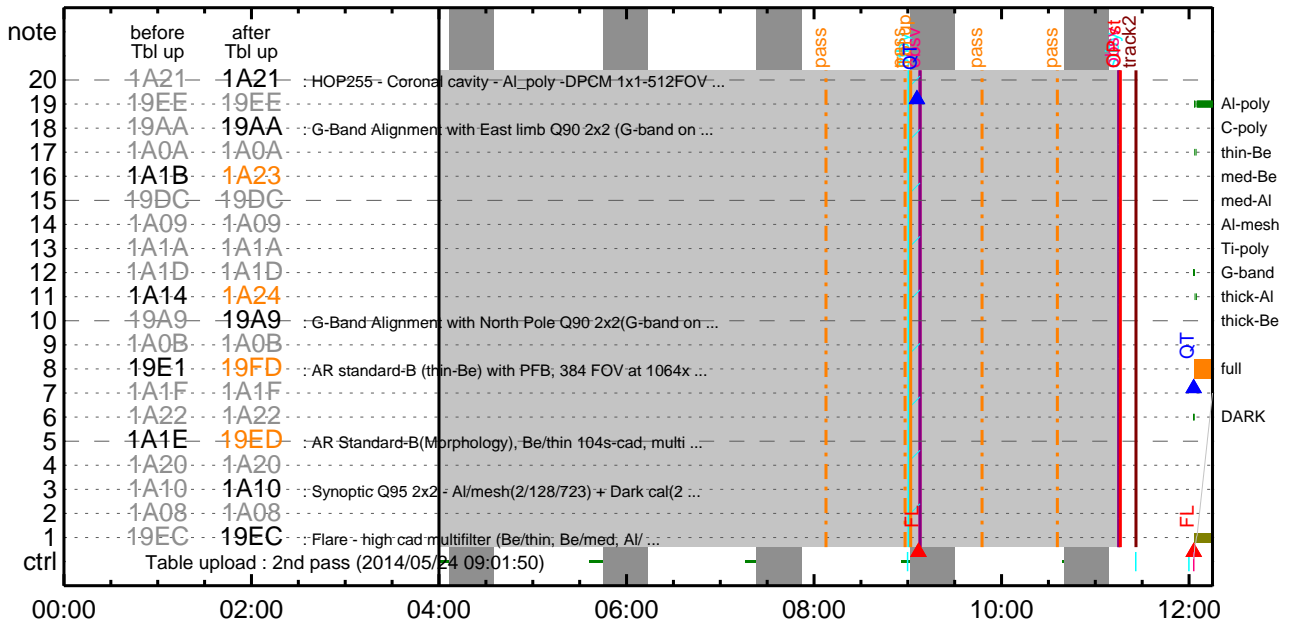
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Flare Detection

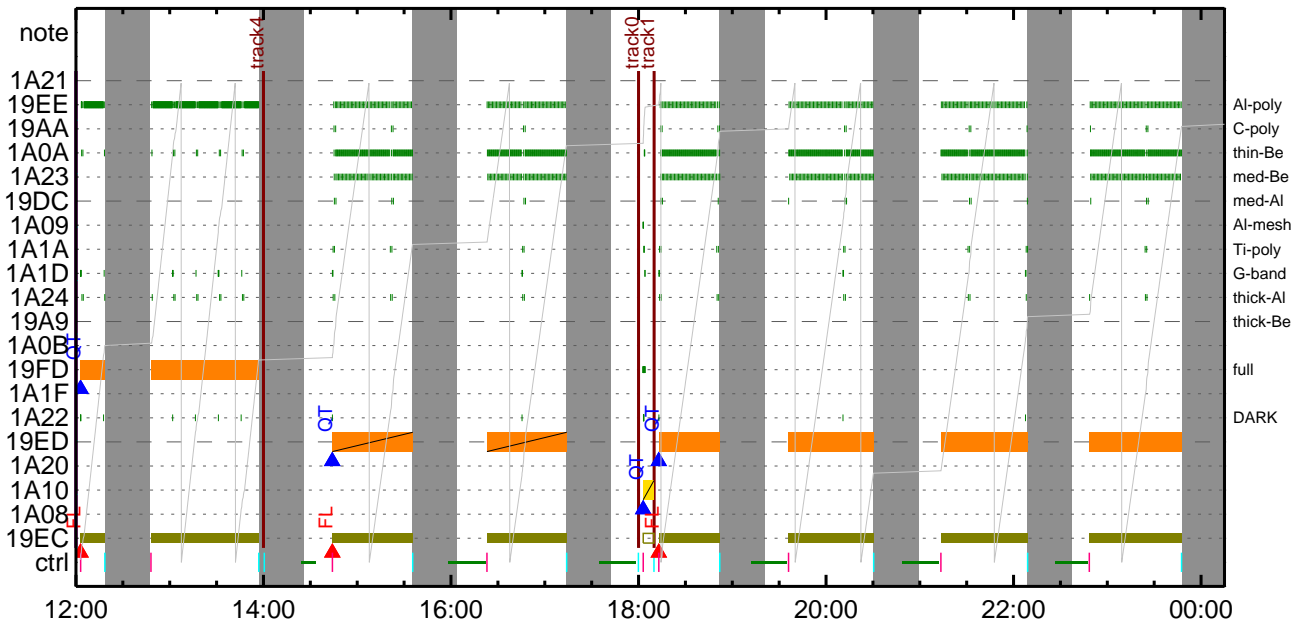
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FLD Patrol													
Term		Pointing (x, y)						Comment					
05/24 18:10:16 - 05/25 05:45:16		Track (-237.4, -203.6) [Ⓢ] 05/24 18:10:00						#AR tracking					
05/25 05:55:16 - 05/25 17:36:46		Track (-135.3, -203.9) [Ⓢ] 05/25 05:55:00						#AR tracking					
05/25 17:46:46 - 05/26 06:00:16		Track (-30.6, -204.6) [Ⓢ] 05/25 17:46:30						#AR tracking					
05/26 06:10:16 - 05/26 14:00:16		Track (79.2, -205.7) [Ⓢ] 05/26 06:10:00						#AR tracking					
05/26 18:15:16 - 05/27 06:29:46		Track (185.2, -207.0) [Ⓢ] 05/26 18:15:00						#AR tracking					
05/27 06:39:46 - 05/29 11:15:00		Fixed (728.0, -578.0)						HOP255 Prominence					
Open/Ti-poly		Open/thick-Al	close	Safe	Norm	8ms	Obs	8x8		Q=50	80sec		
Default Filter		Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval

