

XRT Timeline to be uploaded on 2011/03/23

Period: 2011/03/23 22:41:00 - 2011/04/01 23:35:00

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Normal mode

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XOB #186D: AR dynamics 3 min cadence long exp (512FOV) short exp (384FOV) Thin-Be Ti-poly													
Term	Pointing (x, y)		Comment										
03/23 22:54:00 - 03/24 05:41:24	Track (-816.2, -219.0) [Ⓜ] 03/23 22:51:00		# OP start + 10min | Track SE AR										
PROG= 06 Inf.-time(s)													
└─ Subr= 2 1-time(s) 2.0sec													
└─ Seqn= 48 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	512x512 (1064, 1048)	Q=90	0	0	2.0sec
└─ Subr= 1 15-time(s) 180.0sec													
└─ Seqn= 95 1-time(s) 2.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=90	3	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	2.00s	Obs	1x1	512x512 (1064, 1048)	Q=90	2	0	2.0sec
└─ Seqn= 31 1-time(s) 2.0sec													
	thin-Be/Open	med-Be/Open	close	Safe	Norm	12ms	Obs	1x1	384x384 (1064, 1048)	Q=90	3	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	16ms	Obs	1x1	512x512 (1064, 1048)	Q=90	2	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	1	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	12ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	1	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	2	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	12ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	2	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	3	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	12ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	3	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #185C: Synoptic Q95 2x2 - Al/mesh(16/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(33/2048) + Thin-Be*36													
Term	Pointing (x, y)		Comment										
03/24 05:44:30 - 03/24 05:51:24	Fixed (0.0, 0.0)		synoptic, shifted -18.5 min										
03/24 17:47:30 - 03/24 17:54:24	Fixed (0.0, 0.0)		synoptic, shifted -15.5 min										
03/25 06:03:00 - 03/25 06:09:54	Fixed (0.0, 0.0)		synoptic										
03/25 18:05:30 - 03/25 18:12:24	Fixed (0.0, 0.0)		synoptic, shifted 2.5 min										
03/26 06:24:00 - 03/26 06:30:54	Fixed (0.0, 0.0)		synoptic, shifted 21.0 min										
03/26 18:11:00 - 03/26 18:17:54	Fixed (0.0, 0.0)		synoptic, shifted 8.0 min										
03/27 05:58:00 - 03/27 06:04:54	Fixed (0.0, 0.0)		synoptic, shifted -5.0 min										
03/27 18:00:30 - 03/27 18:07:24	Fixed (0.0, 0.0)		synoptic, shifted -2.5 min										
03/28 06:03:00 - 03/28 06:09:54	Fixed (0.0, 0.0)		synoptic										
03/28 18:03:00 - 03/28 18:09:54	Fixed (0.0, 0.0)		synoptic										
03/29 05:34:00 - 03/29 05:40:54	Fixed (0.0, 0.0)		synoptic, shifted -29.0 min										
03/29 18:23:30 - 03/29 18:30:24	Fixed (0.0, 0.0)		synoptic, shifted 20.5 min										
PROG= 13 1-time(s)													
└─ Subr= 1 1-time(s) 12.0sec													
└─ Seqn= 7 1-time(s) 4.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ 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= 8 1-time(s) 4.0sec													
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	32ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 32 1-time(s) 2.0sec													
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	354ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 4 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	16ms	Obs	2x2	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 #186E: AR dynamics 5 min cadence long exp (512FOV) short exp (384FOV) Thin-Be Ti-poly												
Term	Pointing (x, y)		Comment									
03/24 06:36:00 - 03/24 10:59:54	Track (-785.4, -212.6) [Ⓜ] 03/24 05:51:30		# Track SE AR									
03/24 18:32:30 - 03/25 05:59:54	Track (-724.2, -202.4) [Ⓜ] 03/24 17:54:30		# Track SE AR									
03/25 06:13:00 - 03/25 10:59:54	Track (-652.0, -192.9) [Ⓜ] 03/25 06:10:00		# Track SE AR									
03/25 18:15:30 - 03/26 06:20:54	Track (-572.3, -184.8) [Ⓜ] 03/25 18:12:30		# Track SE AR									
03/26 06:34:00 - 03/26 10:47:30	Track (-482.9, -177.7) [Ⓜ] 03/26 06:31:00		# Track SE AR									
03/26 18:21:00 - 03/27 05:54:54	Track (-391.0, -172.1) [Ⓜ] 03/26 18:18:00		# Track SE AR									
03/27 06:49:00 - 03/27 17:57:24	Track (-294.2, -167.9) [Ⓜ] 03/27 06:05:00		# Track SE AR									
03/27 18:45:30 - 03/28 05:20:30	Track (-191.3, -164.9) [Ⓜ] 03/27 18:07:30		# Track SE AR									
03/28 06:13:00 - 03/28 17:20:30	Track (-85.8, -163.4) [Ⓜ] 03/28 06:10:00		# Track SE AR									
03/28 18:13:00 - 03/29 05:30:54	Track (20.3, -163.3) [Ⓜ] 03/28 18:10:00		# Track SE AR									
03/29 06:25:30 - 03/29 17:57:00	Track (122.0, -164.6) [Ⓜ] 03/29 05:41:00		# Track SE AR									
PROG= 03 Inf.-time(s)												
└─ Subr= 2 1-time(s) 2.0sec												

Seqn= 48	1-time(s)	2.0sec																		
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	512x512 (1064, 1048)	Q=90	0	0	2.0sec								
Subr= 1	8-time(s)	300.0sec																		
Seqn= 95	1-time(s)	2.0sec																		
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=90	3	0	2.0sec								
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	2.00s	Obs	1x1	512x512 (1064, 1048)	Q=90	2	0	2.0sec								
Seqn= 31	1-time(s)	2.0sec																		
thin-Be/Open	med-Be/Open	close	Safe	Norm	12ms	Obs	1x1	384x384 (1064, 1048)	Q=90	3	0	2.0sec								
thin-Be/Open	med-Be/Open	close	Safe	Norm	16ms	Obs	1x1	512x512 (1064, 1048)	Q=90	2	0	2.0sec								
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	1	2.0sec								
thin-Be/Open	med-Be/Open	close	Safe	Norm	12ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	1	2.0sec								
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	2	2.0sec								
thin-Be/Open	med-Be/Open	close	Safe	Norm	12ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	2	2.0sec								
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	3	2.0sec								
thin-Be/Open	med-Be/Open	close	Safe	Norm	12ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	3	2.0sec								
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval									

XOB #186C: HOP81 FW1=Al/poly - 8s - AR Present - G-band - 384x384 - 45s cadence																				
Term	Pointing (x, y)		Comment																	
03/24 11:03:00 - 03/24 17:44:24	Fixed (	0.0, -945.0)	HOP81 Day-1																	
03/25 11:03:00 - 03/25 18:02:24	Fixed (	0.0, 945.0)	HOP81 Day-2																	
03/26 11:03:00 - 03/26 17:44:00	Fixed (	0.0, -945.0)	HOP81 Day-3																	
PROG= 01 Inf.-time(s)																				
Subr= 1	1-time(s)	2.0sec																		
Seqn= 24	1-time(s)	2.0sec																		
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec								
Subr= 2	1-time(s)	2.0sec																		
Seqn= 80	40-time(s)	45.0sec																		
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	8.00s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec								
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval									

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Flare mode

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XOB #1869: Flare standard obs. multifilter (thin-Be,med-Al,thick-Be 384x384 - Al-poly 512x512 2x2)																				
Term	Pointing (x, y)		Comment																	
03/23 22:54:00 - 03/24 05:41:24	Track (	-816.2, -219.0)	# OP start + 10min | Track SE AR																
03/24 06:36:00 - 03/24 10:59:54	Track (	-785.4, -212.6)	# Track SE AR																
03/24 11:03:00 - 03/24 17:44:24	Fixed (	0.0, -945.0)	HOP81 Day-1																
03/24 18:32:30 - 03/25 05:59:54	Track (	-724.2, -202.4)	# Track SE AR																
03/25 06:13:00 - 03/25 10:59:54	Track (	-652.0, -192.9)	# Track SE AR																
03/25 11:03:00 - 03/25 18:02:24	Fixed (	0.0, 945.0)	HOP81 Day-2																
03/25 18:15:30 - 03/26 06:20:54	Track (	-572.3, -184.8)	# Track SE AR																
03/26 06:34:00 - 03/26 10:47:30	Track (	-482.9, -177.7)	# Track SE AR																
03/26 11:03:00 - 03/26 17:44:00	Fixed (	0.0, -945.0)	HOP81 Day-3																
03/26 18:21:00 - 03/27 05:54:54	Track (	-391.0, -172.1)	# Track SE AR																
03/27 06:49:00 - 03/27 17:57:24	Track (	-294.2, -167.9)	# Track SE AR																
03/27 18:45:30 - 03/28 05:20:30	Track (	-191.3, -164.9)	# Track SE AR																
03/28 06:13:00 - 03/28 17:20:30	Track (	-85.8, -163.4)	# Track SE AR																
03/28 18:13:00 - 03/29 05:30:54	Track (	20.3, -163.3)	# Track SE AR																
03/29 06:25:30 - 03/29 17:57:00	Track (	122.0, -164.6)	# Track SE AR																
PROG= 15 1-time(s)																				
Subr= 1	4-time(s)	2.0sec																		
Seqn= 55	45-time(s)	20.0sec																		
thin-Be/Open	med-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	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								
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec								
Seqn= 90	1-time(s)	2.0sec																		
Open/G-band	Open/G-band	open	Safe	Norm	63ms	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								
Subr= 2	1-time(s)	600.0sec																		
Seqn= 89	1-time(s)	2.0sec																		
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec								
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec								
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec								
Open/Al-mesh	Open/Al-mesh	close	Safe	Dark	1.00s	Obs	1x1	384x384 (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

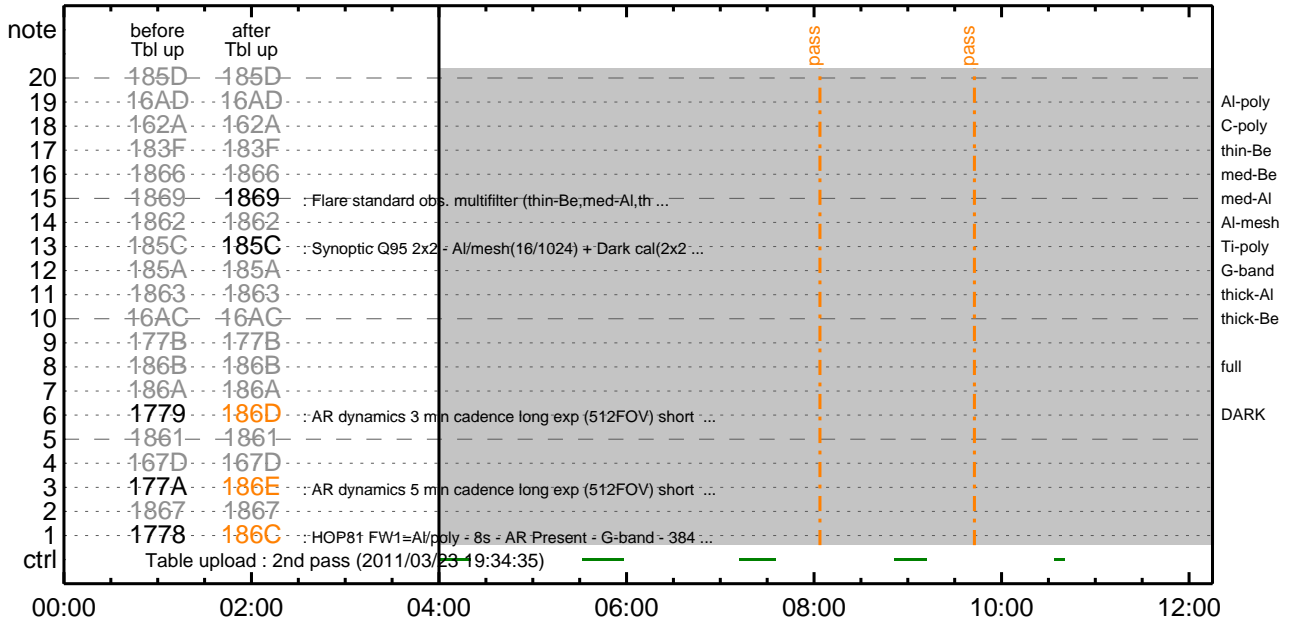
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FLD Patrol											
Term	Pointing (x, y)		Comment								

