

XRT Timeline to be uploaded on 2010/06/26

Period: 2010/06/26 10:40:00 - 2010/07/01 10:46:00

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Normal mode

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XOB #17D4: AR Dynamics- Ti/Poly(384FOV) AEC2_3 Q95, G-band(512FOV) - 3min cadence												
Term	Pointing (x, y)							Comment				
06/26 10:54:07 - 06/26 11:59:30	Track (-400.7, 184.7) ^{Ⓜ 06/26 10:50:00}	# OP start + 10min										
06/26 18:09:30 - 06/26 23:28:30	Track (-341.8, 183.2) ^{Ⓜ 06/26 18:06:30}	#										
06/27 10:13:00 - 06/27 17:32:00	Track (-206.1, 180.3) ^{Ⓜ 06/27 10:10:00}	#										
PROG= 14 Inf.-time(s)												
└─ Subr= 1 1-time(s) 30.0sec												
└─┬─ Seqn= 27 1-time(s) 30.0sec												
└─┬─┬─ Open/G-band Open/G-band open Safe Norm 63ms Obs 1x1 512x512 (1064, 1048) Q=98 0 0 2.0sec												
└─ Subr= 2 15-time(s) 180.0sec												
└─┬─ Seqn= 25 1-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												
└─┬─ Seqn= 26 1-time(s) 2.0sec												
└─┬─┬─ Open/Ti-poly Open/thick-Al close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 2 0 2.0sec												
└─ Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

XOB #17B8: Coronal cavity Al/mesh, Ti/poly, G-band-DPCM 2x2-768X768-FOV -AEC2-3min cadence												
Term	Pointing (x, y)							Comment				
06/26 13:03:00 - 06/26 17:56:24	Fixed (445.0, 780.0)	HOP 73 (prominence)										
PROG= 16 Inf.-time(s)												
└─ Subr= 2 1-time(s) 2.0sec												
└─┬─ Seqn= 31 1-time(s) 2.0sec												
└─┬─┬─ Open/G-band Open/G-band open Safe Norm 63ms Obs 1x1 512x512 (1152, 1152) Q=95 0 0 2.0sec												
└─ Subr= 1 20-time(s) 180.0sec												
└─┬─ Seqn= 30 1-time(s) 2.0sec												
└─┬─┬─ Open/Al-mesh Open/Ti-poly close Safe Norm 1.00s Obs 2x2 768x768 (1152, 1152) DPCM 2 0 2.0sec												
└─┬─ Seqn= 29 1-time(s) 2.0sec												
└─┬─┬─ Open/Ti-poly Open/thick-Al close Safe Norm 4.00s Obs 2x2 768x768 (1152, 1152) DPCM 2 0 2.0sec												
└─ Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

XOB #17B9: Synoptic Q95 2x2 - Al/mesh(16/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(33/2048) + G-band(16)												
Term	Pointing (x, y)							Comment				
06/26 17:59:30 - 06/26 18:06:24	Fixed (0.0, 0.0)	synoptic, shifted -3.5 min										
06/27 10:03:00 - 06/27 10:09:54	Fixed (0.0, 0.0)	synoptic, shifted -34.0 min										
06/27 18:19:00 - 06/27 18:25:54	Fixed (0.0, 0.0)	synoptic, shifted 16.0 min										
PROG= 03 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= 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 #17DB: HOP 161 AR loops oscillations - Al/mesh (AEC1),Thick/Al (fixed 65s), G-band Context FOV 384x512 Q95 (1min)												
Term	Pointing (x, y)							Comment				
06/27 00:03:00 - 06/27 09:13:00	Fixed (820.0, 397.5)	HOP 161										
PROG= 13 Inf.-time(s)												
└─ Subr= 2 1-time(s) 2.0sec												
└─┬─ Seqn= 1 1-time(s) 2.0sec												
└─┬─┬─ Open/G-band Open/G-band open Safe Norm 63ms Obs 1x1 512x512 (1024, 1024) Q=98 0 0 2.0sec												
└─ Subr= 1 60-time(s) 60.0sec												
└─┬─ Seqn= 46 1-time(s) 4.0sec												
└─┬─┬─ Open/Al-mesh Open/Ti-poly close Safe Norm 250ms Obs 1x1 384x512 (1024, 1024) Q=95 1 0 2.0sec												
└─┬─┬─ Open/thick-Al Open/thick-Al close Safe Norm 64.0s Obs 1x1 384x512 (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 #17DF: HOP146 2-filter - Ti/poly 4s, Al/mesh 2s, G-band - 512FOV 5min cadence - Q90-AEC2												
Term	Pointing (x, y)							Comment				
06/27 18:29:06 - 06/27 23:59:54	Fixed (0.0, 400.0)	HOP146 (CH boundary in northern hemisphere)										
06/28 18:07:30 - 06/28 23:04:30	Fixed (0.0, 400.0)	HOP146 (CH boundary in northern hemisphere)										

PROG= 19 Inf.-time(s)												
Subr= 1	1-time(s)	2.0sec										
└─ Seqn= 3	1-time(s)	2.0sec										
└─ Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
Subr= 2	4-time(s)	300.0sec										
└─ Seqn= 53	2-time(s)	30.0sec										
└─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1064, 1048)	Q=90	2	0	2.0sec
└─ Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	4.00s	Obs	1x1	384x384 (1064, 1048)	Q=90	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #17DE: AR Dynamics- Ti/Poly(384FOV) AEC2_3 (center 1024) Q95, G-band(512FOV) - 45sec cadence												
Term	Pointing (x, y)		Comment									
06/28 00:03:00 - 06/28 06:01:24	Track (-85.1, 178.4) @ 06/28 00:00:00											
06/28 10:33:00 - 06/28 17:54:24	Track (7.9, 177.4) @ 06/28 10:30:00											
06/29 00:03:00 - 06/29 05:29:00	Track (127.2, 176.8) @ 06/29 00:00:00											
06/29 06:27:30 - 06/29 10:22:05	Track (183.1, 176.7) @ 06/29 06:24:30 #											

PROG= 18 Inf.-time(s)												
Subr= 1	1-time(s)	30.0sec										
└─ Seqn= 3	1-time(s)	30.0sec										
└─ Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
Subr= 2	15-time(s)	45.0sec										
└─ Seqn= 50	1-time(s)	2.0sec										
└─ Open/Ti-poly	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	768x768 (1152, 1152)	Q=95	3	0	2.0sec
└─ Seqn= 51	1-time(s)	2.0sec										
└─ Open/Ti-poly	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	768x768 (1152, 1152)	Q=95	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #17DC: Synoptic Q95 2x2 - Al/mesh(33/512) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(64/1024) + G-band(12)												
Term	Pointing (x, y)		Comment									
06/28 06:04:30 - 06/28 06:11:24	Fixed (0.0, 0.0)		synoptic, shifted 1.5 min									
06/28 17:57:30 - 06/28 18:04:24	Fixed (0.0, 0.0)		synoptic, shifted -5.5 min									
06/29 06:17:30 - 06/29 06:24:24	Fixed (0.0, 0.0)		synoptic, shifted 14.5 min									

PROG= 17 1-time(s)												
Subr= 1	1-time(s)	12.0sec										
└─ Seqn= 49	1-time(s)	4.0sec										
└─ Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	32ms	Obs	2x2	512x512 (1064, 1048)	Q=95	0	0	2.0sec
└─ Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	500ms	Obs	2x2	512x512 (1064, 1048)	Q=95	0	0	2.0sec
└─ Seqn= 48	1-time(s)	2.0sec										
└─ Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	512x512 (1064, 1048)	Q=98	0	0	2.0sec
└─ Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	512x512 (1064, 1048)	Q=98	0	0	2.0sec
└─ Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	512x512 (1064, 1048)	Q=98	0	0	2.0sec
└─ Seqn= 54	1-time(s)	4.0sec										
└─ Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	24ms	Obs	2x2	512x512 (1064, 1048)	Q=95	0	0	2.0sec
└─ Open/Ti-poly	Open/thick-Al	close	Safe	Norm	1.00s	Obs	2x2	512x512 (1064, 1048)	Q=95	0	0	2.0sec
└─ Seqn= 52	1-time(s)	2.0sec										
└─ Open/G-band	Open/G-band	open	Safe	Norm	12ms	Obs	2x2	512x512 (1064, 1048)	Q=95	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #16AD: G-Band Alignment with East limb Q90 2x2 (G-band only) - 8 min cadence-wNGT												
Term	Pointing (x, y)		Comment									
06/28 06:14:30 - 06/28 08:11:24	Fixed (-945.0, 0.0)		Co-alignment at East limb									

