

XRT Timeline to be uploaded on 2008/11/21

Period: 2008/11/21 10:52:00 - 2008/11/27 11:19:00

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Normal mode

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XOB #15E5: G-Band Q90 2x2 FFI for Co-align. data and AI/Poly - C/Poly												
Term	Pointing (x, y)		Comment									
11/21 11:04:00 - 11/21 11:19:54	Fixed (-913.0, -226.0)		# OP start + 10min, Irradiance scan E-W, in S, first of 11 pointings.									
11/21 11:22:00 - 11/21 11:29:54	Fixed (-727.0, -274.0)											
11/21 11:32:00 - 11/21 11:39:54	Fixed (-544.0, -280.0)											
11/21 11:42:00 - 11/21 11:49:54	Fixed (-358.0, -284.0)											
11/21 11:52:00 - 11/21 11:59:54	Fixed (-167.0, -286.0)											
11/21 12:02:00 - 11/21 12:09:54	Fixed (28.0, -287.0)											
11/21 12:12:00 - 11/21 12:19:54	Fixed (167.0, -286.0)											
11/21 12:22:00 - 11/21 12:29:54	Fixed (358.0, -284.0)											
11/21 12:32:00 - 11/21 12:39:54	Fixed (544.0, -280.0)											
11/21 12:42:00 - 11/21 12:49:54	Fixed (727.0, -274.0)											
11/21 12:52:00 - 11/21 13:00:00	Fixed (913.0, -226.0)		* HOP 79, end; extended EIS obs at limb.									
PROG= 12 1-time(s)												
└─ Subr= 1 1-time(s) 120.0sec												
└─ Seqn= 54 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	16ms	Obs	2x2	2048x2048	(1024, 1024)	Q=90	0 0 2.0sec
└─ Subr= 2 1-time(s) 2.0sec												
└─ Seqn= 5 99-time(s) 120.0sec												
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	5.66s	Obs	1x1	384x384	(1024, 1024)	Q=90	0 0 2.0sec
	C-poly/Open	C-poly/Open	close	Safe	Norm	5.66s	Obs	1x1	384x384	(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

XOB #160E: AI/Poly - Thin-Be AEC4 - 512FOV - 300s cadence + G-band context												
Term	Pointing (x, y)		Comment									
11/21 13:02:06 - 11/21 17:28:30	Fixed (913.0, -226.0)		* HOP 79, end; extended EIS obs at limb.									
11/24 06:29:30 - 11/24 14:32:30	Fixed (940.0, 0.0)		# EIS limb observations.									
PROG= 16 Inf.-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 44 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= 2 12-time(s) 300.0sec												
└─ Seqn= 21 1-time(s) 2.0sec												
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	250ms	Obs	1x1	512x512	(1024, 1024)	DPCM	4 0 0.5sec
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	512x512	(1024, 1024)	DPCM	4 0 2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer Interval

XOB #1606: Synoptic Q95 2x2 - AI/poly(256/5795) + Dark cal(512 Q98) + Ti-poly(362/11571) + G-band(16)												
Term	Pointing (x, y)		Comment									
11/21 17:55:30 - 11/21 19:05:30	Fixed (0.0, 0.0)		synoptic, shifted -6.5 min									
11/22 17:43:30 - 11/22 18:05:30	Fixed (0.0, 0.0)		synoptic, shifted -18.5 min									
11/23 18:02:00 - 11/23 18:42:30	Fixed (0.0, 0.0)		synoptic									
11/24 18:07:30 - 11/24 19:19:00	Fixed (0.0, 0.0)		synoptic, shifted 5.5 min									
PROG= 10 1-time(s)												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 70 1-time(s) 4.0sec												
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	250ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0 0 2.0sec
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	5.66s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0 0 2.0sec
└─ Seqn= 57 1-time(s) 2.0sec												
	Open/Al-mesh	Open/Al-mesh	close	Safe	Dark	354ms	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0 0 2.0sec
└─ Seqn= 16 1-time(s) 4.0sec												
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	354ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0 0 2.0sec
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	11.3s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0 0 2.0sec
└─ Seqn= 92 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 #1600: Synoptic 12 Filter- 2x2 Q98												
Term	Pointing (x, y)		Comment									
11/22 00:12:06 - 11/22 01:25:00	Track (0.0, -0.1) @ 11/21 18:03:30		# Disk center tracking (SOT,EIS).									
11/23 00:02:06 - 11/23 00:34:30	Fixed (0.0, 0.0)		# Disk center pointing (SOT).									
11/24 00:02:06 - 11/24 01:07:30	Fixed (0.0, 0.0)		# Disk center pointing (SOT).									
11/24 22:02:06 - 11/24 22:34:00	Fixed (0.0, 0.0)		# Disk center pointing (SOT).									
PROG= 03 1-time(s)												
└─ Subr= 1 1-time(s) 180.0sec												
└─ Seqn= 71 1-time(s) 25.0sec												
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	354ms	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0 0 2.0sec
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	8.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0 0 2.0sec
└─ Seqn= 68 1-time(s) 25.0sec												
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0 0 0.5sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	16.0s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0 0 2.0sec

Seqn= 78		1-time(s)	25.0sec															
├	Al-poly/Open	Al-poly/Open	close	Safe	Norm	250ms	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec				
├	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	11.3s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec				
Seqn= 85		1-time(s)	25.0sec															
├	C-poly/Open	C-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec				
├	C-poly/Open	med-Be/Open	close	Safe	Norm	16.0s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec				
Seqn= 32		1-time(s)	25.0sec															
├	C-poly/Ti-poly	C-poly/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec				
Seqn= 46		1-time(s)	25.0sec															
├	Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec				
Seqn= 64		1-time(s)	25.0sec															
├	thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec				
Subr= 2		1-time(s)	360.0sec															
├	Seqn= 14		1-time(s)	4.0sec														
├	med-Be/Open	med-Al/Open	close	Safe	Norm	64.0s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec				
├	Seqn= 20		1-time(s)	4.0sec														
├	med-Al/Open	med-Al/Open	close	Safe	Norm	64.0s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec				
├	Seqn= 45		1-time(s)	4.0sec														
├	Open/thick-Be	Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec				
├	Seqn= 62		1-time(s)	4.0sec														
├	Open/thick-Al	Open/thick-Al	close	Safe	Norm	64.0s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec				
├	Seqn= 57		1-time(s)	4.0sec														
├	Open/Al-mesh	Open/Al-mesh	close	Safe	Dark	354ms	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec				
├	Seqn= 92		1-time(s)	4.0sec														
├	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 #1607: Synoptic Q95 2x2 - Al/mesh(128/4096) + Dark cal(362 Q98) + Ti-poly(362/11571) + G-band(16)																	
Term		Pointing (x, y)						Comment									
11/22 05:40:30 - 11/22 05:48:24		Fixed (0.0, 0.0)						synoptic, shifted -21.5 min									
11/23 06:02:00 - 11/23 06:09:54		Fixed (0.0, 0.0)						synoptic									
11/24 06:20:30 - 11/24 06:27:24		Fixed (0.0, 0.0)						synoptic, shifted 18.5 min									
11/25 05:54:30 - 11/25 06:02:24		Fixed (0.0, 0.0)						synoptic, shifted -7.5 min									
PROG= 08		1-time(s)															
├	Subr= 1		1-time(s)	12.0sec													
├	Seqn= 25		1-time(s)	4.0sec													
├	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec			
├	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	4.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec			
├	Seqn= 57		1-time(s)	2.0sec													
├	Open/Al-mesh	Open/Al-mesh	close	Safe	Dark	354ms	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec			
├	Seqn= 16		1-time(s)	4.0sec													
├	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	354ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec			
├	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	11.3s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec			
├	Seqn= 92		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 #160D: HOP81 - Al/poly, thin-Be, G-band - 512x512																	
Term		Pointing (x, y)						Comment									
11/22 05:50:30 - 11/22 17:41:24		Fixed (0.0, 940.0)						# HOP 81, polar monitoring, N pole.									
11/23 06:12:00 - 11/23 17:59:54		Fixed (0.0, -940.0)						# HOP 81, polar monitoring, S.									
PROG= 13		Inf.-time(s)															
├	Subr= 1		1-time(s)	2.0sec													
├	Seqn= 49		1-time(s)	2.0sec													
├	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	512x512	(1024, 1024)	Q=90	0	0	2.0sec			
├	Subr= 2		60-time(s)	60.0sec													
├	Seqn= 59		1-time(s)	30.0sec													
├	Al-poly/Open	Al-poly/Open	close	Safe	Norm	16.0s	Obs	1x1	512x512	(1024, 1024)	Q=90	0	0	2.0sec			
├	Seqn= 60		1-time(s)	30.0sec													
├	thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	1x1	512x512	(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		

XOB #160C: Axion Study_no-AEC_Med-Be-12s-30min_period																	
Term		Pointing (x, y)						Comment									
11/25 06:08:30 - 11/25 09:40:00		Fixed (0.0, 0.0)						# Disc Center pointing.									
11/25 09:59:30 - 11/27 11:19:00		Fixed (0.0, 0.0)						Backup plan									
PROG= 19		7-time(s)															
├	Subr= 1		1-time(s)	2.0sec													
├	Seqn= 26		12-time(s)	4.0sec													
├	med-Be/Open	med-Be/Open	close	Safe	Norm	11.3s	Obs	8x8	2048x2048	(1024, 1024)	DPCM	0	0	20.0sec			
├	Subr= 2		1-time(s)	2.0sec													
├	Seqn= 50		1-time(s)	4.0sec													
├	med-Be/Open	med-Be/Open	close	Safe	Dark	11.3s	Obs	8x8	2048x2048	(1024, 1024)	DPCM	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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NOT USED