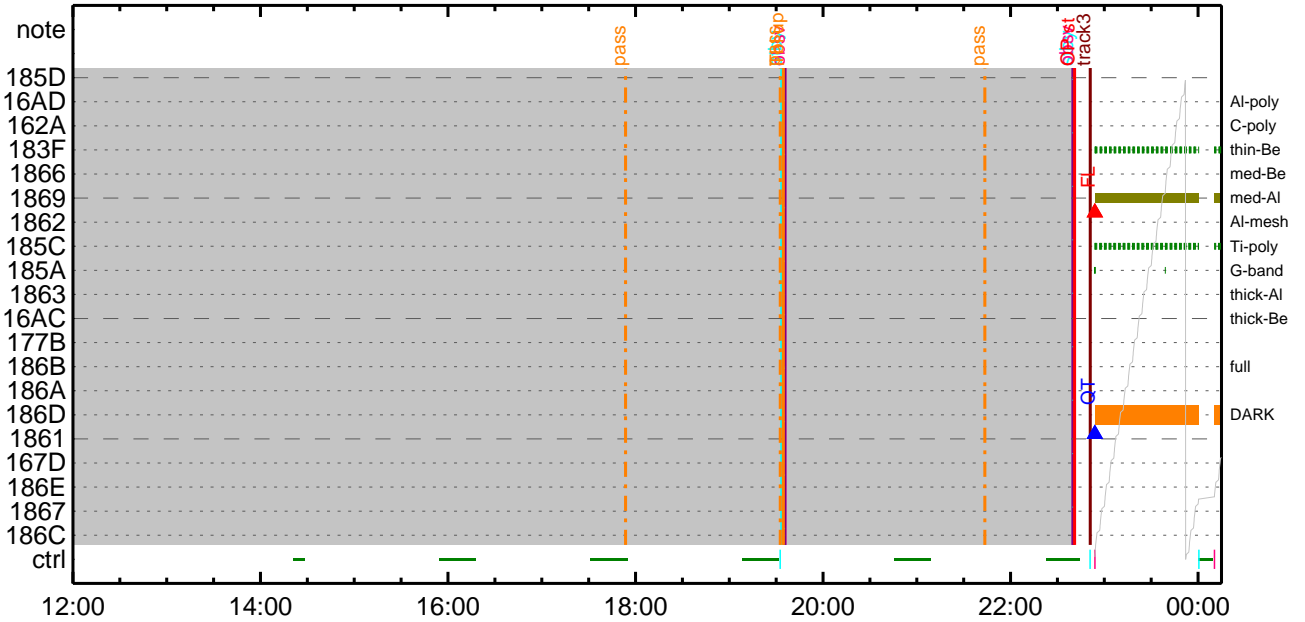
03/23 22:51:16 - 03/24 05:41:46 Track (-816.2, -219.0) @ 03/23 22:51:00 # OP start + 10min | Track SE AR
 03/24 05:51:46 - 03/24 17:44:46 Track (-785.4, -212.6) @ 03/24 05:51:30 # Track SE AR
 03/24 17:54:46 - 03/25 06:00:16 Track (-724.2, -202.4) @ 03/24 17:54:30 # Track SE AR
 03/25 06:10:16 - 03/25 18:02:46 Track (-652.0, -192.9) @ 03/25 06:10:00 # Track SE AR
 03/25 18:12:46 - 03/26 06:21:16 Track (-572.3, -184.8) @ 03/25 18:12:30 # Track SE AR
 03/26 06:31:16 - 03/26 18:08:16 Track (-482.9, -177.7) @ 03/26 06:31:00 # Track SE AR
 03/26 18:18:16 - 03/27 05:55:16 Track (-391.0, -172.1) @ 03/26 18:18:00 # Track SE AR
 03/27 06:05:16 - 03/27 17:57:46 Track (-294.2, -167.9) @ 03/27 06:05:00 # Track SE AR
 03/27 18:07:46 - 03/28 06:00:16 Track (-191.3, -164.9) @ 03/27 18:07:30 # Track SE AR
 03/28 06:10:16 - 03/28 18:00:16 Track (-85.8, -163.4) @ 03/28 06:10:00 # Track SE AR
 03/28 18:10:16 - 03/29 05:31:16 Track (20.3, -163.3) @ 03/28 18:10:00 # Track SE AR
 03/29 05:45:16 - 03/29 18:20:46 Track (122.0, -164.6) @ 03/29 05:41:00 # Track SE AR