PROG= 12 1-time(s)												
Subr= 1	1-time(s)	360.0sec										
└─ Seqn= 22	15-time(s)	480.0sec										
└─ Open/G-band	Open/G-band	open	Safe	Norm	16ms	Obs	2x2	512x512 (1152, 1152)	Q=90	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #16AC: G-Band Alignment with North Pole Q90 2x2(G-band only) - 5min cadence - Partial Sun-wNGT												
Term	Pointing (x, y)		Comment									
06/28 08:14:30 - 06/28 10:29:54	Fixed (0.0, 945.0)		Co-alignment at North limb									

PROG= 11 1-time(s)												
Subr= 1	1-time(s)	360.0sec										
└─ Seqn= 21	24-time(s)	300.0sec										
└─ Open/G-band	Open/G-band	open	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 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 #1776: Flare Response short exp at first- Dynamics - Thick-Al - Thick-Be - AEC 1 - 384x384 - Q95												
Term	Pointing (x, y)		Comment									
06/26 10:54:07 - 06/26 11:59:30	Track (-400.7, 184.7) @ 06/26 10:50:00		# OP start + 10min									
06/26 13:03:00 - 06/26 17:56:24	Fixed (445.0, 780.0)		HOP 73 (prominence)									
06/26 18:09:30 - 06/26 23:28:30	Track (-341.8, 183.2) @ 06/26 18:06:30		#									
06/27 00:03:00 - 06/27 09:13:00	Fixed (820.0, 397.5)		HOP 161									
06/27 10:13:00 - 06/27 17:32:00	Track (-206.1, 180.3) @ 06/27 10:10:00		#									

06/27 18:29:06 - 06/27 23:59:54 Fixed (0.0, 400.0) HOP146 (CH boundary in northern hemisphere)
 06/28 00:03:00 - 06/28 06:01:24 Track (-85.1, 178.4) @ 06/28 00:00:00
 06/28 10:33:00 - 06/28 17:54:24 Track (7.9, 177.4) @ 06/28 10:30:00
 06/28 18:07:30 - 06/28 23:04:30 Fixed (0.0, 400.0) HOP146 (CH boundary in northern hemisphere)
 06/29 00:03:00 - 06/29 05:29:00 Track (127.2, 176.8) @ 06/29 00:00:00
 06/29 06:27:30 - 06/29 10:22:05 Track (183.1, 176.7) @ 06/29 06:24:30 #

PROG= 01 1-time(s)

Subr=	1-time(s)	2-time(s)	2.0sec													
Seqn= 9 15-time(s) 20.0sec				Open/thick-Al	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
				Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
Seqn= 2 1-time(s) 4.0sec				Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Subr= 2 8-time(s) 2.0sec																
Seqn= 9 15-time(s) 60.0sec				Open/thick-Al	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
				Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
Seqn= 2 1-time(s) 4.0sec				Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Subr= 3 25-time(s) 2.0sec																
Seqn= 9 1-time(s) 600.0sec				Open/thick-Al	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
				Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
Seqn= 2 1-time(s) 4.0sec				Open/G-band	Open/G-band	open	Safe	Norm	63ms	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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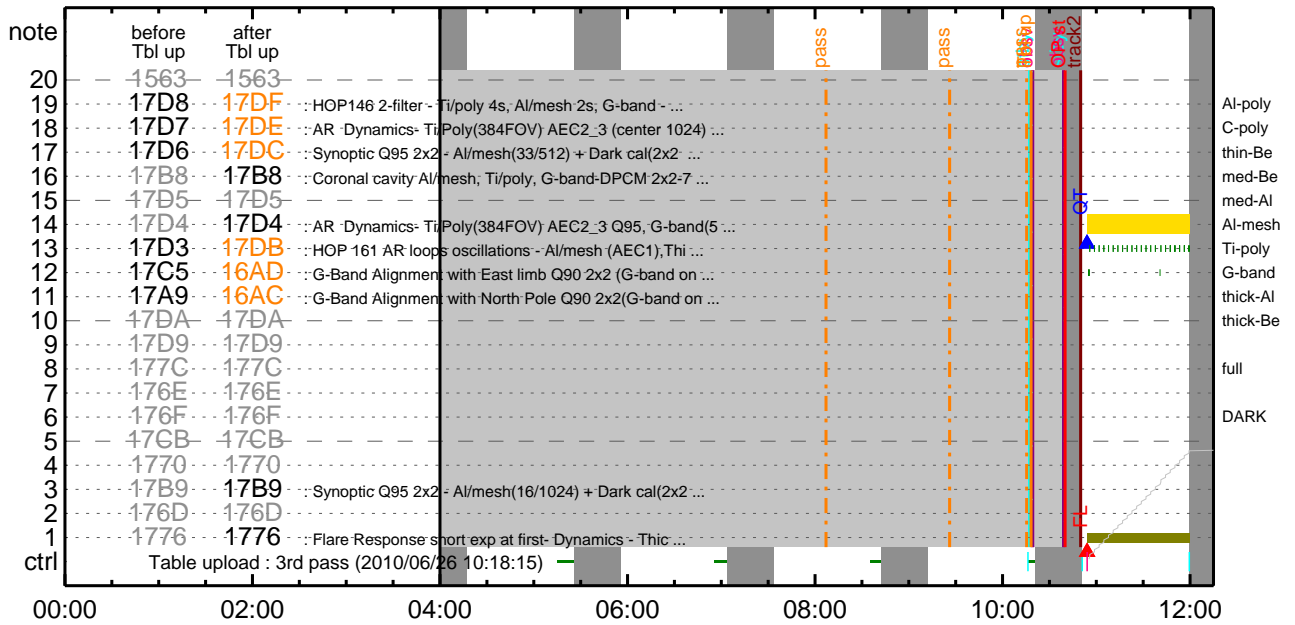
Flare Detection

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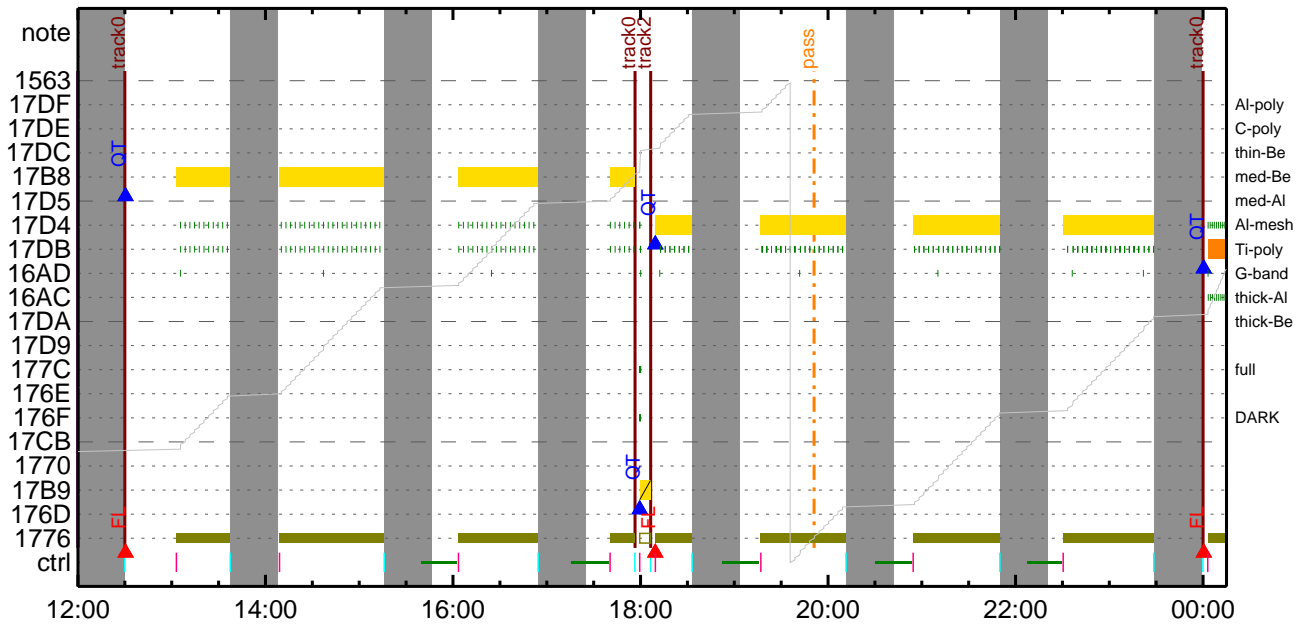
FLD Patrol