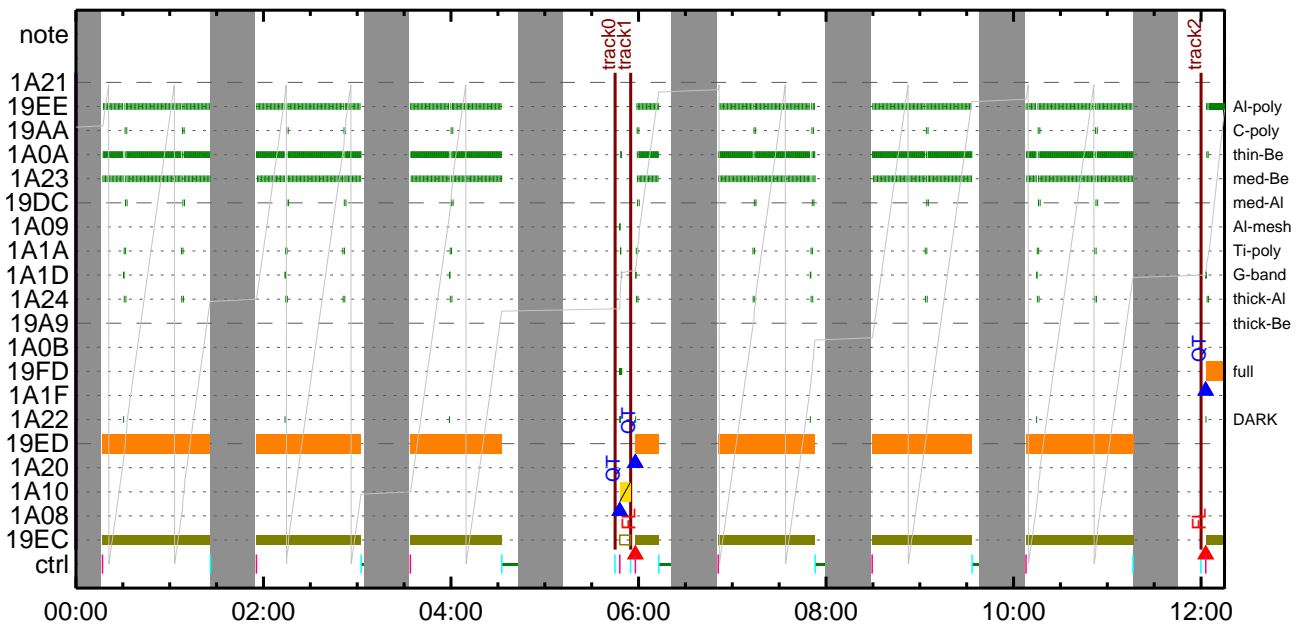
CMDI #0302 2014/05/24



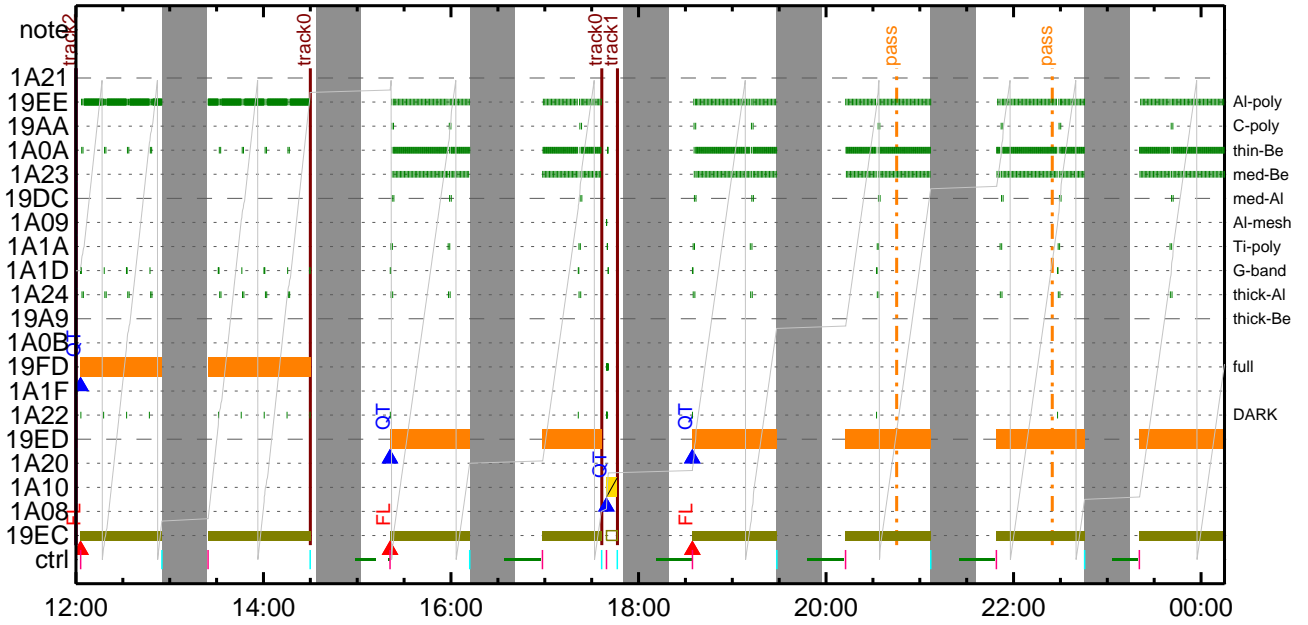
CMDI #0302 2014/05/24



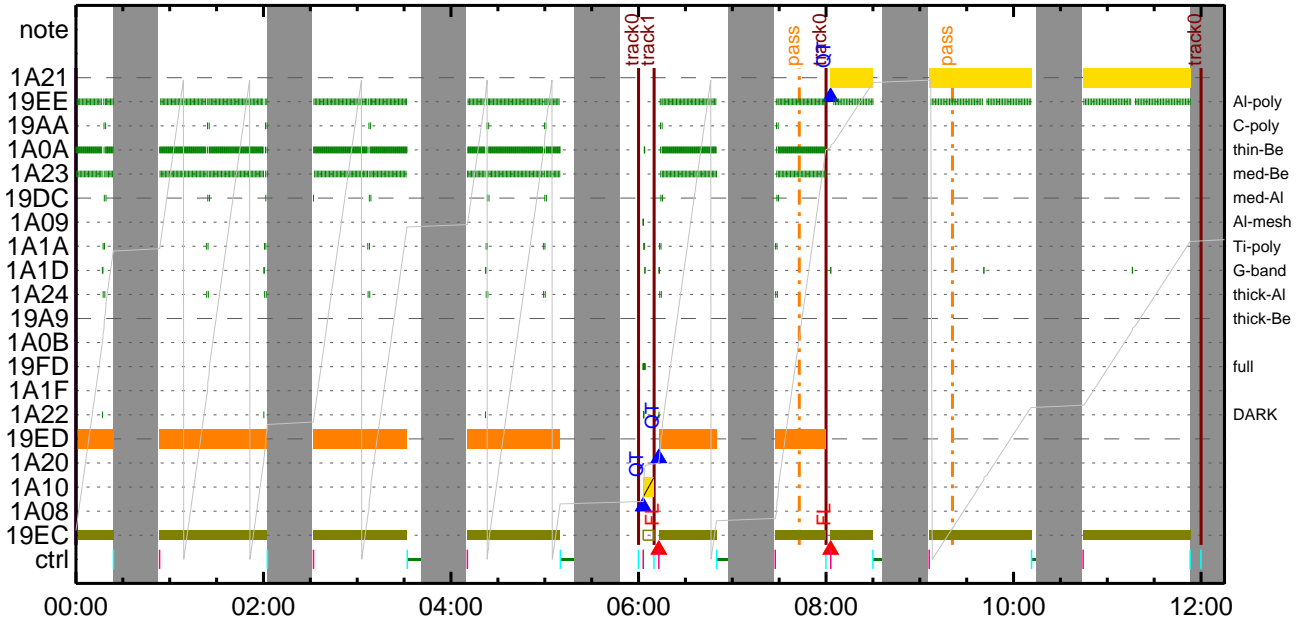
CMDI #0302 2014/05/25



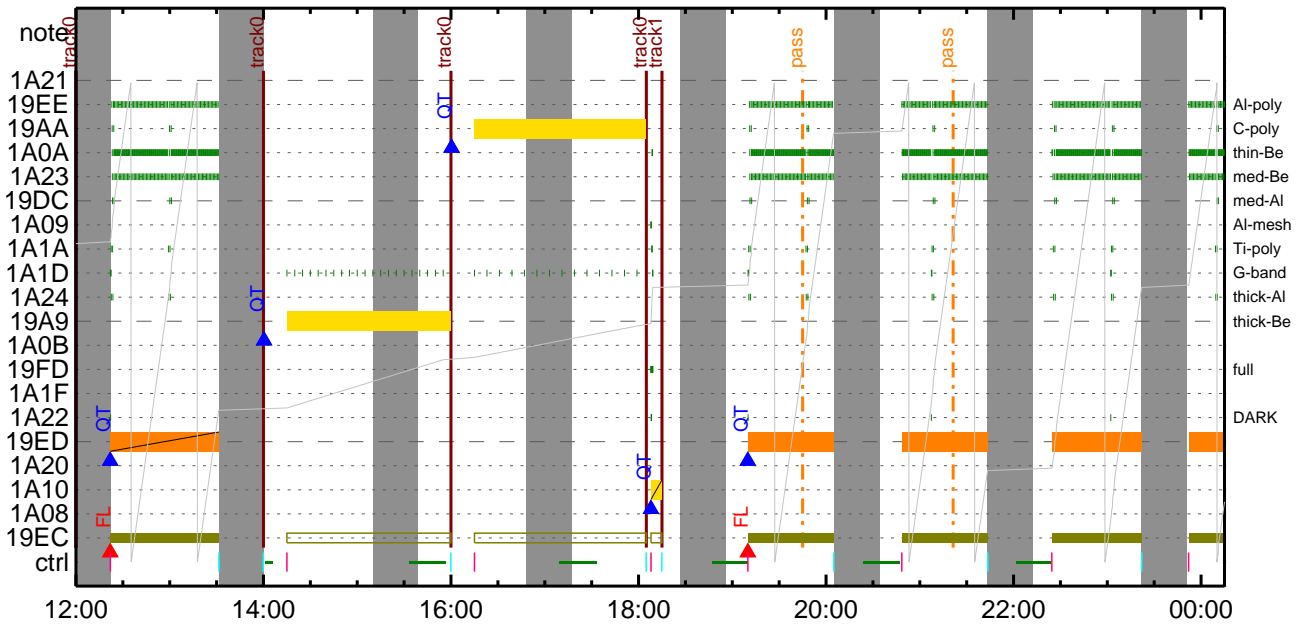
CMDI #0302 2014/05/25



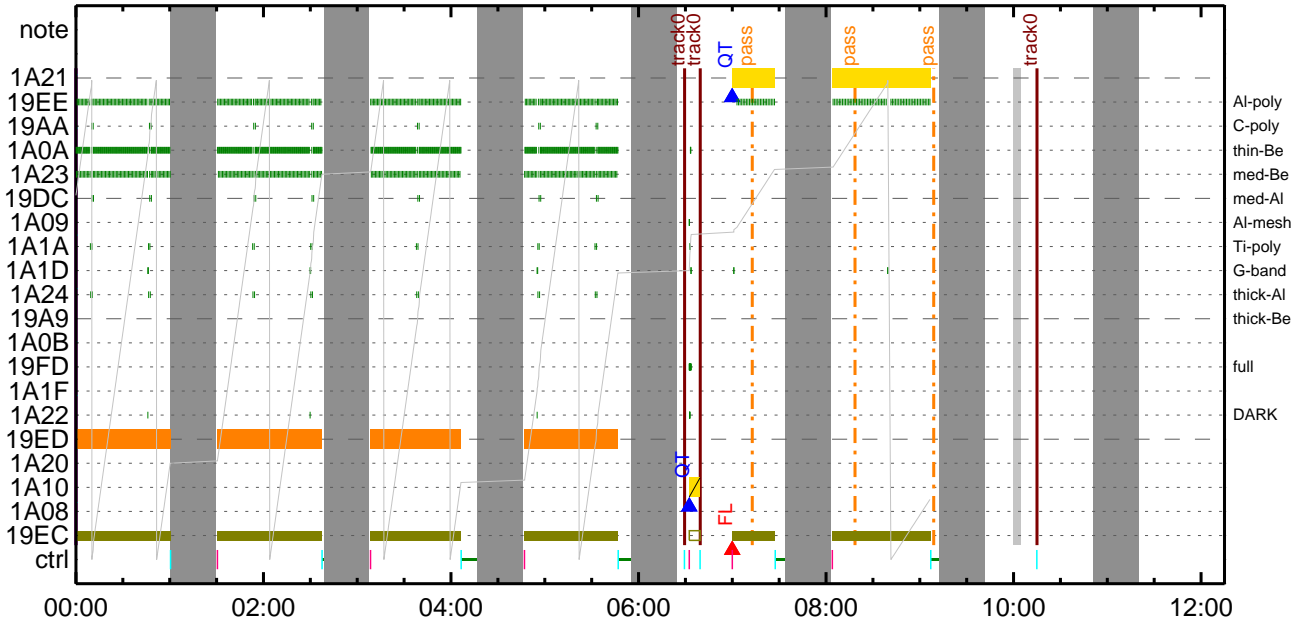
CMDI #0302 2014/05/26



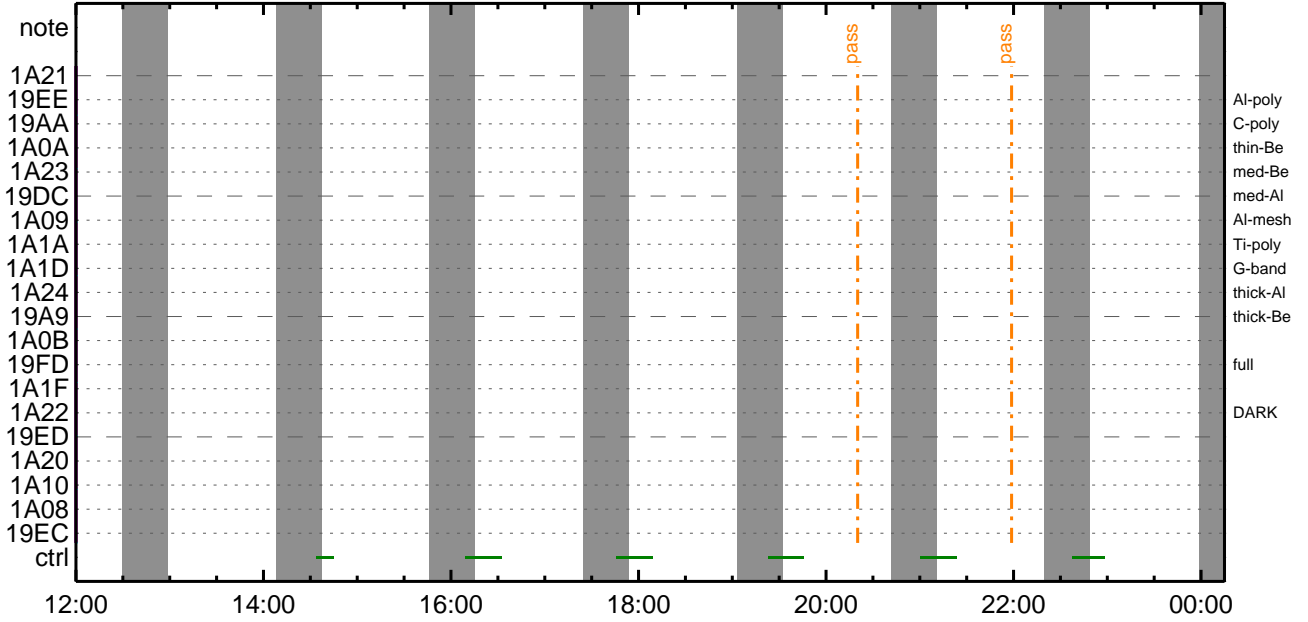
CMDI #0302 2014/05/26



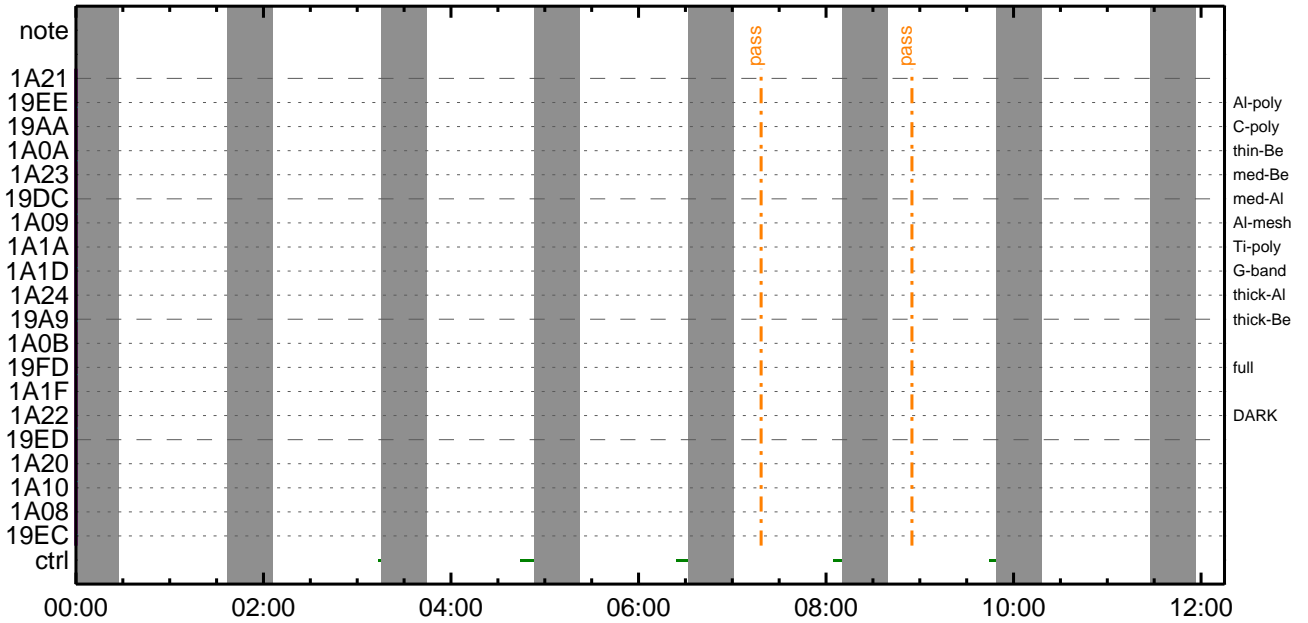
CMDI #0302 2014/05/27



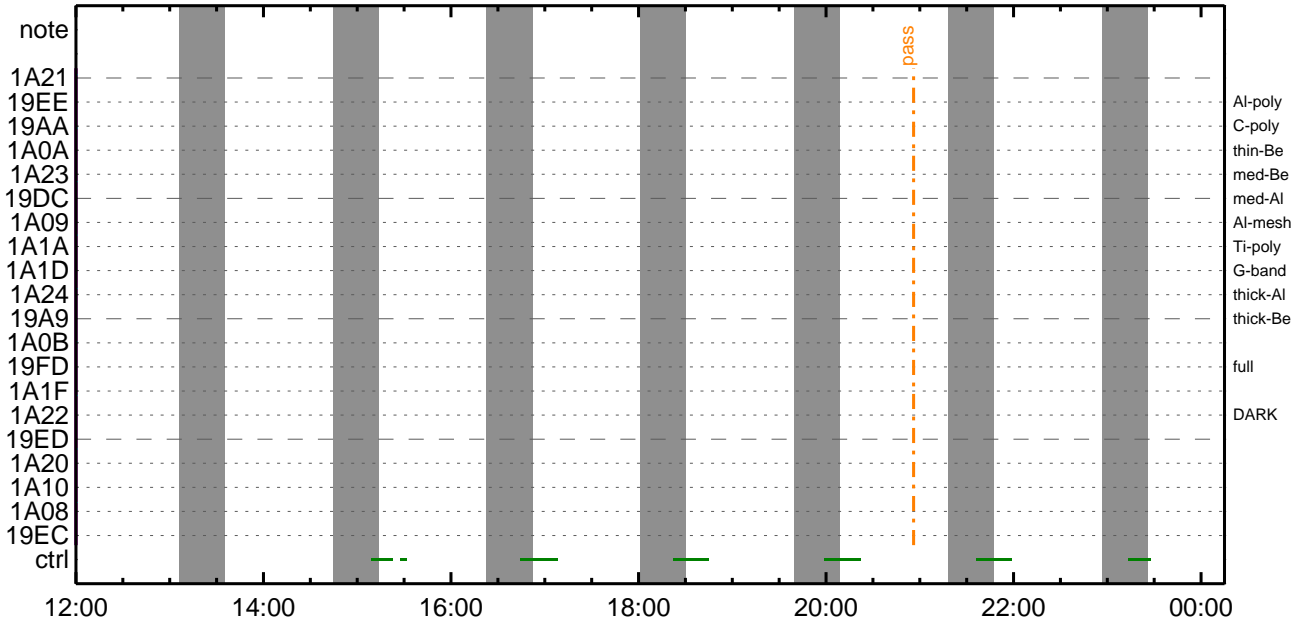
CMDI #0302 2014/05/27



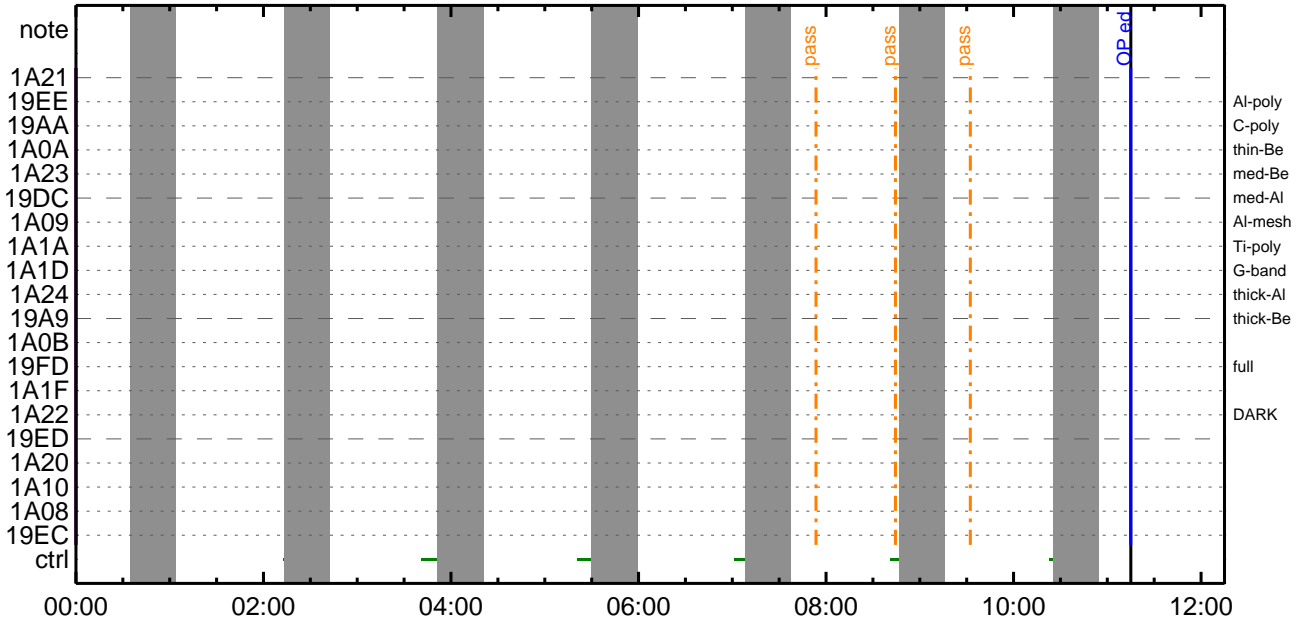
CMDI #0302 2014/05/28



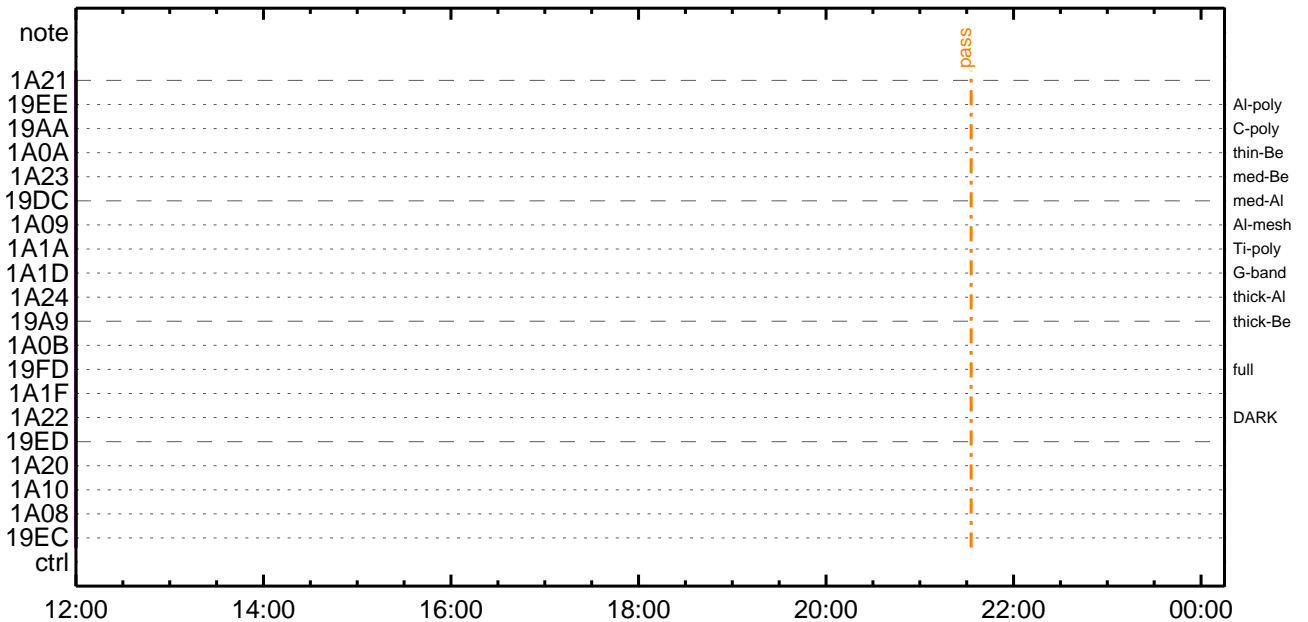
CMDI #0302 2014/05/28



CMDI #0302 2014/05/29



CMDI #0302 2014/05/29




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0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;ã
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-405:OP
0104 ( )
0105 S. OG og-405:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPîî°è¥ÀÝó¥x;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. ¢¢[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. ¢¢[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. ¢¢[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. ¢¢[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. ¢¢[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. ¢¢[HK1_PKT_FORM_NO] EQ 7
0120 C. ¢¢[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. ¢¢[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. ¢¢[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. ¢¢[HK1_DMP_CHK_FLG] EQ EXEC
0124 C. ¥ÀÝó¥x½ªî»ð³îÇ§
0125 C. ¢¢[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG□îî½è¹ç·è²ïOK□ð³îÇ§