Open/Ti-poly	Open/thick-Al	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

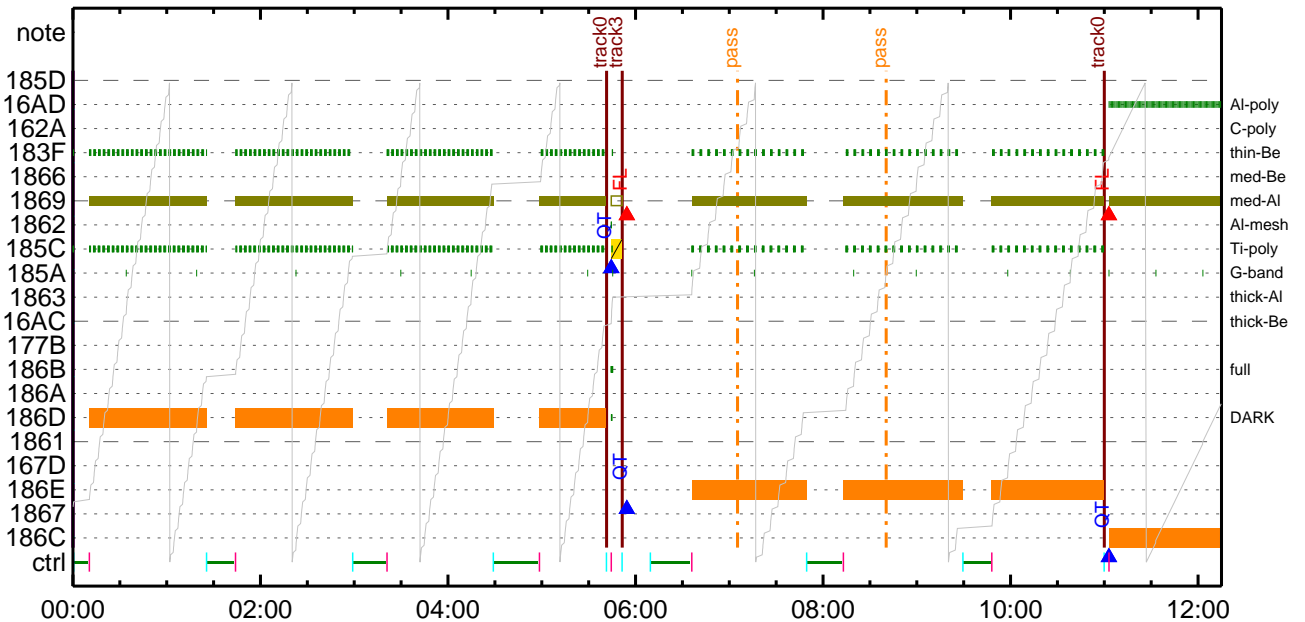
CMDI #0843 2011/03/23



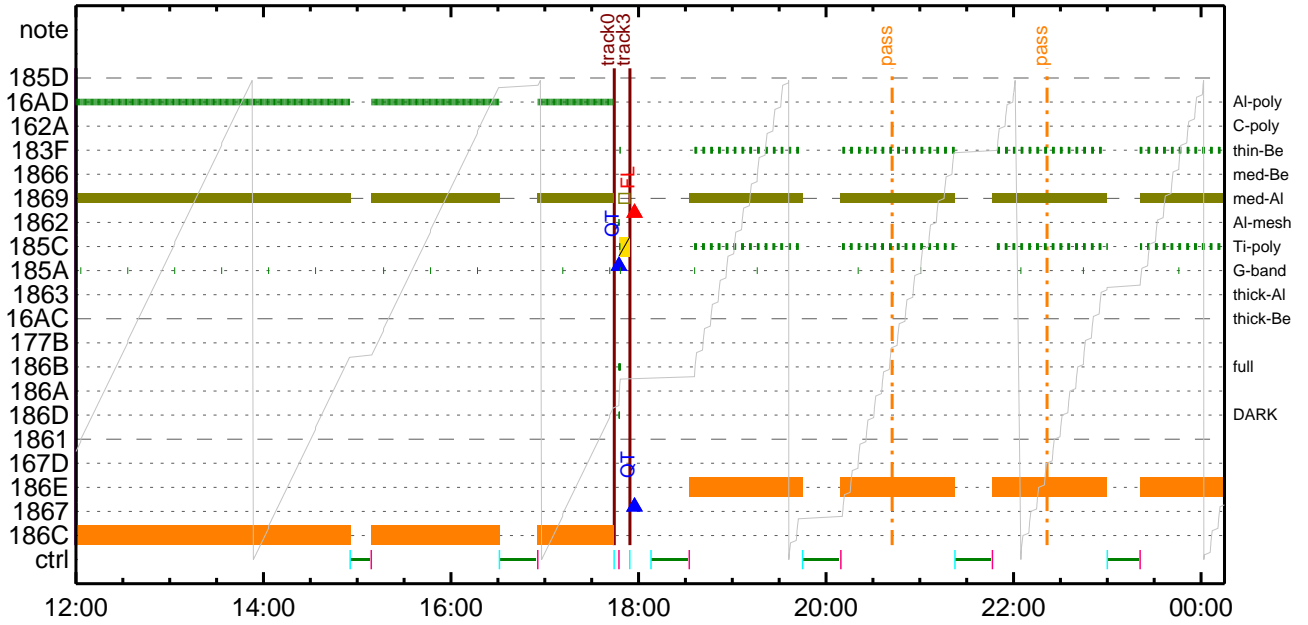
CMDI #0843 2011/03/23



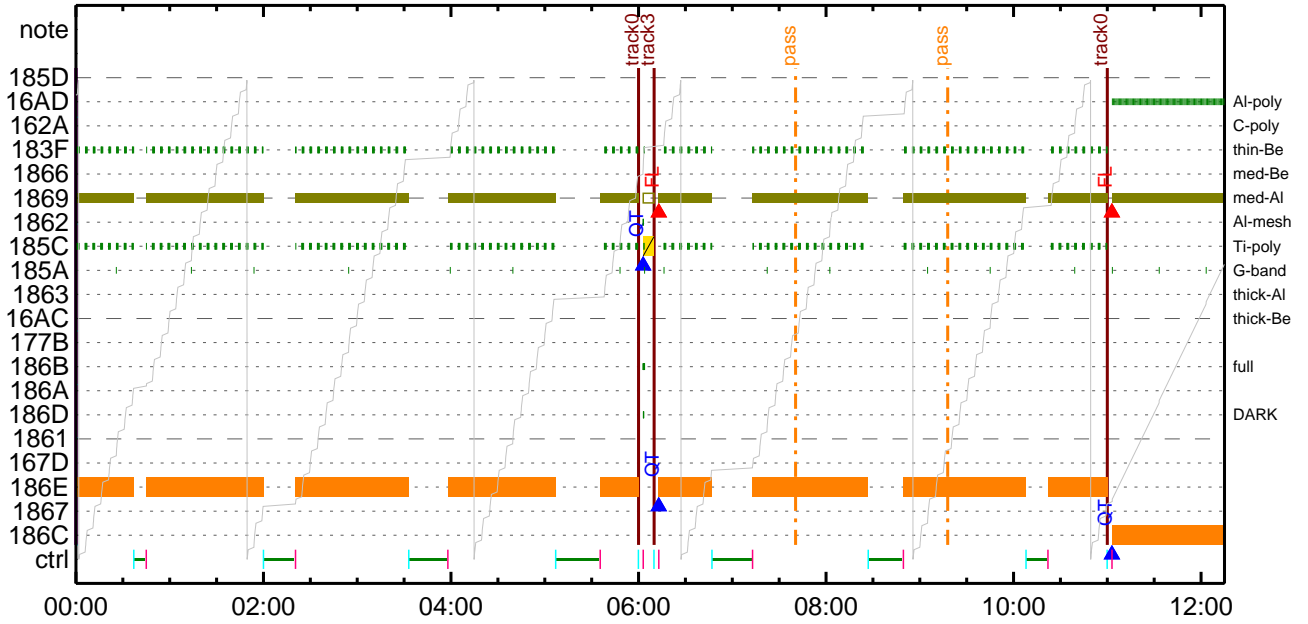
CMDI #0843 2011/03/24



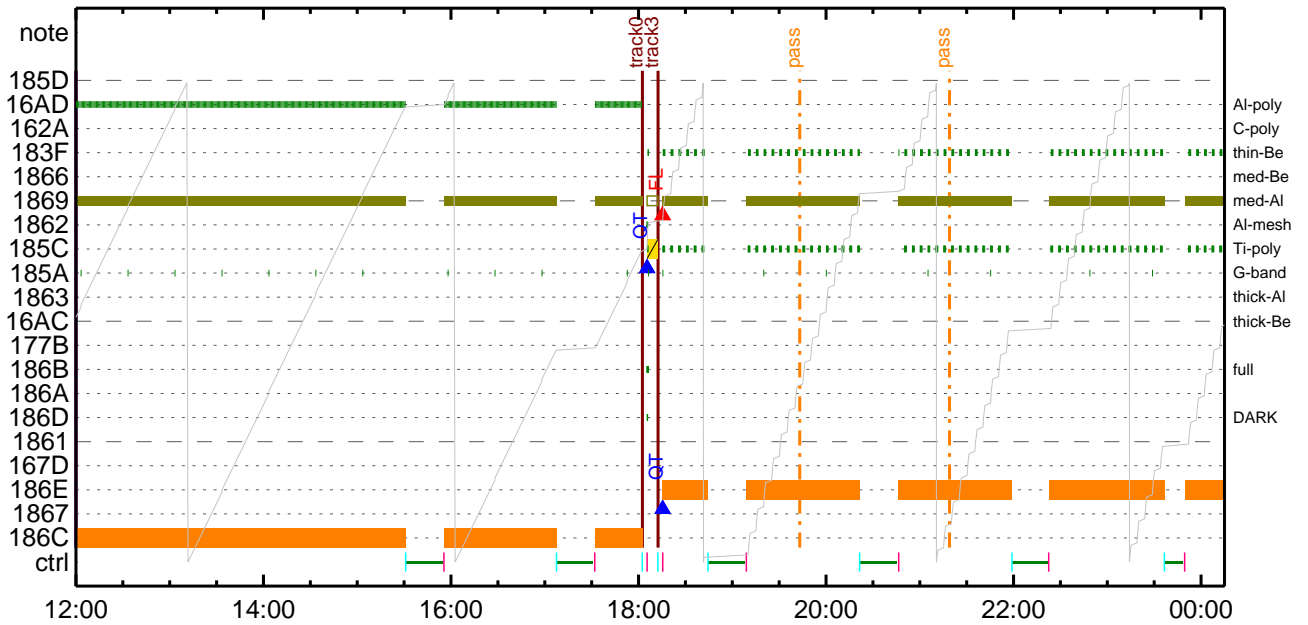
CMDI #0843 2011/03/24



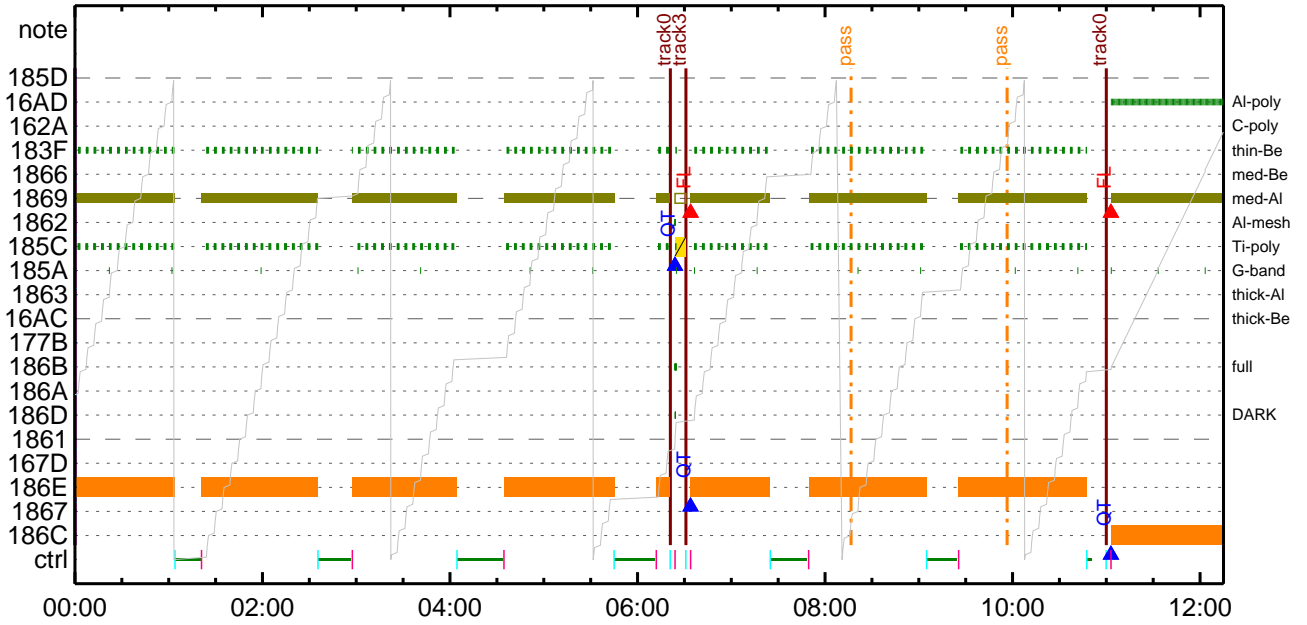
CMDI #0843 2011/03/25



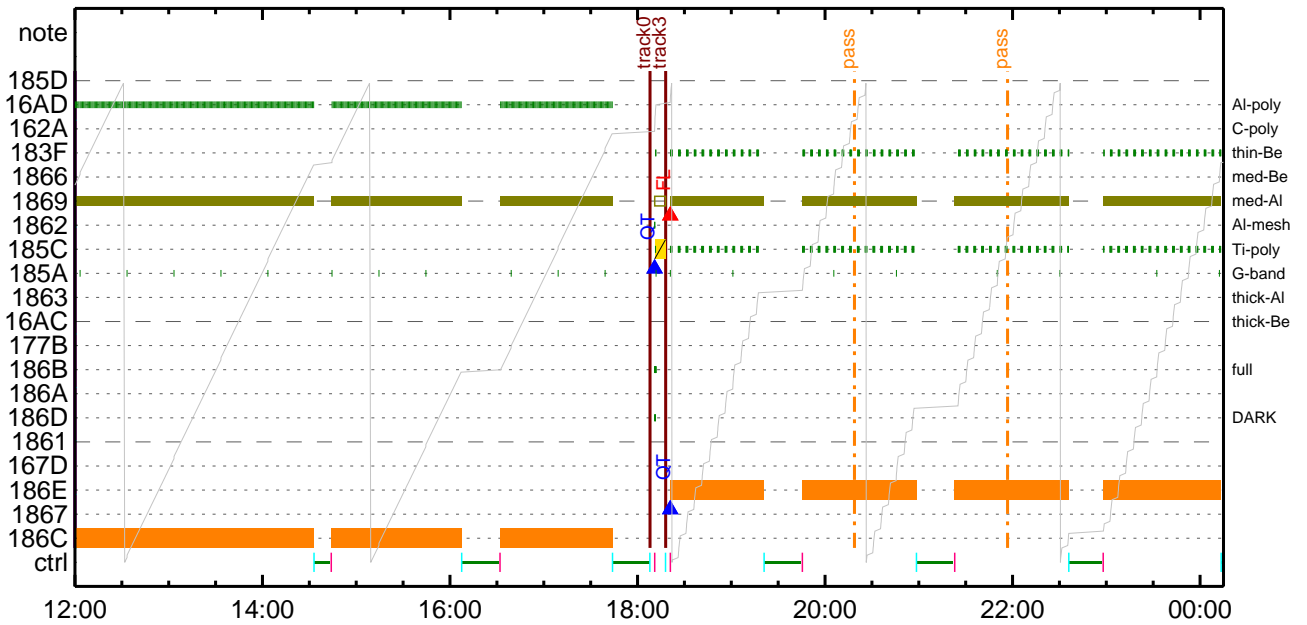