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Active Region Search

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NOT USED

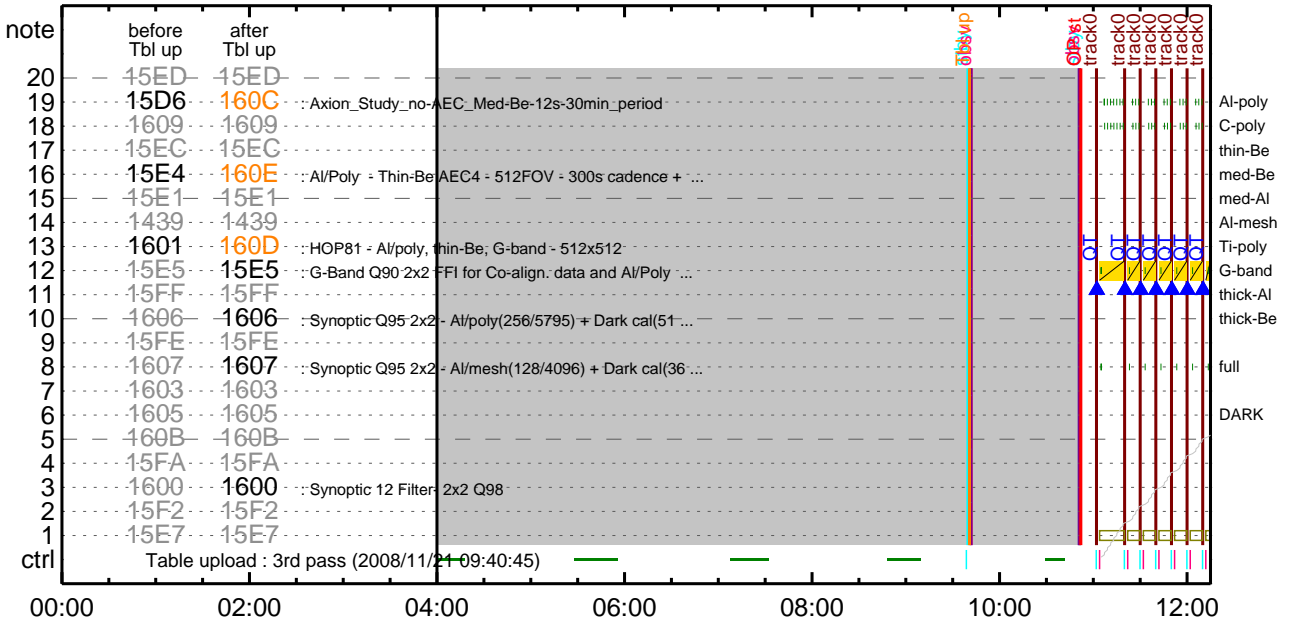
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Flare Detection

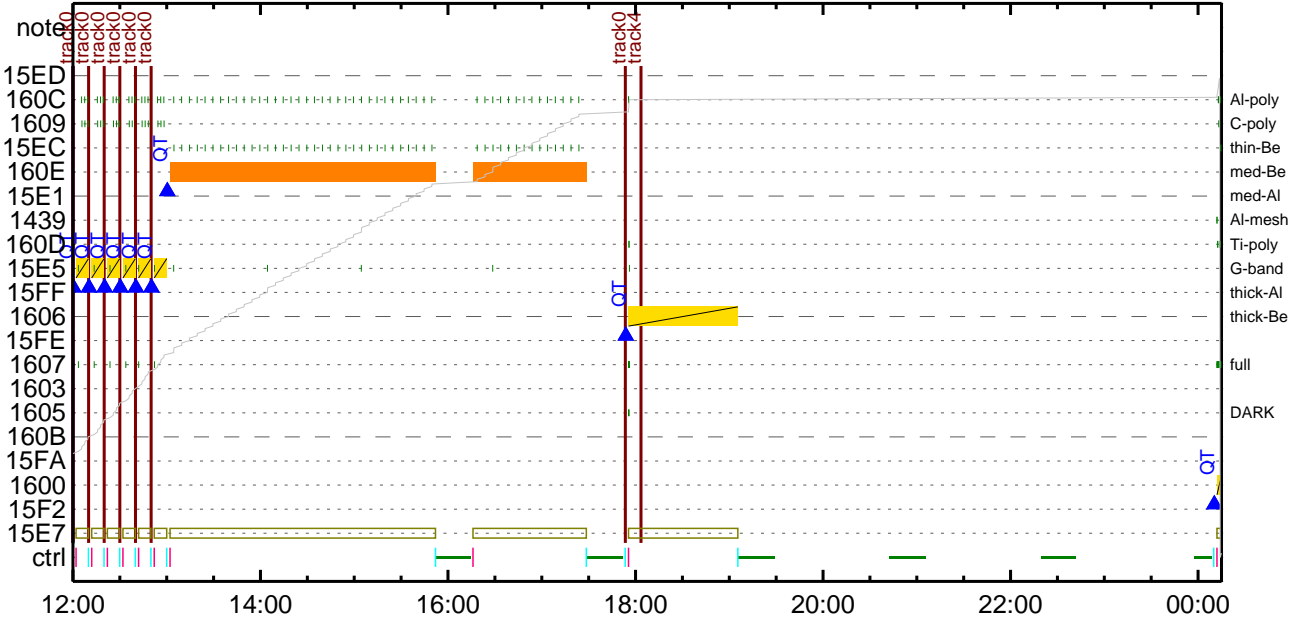
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NOT USED