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. ¢¢[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. ¢¢[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. ¢¢[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. ¢¢[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. ¢¢[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. ¢¢[HK1_PKT_FORM_NO] EQ 7
0139 C. ¢¢[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. ¢¢[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. ¢¢[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. ¢¢[HK1_DMP_CHK_FLG] EQ EXEC
0143 C. ¥ÀÝó¥x½ªî»ð³îÇ§
0144 C. ¢¢[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG□îî½è¹ç·è²ïOK□ð³îÇ§
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. ¢¢[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. ¢¢[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. ¢¢[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. ¢¢[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. ¢¢[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. ¢¢[HK1_PKT_FORM_NO] EQ 7
0158 C. ¢¢[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. ¢¢[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. ¢¢[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. ¢¢[HK1_DMP_CHK_FLG] EQ EXEC
0162 C. ¥ÀÝó¥x½ªî»ð³îÇ§
0163 C. ¢¢[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG,RAM ID=OP□îî½è¹ç·è²ïOK□ð³îÇ§
0165 C.
0166 C. ***** òê²¼□îî½è¹ç·è²ïOK□ð³îÇ§ *****
0167 C. DHU¥â;4YE;ã;½ªî»ð³îÇ§;¥î;½ªî»ð³îÇ§
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. ¢¢[HK1_PKT_FORM_NO] EQ 2