CMDI #0843 2011/03/25



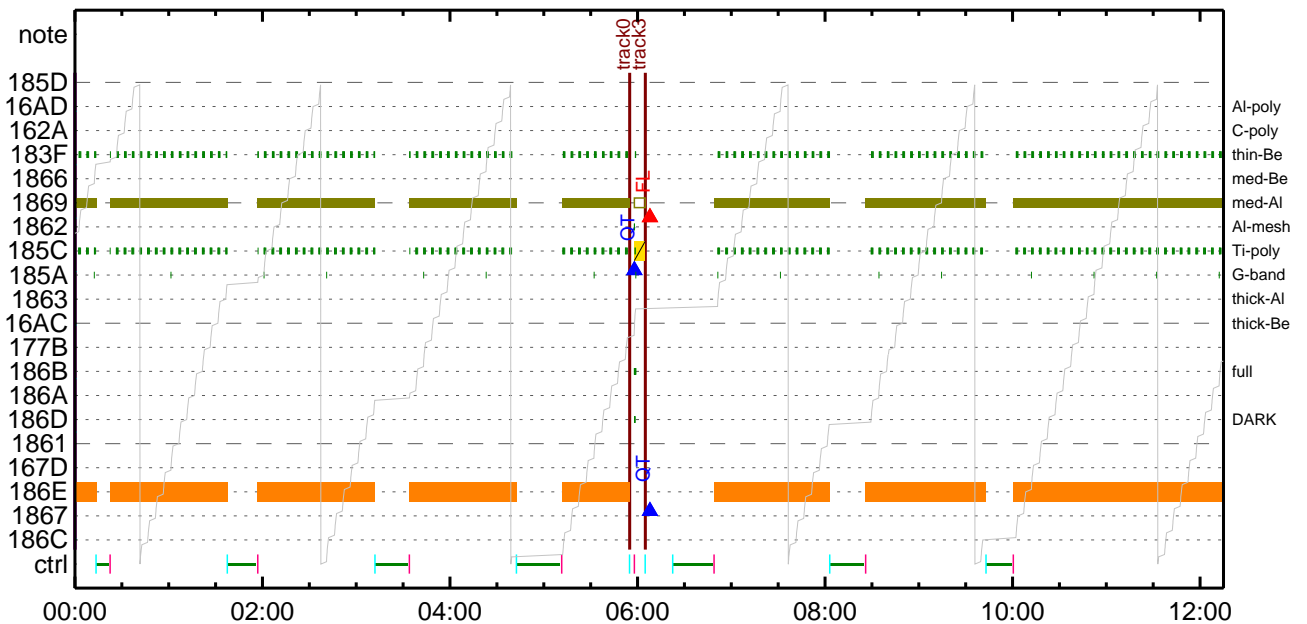
CMDI #0843 2011/03/26



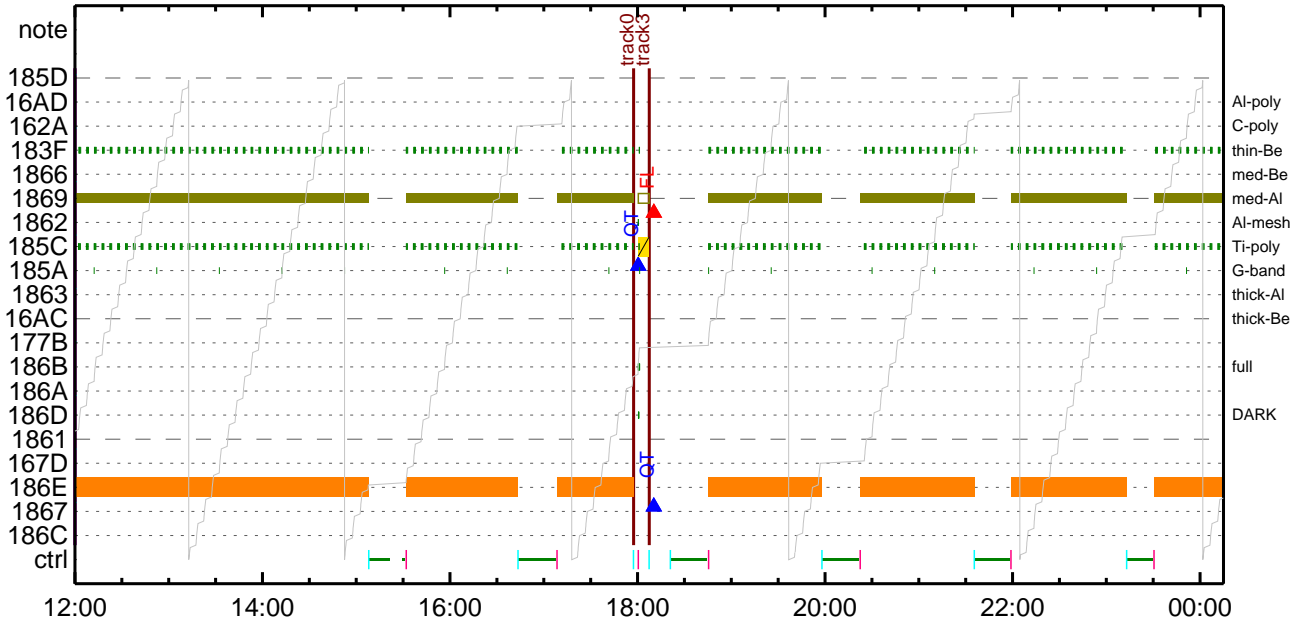
CMDI #0843 2011/03/26



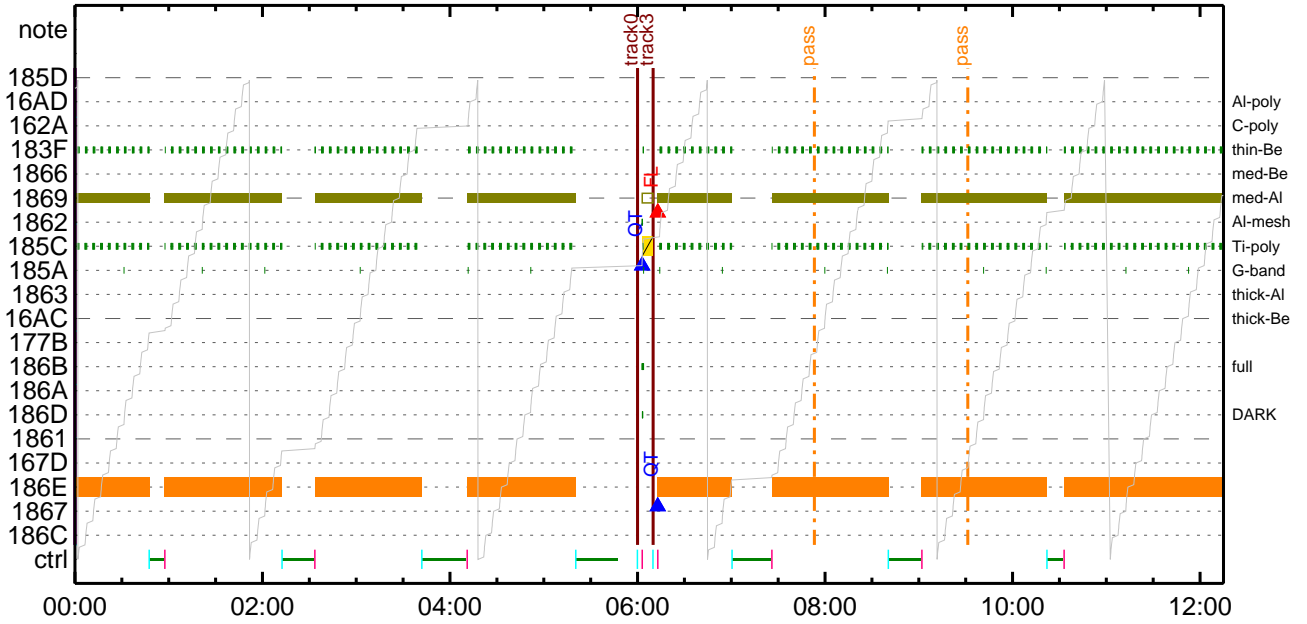
CMDI #0843 2011/03/27



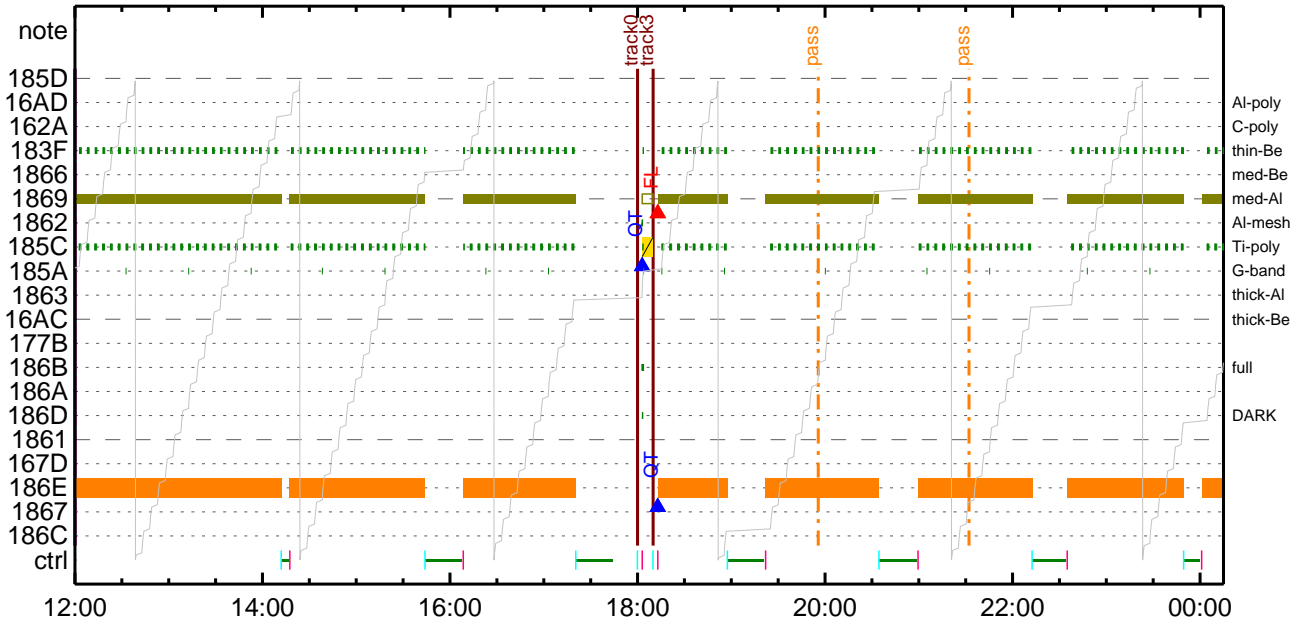
CMDI #0843 2011/03/27



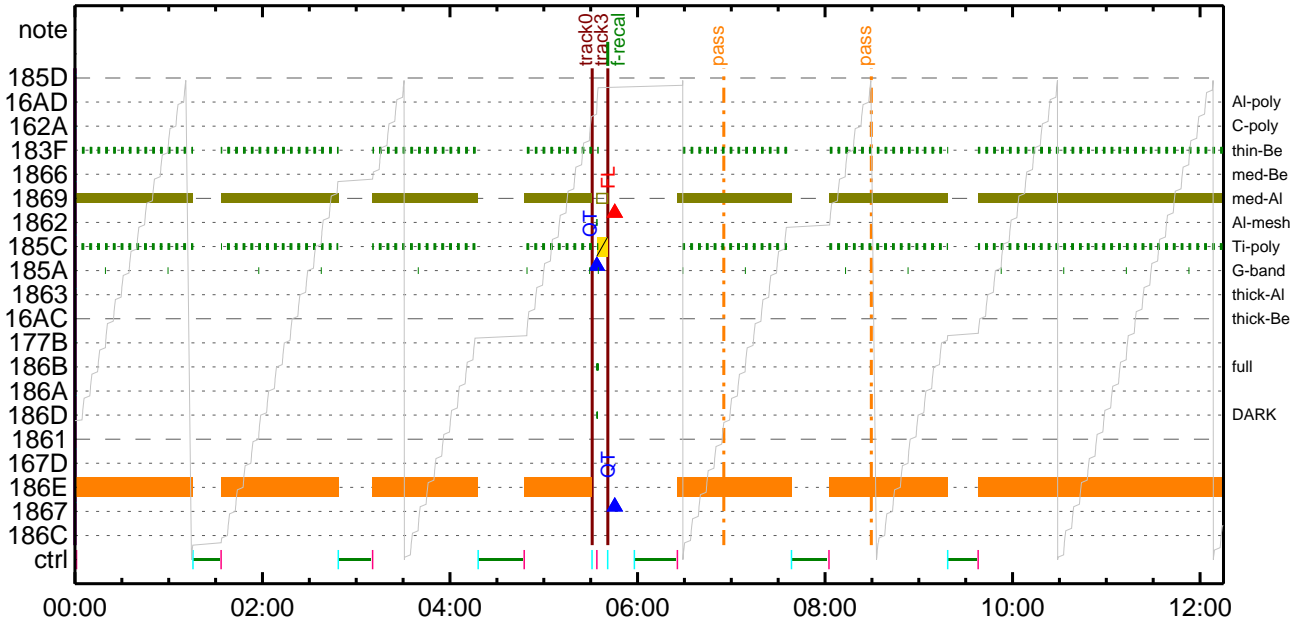
CMDI #0843 2011/03/28



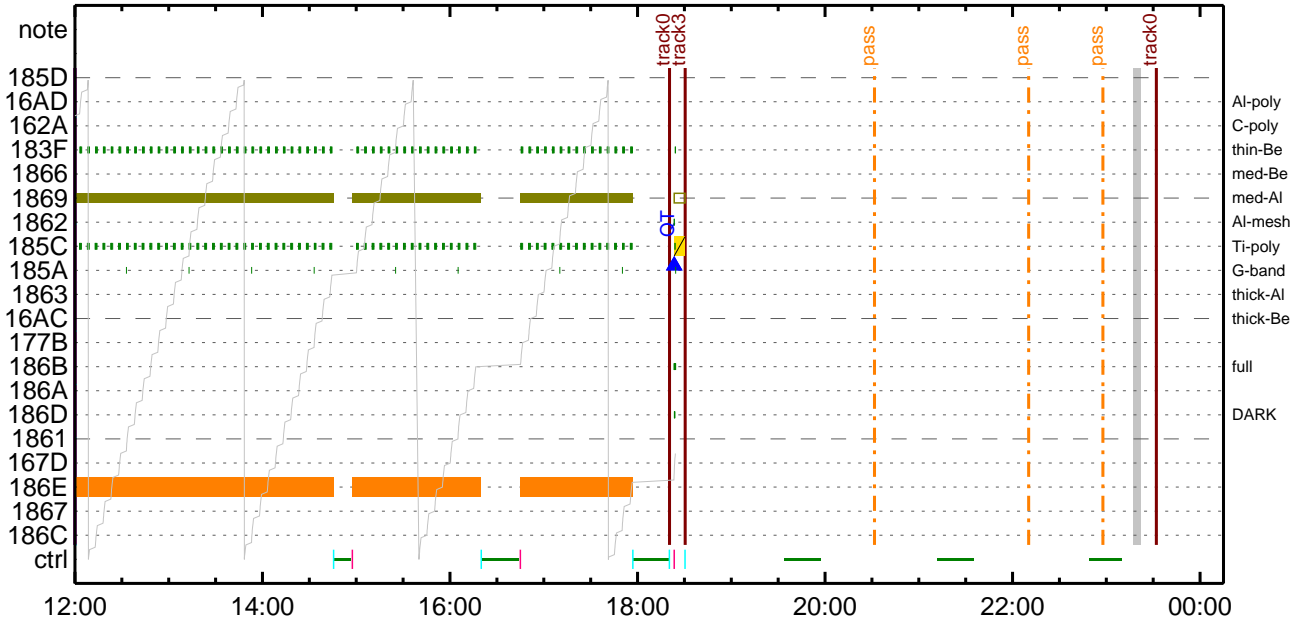
CMDI #0843 2011/03/28



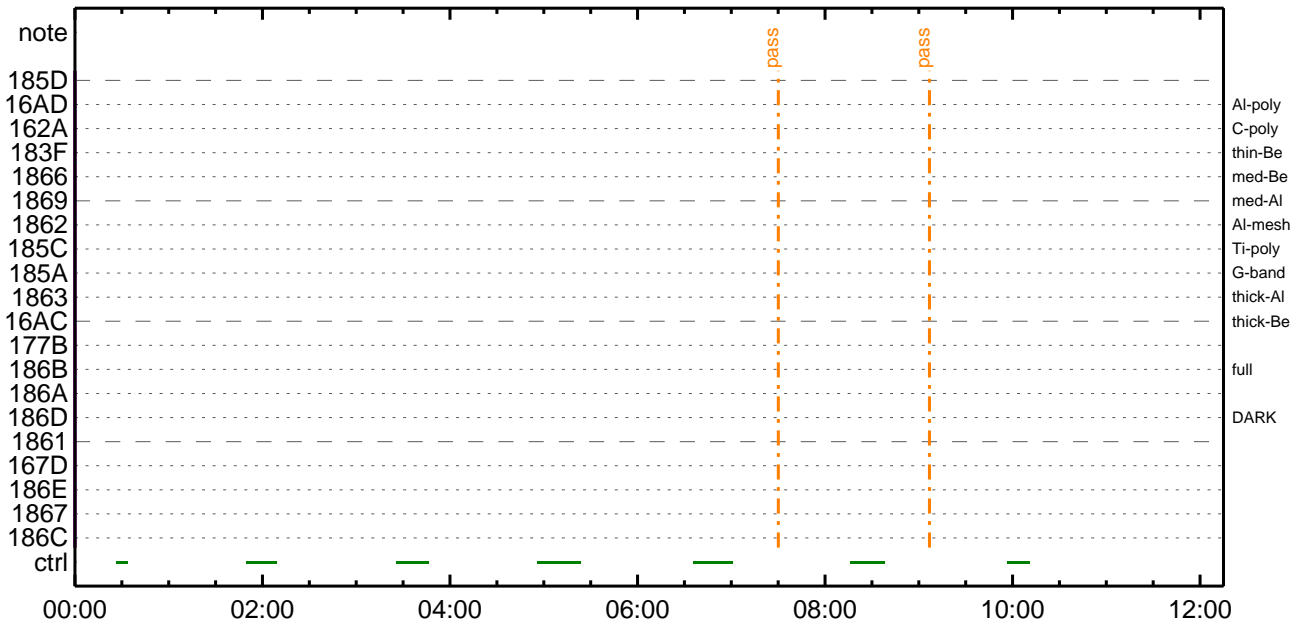