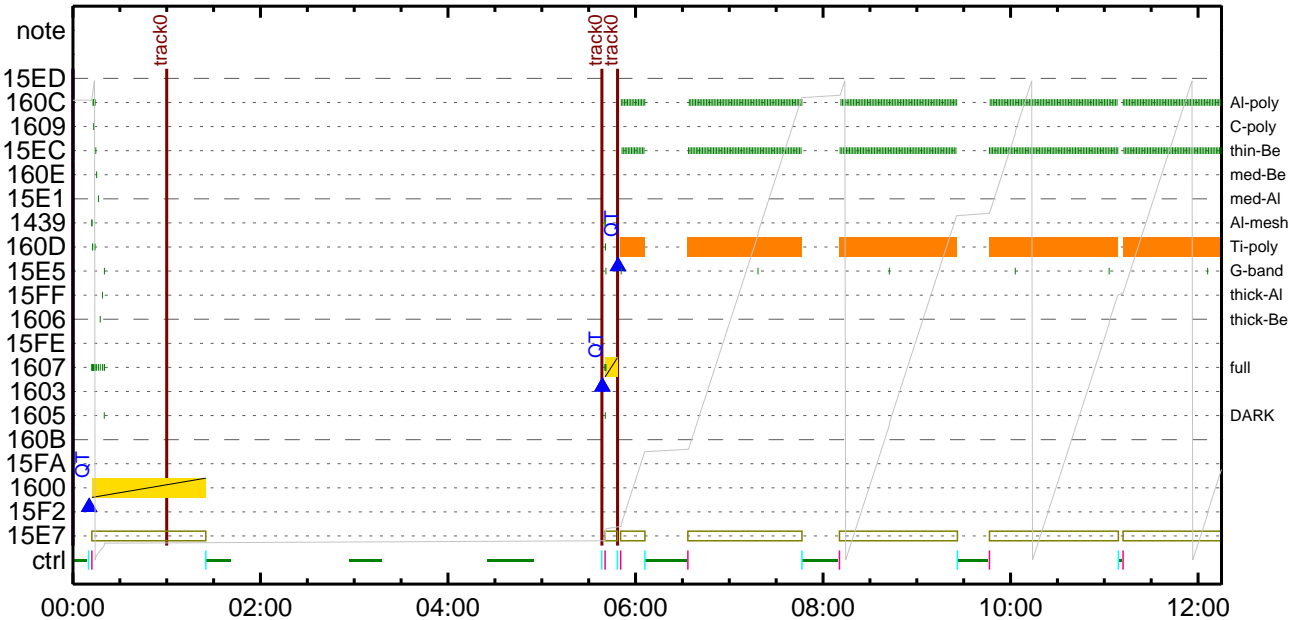
CMDI #0268 2008/11/21



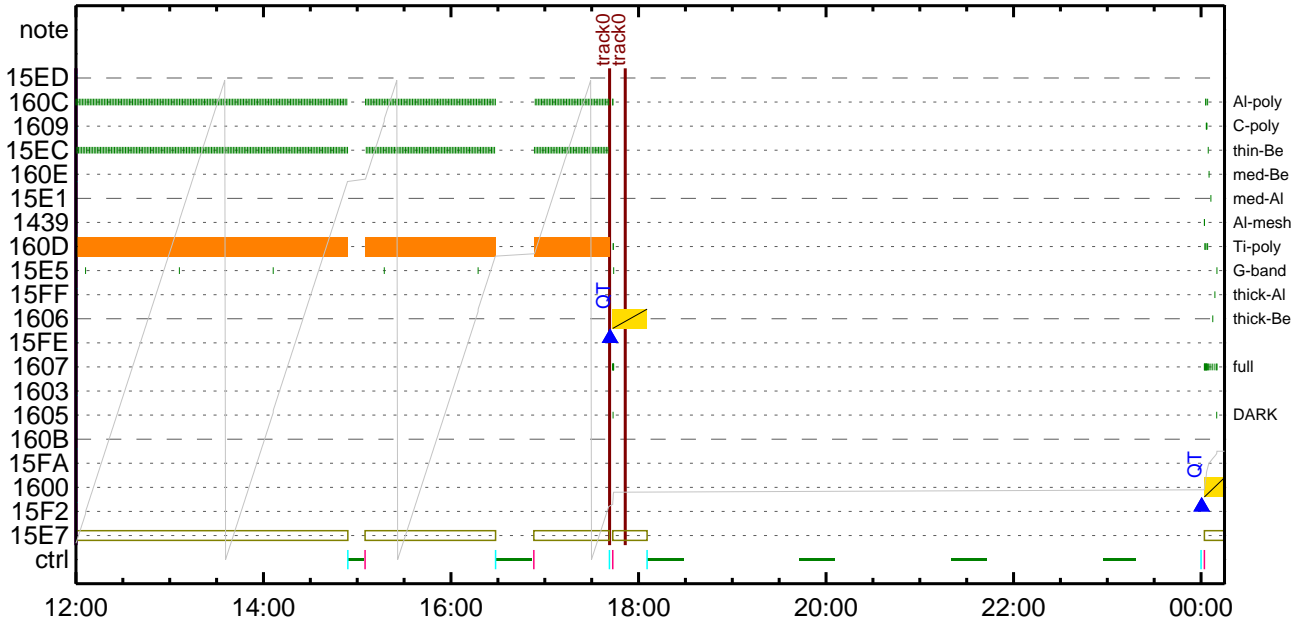
CMDI #0268 2008/11/21



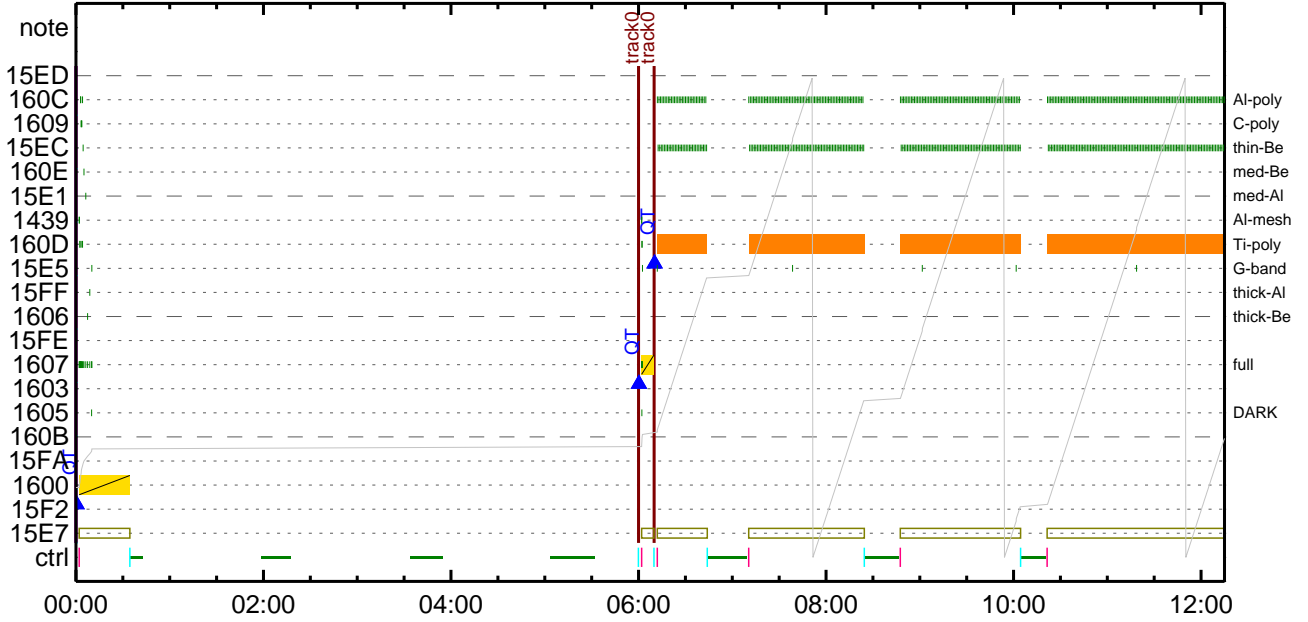
CMDI #0268 2008/11/22



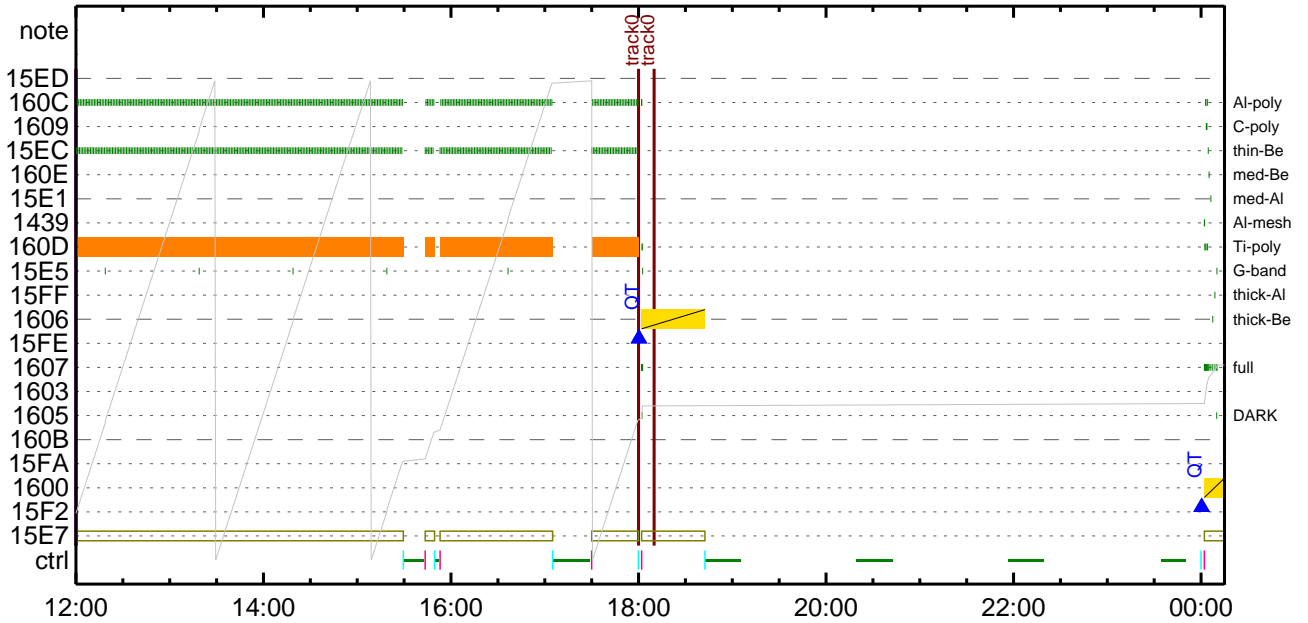
CMDI #0268 2008/11/22



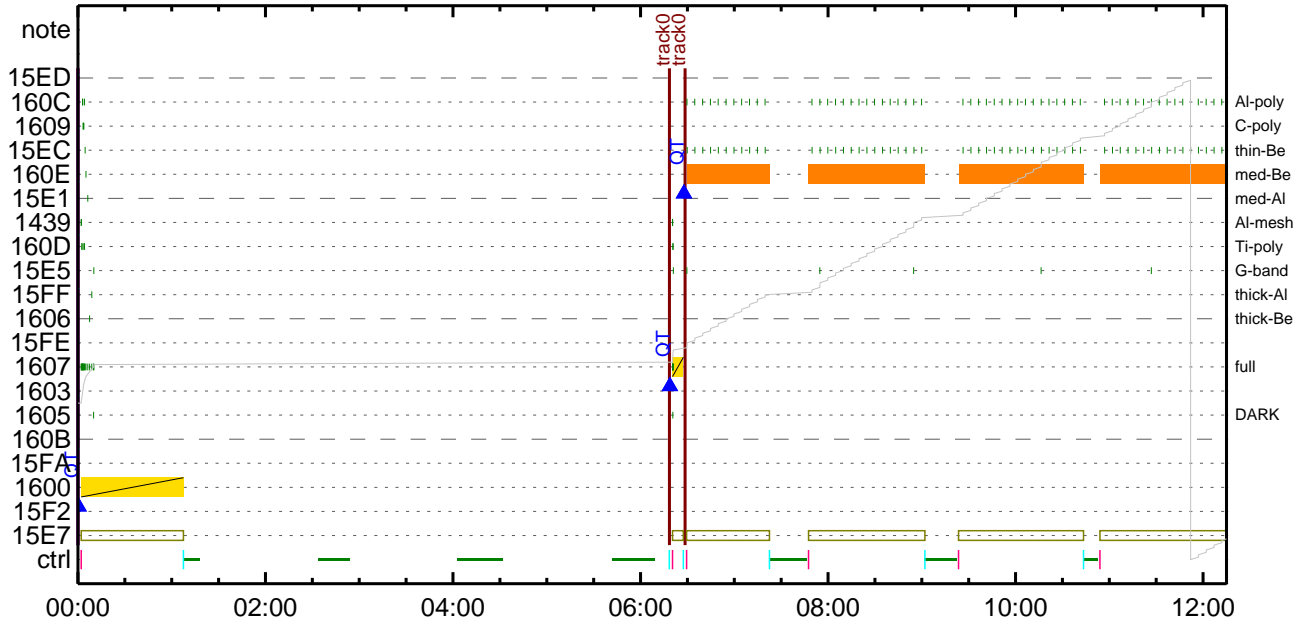
CMDI #0268 2008/11/23



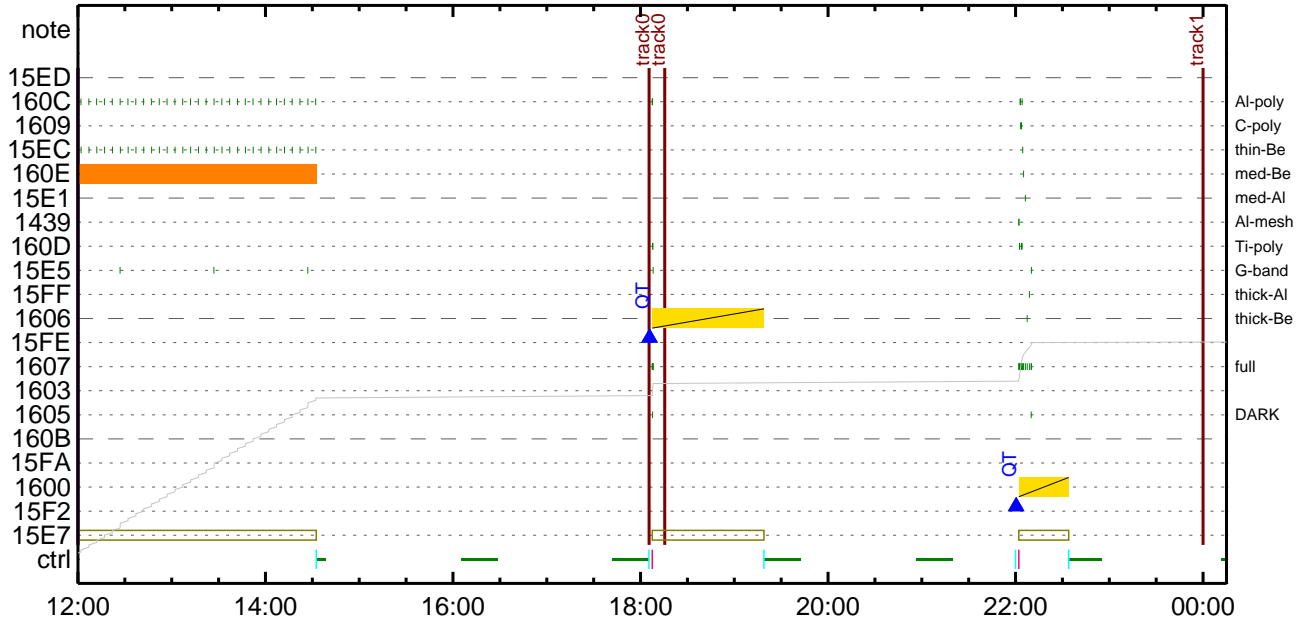
CMDI #0268 2008/11/23



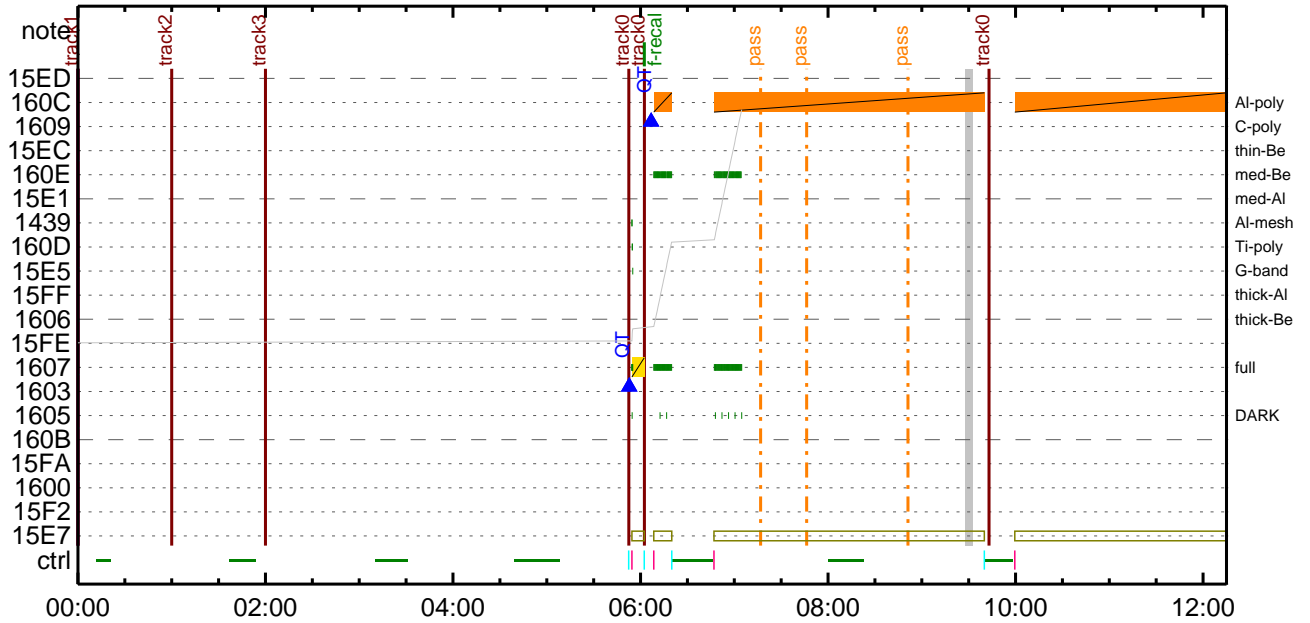
CMDI #0268 2008/11/24



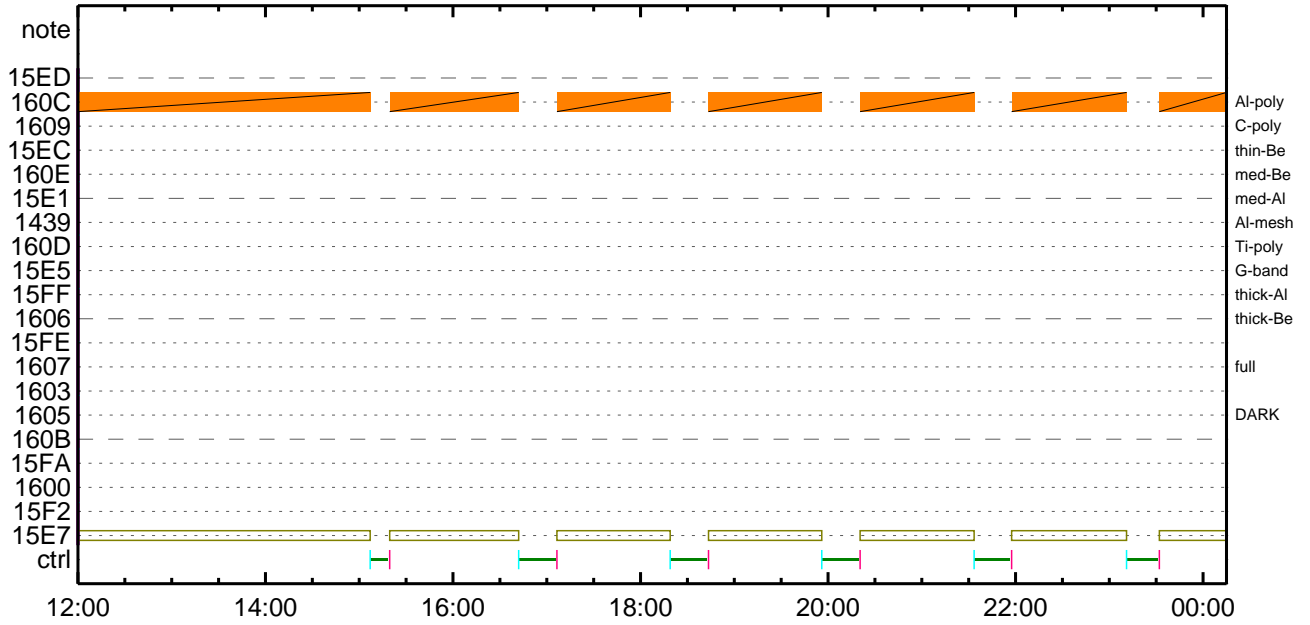
CMDI #0268 2008/11/24



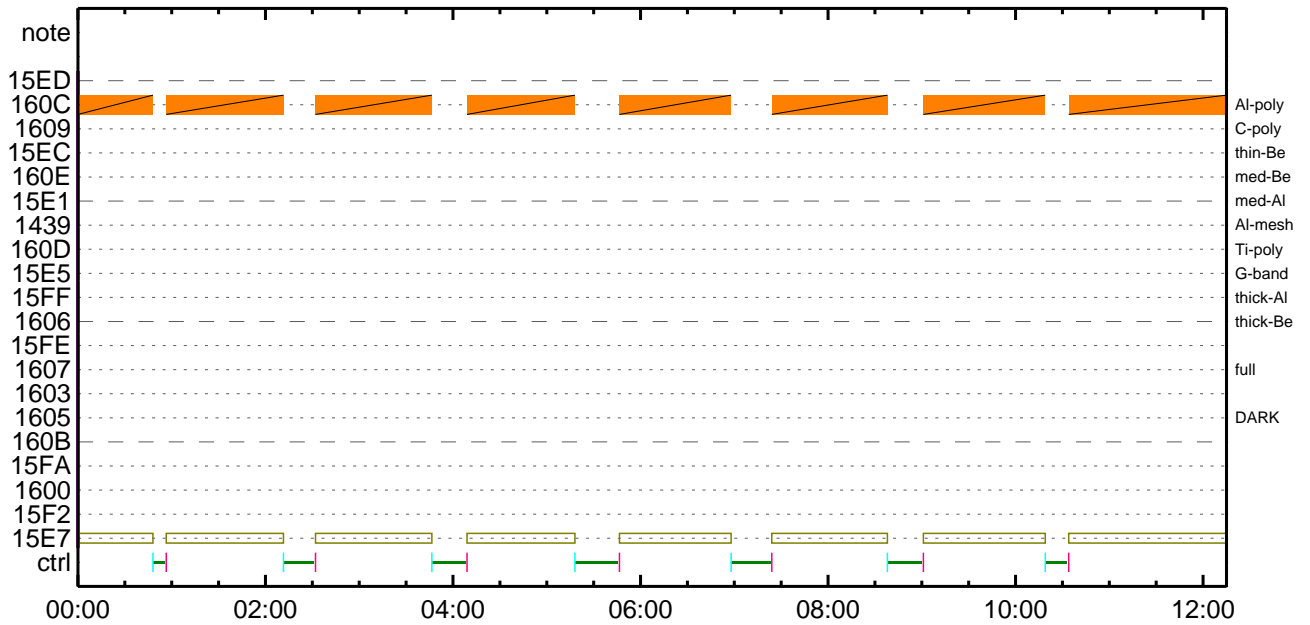
CMDI #0268 2008/11/25



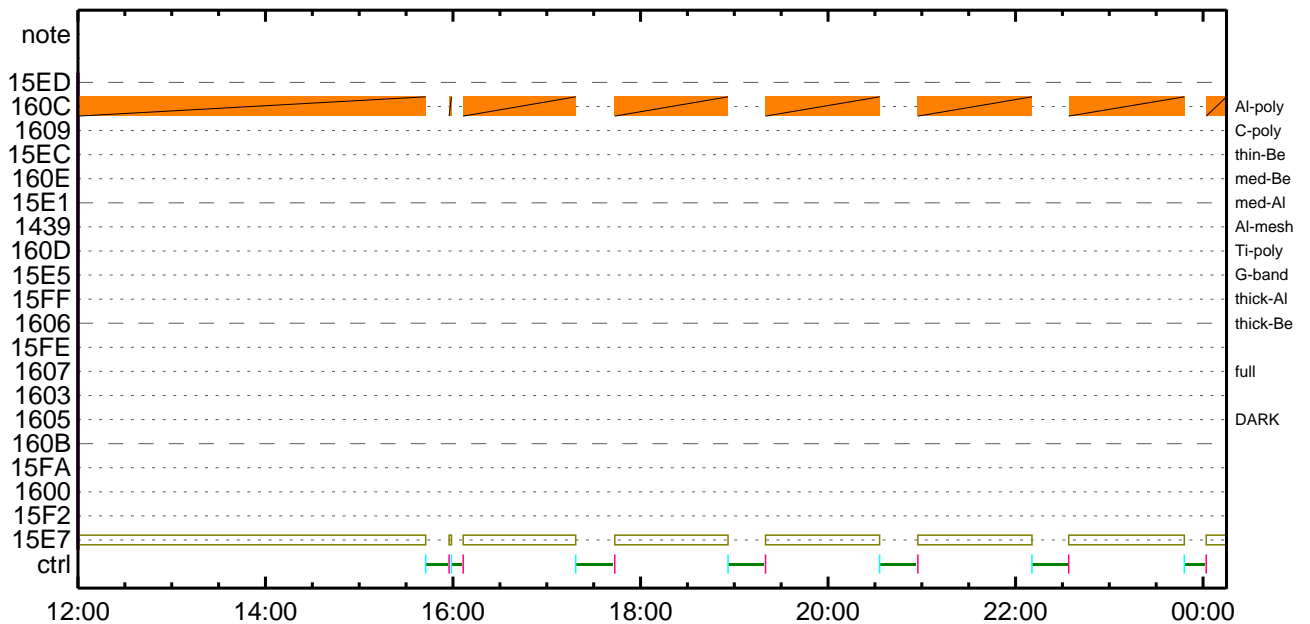
CMDI #0268 2008/11/25



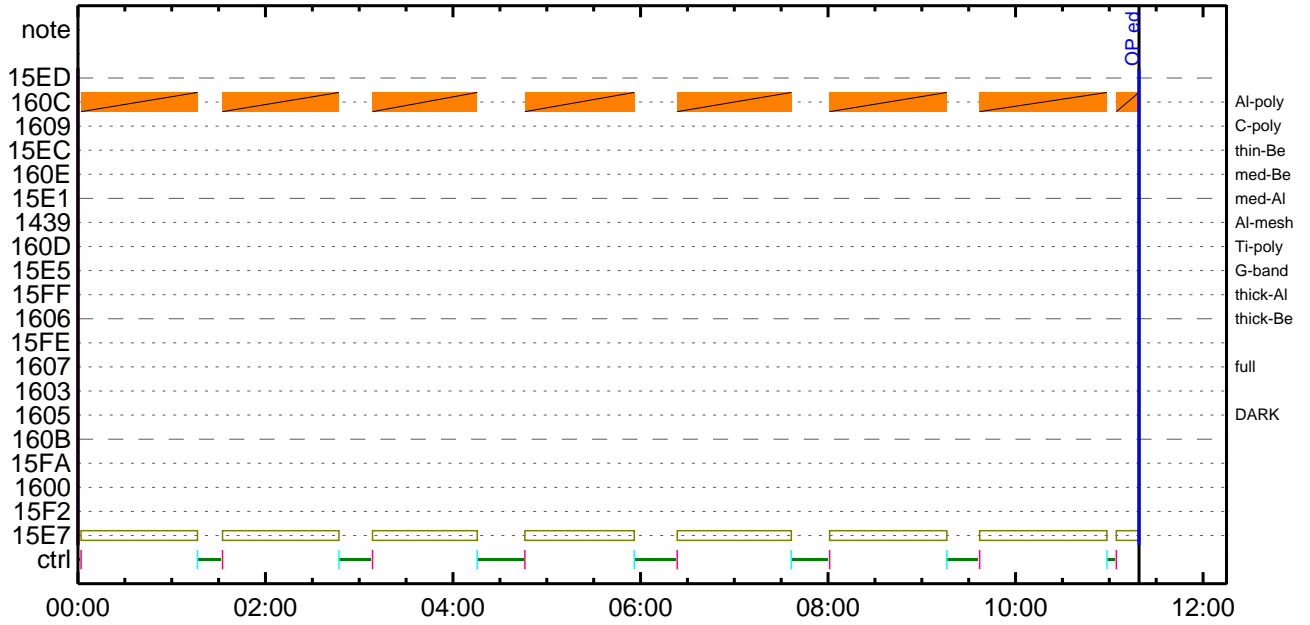
CMDI #0268 2008/11/26



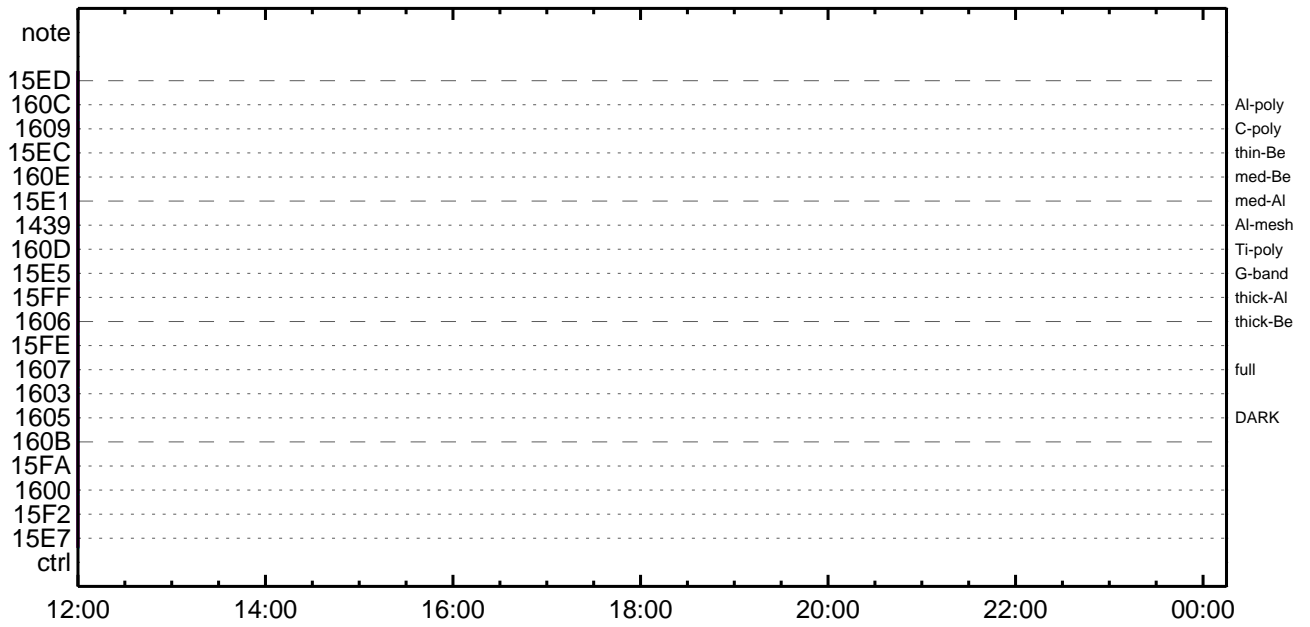