0171 C. ¢¢[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. ¢¢[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. ¢¢[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 UPLOAD□-Á÷ç;ç°ê²¼□îî½è¹ç·è²ïOK□ð³îÇ§;ç°ê²¼□îî½è¹ç·è²ïOK□ð³îÇ§;ç°ê²¼□îî½è¹ç·è²ïOK□ð³îÇ§;ç°ê²¼□îî½è¹ç·è²ïOK□ð³îÇ§
0180 C.
0181 C.
0182 C. TI¥³¥½¥ó¥èððÀDîç(UT)
0183 +. TI 2014-05-24 11:11:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. ¢¢[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2014-05-24 11:11:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. ¢¢[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2014-05-24 11:11:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. ¢¢[HK1_TI_CMD_NUM] EQ 1COUNTUP

```


(a) Spacecraft Operation Procedure (real-commands)

```
main-406 2014-05-24 15:16:43 135 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÃY$YÃY~¼Ã»Û;ã
0005 C.
0006 C. YÃYB;¼Y³YFÿÖYÉÃ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Āí;Ēꝓ¿ꝓÃꝓ•ꝓ°ꝓ»Í×ÃÇꝓÍYÇYÃY×Yí;¼YÉ;ĒĒ%ꝓ•íĒ;ĒꝓĒ°ÇÕꝓ•ꝓ¿¼l¹ÇꝓÍ;ÇÃ®, ùꝓ¹ꝓĒꝓꝓÇÃ+¿®ꝓ•ꝓĒꝓꝓꝓꝓĒ;Ē
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. ***** AOCS Commands (Tracking Curve Upload) *****
0015 C. Upload the Orbit Element and the Target Attitude
0016 C. RAM-ID:TARGET_ATT
0017 . S. RAM ram-150:TARGET_ATT
0018 ( )
0019 C.
0020 C.
0021 C. Set the dump memory area of TARGET_ATT
0022 +. DC 02-48 AOCU_DUMP_SET
0023 BC (07 00 00 00 18 00)
0024 C.
0025 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0026 C.
0027 C.
0028 C. Change the TLMFormatNo for the AOCS Dump Format
0029 +. DC 01-22 DHU_MODE_CHNG
0030 BC (04 0b f8)
0031 C.
0032 C. Wait for AOCS DUMP to end
0033 C.
0034 . C. Check the dump memory