Term	Pointing (x, y)	Comment													
06/26 10:51:23 - 06/26 17:56:46	Track (-400.7, 184.7) @ 06/26 10:50:00	# OP start + 10min													
06/26 18:06:46 - 06/27 10:00:16	Track (-341.8, 183.2) @ 06/26 18:06:30	#													
06/27 10:10:16 - 06/27 18:16:16	Track (-206.1, 180.3) @ 06/27 10:10:00	#													
06/27 18:26:16 - 06/28 06:01:46	Fixed (0.0, 400.0)	HOP146 (CH boundary in northern hemisphere)													
06/28 10:30:18 - 06/28 17:54:46	Track (7.9, 177.4) @ 06/28 10:30:00	#													
06/28 18:04:46 - 06/29 06:14:46	Fixed (0.0, 400.0)	HOP146 (CH boundary in northern hemisphere)													
06/29 06:24:46 - 07/01 10:46:00	Track (183.1, 176.7) @ 06/29 06:24:30	#													
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	8ms	Obs	8x8	ROI: size (center)	Q=50	30sec					
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval				

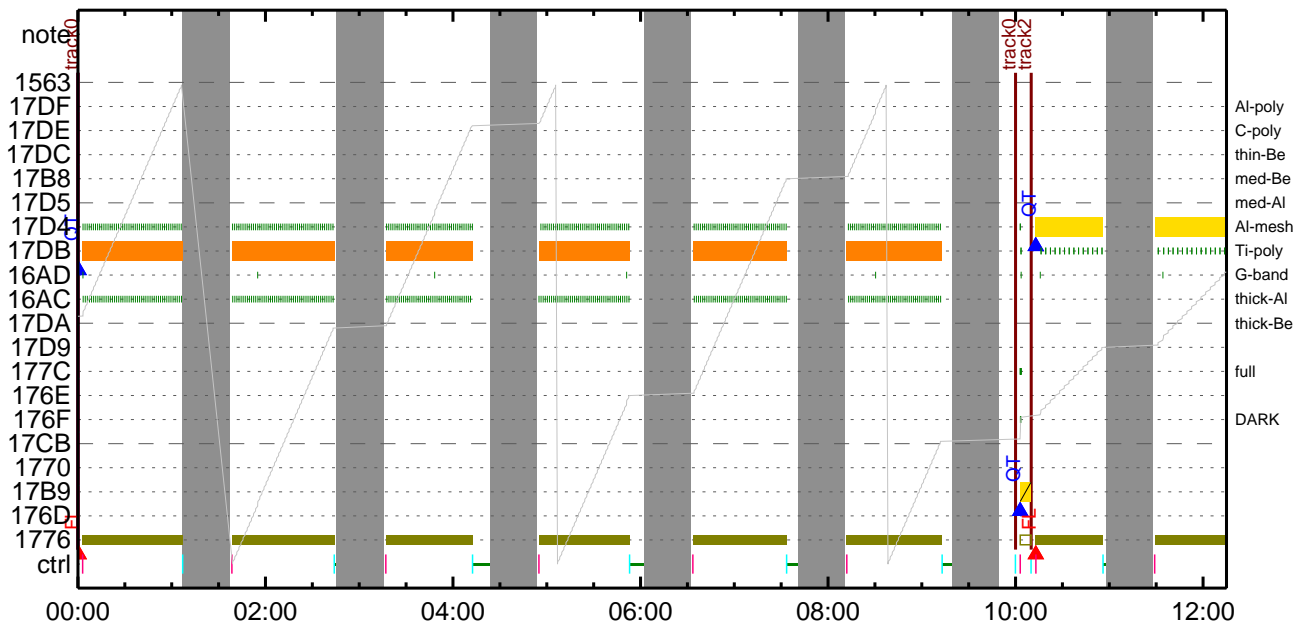
CMDI #0340 2010/06/26



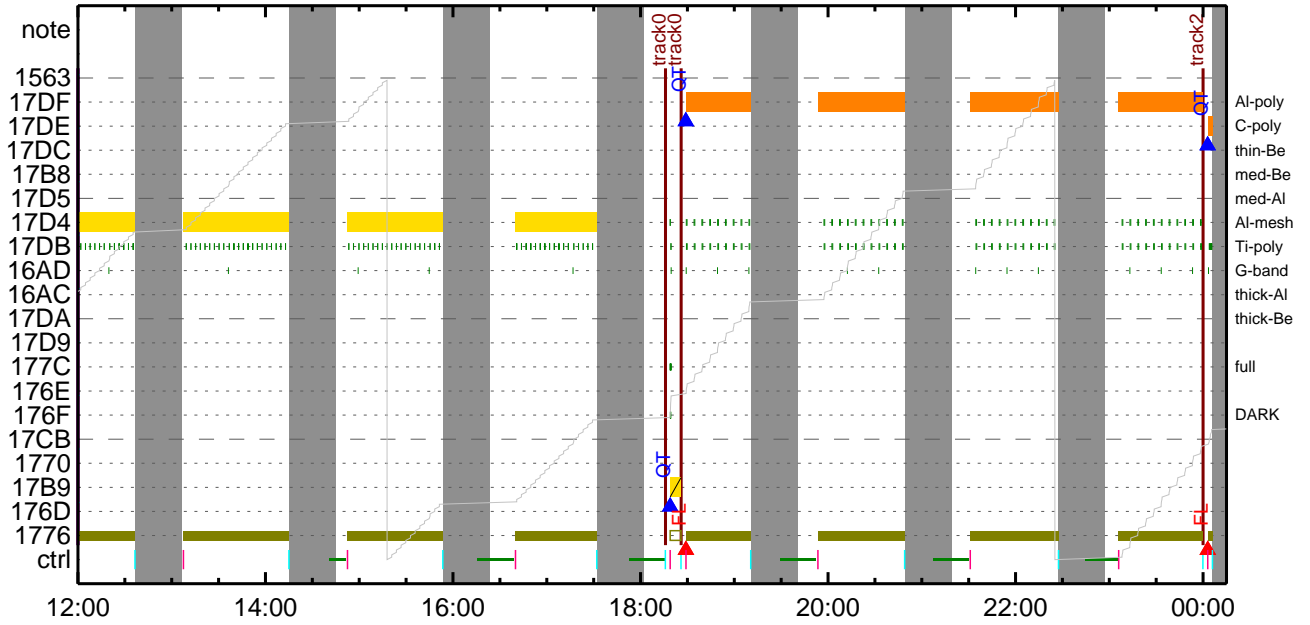
CMDI #0340 2010/06/26



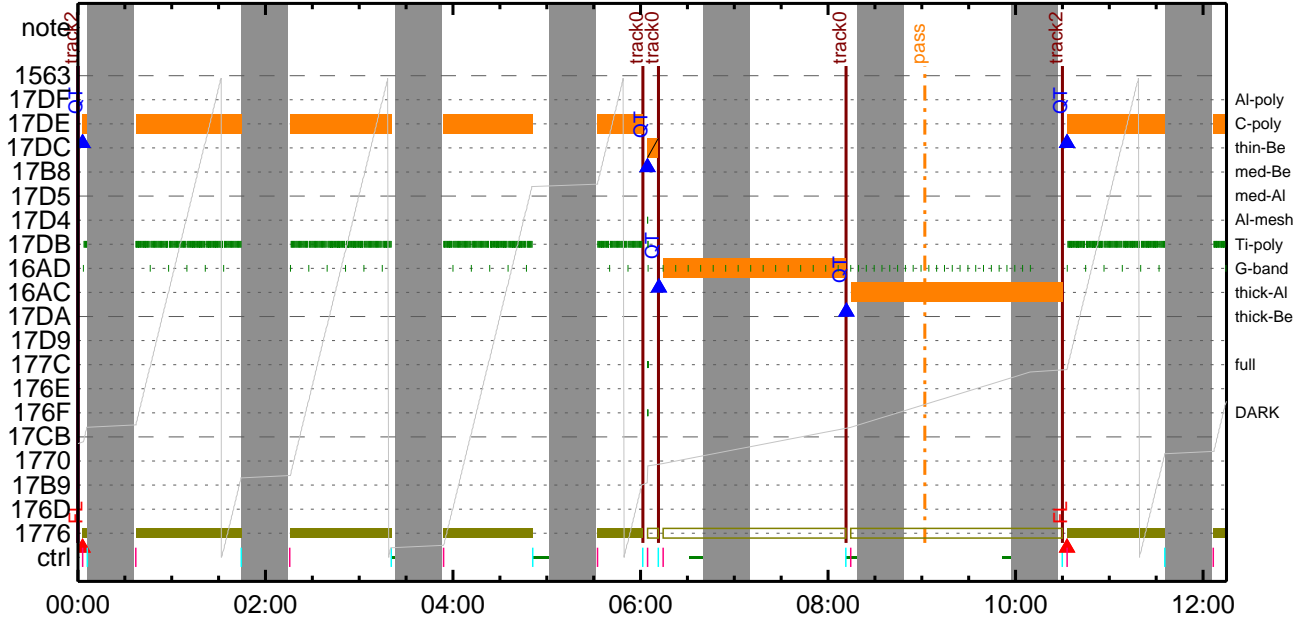
CMDI #0340 2010/06/27



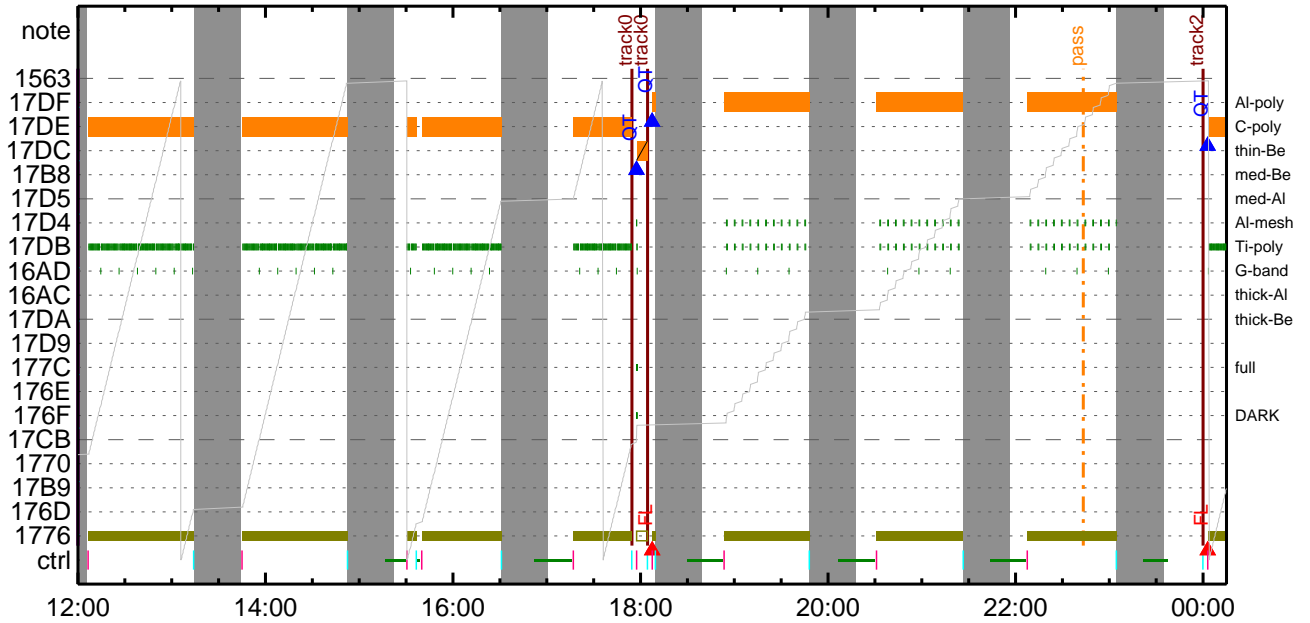
CMDI #0340 2010/06/27



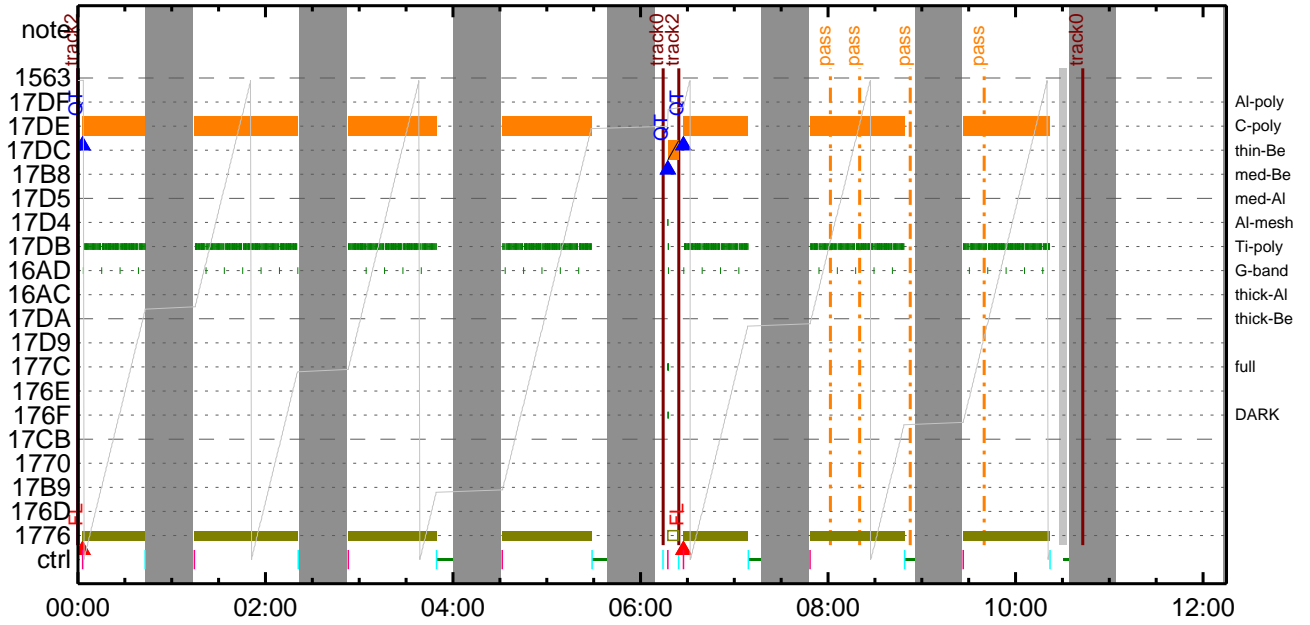
CMDI #0340 2010/06/28



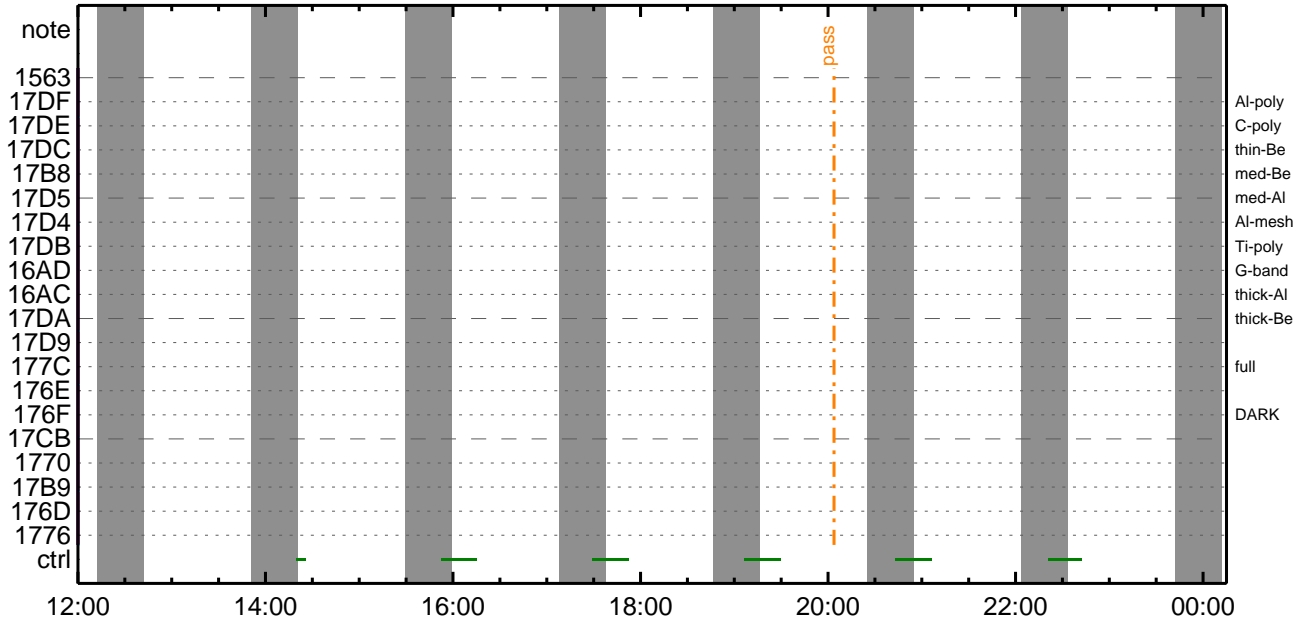
CMDI #0340 2010/06/28



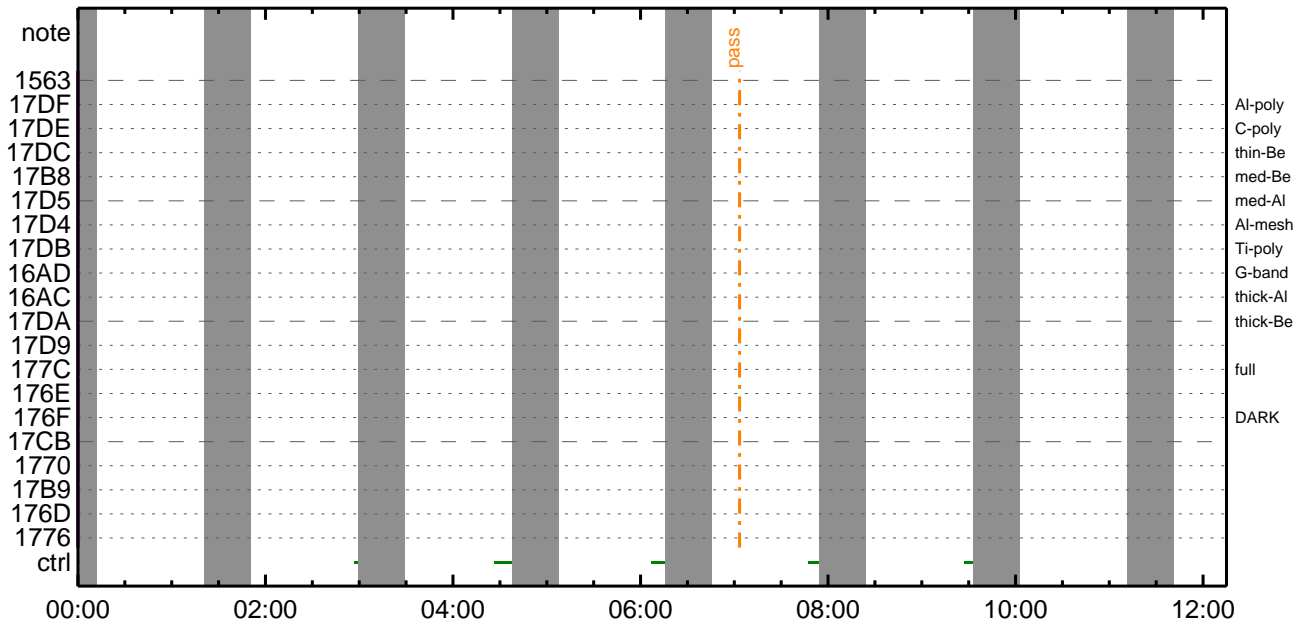