CMDI #0843 2011/03/29



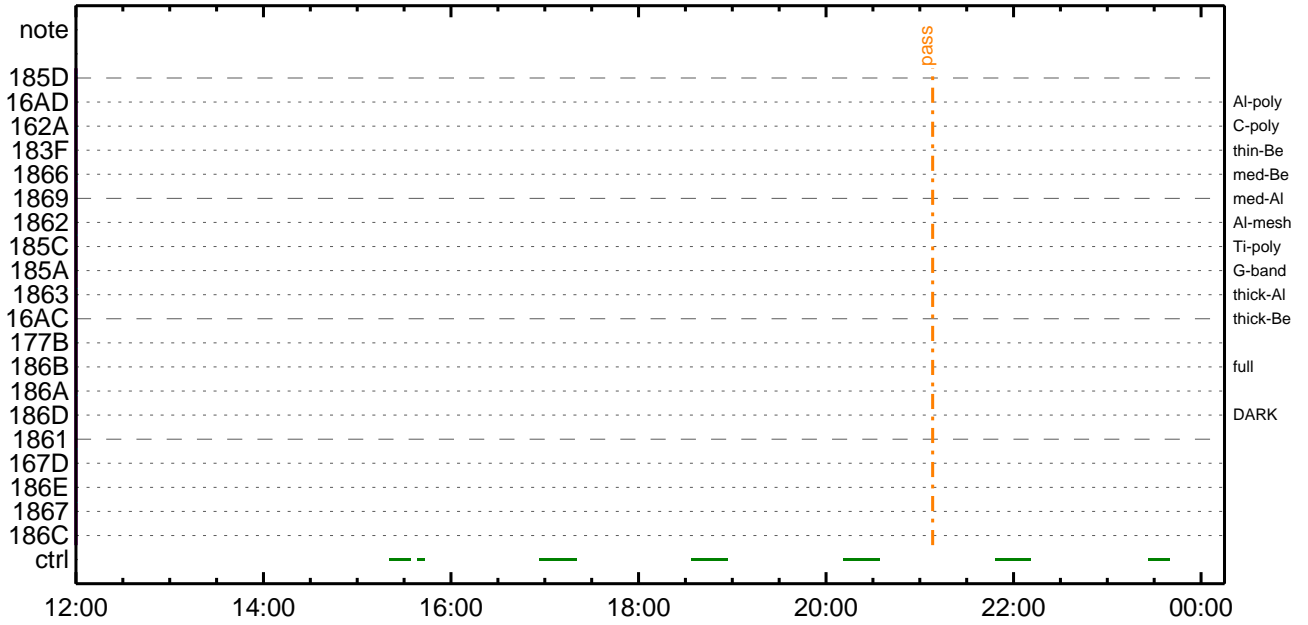
CMDI #0843 2011/03/29



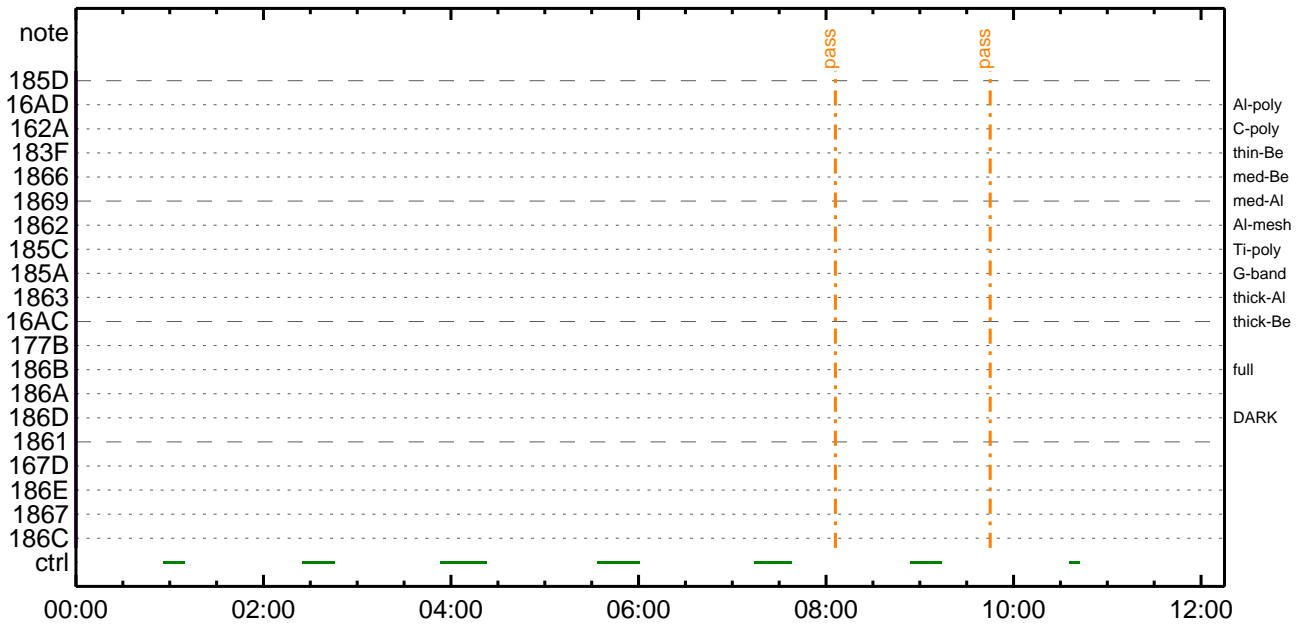
CMDI #0843 2011/03/30



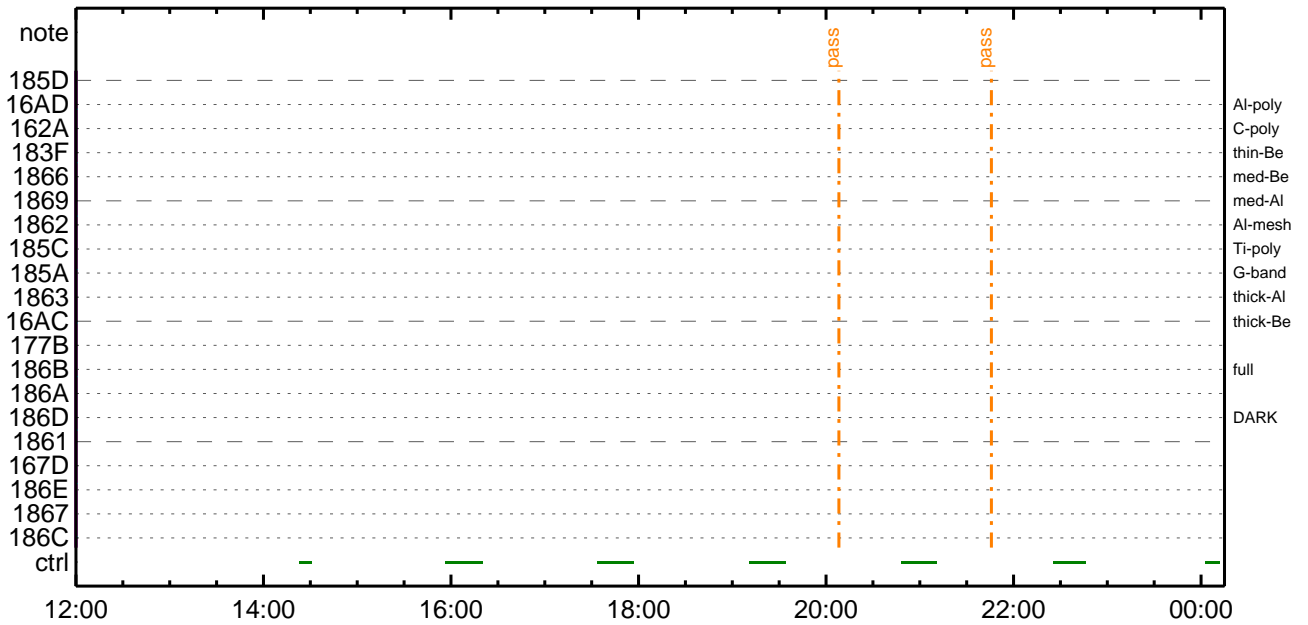
CMDI #0843 2011/03/30



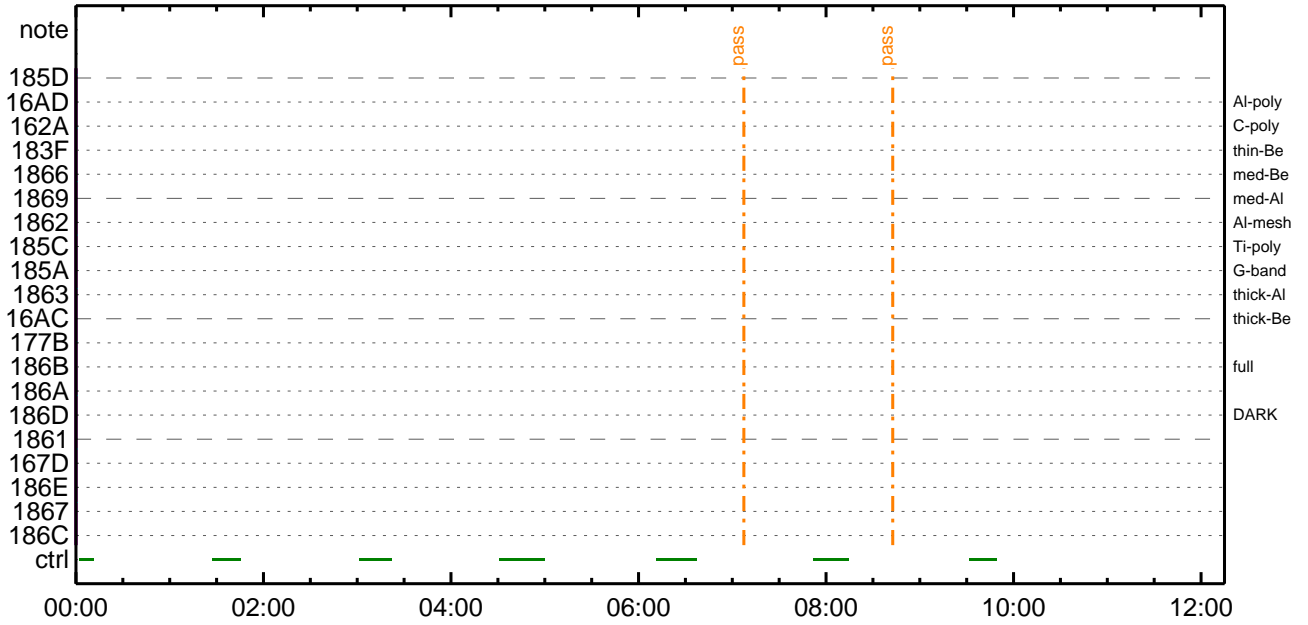
CMDI #0843 2011/03/31



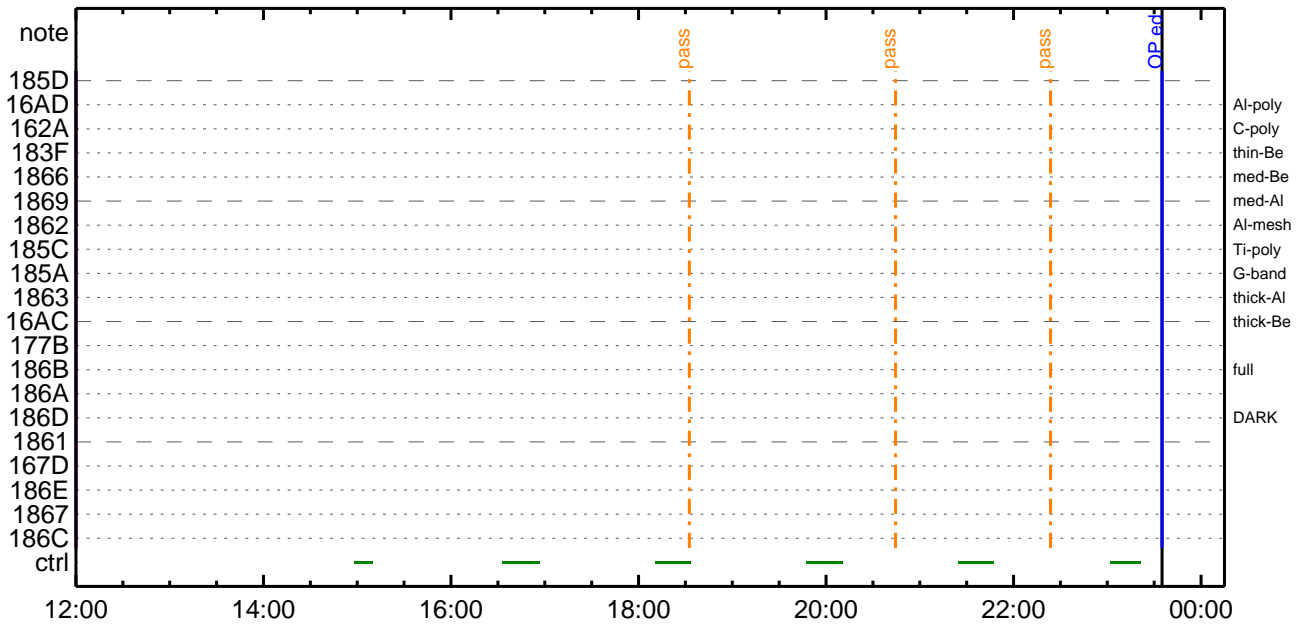
CMDI #0843 2011/03/31



CMDI #0843 2011/04/01



CMDI #0843 2011/04/01



(a) Spacecraft Operation Procedure (real-commands)