0035 C.
0036 C. Result = OK [ ]
0037 C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039 BC (02 0a f8)
0040 C.
0041 C. <A_***>[TLM STS] FMT = 2 [ ]
0042 C.
0043 +. DC 02-8E AOCU_ORB_UPD
0044 . C.
0045 C.
0046 C. ***** XRT START *****
0047 C.
0048 +. DC 07-F0 MDP_XRT_CTRL_MANU
0049 BC (c1)
0050 + DC 07-F0 MDP_XRT_MODE_STBY
0051 BC (c3)
0052 . C. ----- Success Verify ? OK / NG_____
0053 C.
0054 C. XRT Obs. Table Upload
0055 . S. RAM ram-291:MDP_OBS_X
0056 ( )
0057 C.
0058 +. DC 07-F0 MDP_DUMP_XRTTBL
0059 BC (84 07 00 00 00 3a d4)
0060 . C. ----- Comparison Check ? OK / ERR _____
0061 C.
0062 C.
0063 +. DC 07-F0 MDP_XRT_ROI_SET
0064 BC (cd 01 b1 b1 04 04)
0065 + DC 07-F0 MDP_XRT_ROI_SET
0066 BC (cd 02 b1 b1 08 08)
0067 + DC 07-F0 MDP_XRT_ROI_SET
0068 BC (cd 03 b1 b1 08 08)
0069 + DC 07-F0 MDP_XRT_ROI_SET
0070 BC (cd 04 b1 b1 06 06)
0071 + DC 07-F0 MDP_XRT_ROI_SET
0072 BC (cd 05 85 83 06 06)
0073 + DC 07-F0 MDP_XRT_ROI_SET
0074 BC (cd 06 80 80 08 08)
0075 + DC 07-F0 MDP_XRT_ROI_SET
0076 BC (cd 07 85 83 06 06)
0077 + DC 07-F0 MDP_XRT_ROI_SET
0078 BC (cd 08 85 83 08 08)
0079 + DC 07-F0 MDP_XRT_ROI_SET
0080 BC (cd 09 80 80 20 20)
0081 + DC 07-F0 MDP_XRT_ROI_SET
0082 BC (cd 0a 80 80 20 08)
0083 + DC 07-F0 MDP_XRT_ROI_SET
0084 BC (cd 0b 80 80 08 20)
0085 + DC 07-F0 MDP_XRT_ROI_SET
0086 BC (cd 0c 80 60 20 18)
0087 + DC 07-F0 MDP_XRT_ROI_SET
0088 BC (cd 0d a0 80 18 20)
0089 + DC 07-F0 MDP_XRT_ROI_SET
0090 BC (cd 0f 80 80 06 06)
0091 + DC 07-F0 MDP_XRT_ROI_SET
0092 BC (cd 10 80 80 08 08)
0093 + DC 07-F0 MDP_XRT_FLD_ENA
0094 BC (d8)
0095 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
```