CMDI #0340 2010/06/29



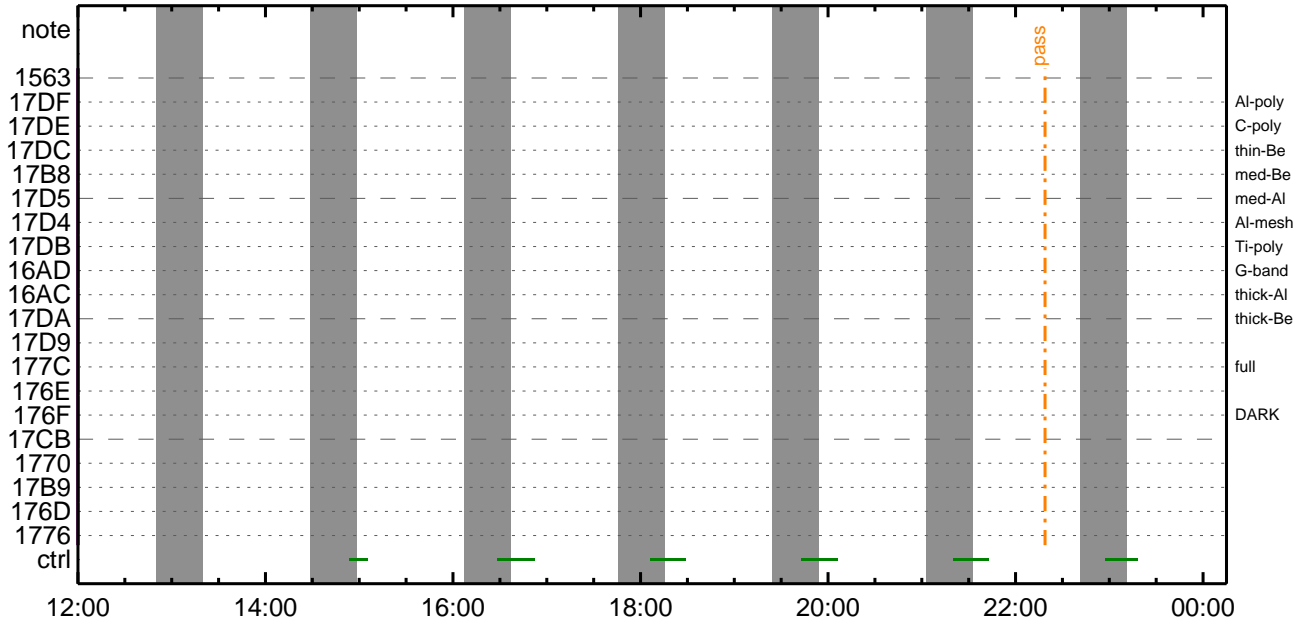
CMDI #0340 2010/06/29



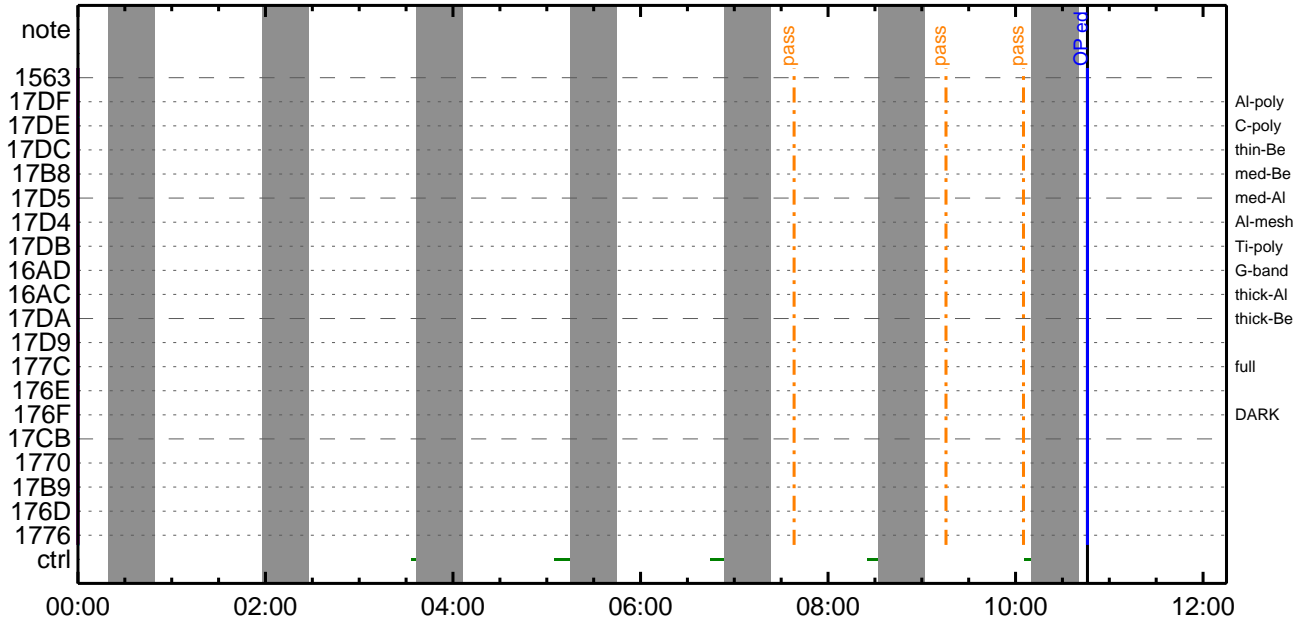
CMDI #0340 2010/06/30



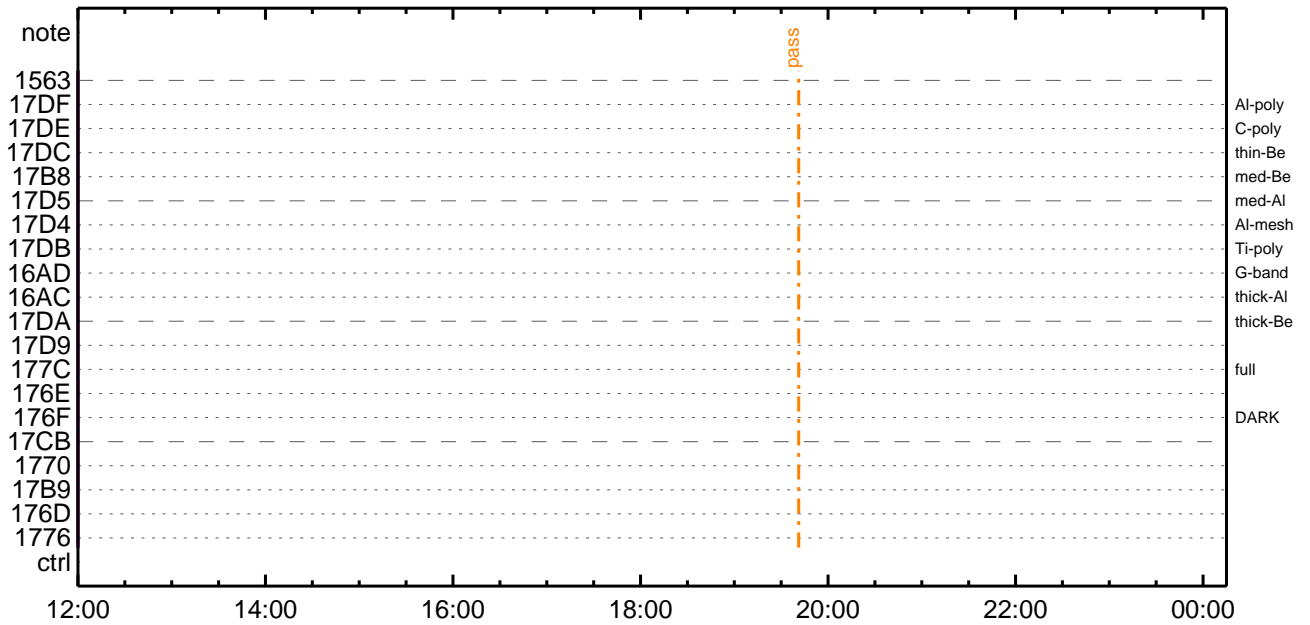
CMDI #0340 2010/06/30



CMDI #0340 2010/07/01



CMDI #0340 2010/07/01




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0096 C.          SET EDUMP I±°iYÑY¹aÇ¹Ôa|a³aE;f
0097 C.
0098 C. TIY³YFYYÖYÉaðdÄDİ¿(UT)
0099 +. TI 2010-06-26 10:35:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.          ÇÇ[HK1_TI_CMD_NUM]          EQ          1COUNTUP
0102 C.
0103 +. TI 2010-06-26 10:35:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.          ÇÇ[HK1_TI_CMD_NUM]          EQ          1COUNTUP
0106 C.
0107 +. TI 2010-06-26 10:35:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.          ÇÇ[HK1_TI_CMD_NUM]          EQ          1COUNTUP
0110 C.
0111 +. TI 2010-06-26 10:39:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.          ÇÇ[HK1_TI_CMD_NUM]          EQ          1COUNTUP
0114 C.
0115 C. °E²¼aİÄè%îÍÑaİYÁY§YÄY-¹àìÜ
0116 C.          ÇÇ[HK1_TI_CMD_ENA/DIS]       EQ          ENA
0117 C.          ÇÇ[HK1_TI_CMD_NUM]         EQ          4
0118 C.          ÇÇ[HK1_NEXT_EXEC_PIM]      EQ          DHU
0119 C.          ÇÇ[HK1_NEXT_EXEC_DC]      EQ          0xB3
0120 C.
0121 C. *****