CMDI #0268 2008/11/26



CMDI #0268 2008/11/27



CMDI #0268 2008/11/27



0096 C. SET EDUMP I±°iYNY¹aÇ¹Ôa|a³aE;f
0097 C.
0098 C. TIY³YBYÖYÉaòdÁDÍ¿(UT)
0099 +. TI 2008-11-21 10:47:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0102 C.
0103 +. TI 2008-11-21 10:47:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0106 C.
0107 +. TI 2008-11-21 10:47:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0110 C.
0111 +. TI 2008-11-21 10:51:59.5
0112 DC 01-B2 DHU_OP_START
0113 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0114 C.
0115 C. °E²¼aİÄè%îíNñîYÁY§YÁY-¹àìÛ
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. TIÍî°èYÁYÖY×
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. YÁYÖY×¼¹î»òð³îÇ§
0142 C. çç[HK1_DMP_CHK_FLG] EQ NON
0143 C.
0144 C. RAM ID=TI_TBLaİ°E¹Ç•è²İOKòð³îÇ§
0145 C.
0146 C. DHUYâ;¼YÉ;È¼Y¼, Yì;¼YÈ;Èòðİáa¹
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. *****
0155 C. SOT TI command set
0156 C. *****
0157 C. Execute, after the success of OP upload.
0158 +. TI 2008-11-21 10:51:16.0
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 2008-11-21 10:51:30.0
0172 DC 07-FC EIS_MODE_MANU
0173 BC (21 02)
0174 +. TI 2008-11-21 10:51:40.0
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 2008-11-21 10:51:00.0
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 'üÄîñî»ö¼YòÈÄDñ¹aèDCBC•×²è *****
0192 C. (¼a°îYÖYÁYÉYBYÉYÁYçYèaE¼¼a¼A»Ûa¹aé)
0193 C. DC-BC dcbc-402:DCBC

```
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.
```