```
0096 BC (c8)
0097 + DC 07-F0 MDP_XRT_AEC_RESET
0098 BC (d0)
0099 + DC 07-F0 MDP_XRT_ARS_DIS
0100 BC (d5)
0101 + DC 07-F0 MDP_XRT_FLD_RESET
0102 BC (da)
0103 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0104 BC (c4 14)
0105 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0106 BC (c5 01)
0107 . C. ----- Success Verify ? OK / NG ____
0108 C.
0109 C.
0110 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0111 C.
0112 +. DC 07-F0 MDP_XRT_MODE_OBSV
0113 BC (c2)
0114 +. TI 2014-05-24 11:15:02.0
0115 DC 07-F0 MDP_XRT_MODE_OBSV
0116 BC (c2)
0117 . C. ----- Success Verify ? OK / NG ____
0118 C.
0119 C. ***** XRT END *****
0120 C.
0121 . C. ***** MDP `ûÃîñî»ò%ÿñÊÃðñ¹ñèDCBC•x²è *****
0122 C. (%ã°îÿÓÿÃÿÈÿPÿËÿãÿçÿèñ%¼ññ¼Ã»Ûñ¹ñè)
0123 . S. DC-BC dcbc-402:DCBC
0124 (MDP_known_event)
0125 C.
0126 C.
0127 . C. ***** ÿDÿ¹•î Daily±;îÑñÊ´Øñ¹ñèDCBC•x²è *****
0128 . S. DC-BC dcbc-153:DCBC
0129 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0130 C.
0131 C.
0132 . C. ;ãLOSÿÁÿSÿËÿ-¼Ã»Û;ã
0133 C.
0134 . C. ***** LOS *****
0135 C.
```


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*** OP Sequence for XRT ***

2014/05/24	11:25:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/05/24	11:26:00.0	AOCS_OrE-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	02 00 00 00 00		
2014/05/24	11:59:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/05/24	11:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2014/05/24	12:00:16.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2014/05/24	12:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2014/05/24	12:00:20.0	XRT_AEC_RESET_413_OG [0x19d]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2014/05/24	12:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2014/05/24	12:00:24.0	XRT_FLD_RESET_431_OG [0x1af]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2014/05/24	12:02:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08		
2014/05/24	12:02:58.0	XRT_FL_PROG_SET_448_OG [0x1c0]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 01		
2014/05/24	12:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2014/05/24	12:18:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/05/24	12:18:32.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2014/05/24	12:18:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2014/05/24	12:21:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2014/05/24	12:47:00.0	XRT_Custom_430_OG [0x1ae]					
2014/05/24	12:48:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2014/05/24	13:57:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/05/24	13:57:02.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2014/05/24	13:57:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2014/05/24	14:00:00.0	AOCS_OrE-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	04 00 00 00 00		
2014/05/24	14:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2014/05/24	14:00:30.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/05/24	14:00:32.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2014/05/24	14:00:52.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2014/05/24	14:00:54.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2014/05/24	14:00:56.0	XRT_AEC_RESET_413_OG [0x19d]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2014/05/24	14:00:58.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2014/05/24	14:01:00.0	XRT_FLD_RESET_437_OG [0x1b5]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2014/05/24	14:44:02.0	XRT_QT_PROG_SET_417_OG [0x1a1]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05		
2014/05/24	14:44:04.0	XRT_FL_PROG_SET_448_OG [0x1c0]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 01		
2014/05/24	14:44:06.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2014/05/24	15:35:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/05/24	15:35:32.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2014/05/24	15:35:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2014/05/24	15:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2014/05/24	16:22:00.0	XRT_Custom_430_OG [0x1ae]					
2014/05/24	16:23:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2014/05/24	17:14:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/05/24	17:14:02.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2014/05/24	17:14:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2014/05/24	17:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2014/05/24	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/05/24	17:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2014/05/24	18:00:00.0	AOCS_OrE-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2014/05/24	18:00:16.0	XRT_FLD_DIS_434_OG [0x1b2]					

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2014/05/24	18:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2014/05/24	18:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2014/05/24	18:02:58.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2014/05/24	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/05/24	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/05/24	18:09:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2014/05/24	18:10:00.0	AOCS_OrE-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	01 00 00 00 00
2014/05/24	18:10:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2014/05/24	18:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2014/05/24	18:10:20.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0
2014/05/24	18:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2014/05/24	18:10:24.0	XRT_FLD_RESET_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da
2014/05/24	18:12:56.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2014/05/24	18:12:58.0	XRT_FL_PROG_SET_448_OG [0x1c0]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 01
2014/05/24	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/05/24	18:52:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/05/24	18:52:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2014/05/24	18:52:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/05/24	18:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/05/24	19:35:00.0	XRT_Custom_430_OG [0x1ae]	XRT_Custom_430_OG [0x1ae]			
2014/05/24	19:36:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/05/24	20:30:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/05/24	20:30:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2014/05/24	20:30:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/05/24	20:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/05/24	21:12:30.0	XRT_Custom_430_OG [0x1ae]	XRT_Custom_430_OG [0x1ae]			
2014/05/24	21:13:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/05/24	22:09:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/05/24	22:09:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2014/05/24	22:09:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/05/24	22:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/05/24	22:47:30.0	XRT_Custom_430_OG [0x1ae]	XRT_Custom_430_OG [0x1ae]			
2014/05/24	22:48:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/05/24	23:47:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/05/24	23:47:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2014/05/24	23:47:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/05/24	23:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/05/25	00:16:00.0	XRT_Custom_430_OG [0x1ae]	XRT_Custom_430_OG [0x1ae]			
2014/05/25	00:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/05/25	01:26:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/05/25	01:26:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2014/05/25	01:26:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/05/25	01:29:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/05/25	01:54:30.0	XRT_Custom_430_OG [0x1ae]	XRT_Custom_430_OG [0x1ae]			
2014/05/25	01:55:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/05/25	03:02:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/05/25	03:02:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2014/05/25	03:02:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/05/25	03:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9

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2014/05/25	03:33:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2014/05/25	03:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2014/05/25	04:32:30.0	XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/05/25	04:32:32.0	XRT_FLD_RESET_415_OG [0x19f]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2014/05/25	04:32:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]						
			MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2014/05/25	04:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2014/05/25	05:44:54.0	XRT_CTRL_MANU_402_OG [0x192]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/05/25	05:44:56.0	XRT_FOCUS_POSITION_403_OG [0x193]						
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2014/05/25	05:45:00.0	AOCS_ORe-point_Start_3_OG [0x099]						
			AOCU_NM	5	02-76	00 00 00 00 00		
2014/05/25	05:45:16.0	XRT_FLD_DIS_434_OG [0x1b2]						
			MDP_XRT_FLD_DIS	1	07-F0	d9		
2014/05/25	05:47:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]						
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2014/05/25	05:47:56.0	XRT_ARS_DIS_423_OG [0x1a7]						
			MDP_XRT_ARS_DIS	1	07-F0	d5		
2014/05/25	05:47:58.0	XRT_QT_PROG_SET_422_OG [0x1a6]						
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 03		
2014/05/25	05:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2014/05/25	05:54:54.0	XRT_CTRL_MANU_402_OG [0x192]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/05/25	05:54:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]						
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2014/05/25	05:55:00.0	AOCS_ORe-point_Start_4_OG [0x09a]						
			AOCU_NM	5	02-76	01 00 00 00 00		
2014/05/25	05:55:16.0	XRT_FLD_ENA_411_OG [0x19b]						
			MDP_XRT_FLD_ENA	1	07-F0	d8		
2014/05/25	05:55:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2014/05/25	05:55:20.0	XRT_AEC_RESET_413_OG [0x19d]						
			MDP_XRT_AEC_RESET	1	07-F0	d0		
2014/05/25	05:55:22.0	XRT_ARS_DIS_423_OG [0x1a7]						
			MDP_XRT_ARS_DIS	1	07-F0	d5		
2014/05/25	05:55:24.0	XRT_FLD_RESET_431_OG [0x1af]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2014/05/25	05:57:56.0	XRT_QT_PROG_SET_417_OG [0x1a1]						
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 05		
2014/05/25	05:57:58.0	XRT_FL_PROG_SET_448_OG [0x1c0]						
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 01		
2014/05/25	05:58:00.5	XRT_CTRL_AUTO_408_OG [0x198]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2014/05/25	06:13:00.0	XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/05/25	06:13:02.0	XRT_FLD_RESET_415_OG [0x19f]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2014/05/25	06:13:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]						
			MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2014/05/25	06:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2014/05/25	06:50:00.0	XRT_Custom_430_OG [0x1ae]						
2014/05/25	06:51:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2014/05/25	07:53:00.0	XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/05/25	07:53:02.0	XRT_FLD_RESET_415_OG [0x19f]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2014/05/25	07:53:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]						
			MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2014/05/25	07:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2014/05/25	08:28:30.0	XRT_Custom_430_OG [0x1ae]						
2014/05/25	08:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2014/05/25	09:33:30.0	XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/05/25	09:33:32.0	XRT_FLD_RESET_415_OG [0x19f]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2014/05/25	09:33:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]						
			MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2014/05/25	09:36:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2014/05/25	10:07:00.0	XRT_Custom_430_OG [0x1ae]						
2014/05/25	10:08:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2014/05/25	11:16:30.0	XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/05/25	11:16:32.0	XRT_FLD_RESET_415_OG [0x19f]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2014/05/25	11:16:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]						
			MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2014/05/25	11:19:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2014/05/25	11:59:54.0	XRT_CTRL_MANU_402_OG [0x192]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		

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2014/05/25	11:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2014/05/25	12:00:00.0	AOCs_OrE-point_Start_1_OG [0x097] AOCU_NM	5	02-76	02	00	00	00
2014/05/25	12:00:16.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8			
2014/05/25	12:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2014/05/25	12:00:20.0	XRT_AEC_RESET_413_OG [0x19d] MDP_XRT_AEC_RESET	1	07-F0	d0			
2014/05/25	12:00:22.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5			
2014/05/25	12:00:24.0	XRT_FLD_RESET_431_OG [0x1af] MDP_XRT_FLD_RESET	1	07-F0	da			
2014/05/25	12:02:56.0	XRT_QT_PROG_SET_444_OG [0x1bc] MDP_XRT_QT_PROG_SET	2	07-F0	c4	08		
2014/05/25	12:02:58.0	XRT_FL_PROG_SET_448_OG [0x1c0] MDP_XRT_FL_PROG_SET	2	07-F0	c5	01		
2014/05/25	12:03:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2014/05/25	12:55:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/05/25	12:55:02.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da			
2014/05/25	12:55:04.0	XRT_PREFLR_STRT_418_OG [0x1a2] MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2014/05/25	12:58:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2014/05/25	13:23:30.0	XRT_Custom_430_OG [0x1ae]						
2014/05/25	13:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2014/05/25	14:29:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/05/25	14:29:56.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2014/05/25	14:30:00.0	AOCs_OrE-point_Start_5_OG [0x09b] AOCU_NM	5	02-76	00	14	7a	51
2014/05/25	14:30:16.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8			
2014/05/25	14:30:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2014/05/25	14:30:20.0	XRT_AEC_RESET_413_OG [0x19d] MDP_XRT_AEC_RESET	1	07-F0	d0			
2014/05/25	14:30:22.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5			
2014/05/25	14:30:24.0	XRT_FLD_RESET_401_OG [0x191] MDP_XRT_FLD_RESET	1	07-F0	da			
2014/05/25	15:20:56.0	XRT_QT_PROG_SET_417_OG [0x1a1] MDP_XRT_QT_PROG_SET	2	07-F0	c4	05		
2014/05/25	15:20:58.0	XRT_FL_PROG_SET_448_OG [0x1c0] MDP_XRT_FL_PROG_SET	2	07-F0	c5	01		
2014/05/25	15:21:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2014/05/25	16:12:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/05/25	16:12:02.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da			
2014/05/25	16:12:04.0	XRT_PREFLR_STRT_418_OG [0x1a2] MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2014/05/25	16:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2014/05/25	16:57:30.0	XRT_Custom_430_OG [0x1ae]						
2014/05/25	16:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2014/05/25	17:36:24.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/05/25	17:36:26.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2014/05/25	17:36:30.0	AOCs_OrE-point_Start_3_OG [0x099] AOCU_NM	5	02-76	00	00	00	00
2014/05/25	17:36:46.0	XRT_FLD_DIS_434_OG [0x1b2] MDP_XRT_FLD_DIS	1	07-F0	d9			
2014/05/25	17:39:24.0	XRT_FLRCTRL_DIS_405_OG [0x195] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2014/05/25	17:39:26.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5			
2014/05/25	17:39:28.0	XRT_QT_PROG_SET_422_OG [0x1a6] MDP_XRT_QT_PROG_SET	2	07-F0	c4	03		
2014/05/25	17:39:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2014/05/25	17:46:24.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/05/25	17:46:26.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2014/05/25	17:46:30.0	AOCs_OrE-point_Start_4_OG [0x09a] AOCU_NM	5	02-76	01	00	00	00
2014/05/25	17:46:46.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8			
2014/05/25	17:46:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2014/05/25	17:46:50.0	XRT_AEC_RESET_413_OG [0x19d] MDP_XRT_AEC_RESET	1	07-F0	d0			
2014/05/25	17:46:52.0	XRT_ARS_DIS_423_OG [0x1a7]						

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2014/05/25	17:46:54.0	XRT_FLD_RESET_440_OG [0x1b8]	MDP_XRT_ARS_DIS	1	07-F0	d5
			MDP_XRT_FLD_RESET	1	07-F0	da
2014/05/25	18:34:26.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2014/05/25	18:34:28.0	XRT_FL_PROG_SET_448_OG [0x1c0]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 01
2014/05/25	18:34:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/05/25	19:28:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/05/25	19:28:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2014/05/25	19:28:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/05/25	19:31:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/05/25	20:11:30.0	XRT_Custom_430_OG [0x1ae]				
2014/05/25	20:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/05/25	21:07:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/05/25	21:07:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2014/05/25	21:07:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/05/25	21:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/05/25	21:48:00.0	XRT_Custom_430_OG [0x1ae]				
2014/05/25	21:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/05/25	22:45:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/05/25	22:45:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2014/05/25	22:45:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/05/25	22:48:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/05/25	23:19:30.5	XRT_Custom_430_OG [0x1ae]				
2014/05/25	23:20:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/05/26	00:24:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/05/26	00:24:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2014/05/26	00:24:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/05/26	00:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/05/26	00:52:30.0	XRT_Custom_430_OG [0x1ae]				
2014/05/26	00:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/05/26	02:02:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/05/26	02:02:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2014/05/26	02:02:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/05/26	02:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/05/26	02:31:00.0	XRT_Custom_430_OG [0x1ae]				
2014/05/26	02:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/05/26	03:32:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/05/26	03:32:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2014/05/26	03:32:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/05/26	03:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/05/26	04:09:30.0	XRT_Custom_430_OG [0x1ae]				
2014/05/26	04:10:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/05/26	05:10:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/05/26	05:10:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2014/05/26	05:10:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/05/26	05:13:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/05/26	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/05/26	05:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2014/05/26	06:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00
2014/05/26	06:00:16.0	XRT_FLD_DIS_434_OG [0x1b2]	MDP_XRT_FLD_DIS	1	07-F0	d9
2014/05/26	06:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9

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2014/05/26	06:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2014/05/26	06:02:58.0	XRT_QT_PROG_SET_422_OG [0x1a6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2014/05/26	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/05/26	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/05/26	06:09:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2014/05/26	06:10:00.0	AOCS_OrE-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	01	00	00	00	00
2014/05/26	06:10:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2014/05/26	06:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2014/05/26	06:10:20.0	XRT_AEC_RESET_413_OG [0x19d]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2014/05/26	06:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2014/05/26	06:10:24.0	XRT_FLD_RESET_431_OG [0x1af]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/05/26	06:12:56.0	XRT_QT_PROG_SET_417_OG [0x1a1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	05			
2014/05/26	06:12:58.0	XRT_FL_PROG_SET_448_OG [0x1c0]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	01			
2014/05/26	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/05/26	06:50:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/05/26	06:50:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/05/26	06:50:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2014/05/26	06:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/05/26	07:26:30.0	XRT_Custom_430_OG [0x1ae]							
2014/05/26	07:27:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/05/26	07:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/05/26	07:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2014/05/26	08:00:00.0	AOCS_OrE-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00	33	64	bf	4c