0122 C. TIİî°èYÄYÖY×
0123 C. *****
0124 C.
0125 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0126 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0127 BC          (03 ab 03 01 02)
0128 C.          ÇÇ[HK1_DMP_TOP_ADRS_1]     EQ          07
0129 C.          ÇÇ[HK1_DMP_TOP_ADRS_0]     EQ          2B
0130 C.          ÇÇ[HK1_DMP_BLOCK_NUM]      EQ          3
0131 C.          ÇÇ[HK1_DMP_REPEAT_NUM]     EQ          0
0132 C.          ÇÇ[HK1_DMA_DMP_PIM]       EQ          DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC          (07 0b f8)
0135 C.          ÇÇ[HK1_PKT_FORM_NO]        EQ          7
0136 C.          ÇÇ[HK1_PKT_GEN_TIME]       EQ          0.25 s
0137 C.          ÇÇ[HK1_S_TLM_BIT_RATE]     EQ          32k
0138 C.          ÇÇ[HK1_X_TLM_BIT_RATE]    EQ          4M
0139 C.          ÇÇ[HK1_DMP_CHK_FLG]       EQ          EXEC
0140 C.
0141 C. YÄYÖY×½ªİ»að³İÇ§
0142 C.          ÇÇ[HK1_DMP_CHK_FLG]       EQ          NON
0143 C.
0144 C. RAM ID=TI_TBLaİ%È¹Ç•è²İOKað³İÇ§
0145 C.
0146 C. DHUYâ;¼YÉ;È¼Y½, Yî;¼YÈ;Èaðìãa¹
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC          (02 0a f8)
0149 C.          ÇÇ[HK1_PKT_FORM_NO]        EQ          2
0150 C.          ÇÇ[HK1_PKT_GEN_TIME]       EQ          0.5S
0151 C.          ÇÇ[HK1_S_TLM_BIT_RATE]     EQ          32K