(a) Spacecraft Operation Procedure (real-commands)

```

main-262 2008-11-21 14:15:45 82 33 SOLAR-B MAIN //
0001  C.
0002  . C. ***** AOS *****
0003  C.
0004  . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005  C.
0006  C. YÁYB;¼Y³YFÝÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008  C.
0009  . C. ***** AOCS : Reload orbital element (send every contact) *****
0010  C.  Áí;Éó¿áÁó•µ°»Í×ÁÇóÍYçYÁY×Yí;¼YÉ;ÉÈ%µ•íÉ;ÈóÈ¼°ÇÔó•á¿¼l¹çóÍ;çÀ®, ùó¹óÈóÉóÇÁ+¿®ó•óÈóóó³óÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012  C.
0013  C.
0014  . C. ***** AOCS Commands (Tracking Curve Upload) *****
0015  C. Upload the Orbit Element and the Target Attitude
0016  C. RAM-ID:TARGET_ATT
0017  . S. RAM ram-150:TARGET_ATT
0018  ( )
0019  C.
0020  C.
0021  C. Set the dump memory area of TARGET_ATT
0022 +. DC 02-48 AOCU_DUMP_SET
0023  BC (07 00 00 00 18 00)
0024  C.
0025  C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0026  C.
0027  C.
0028  C. Change the TLMFormatNo for the AOCS Dump Format
0029 +. DC 01-22 DHU_MODE_CHNG
0030  BC (04 0b f8)
0031  C.
0032  C. Wait for AOCSDUMP to end
0033  C.
0034  . C. Check the dump memory
0035  C.
0036  C. Result = OK [ ]
0037  C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039  BC (02 0a f8)
0040  C.
0041  C. <A_***>[TLM STS] FMT = 2 [ ]
0042  C.
0043 +. DC 02-8E AOCU_ORB_UPD
0044  . C.
0045  C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0046 +. DC 07-FC EIS_MODE_MANU
0047  BC (21 02)
0048  . C. Verify EIS in MANUAL mode
0049  . C. Estimated OBSTBL upload time is 11s
0050  C. *****
0051  C. EIS START OBSTBL LOAD
0052  C. *****
0053  . S. RAM ram-820:EIS_OBSTBL
0054  ( )
0055 +. DC 07-FC EIS_DUMP_OBSTBL
0056  BC (07 07 07 00 00 70 00)
0057  C.
0058  C. Execute, after the success of OBSTBL upload.
0059  C. Set EIS TI-commands
0060 +. TI 2008-11-21 10:51:50.0
0061  DC 07-FC EIS_MODE_CHG_ENA
0062  BC (20)
0063  . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0064  C. *****
0065  C. EIS END OBSTBL LOAD
0066  C. *****
0067  C.
0068  . C. ***** MDP `ûÁîóÍ»ó¼YóÈÁÐó¹óÈDCBC•x²è *****
0069  C. (¼á°íYÓYÁYÉYÍYÉYáYçYÉóÈ¼ó¼¼Á»Ûó¹óÈ)
0070  . S. DC-BC dcbc-402:DCBC
0071  (MDP_known_event)
0072  C.
0073  C.
0074  . C. ***** YDÝ¹•İ Daily±¿ÍÑóÈ´Øó¹óÈDCBC•x²è *****
0075  . S. DC-BC dcbc-153:DCBC
0076  (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0077  C.
0078  C.
0079  . C. ;ãLOSÁY$YÁY-¼Á»Û;ã
0080  C.
0081  . C. ***** LOS *****
0082  C.

```



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0096 C.
0097 C.
0098 C.
0099 C. ***** XRT START *****
0100 C.
0101 +. DC 07-F0 MDP_XRT_CTRL_MANU
0102 BC (c1)
0103 + DC 07-F0 MDP_XRT_MODE_STBY
0104 BC (c3)
0105 . C. ----- Success Verify ? OK / NG____
0106 C.
0107 C. XRT Obs. Table Upload
0108 . S. RAM ram-291:MDP_OBS_X
0109 ()
0110 C.
0111 +. DC 07-F0 MDP_DUMP_XRTTBL
0112 BC (84 07 00 00 00 3a d4)
0113 . C. ----- Comparison Check ? OK / ERR ____
0114 C.
0115 C.
0116 +. DC 07-F0 MDP_XRT_ROI_SET
0117 BC (cd 01 b1 b1 04 04)
0118 + DC 07-F0 MDP_XRT_ROI_SET
0119 BC (cd 02 b1 b1 08 08)
0120 + DC 07-F0 MDP_XRT_ROI_SET
0121 BC (cd 03 b1 b1 08 08)
0122 + DC 07-F0 MDP_XRT_ROI_SET
0123 BC (cd 04 b1 b1 06 06)
0124 + DC 07-F0 MDP_XRT_ROI_SET
0125 BC (cd 06 80 80 20 20)
0126 + DC 07-F0 MDP_XRT_ROI_SET
0127 BC (cd 07 80 80 06 06)
0128 + DC 07-F0 MDP_XRT_ROI_SET
0129 BC (cd 08 80 80 08 08)
0130 + DC 07-F0 MDP_XRT_ROI_SET
0131 BC (cd 0f 80 80 04 04)
0132 + DC 07-F0 MDP_XRT_ROI_SET
0133 BC (cd 10 80 80 10 10)
0134 . C. ----- Success Verify ? OK / NG ____
0135 C.
0136 C.
0137 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0138 C.
0139 +. DC 07-F0 MDP_XRT_MODE_OBSV
0140 BC (c2)
0141 +. TI 2008-11-21 10:51:02.0
0142 DC 07-F0 MDP_XRT_MODE_OBSV
0143 BC (c2)
0144 . C. ----- Success Verify ? OK / NG ____
0145 C.
0146 C. ***** XRT END *****
0147 . C. *****
0148 C. SOT table upload
0149 C. *****
0150 . C. < Stop FG table >
0151 +. DC 07-F0 MDP_FG_CTRL_MANU
0152 BC (51)
0153 . C. -----
0154 C. MDP_FG_CTRL_MODE = MANU [ ]
0155 C. -----
0156 C.
0157 . C. <Upload FG Observation Table>
0158 . S. RAM ram-263:MDP_OBS_F
0159 ()
0160 C.
0161 . C. < Dump RAMID=MDP_OBS_F >
0162 +. DC 07-F0 MDP_DUMP_FGTBL
0163 BC (82 07 00 00 00 38 b8)
0164 C. -----
0165 C. MDP_OBS_F verify = OK/NG [ ]
0166 C. -----
0167 C.
0168 . C. < Stop SP table >
0169 +. DC 07-F0 MDP_SP_CTRL_MANU
0170 BC (61)
0171 . C. -----
0172 C. MDP_SP_CTRL_MODE = MANU [ ]
0173 C. -----
0174 C.
0175 . C. <Upload SP Observation Table>
0176 . S. RAM ram-284:MDP_OBS_S
0177 ()
0178 C.
0179 . C. < Dump RAMID=MDP_OBS_S >
0180 +. DC 07-F0 MDP_DUMP_SPTBL
0181 BC (83 07 00 00 00 38 b8)
0182 C. -----
0183 C. MDP_OBS_S verify = OK/NG [ ]
0184 C. -----
0185 C.
0186 C. *****
0187 C. SOT TI command set
0188 C. *****
0189 C. Execute, after the success of TBL upload.
0190 +. TI 2008-11-21 10:51:18.0
0191 DC 07-F0 MDP_SOT_MODE_OBSV
0192 BC (40)
0193 . C. -----

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*** OP Sequence for XRT ***

2008/11/21	11:01:54.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/11/21	11:01:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2008/11/21	11:02:00.0	AOCS_ORe-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	00 14 18 51 26		
2008/11/21	11:02:16.0	XRT_QT_PROG_SET_438_OG [0x1b6]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c		
2008/11/21	11:03:54.0	XRT_ARS_DIS_422_OG [0x1a6]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/11/21	11:03:56.0	XRT_FLD_DIS_445_OG [0x1bd]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/11/21	11:03:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/11/21	11:04:00.0	XRT_CTRL_AUTO_403_OG [0x193]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/11/21	11:19:54.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/11/21	11:19:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2008/11/21	11:20:00.0	AOCS_ORe-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 18 5a 40 9b		
2008/11/21	11:20:16.0	XRT_QT_PROG_SET_438_OG [0x1b6]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c		
2008/11/21	11:21:54.0	XRT_ARS_DIS_422_OG [0x1a6]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/11/21	11:21:56.0	XRT_FLD_DIS_445_OG [0x1bd]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/11/21	11:21:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/11/21	11:22:00.0	XRT_CTRL_AUTO_403_OG [0x193]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/11/21	11:29:54.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/11/21	11:29:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2008/11/21	11:30:00.0	AOCS_ORe-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	00 18 e5 30 5a		
2008/11/21	11:30:16.0	XRT_QT_PROG_SET_438_OG [0x1b6]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c		
2008/11/21	11:31:54.0	XRT_ARS_DIS_422_OG [0x1a6]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/11/21	11:31:56.0	XRT_FLD_DIS_445_OG [0x1bd]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/11/21	11:31:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/11/21	11:32:00.0	XRT_CTRL_AUTO_403_OG [0x193]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/11/21	11:39:54.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/11/21	11:39:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2008/11/21	11:40:00.0	AOCS_ORe-point_Start_4_OG [0x09a]					
		AOCU_NM	5	02-76	00 19 3f 1f ce		
2008/11/21	11:40:16.0	XRT_QT_PROG_SET_438_OG [0x1b6]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c		
2008/11/21	11:41:54.0	XRT_ARS_DIS_422_OG [0x1a6]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/11/21	11:41:56.0	XRT_FLD_DIS_445_OG [0x1bd]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/11/21	11:41:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/11/21	11:42:00.0	XRT_CTRL_AUTO_403_OG [0x193]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/11/21	11:49:54.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/11/21	11:49:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2008/11/21	11:50:00.0	AOCS_ORe-point_Start_5_OG [0x09b]					
		AOCU_NM	5	02-76	00 19 68 0e d9		
2008/11/21	11:50:16.0	XRT_QT_PROG_SET_438_OG [0x1b6]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c		
2008/11/21	11:51:54.0	XRT_ARS_DIS_422_OG [0x1a6]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/11/21	11:51:56.0	XRT_FLD_DIS_445_OG [0x1bd]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/11/21	11:51:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/11/21	11:52:00.0	XRT_CTRL_AUTO_403_OG [0x193]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/11/21	11:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/11/21	11:59:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2008/11/21	12:00:00.0	AOCS_ORe-point_Start_6_OG [0x09c]					
		AOCU_NM	5	02-76	00 19 81 fd 82		
2008/11/21	12:00:16.0	XRT_QT_PROG_SET_438_OG [0x1b6]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c		
2008/11/21	12:01:54.0	XRT_ARS_DIS_422_OG [0x1a6]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/11/21	12:01:56.0	XRT_FLD_DIS_445_OG [0x1bd]					