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main-967 2011-03-23 14:05:24 205 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÁY-¼Ä»Û;ä
0005 C.
0006 C. YÀYB;¼Y³YFÝÖYÉÄ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¿¿ÒÄÒ•µ°Ë»Í×ÁÇÒÍYÇYÁY×YÍ;¼YÉ;ÈÈÈµ•íÉ;ÈÒÈ¼°ÇÒÒ•Ò¿¼í¹ÇÒÍ; ÇÄ®, ùÒ¹ÒÈÒÒÇÄ+¿®Ò•ÒÈÒÒÒ³ÒÈ; f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. OP/OGYí;¼YÉ;|YÁYÖY×
0016 C. *****
0017 C.
0018 . C. ;ãOP/OGYí;¼YÉ;ä
0019 . S. OP op-967:OP
0020 ( )
0021 . S. OG og-967:OG
0022 ( )
0023 C.
0024 . C. ;ãNMOG&OPÍ°èYÁYÖY×;ä
0025 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0026 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0027 BC (20 00 7f 01 02)
0028 C. ÇÇ[HK1_DMP_TOP_ADRS_1] EQ 40
0029 C. ÇÇ[HK1_DMP_TOP_ADRS_0] EQ 0
0030 C. ÇÇ[HK1_DMP_BLOCK_NUM] EQ 127
0031 C. ÇÇ[HK1_DMP_REPEAT_NUM] EQ 0
0032 C. ÇÇ[HK1_DMA_DMP_PIM] EQ DHU
0033 +. DC 01-22 DHU_MODE_CHNG
0034 BC (07 0b f8)
0035 C. ÇÇ[HK1_PKT_FORM_NO] EQ 7
0036 C. ÇÇ[HK1_PKT_GEN_TIME] EQ 0.25 s
0037 C. ÇÇ[HK1_S_TLM_BIT_RATE] EQ 32k
0038 C. ÇÇ[HK1_X_TLM_BIT_RATE] EQ 4M
0039 C. ÇÇ[HK1_DMP_CHK_FLG] EQ EXEC
0040 . C. YÀYÖY×½ª Î»Òð³ ÎÇ§
0041 C. ÇÇ[HK1_DMP_CHK_FLG] EQ NON
0042 . C. RAM ID=NMOGÒÍ½È¹Ç•è² ÎOKÒð³ ÎÇ§
0043 C.
0044 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0045 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0046 BC (20 80 7f 01 02)
0047 C. ÇÇ[HK1_DMP_TOP_ADRS_1] EQ 41
0048 C. ÇÇ[HK1_DMP_TOP_ADRS_0] EQ 0
0049 C. ÇÇ[HK1_DMP_BLOCK_NUM] EQ 127
0050 C. ÇÇ[HK1_DMP_REPEAT_NUM] EQ 0
0051 C. ÇÇ[HK1_DMA_DMP_PIM] EQ DHU
0052 +. DC 01-22 DHU_MODE_CHNG
0053 BC (07 0b f8)
0054 C. ÇÇ[HK1_PKT_FORM_NO] EQ 7
0055 C. ÇÇ[HK1_PKT_GEN_TIME] EQ 0.25 s
0056 C. ÇÇ[HK1_S_TLM_BIT_RATE] EQ 32k
0057 C. ÇÇ[HK1_X_TLM_BIT_RATE] EQ 4M
0058 C. ÇÇ[HK1_DMP_CHK_FLG] EQ EXEC
0059 . C. YÀYÖY×½ª Î»Òð³ ÎÇ§
0060 C. ÇÇ[HK1_DMP_CHK_FLG] EQ NON
0061 . C. RAM ID=NMOGÒÍ½È¹Ç•è² ÎOKÒð³ ÎÇ§
0062 C.
0063 C. NMOG(0x210000-0x210FFF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0064 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0065 BC (21 00 41 01 02)
0066 C. ÇÇ[HK1_DMP_TOP_ADRS_1] EQ 42
0067 C. ÇÇ[HK1_DMP_TOP_ADRS_0] EQ 0
0068 C. ÇÇ[HK1_DMP_BLOCK_NUM] EQ 65
0069 C. ÇÇ[HK1_DMP_REPEAT_NUM] EQ 0
0070 C. ÇÇ[HK1_DMA_DMP_PIM] EQ DHU
0071 +. DC 01-22 DHU_MODE_CHNG
0072 BC (07 0b f8)
0073 C. ÇÇ[HK1_PKT_FORM_NO] EQ 7
0074 C. ÇÇ[HK1_PKT_GEN_TIME] EQ 0.25 s
0075 C. ÇÇ[HK1_S_TLM_BIT_RATE] EQ 32k
0076 C. ÇÇ[HK1_X_TLM_BIT_RATE] EQ 4M
0077 C. ÇÇ[HK1_DMP_CHK_FLG] EQ EXEC
0078 . C. YÀYÖY×½ª Î»Òð³ ÎÇ§
0079 C. ÇÇ[HK1_DMP_CHK_FLG] EQ NON
0080 . C. RAM ID=NMOG, RAM ID=OPÒÍ½È¹Ç•è² ÎOKÒð³ ÎÇ§
0081 C.
0082 . C. ***** ÒÈ²¼ÒÍ¼Ä´ ¶¼ÒÈÈ-ÒÒÄ+¿® (¼áµ-YÀYÖY×¼È¼ÇÒÄÁÓÄÇÇªÒ´Ò²¼¼í¹ÇÒÇÒÄ) *****
0083 C. DHUYâ;¼YÉ;ÈY½, Yí;¼YÉ;ÈÒðÍáÒ¹
0084 +. DC 01-22 DHU_MODE_CHNG
0085 BC (02 0a f8)
0086 C. ÇÇ[HK1_PKT_FORM_NO] EQ 2
0087 C. ÇÇ[HK1_PKT_GEN_TIME] EQ 0.5S
0088 C. ÇÇ[HK1_S_TLM_BIT_RATE] EQ 32K
0089 C. ÇÇ[HK1_X_TLM_BIT_RATE] EQ 4M
0090 C.
0091 . C. *****
0092 C. TI-CMD SET (OPOG STOP/COPY/START)
0093 C. *****
0094 C.
0095 . C. NOTICE |§ OPOG UPLOADÒ-Ä+¿®NGÒÍ½È¹Ç; Ç°È²¼ÒÍTI-CMDÄ+¿®ÒÍ¼Ä¹ÒÒÒÒÒÒ³ÒÈ; f
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0096 C. SET DUMP I A i Y N Y a C O a | a a E ; f
0097 C.
0098 C. TI Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y (UT)
0099 +. TI 2011-03-23 22:36:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C. [HK1_TI_CMD_NUM] EQ 1COUNTUP
0102 C.
0103 +. TI 2011-03-23 22:36:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C. [HK1_TI_CMD_NUM] EQ 1COUNTUP
0106 C.
0107 +. TI 2011-03-23 22:36:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C. [HK1_TI_CMD_NUM] EQ 1COUNTUP
0110 C.
0111 +. TI 2011-03-23 22:40:59.5
0112 DC 01-B2 DHU_OP_START
0113 C. [HK1_TI_CMD_NUM] EQ 1COUNTUP
0114 C.
0115 C. E a i A e i i N a i Y A Y S Y A Y - a i U
0116 C. [HK1_TI_CMD_ENA/DIS] EQ ENA
0117 C. [HK1_TI_CMD_NUM] EQ 4
0118 C. [HK1_NEXT_EXEC_PIM] EQ DHU
0119 C. [HK1_NEXT_EXEC_DC] EQ 0xB3
0120 C.
0121 C. *****
0122 C. TI i i i e Y A Y O Y x
0123 C. *****
0124 C.
0125 C. TI_TBL(0x03AB00-0x03AEFF; \$ 1024byte)
0126 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0127 BC (03 ab 03 01 02)
0128 C. [HK1_DMP_TOP_ADRS_1] EQ 07
0129 C. [HK1_DMP_TOP_ADRS_0] EQ 2B
0130 C. [HK1_DMP_BLOCK_NUM] EQ 3
0131 C. [HK1_DMP_REPEAT_NUM] EQ 0
0132 C. [HK1_DMA_DMP_PIM] EQ DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC (07 0b f8)
0135 C. [HK1_PKT_FORM_NO] EQ 7
0136 C. [HK1_PKT_GEN_TIME] EQ 0.25 s
0137 C. [HK1_S_TLM_BIT_RATE] EQ 32k
0138 C. [HK1_X_TLM_BIT_RATE] EQ 4M
0139 C. [HK1_DMP_CHK_FLG] EQ EXEC
0140 C.
0141 C. Y A Y O Y x 1/2 a i » a d s i C S
0142 C. [HK1_DMP_CHK_FLG] EQ NON
0143 C.
0144 C. RAM ID=TI_TBL a i E 1 C . e 2 i O K a d s i C S
0145 C.
0146 C. DHU Y a i ; Y Y E ; E Y Y ; Y i ; Y Y E ; E a d i a n 1
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC (02 0a f8)
0149 C. [HK1_PKT_FORM_NO] EQ 2
0150 C. [HK1_PKT_GEN_TIME] EQ 0.5S
0151 C. [HK1_S_TLM_BIT_RATE] EQ 32K
0152 C. [HK1_X_TLM_BIT_RATE] EQ 4M
0153 C.
0154 C. *****
0155 C. SOT TI command set
0156 C. *****
0157 C. Execute, after the success of OP upload.
0158 +. TI 2011-03-23 22:40:16.0
0159 DC 07-F0 MDP_SOT_MODE_STBY
0160 BC (41)
0161 C. -----
0162 C. HK1_TI_CMD_NUM = 1 CNTUP []
0163 C. -----
0164 C. ***** SOT END *****
0165 C. Stop EIS observation and temporarily disable EIS mode changes
0166 C.
0167 C.
0168 C. ***** Start EIS operation (TI set) *****
0169 C. Execute, after the success of OP upload.
0170 C. Set EIS TI-commands
0171 +. TI 2011-03-23 22:40:30.0
0172 DC 07-FC EIS_MODE_MANU
0173 BC (21 02)
0174 +. TI 2011-03-23 22:40:40.0
0175 DC 07-FC EIS_MODE_CHG_DIS
0176 BC (22)
0177 C. [] [HK1_TI_CMD_NUM] EQ 2 COUNTUP
0178 C. ***** End EIS operation (TI set) *****
0179 C.
0180 C.
0181 C.
0182 C. ***** XRT START *****
0183 C. Execute, after the success of OP upload.
0184 +. TI 2011-03-23 22:40:00.0
0185 DC 07-F0 MDP_XRT_MODE_STBY
0186 BC (c3)
0187 C. [] [HK1_TI_CMD_NUM] EQ 1COUNTUP
0188 C.
0189 C. ***** XRT END *****
0190 C.
0191 C. ***** MDP a i A i a i » o Y a E A a n 1 a e DCBC . x 2 e *****
0192 C. (Y a o i Y O Y A Y E Y P Y E Y a Y c Y e a E Y a a Y A » U a n e)
0193 C. DC-BC dcbc-402:DCBC

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0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥ÐŸ!•İ Daily±;İÑøĒ'Øσ¹αēDCBC•x²è *****
0198 . S. DC-BC dcbc-153:DCBC
0199 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0200 C.
0201 C.
0202 . C. ;ãLOS¥Á¥S¥Ã¥~¼Â»Ü;ã
0203 C.
0204 . C. ***** LOS *****
0205 C.
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0096 C.
0097 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0098 C.
0099 +. DC 07-F0 MDP_XRT_MODE_OBSV
0100 BC (c2)
0101 +. TI 2011-03-23 22:40:02.0
0102 DC 07-F0 MDP_XRT_MODE_OBSV
0103 BC (c2)
0104 . C. ----- Success Verify ? OK / NG ____
0105 C.
0106 C. ***** XRT END *****
0107 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0108 +. DC 07-FC EIS_MODE_MANU
0109 BC (21 02)
0110 . C. Verify EIS in MANUAL mode
0111 . C. Estimated OBSTBL upload time is 28s
0112 C. *****
0113 C. EIS START OBSTBL LOAD
0114 C. *****
0115 . S. RAM ram-820:EIS_OBSTBL
0116 ()
0117 +. DC 07-FC EIS_DUMP_OBSTBL
0118 BC (07 07 07 00 00 70 00)
0119 C.
0120 C. Execute, after the success of OBSTBL upload.
0121 C. Set EIS TI-commands
0122 +. TI 2011-03-23 22:40:50.0
0123 DC 07-FC EIS_MODE_CHG_ENA
0124 BC (20)
0125 . C. [] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0126 C. *****
0127 C. EIS END OBSTBL LOAD
0128 C. *****
0129 C.
0130 . C. ***** MDP 'uAÎaî»ô%ÿaÊAÐa¹aèDCBC•x²è *****
0131 C. (%â°îÿÓÿÃÿÈÿPÿËÿâÿçÿèaE%¼a¼A»Ûa¹aè)
0132 . S. DC-BC dcbc-402:DCBC
0133 (MDP_known_event)
0134 C.
0135 C.
0136 . C. ***** ÿDÿ¹.Ï Daily±;îÑaÊ'Øa¹aèDCBC•x²è *****
0137 . S. DC-BC dcbc-153:DCBC
0138 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0139 C.
0140 C.
0141 . C. ;ãLOSÿÃÿSÿËÿ¼A»Û;ã
0142 C.
0143 . C. ***** LOS *****
0144 C.