0152 C.          ÇÇ[HK1_X_TLM_BIT_RATE]    EQ          4M
0153 C.
0154 C. Stop EIS observation and temporarily disable EIS mode changes
0155 C.
0156 C.
0157 C. ***** Start EIS operation (TI set) *****
0158 C. Execute, after the success of OP upload.
0159 C. Set EIS TI-commands
0160 +. TI 2010-06-26 10:39:30.0
0161 DC 07-FC EIS_MODE_MANU
0162 BC          (21 02)
0163 +. TI 2010-06-26 10:39:40.0
0164 DC 07-FC EIS_MODE_CHG_DIS
0165 BC          (22)
0166 C.          [ ] [HK1_TI_CMD_NUM]      EQ          2 COUNTUP
0167 C. ***** End EIS operation (TI set) *****
0168 C.
0169 C.
0170 C.
0171 C. ***** XRT START *****
0172 C. Execute, after the success of OP upload.
0173 +. TI 2010-06-26 10:39:00.0
0174 DC 07-F0 MDP_XRT_MODE_STBY
0175 BC          (c3)
0176 C.          [ ] [HK1_TI_CMD_NUM]      EQ          1COUNTUP
0177 C.
0178 C. ***** XRT END *****
0179 C.
0180 C. ***** MDP ´úÃîaİ»ö¼YªEÄa¹aèDCBC•x²è *****
0181 C. (%ã°îYÖYÄYÉYFYYÉYÄYÇYèaE¼aª¼Ä»Üa¹aè)
0182 C. S. DC-BC dcbc-402:DCBC
0183 C. (MDP_known_event)
0184 C.
0185 C.
0186 C. ***** YDÿ¹.İ Daily±¿İÑaÈ¹Øa¹aèDCBC•x²è *****
0187 C. S. DC-BC dcbc-153:DCBC
0188 C. (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0189 C.
0190 C.
0191 C. ;ãLOS¥ÁY§YÄY-¼Ä»Ü;ã
0192 C.
0193 C. ***** LOS *****

```


(a) Spacecraft Operation Procedure (real-commands)