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2008/11/21	12:01:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLD_DIS	1	07-F0	d9
2008/11/21	12:02:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/11/21	12:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/21	12:09:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/21	12:10:00.0	AOCS_ORe-point_Start_7_OG [0x09d]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2008/11/21	12:10:16.0	XRT_QT_PROG_SET_438_OG [0x1b6]	AOCU_NM	5	02-76	00 19 68 f1 27
2008/11/21	12:11:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2008/11/21	12:11:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5
2008/11/21	12:11:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLD_DIS	1	07-F0	d9
2008/11/21	12:12:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/11/21	12:19:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/21	12:19:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/21	12:20:00.0	AOCS_ORe-point_Start_8_OG [0x09e]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2008/11/21	12:20:16.0	XRT_QT_PROG_SET_438_OG [0x1b6]	AOCU_NM	5	02-76	00 19 3f e0 32
2008/11/21	12:21:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2008/11/21	12:21:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5
2008/11/21	12:21:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLD_DIS	1	07-F0	d9
2008/11/21	12:22:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/11/21	12:29:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/21	12:29:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/21	12:30:00.0	AOCS_ORe-point_Start_9_OG [0x09f]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2008/11/21	12:30:16.0	XRT_QT_PROG_SET_438_OG [0x1b6]	AOCU_NM	5	02-76	00 18 e5 cf a6
2008/11/21	12:31:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2008/11/21	12:31:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5
2008/11/21	12:31:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLD_DIS	1	07-F0	d9
2008/11/21	12:32:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/11/21	12:39:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/21	12:39:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/21	12:40:00.0	AOCS_ORe-point_Start_10_OG [0x0a0]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2008/11/21	12:40:16.0	XRT_QT_PROG_SET_438_OG [0x1b6]	AOCU_NM	5	02-76	00 18 5a bf 65
2008/11/21	12:41:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2008/11/21	12:41:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5
2008/11/21	12:41:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLD_DIS	1	07-F0	d9
2008/11/21	12:42:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/11/21	12:49:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/21	12:49:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/21	12:50:00.0	AOCS_ORe-point_Start_11_OG [0x0a1]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2008/11/21	12:50:16.0	XRT_QT_PROG_SET_438_OG [0x1b6]	AOCU_NM	5	02-76	00 14 18 ae da
2008/11/21	12:51:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2008/11/21	12:51:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5
2008/11/21	12:51:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLD_DIS	1	07-F0	d9
2008/11/21	12:52:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/11/21	13:00:00.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/21	13:00:02.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/21	13:00:22.0	XRT_QT_PROG_SET_404_OG [0x194]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2008/11/21	13:02:00.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2008/11/21			MDP_XRT_ARS_DIS	1	07-F0	d5

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2008/11/21	13:02:02.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/11/21	13:02:04.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/11/21	13:02:06.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/21	15:52:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/21	16:15:00.0	XRT_Custom_430_OG [0x1ae]							
2008/11/21	16:16:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/21	17:28:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/21	17:53:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/21	17:53:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/11/21	17:53:30.0	AOCS_Ore-point_Start_12_OG [0x0a2]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2008/11/21	17:53:46.0	XRT_QT_PROG_SET_411_OG [0x19b]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2008/11/21	17:53:48.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/11/21	17:53:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/11/21	17:53:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/11/21	17:55:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/21	18:03:30.0	AOCS_Ore-point_Start_13_OG [0x0a3]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2008/11/21	19:05:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/22	00:10:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/22	00:10:02.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/11/22	00:10:22.0	XRT_QT_PROG_SET_443_OG [0x1bb]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2008/11/22	00:10:24.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/11/22	00:10:26.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/11/22	00:10:28.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/11/22	00:12:06.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/22	01:00:00.0	AOCS_Ore-point_Start_14_OG [0x0a4]							
		AOCU_NM	5	02-76	00 00 00 00 ac 73				
2008/11/22	01:25:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/22	05:38:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/22	05:38:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/11/22	05:38:30.0	AOCS_Ore-point_Start_12_OG [0x0a2]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2008/11/22	05:38:46.0	XRT_QT_PROG_SET_412_OG [0x19c]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2008/11/22	05:38:48.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/11/22	05:38:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/11/22	05:38:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/11/22	05:40:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/22	05:48:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/22	05:48:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2008/11/22	05:48:30.0	AOCS_Ore-point_Start_15_OG [0x0a5]							
		AOCU_NM	5	02-76	00 ac 73 00 00				
2008/11/22	05:48:46.0	XRT_QT_PROG_SET_405_OG [0x195]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2008/11/22	05:48:48.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/11/22	05:48:50.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/11/22	05:48:52.0	XRT_FLRCTRL_DIS_401_OG [0x191]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/11/22	05:50:30.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/22	06:06:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/22	06:32:30.0	XRT_Custom_430_OG [0x1ae]							
2008/11/22	06:33:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/22	07:46:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/22	08:09:30.0	XRT_Custom_430_OG [0x1ae]							
2008/11/22	08:10:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				

2008/11/22	09:26:00.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/22	09:45:30.0	XRT_Custom_430_OG [0x1ae]							
2008/11/22	09:46:30.0	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/22	11:09:00.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/22	11:11:00.0	XRT_Custom_430_OG [0x1ae]							
2008/11/22	11:12:00.0	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/22	14:54:00.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/22	15:04:00.0	XRT_Custom_430_OG [0x1ae]							
2008/11/22	15:05:00.0	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/22	16:28:30.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/22	16:52:00.0	XRT_Custom_430_OG [0x1ae]							
2008/11/22	16:53:00.0	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/22	17:41:24.0	XRT_CTRL_MANU_428_OG [0x1ac] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/22	17:41:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba] XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00			
2008/11/22	17:41:30.0	AOCS_ORe-point_Start_12_OG [0x0a2] AOCU_NM	5	02-76	00 00 00 00	00 00			
2008/11/22	17:41:46.0	XRT_QT_PROG_SET_411_OG [0x19b] MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2008/11/22	17:41:48.0	XRT_FLD_DIS_419_OG [0x1a3] MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/11/22	17:41:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/11/22	17:41:52.0	XRT_ARS_DIS_427_OG [0x1ab] MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/11/22	17:43:30.0	XRT_CTRL_AUTO_444_OG [0x1bc] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/22	17:51:30.0	AOCS_ORe-point_Start_12_OG [0x0a2] AOCU_NM	5	02-76	00 00 00 00	00 00			
2008/11/22	18:05:30.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/23	00:00:00.0	XRT_CTRL_MANU_428_OG [0x1ac] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/23	00:00:02.0	XRT_FOCUS_POSITION_442_OG [0x1ba] XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00			
2008/11/23	00:00:22.0	XRT_QT_PROG_SET_443_OG [0x1bb] MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2008/11/23	00:00:24.0	XRT_FLD_DIS_419_OG [0x1a3] MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/11/23	00:00:26.0	XRT_FLRCTRL_DIS_447_OG [0x1bf] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/11/23	00:00:28.0	XRT_ARS_DIS_427_OG [0x1ab] MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/11/23	00:02:06.0	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/23	00:34:30.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/23	05:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/23	05:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba] XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00			
2008/11/23	06:00:00.0	AOCS_ORe-point_Start_12_OG [0x0a2] AOCU_NM	5	02-76	00 00 00 00	00 00			
2008/11/23	06:00:16.0	XRT_QT_PROG_SET_412_OG [0x19c] MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2008/11/23	06:00:18.0	XRT_FLD_DIS_419_OG [0x1a3] MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/11/23	06:00:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/11/23	06:00:22.0	XRT_ARS_DIS_427_OG [0x1ab] MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/11/23	06:02:00.0	XRT_CTRL_AUTO_444_OG [0x1bc] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/23	06:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/23	06:09:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9] XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00			
2008/11/23	06:10:00.0	AOCS_ORe-point_Start_16_OG [0x0a6] AOCU_NM	5	02-76	00 53 8d	00 00			
2008/11/23	06:10:16.0	XRT_QT_PROG_SET_405_OG [0x195] MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2008/11/23	06:10:18.0	XRT_ARS_DIS_422_OG [0x1a6] MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/11/23	06:10:20.0	XRT_FLD_DIS_445_OG [0x1bd] MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/11/23	06:10:22.0	XRT_FLRCTRL_DIS_401_OG [0x191] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/11/23	06:12:00.0	XRT_CTRL_AUTO_403_OG [0x193] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/23	06:44:00.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/23	07:09:30.0	XRT_Custom_430_OG [0x1ae]							
2008/11/23	07:10:30.0	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0				