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*** OP Sequence for XRT ***

2011/03/23	22:50:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/23	22:50:56.0	XRT_FOCUS_POSITION_409_OG [0x199]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2011/03/23	22:51:00.0	AOCS_OrE-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	03 00 00 00 00
2011/03/23	22:51:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2011/03/23	22:51:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2011/03/23	22:51:20.0	XRT_AEC_RESET_443_OG [0x1bb]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2011/03/23	22:51:22.0	XRT_ARS_DIS_437_OG [0x1b5]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2011/03/23	22:53:54.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2011/03/23	22:53:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2011/03/23	22:53:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0f
2011/03/23	22:54:00.0	XRT_CTRL_AUTO_406_OG [0x196]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/03/24	00:00:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/24	00:09:30.0	XRT_Custom_418_OG [0x1a2]			
2011/03/24	00:10:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/03/24	01:25:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/24	01:43:00.0	XRT_Custom_418_OG [0x1a2]			
2011/03/24	01:44:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/03/24	02:59:00.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/24	03:20:00.0	XRT_Custom_418_OG [0x1a2]			
2011/03/24	03:21:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/03/24	04:29:00.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/24	04:57:30.0	XRT_Custom_418_OG [0x1a2]			
2011/03/24	04:58:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/03/24	05:41:24.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/24	05:41:26.0	XRT_FOCUS_POSITION_401_OG [0x191]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2011/03/24	05:41:30.0	AOCS_OrE-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2011/03/24	05:41:46.0	XRT_FLD_DIS_402_OG [0x192]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2011/03/24	05:41:48.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2011/03/24	05:41:50.0	XRT_ARS_DIS_438_OG [0x1b6]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2011/03/24	05:44:28.0	XRT_QT_PROG_SET_407_OG [0x197]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2011/03/24	05:44:30.0	XRT_CTRL_AUTO_406_OG [0x196]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/03/24	05:51:24.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/24	05:51:26.0	XRT_FOCUS_POSITION_409_OG [0x199]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2011/03/24	05:51:30.0	AOCS_OrE-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	03 00 00 00 00
2011/03/24	05:51:46.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2011/03/24	05:51:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2011/03/24	05:51:50.0	XRT_AEC_RESET_443_OG [0x1bb]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2011/03/24	05:51:52.0	XRT_ARS_DIS_437_OG [0x1b5]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2011/03/24	05:54:24.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2011/03/24	05:54:26.0	XRT_QT_PROG_SET_434_OG [0x1b2]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2011/03/24	05:54:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0f
2011/03/24	06:09:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/24	06:35:00.0	XRT_Custom_418_OG [0x1a2]			
2011/03/24	06:36:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/03/24	07:49:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/24	08:12:00.0	XRT_Custom_418_OG [0x1a2]			
2011/03/24	08:13:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/03/24	09:29:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/24	09:47:00.0	XRT_Custom_418_OG [0x1a2]			

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2011/03/24	09:48:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/24	10:59:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/24	10:59:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2011/03/24	11:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 54 00 00 00	
2011/03/24	11:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2011/03/24	11:00:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2011/03/24	11:00:20.0	XRT_AEC_RESET_414_OG [0x19e]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2011/03/24	11:00:22.0	XRT_ARS_DIS_437_OG [0x1b5]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2011/03/24	11:02:54.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2011/03/24	11:02:56.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01	
2011/03/24	11:02:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0f	
2011/03/24	11:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/24	14:55:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/24	15:08:00.0	XRT_Custom_418_OG [0x1a2]					
2011/03/24	15:09:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/24	16:31:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/24	16:54:30.0	XRT_Custom_418_OG [0x1a2]					
2011/03/24	16:55:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/24	17:44:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/24	17:44:26.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2011/03/24	17:44:30.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2011/03/24	17:44:46.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2011/03/24	17:44:48.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2011/03/24	17:44:50.0	XRT_ARS_DIS_438_OG [0x1b6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2011/03/24	17:47:28.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d	
2011/03/24	17:47:30.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/24	17:54:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/24	17:54:26.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2011/03/24	17:54:30.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	03 00 00 00 00	
2011/03/24	17:54:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2011/03/24	17:54:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2011/03/24	17:54:50.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2011/03/24	17:54:52.0	XRT_ARS_DIS_437_OG [0x1b5]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2011/03/24	17:57:24.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2011/03/24	17:57:26.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03	
2011/03/24	17:57:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0f	
2011/03/24	18:08:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/24	18:31:30.5	XRT_Custom_418_OG [0x1a2]					
2011/03/24	18:32:30.5	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/24	19:45:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/24	20:08:30.0	XRT_Custom_418_OG [0x1a2]					
2011/03/24	20:09:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/24	21:22:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/24	21:45:30.0	XRT_Custom_418_OG [0x1a2]					
2011/03/24	21:46:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/24	23:00:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/24	23:20:00.0	XRT_Custom_418_OG [0x1a2]					
2011/03/24	23:21:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/25	00:37:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/25	00:44:00.0	XRT_Custom_418_OG [0x1a2]					

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2011/03/25	00:45:00.0	XRT_CTRL_AUTO_419_OG [0x1a3] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/03/25	02:00:00.0	XRT_CTRL_MANU_408_OG [0x198] MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/25	02:19:30.0	XRT_Custom_418_OG [0x1a2]			
2011/03/25	02:20:30.5	XRT_CTRL_AUTO_419_OG [0x1a3] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/03/25	03:33:00.0	XRT_CTRL_MANU_408_OG [0x198] MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/25	03:57:00.0	XRT_Custom_418_OG [0x1a2]			
2011/03/25	03:58:00.0	XRT_CTRL_AUTO_419_OG [0x1a3] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/03/25	05:07:00.0	XRT_CTRL_MANU_408_OG [0x198] MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/25	05:34:30.0	XRT_Custom_418_OG [0x1a2]			
2011/03/25	05:35:30.0	XRT_CTRL_AUTO_419_OG [0x1a3] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/03/25	05:59:54.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/25	05:59:56.0	XRT_FOCUS_POSITION_401_OG [0x191] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2011/03/25	06:00:00.0	AOCS_ORe-point_Start_2_OG [0x098] AOCU_NM	5	02-76	00 00 00 00 00
2011/03/25	06:00:16.0	XRT_FLD_DIS_402_OG [0x192] MDP_XRT_FLD_DIS	1	07-F0	d9
2011/03/25	06:00:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2011/03/25	06:00:20.0	XRT_ARS_DIS_438_OG [0x1b6] MDP_XRT_ARS_DIS	1	07-F0	d5
2011/03/25	06:02:58.0	XRT_QT_PROG_SET_407_OG [0x197] MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2011/03/25	06:03:00.0	XRT_CTRL_AUTO_406_OG [0x196] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/03/25	06:09:54.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/25	06:09:56.0	XRT_FOCUS_POSITION_409_OG [0x199] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2011/03/25	06:10:00.0	AOCS_ORe-point_Start_1_OG [0x097] AOCU_NM	5	02-76	03 00 00 00 00
2011/03/25	06:10:16.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2011/03/25	06:10:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2011/03/25	06:10:20.0	XRT_AEC_RESET_443_OG [0x1bb] MDP_XRT_AEC_RESET	1	07-F0	d0
2011/03/25	06:10:22.0	XRT_ARS_DIS_437_OG [0x1b5] MDP_XRT_ARS_DIS	1	07-F0	d5
2011/03/25	06:12:54.0	XRT_FLD_RESET_412_OG [0x19c] MDP_XRT_FLD_RESET	1	07-F0	da
2011/03/25	06:12:56.0	XRT_QT_PROG_SET_434_OG [0x1b2] MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2011/03/25	06:12:58.0	XRT_FL_PROG_SET_436_OG [0x1b4] MDP_XRT_FL_PROG_SET	2	07-F0	c5 0f
2011/03/25	06:13:00.0	XRT_CTRL_AUTO_406_OG [0x196] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/03/25	06:47:00.0	XRT_CTRL_MANU_408_OG [0x198] MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/25	07:12:00.0	XRT_Custom_418_OG [0x1a2]			
2011/03/25	07:13:00.0	XRT_CTRL_AUTO_419_OG [0x1a3] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/03/25	08:27:00.0	XRT_CTRL_MANU_408_OG [0x198] MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/25	08:48:30.0	XRT_Custom_418_OG [0x1a2]			
2011/03/25	08:49:30.0	XRT_CTRL_AUTO_419_OG [0x1a3] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/03/25	10:08:00.0	XRT_CTRL_MANU_408_OG [0x198] MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/25	10:21:00.0	XRT_Custom_418_OG [0x1a2]			
2011/03/25	10:22:00.0	XRT_CTRL_AUTO_419_OG [0x1a3] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/03/25	10:59:54.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/25	10:59:56.0	XRT_FOCUS_POSITION_409_OG [0x199] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2011/03/25	11:00:00.0	AOCS_ORe-point_Start_4_OG [0x09a] AOCU_NM	5	02-76	00 ac 00 00 00
2011/03/25	11:00:16.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2011/03/25	11:00:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2011/03/25	11:00:20.0	XRT_AEC_RESET_414_OG [0x19e] MDP_XRT_AEC_RESET	1	07-F0	d0
2011/03/25	11:00:22.0	XRT_ARS_DIS_437_OG [0x1b5] MDP_XRT_ARS_DIS	1	07-F0	d5
2011/03/25	11:02:54.0	XRT_FLD_RESET_412_OG [0x19c] MDP_XRT_FLD_RESET	1	07-F0	da
2011/03/25	11:02:56.0	XRT_QT_PROG_SET_446_OG [0x1be] MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2011/03/25	11:02:58.0	XRT_FL_PROG_SET_436_OG [0x1b4] MDP_XRT_FL_PROG_SET	2	07-F0	c5 0f
2011/03/25	11:03:00.0	XRT_CTRL_AUTO_406_OG [0x196] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/03/25	15:31:00.0	XRT_CTRL_MANU_408_OG [0x198]			

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2011/03/25	15:54:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/03/25	15:55:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/03/25	17:07:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/03/25	17:31:00.0	XRT_Custom_418_OG [0x1a2]	XRT_CTRL_AUTO_419_OG [0x1a3]						
2011/03/25	17:32:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/03/25	18:02:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/03/25	18:02:26.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00		
2011/03/25	18:02:30.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00	00 00		
2011/03/25	18:02:46.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2011/03/25	18:02:48.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2011/03/25	18:02:50.0	XRT_ARS_DIS_438_OG [0x1b6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2011/03/25	18:05:28.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d		
2011/03/25	18:05:30.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/03/25	18:12:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/03/25	18:12:26.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00		
2011/03/25	18:12:30.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	03 00 00 00	00 00		
2011/03/25	18:12:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2011/03/25	18:12:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2011/03/25	18:12:50.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2011/03/25	18:12:52.0	XRT_ARS_DIS_437_OG [0x1b5]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2011/03/25	18:15:24.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2011/03/25	18:15:26.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03		
2011/03/25	18:15:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0f		
2011/03/25	18:15:30.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/03/25	18:44:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/03/25	19:08:00.0	XRT_Custom_418_OG [0x1a2]	XRT_CTRL_AUTO_419_OG [0x1a3]						
2011/03/25	19:09:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/03/25	20:21:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/03/25	20:45:30.0	XRT_Custom_418_OG [0x1a2]	XRT_CTRL_AUTO_419_OG [0x1a3]						
2011/03/25	20:46:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/03/25	21:59:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/03/25	22:21:30.0	XRT_Custom_418_OG [0x1a2]	XRT_CTRL_AUTO_419_OG [0x1a3]						
2011/03/25	22:22:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/03/25	23:36:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/03/25	23:48:30.0	XRT_Custom_418_OG [0x1a2]	XRT_CTRL_AUTO_419_OG [0x1a3]						
2011/03/25	23:49:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/03/26	01:04:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/03/26	01:20:00.0	XRT_Custom_418_OG [0x1a2]	XRT_CTRL_AUTO_419_OG [0x1a3]						
2011/03/26	01:21:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/03/26	02:35:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/03/26	02:56:30.0	XRT_Custom_418_OG [0x1a2]	XRT_CTRL_AUTO_419_OG [0x1a3]						
2011/03/26	02:57:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/03/26	04:04:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/03/26	04:33:30.0	XRT_Custom_418_OG [0x1a2]	XRT_CTRL_AUTO_419_OG [0x1a3]						
2011/03/26	04:34:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/03/26	05:45:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/03/26	06:11:00.0	XRT_Custom_418_OG [0x1a2]	XRT_CTRL_AUTO_419_OG [0x1a3]						
2011/03/26	06:12:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/03/26	06:20:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/03/26	06:20:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00		
2011/03/26	06:21:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00	00 00		

2011/03/26	06:21:16.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2011/03/26	06:21:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2011/03/26	06:21:20.0	XRT_ARS_DIS_438_OG [0x1b6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2011/03/26	06:23:58.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d		
2011/03/26	06:24:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/03/26	06:30:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/03/26	06:30:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2011/03/26	06:31:00.0	AOCs_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	03	00	00	00
2011/03/26	06:31:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2011/03/26	06:31:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2011/03/26	06:31:20.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2011/03/26	06:31:22.0	XRT_ARS_DIS_437_OG [0x1b5]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2011/03/26	06:33:54.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2011/03/26	06:33:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03		
2011/03/26	06:33:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0f		
2011/03/26	06:34:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/03/26	07:25:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/03/26	07:48:30.0	XRT_Custom_418_OG [0x1a2]							
2011/03/26	07:49:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/03/26	09:05:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/03/26	09:24:30.0	XRT_Custom_418_OG [0x1a2]							
2011/03/26	09:25:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/03/26	10:47:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/03/26	10:59:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/03/26	10:59:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2011/03/26	11:00:00.0	AOCs_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	54	00	00
2011/03/26	11:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2011/03/26	11:00:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2011/03/26	11:00:20.0	XRT_AEC_RESET_414_OG [0x19e]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2011/03/26	11:00:22.0	XRT_ARS_DIS_437_OG [0x1b5]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2011/03/26	11:02:54.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2011/03/26	11:02:56.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01		
2011/03/26	11:02:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0f		
2011/03/26	11:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/03/26	14:33:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/03/26	14:43:00.0	XRT_Custom_418_OG [0x1a2]							
2011/03/26	14:44:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/03/26	16:07:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/03/26	16:31:00.0	XRT_Custom_418_OG [0x1a2]							
2011/03/26	16:32:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/03/26	17:44:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/03/26	18:07:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/03/26	18:07:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2011/03/26	18:08:00.0	AOCs_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	00	00	00
2011/03/26	18:08:16.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2011/03/26	18:08:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2011/03/26	18:08:20.0	XRT_ARS_DIS_438_OG [0x1b6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2011/03/26	18:10:58.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d		
2011/03/26	18:11:00.0	XRT_CTRL_AUTO_406_OG [0x196]							