2014/05/26	08:00:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2014/05/26	08:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2014/05/26	08:00:20.0	XRT_AEC_RESET_413_OG [0x19d]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2014/05/26	08:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2014/05/26	08:00:24.0	XRT_FLD_RESET_431_OG [0x1af]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/05/26	08:02:56.0	XRT_QT_PROG_SET_438_OG [0x1b6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	14			
2014/05/26	08:02:58.0	XRT_FL_PROG_SET_448_OG [0x1c0]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	01			
2014/05/26	08:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/05/26	08:30:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/05/26	08:30:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/05/26	08:30:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2014/05/26	08:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/05/26	09:05:00.0	XRT_Custom_430_OG [0x1ae]							
2014/05/26	09:06:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/05/26	10:11:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/05/26	10:11:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/05/26	10:11:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2014/05/26	10:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/05/26	10:43:30.0	XRT_Custom_430_OG [0x1ae]							
2014/05/26	10:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/05/26	11:53:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/05/26	11:53:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/05/26	11:53:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2014/05/26	11:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/05/26	11:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				

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2014/05/26	11:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2014/05/26	12:00:00.0	AOCs_OrE-point_Start_7_OG [0x09d] AOCU_NM	5	02-76	00	fd	40	ad 9a
2014/05/26	12:00:16.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0		d8		
2014/05/26	12:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8		
2014/05/26	12:00:20.0	XRT_AEC_RESET_413_OG [0x19d] MDP_XRT_AEC_RESET	1	07-F0		d0		
2014/05/26	12:00:22.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5		
2014/05/26	12:00:24.0	XRT_FLD_RESET_404_OG [0x194] MDP_XRT_FLD_RESET	1	07-F0		da		
2014/05/26	12:21:56.0	XRT_QT_PROG_SET_417_OG [0x1a1] MDP_XRT_QT_PROG_SET	2	07-F0	c4	05		
2014/05/26	12:21:58.0	XRT_FL_PROG_SET_448_OG [0x1c0] MDP_XRT_FL_PROG_SET	2	07-F0	c5	01		
2014/05/26	12:22:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2014/05/26	13:31:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2014/05/26	13:31:32.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0		da		
2014/05/26	13:31:34.0	XRT_PREFLR_STRT_418_OG [0x1a2] MDP_XRT_PREFLR_STRT	1	07-F0		e8		
2014/05/26	13:34:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0		e9		
2014/05/26	13:59:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2014/05/26	13:59:56.0	XRT_FOCUS_POSITION_449_OG [0x1c1] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2014/05/26	14:00:00.0	AOCs_OrE-point_Start_8_OG [0x09e] AOCU_NM	5	02-76	00	ad	59	00 00
2014/05/26	14:00:16.0	XRT_FLD_DIS_446_OG [0x1be] MDP_XRT_FLD_DIS	1	07-F0		d9		
2014/05/26	14:00:18.0	XRT_FLRCTRL_DIS_432_OG [0x1b0] MDP_XRT_FLRCTRL_DIS	1	07-F0		c9		
2014/05/26	14:00:20.0	XRT_ARS_DIS_443_OG [0x1bb] MDP_XRT_ARS_DIS	1	07-F0		d5		
2014/05/26	14:00:22.0	XRT_QT_PROG_SET_409_OG [0x199] MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a		
2014/05/26	14:15:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2014/05/26	15:59:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2014/05/26	15:59:56.0	XRT_FOCUS_POSITION_449_OG [0x1c1] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2014/05/26	16:00:00.0	AOCs_OrE-point_Start_9_OG [0x09f] AOCU_NM	5	02-76	00	00	00	54 00
2014/05/26	16:00:16.0	XRT_FLD_DIS_446_OG [0x1be] MDP_XRT_FLD_DIS	1	07-F0		d9		
2014/05/26	16:00:18.0	XRT_FLRCTRL_DIS_432_OG [0x1b0] MDP_XRT_FLRCTRL_DIS	1	07-F0		c9		
2014/05/26	16:00:20.0	XRT_ARS_DIS_443_OG [0x1bb] MDP_XRT_ARS_DIS	1	07-F0		d5		
2014/05/26	16:00:22.0	XRT_QT_PROG_SET_445_OG [0x1bd] MDP_XRT_QT_PROG_SET	2	07-F0	c4	12		
2014/05/26	16:15:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2014/05/26	18:04:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2014/05/26	18:04:56.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2014/05/26	18:05:00.0	AOCs_OrE-point_Start_3_OG [0x099] AOCU_NM	5	02-76	00	00	00	00 00
2014/05/26	18:05:16.0	XRT_FLD_DIS_434_OG [0x1b2] MDP_XRT_FLD_DIS	1	07-F0		d9		
2014/05/26	18:07:54.0	XRT_FLRCTRL_DIS_405_OG [0x195] MDP_XRT_FLRCTRL_DIS	1	07-F0		c9		
2014/05/26	18:07:56.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5		
2014/05/26	18:07:58.0	XRT_QT_PROG_SET_422_OG [0x1a6] MDP_XRT_QT_PROG_SET	2	07-F0	c4	03		
2014/05/26	18:08:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2014/05/26	18:14:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2014/05/26	18:14:56.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2014/05/26	18:15:00.0	AOCs_OrE-point_Start_4_OG [0x09a] AOCU_NM	5	02-76	01	00	00	00 00
2014/05/26	18:15:16.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0		d8		
2014/05/26	18:15:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8		
2014/05/26	18:15:20.0	XRT_AEC_RESET_413_OG [0x19d] MDP_XRT_AEC_RESET	1	07-F0		d0		
2014/05/26	18:15:22.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5		
2014/05/26	18:15:24.0	XRT_FLD_RESET_428_OG [0x1ac] MDP_XRT_FLD_RESET	1	07-F0		da		
2014/05/26	19:09:56.0	XRT_QT_PROG_SET_417_OG [0x1a1]						

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2014/05/26	19:09:58.0	XRT_FL_PROG_SET_448_OG [0x1c0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	01
2014/05/26	19:10:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/05/26	20:05:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/05/26	20:05:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2014/05/26	20:05:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2014/05/26	20:08:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2014/05/26	20:47:30.0	XRT_Custom_430_OG [0x1ae]					
2014/05/26	20:48:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/05/26	21:43:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/05/26	21:43:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2014/05/26	21:43:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2014/05/26	21:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2014/05/26	22:23:30.0	XRT_Custom_430_OG [0x1ae]					
2014/05/26	22:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/05/26	23:22:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/05/26	23:22:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2014/05/26	23:22:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2014/05/26	23:25:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2014/05/26	23:51:00.0	XRT_Custom_430_OG [0x1ae]					
2014/05/26	23:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/05/27	01:00:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/05/27	01:00:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2014/05/27	01:00:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2014/05/27	01:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2014/05/27	01:29:30.0	XRT_Custom_430_OG [0x1ae]					
2014/05/27	01:30:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/05/27	02:37:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/05/27	02:37:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2014/05/27	02:37:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2014/05/27	02:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2014/05/27	03:07:30.0	XRT_Custom_430_OG [0x1ae]					
2014/05/27	03:08:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/05/27	04:06:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/05/27	04:06:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2014/05/27	04:06:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2014/05/27	04:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2014/05/27	04:46:00.0	XRT_Custom_430_OG [0x1ae]					
2014/05/27	04:47:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/05/27	05:47:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/05/27	05:47:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2014/05/27	05:47:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2014/05/27	05:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2014/05/27	06:29:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/05/27	06:29:26.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2014/05/27	06:29:30.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	00 00 00 00
2014/05/27	06:29:46.0	XRT_FLD_DIS_434_OG [0x1b2]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2014/05/27	06:32:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2014/05/27	06:32:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2014/05/27	06:32:28.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03

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2014/05/27	06:32:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/05/27	06:39:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/05/27	06:39:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2014/05/27	06:39:30.0	AOCS_ORe-point_Start_6_OG [0x09c]			
		AOCU_NM	5	02-76	00 33 64 bf 4c
2014/05/27	06:39:46.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2014/05/27	06:39:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2014/05/27	06:39:50.0	XRT_AEC_RESET_413_OG [0x19d]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2014/05/27	06:39:52.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2014/05/27	06:39:54.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2014/05/27	06:59:56.0	XRT_QT_PROG_SET_438_OG [0x1b6]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14
2014/05/27	06:59:58.0	XRT_FL_PROG_SET_448_OG [0x1c0]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 01
2014/05/27	07:00:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/05/27	07:27:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/05/27	07:27:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2014/05/27	07:27:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/05/27	07:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/05/27	08:03:00.5	XRT_Custom_430_OG [0x1ae]			
2014/05/27	08:04:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/05/27	09:07:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/05/27	09:07:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2014/05/27	09:07:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/05/27	09:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/05/27	10:14:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/05/27	10:15:00.5	AOCS_ORe-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	00 00 00 00 00