```
main-436 2010-06-26 12:52:27 90 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È□¿□Á□•µ°È»Í×ÁÇ□ÍYçYÁY×Yí;¼YÉ;ÈÈèµ•ííÉ;È□È¼°ÇÓ□•□¿¼í¹ç□Í;çÁ®, ù□¹□è□□□çÁ+¿®□•□È□□□³□È;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 + DC 07-F0 MDP_XRT_MODE_STBY
0020 BC (c3)
0021 . C. ----- Success Verify ? OK / NG ____
0022 C.
0023 C. XRT Obs. Table Upload
0024 . S. RAM ram-291:MDP_OBS_X
0025 ( )
0026 C.
0027 +. DC 07-F0 MDP_DUMP_XRTTBL
0028 BC (84 07 00 00 00 3a d4)
0029 . C. ----- Comparison Check ? OK / ERR ____
0030 C.
0031 C.
0032 +. DC 07-F0 MDP_XRT_ROI_SET
0033 BC (cd 01 b1 b1 04 04)
0034 + DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 02 b1 b1 08 08)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 03 b1 b1 08 08)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 04 b1 b1 06 06)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 06 85 83 08 08)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 07 85 83 06 06)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 08 90 90 0c 0c)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 09 90 90 08 08)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 0a 80 80 20 20)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0b 80 80 20 08)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0c 80 80 08 20)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0d 80 80 06 08)
0056 + DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 0e 80 80 08 08)
0058 + DC 07-F0 MDP_XRT_ROI_SET
0059 BC (cd 0f 80 80 06 06)
0060 + DC 07-F0 MDP_XRT_AEC_RESET
0061 BC (d0)
0062 . C. ----- Success Verify ? OK / NG ____
0063 C.
0064 C.
0065 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0066 C.
0067 +. DC 07-F0 MDP_XRT_MODE_OBSV
0068 BC (c2)
0069 +. TI 2010-06-26 10:39:02.0
0070 DC 07-F0 MDP_XRT_MODE_OBSV
0071 BC (c2)
0072 . C. ----- Success Verify ? OK / NG ____
0073 C.
0074 C. ***** XRT END *****
0075 C.
0076 . C. ***** MDP `ûÁí□Í»ö¼Y□ÈÁ□¹□èDCBC•x²è *****
0077 C. (¼á°íYÓYÁYÈY¥YÉYáYçYè□È¼□□¼Á»Û□¹□è)
0078 . S. DC-BC dcbc-402:DCBC
0079 (MDP_known_event)
0080 C.
0081 C.
0082 . C. ***** YD¥¹•í Daily±¿ÍÑ□È´Ø□¹□èDCBC•x²è *****
0083 . S. DC-BC dcbc-153:DCBC
0084 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0085 C.
0086 C.
0087 . C. ;ãLOS¥ÁY$YÁY-¼Á»Û;ã
0088 C.
0089 . C. ***** LOS *****
0090 C.
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*** OP Sequence for XRT ***

2010/06/26	10:50:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	02	00	00	00	00
2010/06/26	10:51:01.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/26	10:51:03.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2010/06/26	10:51:23.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/06/26	10:51:25.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/06/26	10:51:27.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/06/26	10:51:29.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/06/26	10:54:03.0	XRT_QT_PROG_SET_434_OG [0x1b2]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e			
2010/06/26	10:54:05.0	XRT_FL_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	01			
2010/06/26	10:54:07.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/26	11:59:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/26	12:29:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/26	12:29:56.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2010/06/26	12:30:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	ba	a8	d8	73
2010/06/26	12:30:16.0	XRT_AEC_RESET_410_OG [0x19a]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2010/06/26	12:30:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/06/26	12:30:20.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/06/26	12:30:22.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/06/26	12:30:24.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/06/26	12:30:26.0	XRT_QT_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	10			
2010/06/26	12:30:28.0	XRT_FL_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	01			
2010/06/26	13:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/26	13:37:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/26	14:08:00.0	XRT_Custom_418_OG [0x1a2]							
2010/06/26	14:09:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/26	15:16:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/26	16:02:30.0	XRT_Custom_418_OG [0x1a2]							
2010/06/26	16:03:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/26	16:54:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/26	17:39:30.0	XRT_Custom_418_OG [0x1a2]							
2010/06/26	17:40:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/26	17:56:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/26	17:56:26.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2010/06/26	17:56:30.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	00	00	00	00
2010/06/26	17:56:46.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/06/26	17:56:48.0	XRT_FLRCTRL_DIS_403_OG [0x193]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/06/26	17:56:50.0	XRT_ARS_DIS_404_OG [0x194]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/06/26	17:59:28.0	XRT_QT_PROG_SET_407_OG [0x197]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2010/06/26	17:59:30.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/26	18:06:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/26	18:06:26.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2010/06/26	18:06:30.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	02	00	00	00	00
2010/06/26	18:06:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/06/26	18:06:48.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/06/26	18:06:50.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/06/26	18:06:52.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/06/26	18:09:26.0	XRT_QT_PROG_SET_434_OG [0x1b2]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e			

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2010/06/26	18:09:28.0	XRT_FL_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	01			
2010/06/26	18:09:30.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/26	18:33:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/26	19:16:00.0	XRT_Custom_418_OG [0x1a2]							
2010/06/26	19:17:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/26	20:11:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/26	20:53:30.0	XRT_Custom_418_OG [0x1a2]							
2010/06/26	20:54:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/26	21:50:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/26	22:29:30.0	XRT_Custom_418_OG [0x1a2]							
2010/06/26	22:30:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/26	23:28:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/26	23:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/26	23:59:56.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00			
2010/06/27	00:00:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00	dc ad b7 1b			
2010/06/27	00:00:16.0	XRT_AEC_RESET_410_OG [0x19a]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2010/06/27	00:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/06/27	00:00:20.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/06/27	00:00:22.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/06/27	00:00:24.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/06/27	00:00:26.0	XRT_QT_PROG_SET_437_OG [0x1b5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d			
2010/06/27	00:00:28.0	XRT_FL_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	01			
2010/06/27	00:03:00.5	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/27	01:07:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/27	01:37:30.0	XRT_Custom_418_OG [0x1a2]							
2010/06/27	01:38:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/27	02:44:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/27	03:16:00.0	XRT_Custom_418_OG [0x1a2]							
2010/06/27	03:17:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/27	04:12:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/27	04:54:00.0	XRT_Custom_418_OG [0x1a2]							
2010/06/27	04:55:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/27	05:53:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/27	06:32:30.0	XRT_Custom_418_OG [0x1a2]							
2010/06/27	06:33:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/27	07:33:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/27	08:11:00.0	XRT_Custom_418_OG [0x1a2]							
2010/06/27	08:12:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/27	09:13:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/27	09:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/27	09:59:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00			
2010/06/27	10:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	00 00 00 00			
2010/06/27	10:00:16.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/06/27	10:00:18.0	XRT_FLRCTRL_DIS_403_OG [0x193]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/06/27	10:00:20.0	XRT_ARS_DIS_404_OG [0x194]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/06/27	10:02:58.0	XRT_QT_PROG_SET_407_OG [0x197]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2010/06/27	10:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/27	10:09:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/27	10:09:56.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00			
2010/06/27	10:10:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	02	00 00 00 00			
2010/06/27	10:10:16.0	XRT_FLD_ENA_411_OG [0x19b]							

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2010/06/27	10:10:18.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8				
			MDP_XRT_FLD_RESET	1	07-F0	da				
2010/06/27	10:10:20.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/06/27	10:10:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/06/27	10:12:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e			
2010/06/27	10:12:58.0	XRT_FL_PROG_SET_416_OG [0x1a0]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	01			
2010/06/27	10:13:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/27	10:56:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/27	11:28:00.0	XRT_Custom_418_OG [0x1a2]								
2010/06/27	11:29:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/27	12:36:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/27	13:06:30.0	XRT_Custom_418_OG [0x1a2]								
2010/06/27	13:07:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/27	14:15:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/27	14:51:30.0	XRT_Custom_418_OG [0x1a2]								
2010/06/27	14:52:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/27	15:53:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/27	16:39:00.0	XRT_Custom_418_OG [0x1a2]								
2010/06/27	16:40:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/27	17:32:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/27	18:15:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/27	18:15:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00			
2010/06/27	18:16:00.0	AOCS_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	00 00 00 00			
2010/06/27	18:16:16.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/06/27	18:16:18.0	XRT_FLRCTRL_DIS_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/06/27	18:16:20.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/06/27	18:18:58.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2010/06/27	18:19:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/27	18:25:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/27	18:25:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00			
2010/06/27	18:26:00.0	AOCS_OrE-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00	dc 73 00 00			
2010/06/27	18:26:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/06/27	18:26:18.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da				
2010/06/27	18:26:20.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/06/27	18:26:22.0	XRT_ROI_A_417_OG [0x1a1]	MDP_XRT_ROI_SET	6	07-F0	cd	06 80 80 20 20			
			MDP_XRT_ROI_SET	6	07-F0	cd	07 80 80 08 08			
			MDP_XRT_ROI_SET	6	07-F0	cd	08 80 80 06 06			
			MDP_XRT_ROI_SET	6	07-F0	cd	09 a0 80 18 20			
			MDP_XRT_ROI_SET	6	07-F0	cd	0a 80 60 20 18			
			MDP_XRT_ROI_SET	6	07-F0	cd	0f 80 80 06 06			
2010/06/27	18:26:27.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/06/27	18:29:01.0	XRT_QT_PROG_SET_423_OG [0x1a7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13			
2010/06/27	18:29:04.0	XRT_FL_PROG_SET_416_OG [0x1a0]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	01			
2010/06/27	18:29:06.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/27	19:10:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/27	19:52:30.0	XRT_Custom_418_OG [0x1a2]								
2010/06/27	19:53:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/27	20:49:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/27	21:30:00.0	XRT_Custom_418_OG [0x1a2]								
2010/06/27	21:31:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/27	22:27:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/27	23:05:00.0	XRT_Custom_418_OG [0x1a2]								
2010/06/27	23:06:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				