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2011/03/26	18:17:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/26	18:17:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/26	18:18:00.0	AOCS_Orе-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2011/03/26	18:18:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	03 00 00 00 00	
2011/03/26	18:18:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2011/03/26	18:18:20.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2011/03/26	18:18:22.0	XRT_ARS_DIS_437_OG [0x1b5]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2011/03/26	18:20:54.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2011/03/26	18:20:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2011/03/26	18:20:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03	
2011/03/26	18:21:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0f	
2011/03/26	19:21:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/26	19:44:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/26	19:45:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/26	20:58:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/26	21:22:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/26	21:23:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/26	22:36:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/26	22:57:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/26	22:58:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/27	00:13:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/27	00:21:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/27	00:22:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/27	01:37:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/27	01:56:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/27	01:57:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/27	03:12:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/27	03:33:00.5	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/27	03:34:00.5	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/27	04:42:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/27	05:10:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/27	05:11:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/27	05:54:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/27	05:54:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/27	05:55:00.0	AOCS_Orе-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2011/03/27	05:55:16.0	XRT_FLD_DIS_402_OG [0x192]	AOCU_NM	5	02-76	00 00 00 00 00	
2011/03/27	05:55:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2011/03/27	05:55:20.0	XRT_ARS_DIS_438_OG [0x1b6]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2011/03/27	05:57:58.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2011/03/27	05:58:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d	
2011/03/27	06:04:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/27	06:04:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/27	06:05:00.0	AOCS_Orе-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2011/03/27	06:05:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	03 00 00 00 00	
2011/03/27	06:05:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2011/03/27	06:05:20.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2011/03/27	06:05:22.0	XRT_ARS_DIS_437_OG [0x1b5]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2011/03/27	06:07:54.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2011/03/27	06:07:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2011/03/27	06:07:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03	

2011/03/27	06:22:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0f
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/27	06:48:00.0	XRT_Custom_418_OG [0x1a2]					
2011/03/27	06:49:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/27	08:03:00.0	XRT_CTRL_MANU_408_OG [0x198]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/27	08:25:00.0	XRT_Custom_418_OG [0x1a2]					
2011/03/27	08:26:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/27	09:43:00.0	XRT_CTRL_MANU_408_OG [0x198]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/27	09:59:30.0	XRT_Custom_418_OG [0x1a2]					
2011/03/27	10:00:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/27	15:08:00.0	XRT_CTRL_MANU_408_OG [0x198]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/27	15:31:00.0	XRT_Custom_418_OG [0x1a2]					
2011/03/27	15:32:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/27	16:43:30.0	XRT_CTRL_MANU_408_OG [0x198]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/27	17:07:30.0	XRT_Custom_418_OG [0x1a2]					
2011/03/27	17:08:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/27	17:57:24.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/27	17:57:26.0	XRT_FOCUS_POSITION_401_OG [0x191]					
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2011/03/27	17:57:30.0	AOCS_OrE-point_Start_2_OG [0x098]					
			AOCU_NM	5	02-76	00 00 00 00	00
2011/03/27	17:57:46.0	XRT_FLD_DIS_402_OG [0x192]					
			MDP_XRT_FLD_DIS	1	07-F0	d9	
2011/03/27	17:57:48.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]					
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2011/03/27	17:57:50.0	XRT_ARS_DIS_438_OG [0x1b6]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2011/03/27	18:00:28.0	XRT_QT_PROG_SET_407_OG [0x197]					
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d	
2011/03/27	18:00:30.0	XRT_CTRL_AUTO_406_OG [0x196]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/27	18:07:24.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/27	18:07:26.0	XRT_FOCUS_POSITION_409_OG [0x199]					
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00
2011/03/27	18:07:30.0	AOCS_OrE-point_Start_1_OG [0x097]					
			AOCU_NM	5	02-76	03 00 00 00	00
2011/03/27	18:07:46.0	XRT_FLD_ENA_411_OG [0x19b]					
			MDP_XRT_FLD_ENA	1	07-F0	d8	
2011/03/27	18:07:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]					
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2011/03/27	18:07:50.0	XRT_AEC_RESET_443_OG [0x1bb]					
			MDP_XRT_AEC_RESET	1	07-F0	d0	
2011/03/27	18:07:52.0	XRT_ARS_DIS_437_OG [0x1b5]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2011/03/27	18:10:24.0	XRT_FLD_RESET_412_OG [0x19c]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2011/03/27	18:10:26.0	XRT_QT_PROG_SET_434_OG [0x1b2]					
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 03	
2011/03/27	18:10:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]					
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 0f	
2011/03/27	18:21:00.0	XRT_CTRL_MANU_408_OG [0x198]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/27	18:44:30.0	XRT_Custom_418_OG [0x1a2]					
2011/03/27	18:45:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/27	19:58:00.0	XRT_CTRL_MANU_408_OG [0x198]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/27	20:21:30.0	XRT_Custom_418_OG [0x1a2]					
2011/03/27	20:22:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/27	21:35:30.0	XRT_CTRL_MANU_408_OG [0x198]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/27	21:58:00.0	XRT_Custom_418_OG [0x1a2]					
2011/03/27	21:59:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/27	23:13:00.0	XRT_CTRL_MANU_408_OG [0x198]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/27	23:29:30.0	XRT_Custom_418_OG [0x1a2]					
2011/03/27	23:30:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/28	00:47:30.0	XRT_CTRL_MANU_408_OG [0x198]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/28	00:56:30.0	XRT_Custom_418_OG [0x1a2]					
2011/03/28	00:57:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/28	02:12:30.0	XRT_CTRL_MANU_408_OG [0x198]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/03/28	02:32:30.0	XRT_Custom_418_OG [0x1a2]					
2011/03/28	02:33:30.5	XRT_CTRL_AUTO_419_OG [0x1a3]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/03/28	03:42:00.0	XRT_CTRL_MANU_408_OG [0x198]					

2011/03/28	04:10:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/03/28	04:11:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/03/28	05:20:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/03/28	05:59:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/03/28	05:59:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00	
2011/03/28	06:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00	00 00	
2011/03/28	06:00:16.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2011/03/28	06:00:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2011/03/28	06:00:20.0	XRT_ARS_DIS_438_OG [0x1b6]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2011/03/28	06:02:58.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d	
2011/03/28	06:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/03/28	06:09:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/03/28	06:09:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00	
2011/03/28	06:10:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	03 00 00 00	00 00	
2011/03/28	06:10:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2011/03/28	06:10:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2011/03/28	06:10:20.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2011/03/28	06:10:22.0	XRT_ARS_DIS_437_OG [0x1b5]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2011/03/28	06:12:54.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da		
2011/03/28	06:12:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03	
2011/03/28	06:12:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0f	
2011/03/28	06:13:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/03/28	07:00:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/03/28	07:25:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/03/28	07:26:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/03/28	08:40:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/03/28	09:01:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/03/28	09:02:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/03/28	10:22:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/03/28	10:32:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/03/28	10:33:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/03/28	14:12:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/03/28	14:16:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/03/28	14:17:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/03/28	15:44:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/03/28	16:07:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/03/28	16:08:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/03/28	17:20:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/03/28	17:59:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/03/28	17:59:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00	
2011/03/28	18:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00	00 00	
2011/03/28	18:00:16.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2011/03/28	18:00:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2011/03/28	18:00:20.0	XRT_ARS_DIS_438_OG [0x1b6]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2011/03/28	18:02:58.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d	
2011/03/28	18:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/03/28	18:09:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/03/28	18:09:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00	
2011/03/28	18:10:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	03 00 00 00	00 00	

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2011/03/28	18:10:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2011/03/28	18:10:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2011/03/28	18:10:20.0	XRT_AEC_RESET_443_OG [0x1bb]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2011/03/28	18:10:22.0	XRT_ARS_DIS_437_OG [0x1b5]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2011/03/28	18:12:54.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2011/03/28	18:12:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2011/03/28	18:12:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0f
2011/03/28	18:13:00.0	XRT_CTRL_AUTO_406_OG [0x196]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/03/28	18:57:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/28	19:21:00.0	XRT_Custom_418_OG [0x1a2]			
2011/03/28	19:22:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/03/28	20:34:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/28	20:58:30.0	XRT_Custom_418_OG [0x1a2]			
2011/03/28	20:59:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/03/28	22:12:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/28	22:34:00.0	XRT_Custom_418_OG [0x1a2]			
2011/03/28	22:35:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/03/28	23:49:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/29	00:00:00.0	XRT_Custom_418_OG [0x1a2]			
2011/03/29	00:01:00.5	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/03/29	01:15:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/29	01:32:30.0	XRT_Custom_418_OG [0x1a2]			
2011/03/29	01:33:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/03/29	02:48:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/29	03:09:30.0	XRT_Custom_418_OG [0x1a2]			
2011/03/29	03:10:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/03/29	04:18:00.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/29	04:46:30.0	XRT_Custom_418_OG [0x1a2]			
2011/03/29	04:47:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/03/29	05:30:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/29	05:30:56.0	XRT_FOCUS_POSITION_401_OG [0x191]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2011/03/29	05:31:00.5	AOCs_OrE-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2011/03/29	05:31:16.0	XRT_FLD_DIS_402_OG [0x192]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2011/03/29	05:31:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2011/03/29	05:31:20.0	XRT_ARS_DIS_438_OG [0x1b6]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2011/03/29	05:33:58.0	XRT_QT_PROG_SET_407_OG [0x197]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2011/03/29	05:34:00.0	XRT_CTRL_AUTO_406_OG [0x196]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/03/29	05:40:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/29	05:40:56.0	XRT_FOCUS_RECALIBRATE_432_OG [0x1b0]			
		XRT_FOCUS_RECAL	2	07-F8	78 00
2011/03/29	05:41:00.0	AOCs_OrE-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	03 00 00 00 00
2011/03/29	05:44:56.0	XRT_FOCUS_POSITION_409_OG [0x199]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2011/03/29	05:45:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2011/03/29	05:45:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2011/03/29	05:45:20.0	XRT_AEC_RESET_443_OG [0x1bb]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2011/03/29	05:45:22.0	XRT_ARS_DIS_403_OG [0x193]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2011/03/29	05:45:24.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2011/03/29	05:45:26.0	XRT_QT_PROG_SET_434_OG [0x1b2]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2011/03/29	05:45:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0f
2011/03/29	05:58:00.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/03/29	06:24:30.0	XRT_Custom_418_OG [0x1a2]			
2011/03/29	06:25:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]			

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2011/03/29	07:38:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/03/29	08:01:30.0	XRT_Custom_418_OG [0x1a2]						
2011/03/29	08:02:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/03/29	09:18:30.0	XRT_CTRL_MANU_408_OG [0x198]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/03/29	09:37:00.0	XRT_Custom_418_OG [0x1a2]						
2011/03/29	09:38:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/03/29	14:45:30.0	XRT_CTRL_MANU_408_OG [0x198]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/03/29	14:56:30.0	XRT_Custom_418_OG [0x1a2]						
2011/03/29	14:57:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/03/29	16:20:00.0	XRT_CTRL_MANU_408_OG [0x198]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/03/29	16:44:00.0	XRT_Custom_418_OG [0x1a2]						
2011/03/29	16:45:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/03/29	17:57:00.0	XRT_CTRL_MANU_408_OG [0x198]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/03/29	18:20:24.0	XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/03/29	18:20:26.0	XRT_FOCUS_POSITION_401_OG [0x191]						
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2011/03/29	18:20:30.0	AOCS_ORe-point_Start_2_OG [0x098]						
			AOCU_NM	5	02-76	00 00 00 00 00		
2011/03/29	18:20:46.0	XRT_FLD_DIS_402_OG [0x192]						
			MDP_XRT_FLD_DIS	1	07-F0	d9		
2011/03/29	18:20:48.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]						
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2011/03/29	18:20:50.0	XRT_ARS_DIS_438_OG [0x1b6]						
			MDP_XRT_ARS_DIS	1	07-F0	d5		
2011/03/29	18:23:28.0	XRT_QT_PROG_SET_407_OG [0x197]						
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d		
2011/03/29	18:23:30.0	XRT_CTRL_AUTO_406_OG [0x196]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/03/29	18:30:24.0	XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/03/29	18:30:30.0	AOCS_ORe-point_Start_1_OG [0x097]						
			AOCU_NM	5	02-76	03 00 00 00 00		
2011/03/29	23:32:00.0	AOCS_ORe-point_Start_2_OG [0x098]						
			AOCU_NM	5	02-76	00 00 00 00 00		