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2010/06/27	23:59:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/06/27	23:59:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2010/06/28	00:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	02 00 00 00 00	
2010/06/28	00:00:16.0	XRT_AEC_RESET_410_OG [0x19a]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2010/06/28	00:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2010/06/28	00:00:20.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2010/06/28	00:00:22.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2010/06/28	00:00:24.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2010/06/28	00:02:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12	
2010/06/28	00:02:58.0	XRT_FL_PROG_SET_416_OG [0x1a0]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 01	
2010/06/28	00:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/06/28	00:06:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/06/28	00:36:00.0	XRT_Custom_418_OG [0x1a2]					
2010/06/28	00:37:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/06/28	01:44:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/06/28	02:14:30.0	XRT_Custom_418_OG [0x1a2]					
2010/06/28	02:15:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/06/28	03:20:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/06/28	03:53:00.0	XRT_Custom_418_OG [0x1a2]					
2010/06/28	03:54:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/06/28	04:51:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/06/28	05:31:30.0	XRT_Custom_418_OG [0x1a2]					
2010/06/28	05:32:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/06/28	06:01:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/06/28	06:01:26.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2010/06/28	06:01:30.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00	
2010/06/28	06:01:46.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2010/06/28	06:01:48.0	XRT_FLRCTRL_DIS_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2010/06/28	06:01:50.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2010/06/28	06:04:28.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11	
2010/06/28	06:04:30.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/06/28	06:11:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/06/28	06:11:26.0	XRT_FOCUS_POSITION_429_OG [0x1ad]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2010/06/28	06:11:30.0	AOCS_ORe-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00 00 00 54 00	
2010/06/28	06:11:46.0	XRT_QT_PROG_SET_405_OG [0x195]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c	
2010/06/28	06:11:48.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2010/06/28	06:14:26.0	XRT_FLD_DIS_427_OG [0x1ab]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2010/06/28	06:14:28.0	XRT_FLRCTRL_DIS_428_OG [0x1ac]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2010/06/28	06:14:30.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/06/28	08:11:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/06/28	08:11:26.0	XRT_FOCUS_POSITION_429_OG [0x1ad]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2010/06/28	08:11:30.0	AOCS_ORe-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00 ac 00 00 00	
2010/06/28	08:11:46.0	XRT_QT_PROG_SET_415_OG [0x19f]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b	
2010/06/28	08:11:48.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2010/06/28	08:14:26.0	XRT_FLD_DIS_427_OG [0x1ab]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2010/06/28	08:14:28.0	XRT_FLRCTRL_DIS_428_OG [0x1ac]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2010/06/28	08:14:30.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/06/28	10:29:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/06/28	10:29:56.0	XRT_FOCUS_POSITION_409_OG [0x199]					

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2010/06/28	10:30:00.0	AOCS_ORe-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
		AOCU_NM		5	02-76	02	00	00	00
2010/06/28	10:30:16.0	XRT_AEC_RESET_410_OG [0x19a]							
		MDP_XRT_AEC_RESET		1	07-F0	d0			
2010/06/28	10:30:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA		1	07-F0	d8			
2010/06/28	10:30:20.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET		1	07-F0	da			
2010/06/28	10:30:22.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA		1	07-F0	c8			
2010/06/28	10:30:24.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS		1	07-F0	d5			
2010/06/28	10:32:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	12		
2010/06/28	10:32:58.0	XRT_FL_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_FL_PROG_SET		2	07-F0	c5	01		
2010/06/28	10:33:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO		1	07-F0	c0			
2010/06/28	11:35:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU		1	07-F0	c1			
2010/06/28	12:05:30.0	XRT_Custom_418_OG [0x1a2]							
2010/06/28	12:06:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO		1	07-F0	c0			
2010/06/28	13:14:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU		1	07-F0	c1			
2010/06/28	13:44:00.0	XRT_Custom_418_OG [0x1a2]							
2010/06/28	13:45:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO		1	07-F0	c0			
2010/06/28	14:52:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU		1	07-F0	c1			
2010/06/28	15:29:30.0	XRT_Custom_418_OG [0x1a2]							
2010/06/28	15:30:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO		1	07-F0	c0			
2010/06/28	15:36:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU		1	07-F0	c1			
2010/06/28	15:39:00.0	XRT_Custom_418_OG [0x1a2]							
2010/06/28	15:40:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO		1	07-F0	c0			
2010/06/28	16:31:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU		1	07-F0	c1			
2010/06/28	17:16:00.0	XRT_Custom_418_OG [0x1a2]							
2010/06/28	17:17:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO		1	07-F0	c0			
2010/06/28	17:54:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU		1	07-F0	c1			
2010/06/28	17:54:26.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION		4	07-F8	22	ff	aa	00
2010/06/28	17:54:30.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM		5	02-76	00	00	00	00
2010/06/28	17:54:46.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS		1	07-F0	d9			
2010/06/28	17:54:48.0	XRT_FLRCTRL_DIS_403_OG [0x193]							
		MDP_XRT_FLRCTRL_DIS		1	07-F0	c9			
2010/06/28	17:54:50.0	XRT_ARS_DIS_404_OG [0x194]							
		MDP_XRT_ARS_DIS		1	07-F0	d5			
2010/06/28	17:57:28.0	XRT_QT_PROG_SET_422_OG [0x1a6]							
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	11		
2010/06/28	17:57:30.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO		1	07-F0	c0			
2010/06/28	18:04:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU		1	07-F0	c1			
2010/06/28	18:04:26.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION		4	07-F8	22	fe	97	00
2010/06/28	18:04:30.0	AOCS_ORe-point_Start_5_OG [0x09b]							
		AOCU_NM		5	02-76	00	dc	73	00
2010/06/28	18:04:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA		1	07-F0	d8			
2010/06/28	18:04:48.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET		1	07-F0	da			
2010/06/28	18:04:50.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA		1	07-F0	c8			
2010/06/28	18:04:52.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS		1	07-F0	d5			
2010/06/28	18:07:26.0	XRT_QT_PROG_SET_423_OG [0x1a7]							
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	13		
2010/06/28	18:07:28.0	XRT_FL_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_FL_PROG_SET		2	07-F0	c5	01		
2010/06/28	18:07:30.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO		1	07-F0	c0			
2010/06/28	18:09:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU		1	07-F0	c1			
2010/06/28	18:52:30.0	XRT_Custom_418_OG [0x1a2]							
2010/06/28	18:53:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO		1	07-F0	c0			
2010/06/28	19:48:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU		1	07-F0	c1			
2010/06/28	20:30:00.0	XRT_Custom_418_OG [0x1a2]							
2010/06/28	20:31:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO		1	07-F0	c0			
2010/06/28	21:26:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU		1	07-F0	c1			
2010/06/28	22:06:30.0	XRT_Custom_418_OG [0x1a2]							

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2010/06/28	22:07:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/28	23:04:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/28	23:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/28	23:59:56.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/06/29	00:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2010/06/29	00:00:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/06/29	00:00:18.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/06/29	00:00:20.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/06/29	00:00:22.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/06/29	00:02:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12				
2010/06/29	00:02:58.0	XRT_FL_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 01				
2010/06/29	00:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/29	00:43:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/29	01:13:30.0	XRT_Custom_418_OG [0x1a2]							
2010/06/29	01:14:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/29	02:21:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/29	02:52:00.0	XRT_Custom_418_OG [0x1a2]							
2010/06/29	02:53:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/29	03:49:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/29	04:30:30.0	XRT_Custom_418_OG [0x1a2]							
2010/06/29	04:31:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/29	05:29:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/29	06:14:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/29	06:14:26.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2010/06/29	06:14:30.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2010/06/29	06:14:46.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/06/29	06:14:48.0	XRT_FLRCTRL_DIS_403_OG [0x193]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/06/29	06:14:50.0	XRT_ARS_DIS_404_OG [0x194]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/06/29	06:17:28.0	XRT_QT_PROG_SET_422_OG [0x1a6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2010/06/29	06:17:30.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/29	06:24:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/29	06:24:26.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/06/29	06:24:30.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2010/06/29	06:24:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/06/29	06:24:48.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/06/29	06:24:50.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/06/29	06:24:52.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/06/29	06:27:26.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12				
2010/06/29	06:27:28.0	XRT_FL_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 01				
2010/06/29	06:27:30.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/29	07:09:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/29	07:47:30.0	XRT_Custom_418_OG [0x1a2]							
2010/06/29	07:48:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/29	08:49:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/29	09:25:30.0	XRT_Custom_418_OG [0x1a2]							
2010/06/29	09:26:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/29	10:22:05.5	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/29	10:43:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				