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2008/11/23	08:24:30.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/23	08:46:30.0	XRT_Custom_430_OG [0x1ae]							
2008/11/23	08:47:30.0	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/23	10:04:30.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/23	10:20:30.0	XRT_Custom_430_OG [0x1ae]							
2008/11/23	10:21:30.0	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/23	15:29:30.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/23	15:42:30.0	XRT_Custom_430_OG [0x1ae]							
2008/11/23	15:43:30.0	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/23	15:49:30.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/23	15:52:00.0	XRT_Custom_430_OG [0x1ae]							
2008/11/23	15:53:00.0	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/23	17:05:00.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/23	17:29:00.0	XRT_Custom_430_OG [0x1ae]							
2008/11/23	17:30:00.0	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/23	17:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/23	17:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba] XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00			
2008/11/23	18:00:00.0	AOCS_Ore-point_Start_12_OG [0x0a2] AOCU_NM	5	02-76	00 00 00 00	00 00			
2008/11/23	18:00:16.0	XRT_QT_PROG_SET_411_OG [0x19b] MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a			
2008/11/23	18:00:18.0	XRT_FLD_DIS_419_OG [0x1a3] MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/11/23	18:00:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/11/23	18:00:22.0	XRT_ARS_DIS_427_OG [0x1ab] MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/11/23	18:02:00.0	XRT_CTRL_AUTO_444_OG [0x1bc] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/23	18:10:00.0	AOCS_Ore-point_Start_12_OG [0x0a2] AOCU_NM	5	02-76	00 00 00 00	00 00			
2008/11/23	18:42:30.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/24	00:00:00.0	XRT_CTRL_MANU_428_OG [0x1ac] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/24	00:00:02.0	XRT_FOCUS_POSITION_442_OG [0x1ba] XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00			
2008/11/24	00:00:22.0	XRT_QT_PROG_SET_443_OG [0x1bb] MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2008/11/24	00:00:24.0	XRT_FLD_DIS_419_OG [0x1a3] MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/11/24	00:00:26.0	XRT_FLRCTRL_DIS_447_OG [0x1bf] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/11/24	00:00:28.0	XRT_ARS_DIS_427_OG [0x1ab] MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/11/24	00:02:06.0	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/24	01:07:30.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/24	06:18:24.0	XRT_CTRL_MANU_428_OG [0x1ac] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/24	06:18:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba] XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00			
2008/11/24	06:18:30.0	AOCS_Ore-point_Start_12_OG [0x0a2] AOCU_NM	5	02-76	00 00 00 00	00 00			
2008/11/24	06:18:46.0	XRT_QT_PROG_SET_412_OG [0x19c] MDP_XRT_QT_PROG_SET	2	07-F0	c4	08			
2008/11/24	06:18:48.0	XRT_FLD_DIS_419_OG [0x1a3] MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/11/24	06:18:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/11/24	06:18:52.0	XRT_ARS_DIS_427_OG [0x1ab] MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/11/24	06:20:30.0	XRT_CTRL_AUTO_444_OG [0x1bc] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/24	06:27:24.0	XRT_CTRL_MANU_428_OG [0x1ac] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/24	06:27:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9] XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00			
2008/11/24	06:27:46.0	XRT_QT_PROG_SET_404_OG [0x194] MDP_XRT_QT_PROG_SET	2	07-F0	c4	10			
2008/11/24	06:28:30.0	AOCS_Ore-point_Start_14_OG [0x0a4] AOCU_NM	5	02-76	00 00 00 00	ac 73			
2008/11/24	06:29:24.0	XRT_ARS_DIS_422_OG [0x1a6] MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/11/24	06:29:26.0	XRT_FLD_DIS_445_OG [0x1bd] MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/11/24	06:29:28.0	XRT_FLRCTRL_DIS_416_OG [0x1a0] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/11/24	06:29:30.0	XRT_CTRL_AUTO_403_OG [0x193] MDP_XRT_CTRL_AUTO	1	07-F0	c0				

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2008/11/24	07:22:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/24	07:46:30.0	XRT_Custom_430_OG [0x1ae]							
2008/11/24	07:47:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/24	09:02:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/24	09:22:30.0	XRT_Custom_430_OG [0x1ae]							
2008/11/24	09:23:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/24	10:43:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/24	10:53:00.0	XRT_Custom_430_OG [0x1ae]							
2008/11/24	10:54:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/24	14:32:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/24	18:05:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/24	18:05:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/11/24	18:05:30.0	AOCS_Or-e-point_Start_12_OG [0x0a2]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2008/11/24	18:05:46.0	XRT_QT_PROG_SET_411_OG [0x19b]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2008/11/24	18:05:48.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/11/24	18:05:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/11/24	18:05:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/11/24	18:07:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/24	18:15:30.0	AOCS_Or-e-point_Start_12_OG [0x0a2]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2008/11/24	19:19:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/24	22:00:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/24	22:00:02.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/11/24	22:00:22.0	XRT_QT_PROG_SET_443_OG [0x1bb]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2008/11/24	22:00:24.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/11/24	22:00:26.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/11/24	22:00:28.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/11/24	22:02:06.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/24	22:34:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/25	00:00:00.0	AOCS_Or-e-point_Start_17_OG [0x0a7]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2008/11/25	01:00:00.0	AOCS_Or-e-point_Start_18_OG [0x0a8]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2008/11/25	02:00:00.0	AOCS_Or-e-point_Start_19_OG [0x0a9]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2008/11/25	05:52:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/25	05:52:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/11/25	05:52:30.0	AOCS_Or-e-point_Start_12_OG [0x0a2]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2008/11/25	05:52:46.0	XRT_QT_PROG_SET_412_OG [0x19c]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2008/11/25	05:52:48.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/11/25	05:52:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/11/25	05:52:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/11/25	05:54:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/25	06:02:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/25	06:02:26.0	XRT_FOCUS_RECALIBRATE_418_OG [0x1a2]							
		XRT_FOCUS_RECAL	2	07-F8	78 00				
2008/11/25	06:02:30.0	AOCS_Or-e-point_Start_12_OG [0x0a2]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2008/11/25	06:06:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/11/25	06:06:46.0	XRT_QT_PROG_SET_406_OG [0x196]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2008/11/25	06:06:48.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/11/25	06:06:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/11/25	06:06:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/11/25	06:08:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				

2008/11/25	06:20:00.0	XRT_CTRL_MANU_435_OG [0x1b3]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2008/11/25	06:46:00.0	XRT_Custom_430_OG [0x1ae]								
2008/11/25	06:47:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2008/11/25	09:40:00.0	XRT_CTRL_MANU_435_OG [0x1b3]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2008/11/25	09:43:00.0	AOCS_ORe-point_Start_12_OG [0x0a2]								
		AOCU_NM	5	02-76	00 00 00 00 00					
2008/11/25	09:58:30.0	XRT_Custom_430_OG [0x1ae]								
2008/11/25	09:59:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2008/11/25	15:07:00.0	XRT_CTRL_MANU_435_OG [0x1b3]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2008/11/25	15:18:30.0	XRT_Custom_430_OG [0x1ae]								
2008/11/25	15:19:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2008/11/25	16:42:00.0	XRT_CTRL_MANU_435_OG [0x1b3]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2008/11/25	17:05:30.0	XRT_Custom_430_OG [0x1ae]								
2008/11/25	17:06:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2008/11/25	18:19:00.0	XRT_CTRL_MANU_435_OG [0x1b3]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2008/11/25	18:42:30.0	XRT_Custom_430_OG [0x1ae]								
2008/11/25	18:43:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2008/11/25	19:56:00.0	XRT_CTRL_MANU_435_OG [0x1b3]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2008/11/25	20:19:30.0	XRT_Custom_430_OG [0x1ae]								
2008/11/25	20:20:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2008/11/25	21:33:30.0	XRT_CTRL_MANU_435_OG [0x1b3]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2008/11/25	21:56:30.0	XRT_Custom_430_OG [0x1ae]								
2008/11/25	21:57:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2008/11/25	23:11:00.0	XRT_CTRL_MANU_435_OG [0x1b3]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2008/11/25	23:31:00.0	XRT_Custom_430_OG [0x1ae]								
2008/11/25	23:32:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2008/11/26	00:48:00.0	XRT_CTRL_MANU_435_OG [0x1b3]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2008/11/26	00:55:30.0	XRT_Custom_430_OG [0x1ae]								
2008/11/26	00:56:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2008/11/26	02:11:30.0	XRT_CTRL_MANU_435_OG [0x1b3]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2008/11/26	02:31:00.0	XRT_Custom_430_OG [0x1ae]								
2008/11/26	02:32:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2008/11/26	03:46:30.0	XRT_CTRL_MANU_435_OG [0x1b3]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2008/11/26	04:08:00.0	XRT_Custom_430_OG [0x1ae]								
2008/11/26	04:09:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2008/11/26	05:18:00.0	XRT_CTRL_MANU_435_OG [0x1b3]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2008/11/26	05:45:30.5	XRT_Custom_430_OG [0x1ae]								
2008/11/26	05:46:30.5	XRT_CTRL_AUTO_432_OG [0x1b0]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2008/11/26	06:58:00.0	XRT_CTRL_MANU_435_OG [0x1b3]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2008/11/26	07:23:00.0	XRT_Custom_430_OG [0x1ae]								
2008/11/26	07:24:00.5	XRT_CTRL_AUTO_432_OG [0x1b0]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2008/11/26	08:38:00.0	XRT_CTRL_MANU_435_OG [0x1b3]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2008/11/26	09:00:00.0	XRT_Custom_430_OG [0x1ae]								
2008/11/26	09:01:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2008/11/26	10:19:00.0	XRT_CTRL_MANU_435_OG [0x1b3]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2008/11/26	10:33:00.0	XRT_Custom_430_OG [0x1ae]								
2008/11/26	10:34:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2008/11/26	15:42:30.0	XRT_CTRL_MANU_435_OG [0x1b3]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2008/11/26	15:56:30.0	XRT_Custom_430_OG [0x1ae]								
2008/11/26	15:57:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2008/11/26	15:59:00.0	XRT_CTRL_MANU_435_OG [0x1b3]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2008/11/26	16:05:30.0	XRT_Custom_430_OG [0x1ae]								
2008/11/26	16:06:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2008/11/26	17:18:30.0	XRT_CTRL_MANU_435_OG [0x1b3]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2008/11/26	17:42:30.0	XRT_Custom_430_OG [0x1ae]								
2008/11/26	17:43:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2008/11/26	18:56:00.0	XRT_CTRL_MANU_435_OG [0x1b3]								

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2008/11/26	19:19:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/26	19:20:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]				
2008/11/26	20:33:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/26	20:56:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/26	20:57:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]				
2008/11/26	22:10:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/26	22:33:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/26	22:34:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]				
2008/11/26	23:48:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/27	00:01:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/27	00:02:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]				
2008/11/27	01:16:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/27	01:31:30.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/27	01:32:30.5	XRT_CTRL_AUTO_432_OG [0x1b0]				
2008/11/27	02:47:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/27	03:07:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/27	03:08:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]				
2008/11/27	04:15:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/27	04:45:00.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/27	04:46:00.5	XRT_CTRL_AUTO_432_OG [0x1b0]				
2008/11/27	05:56:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/27	06:22:30.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/27	06:23:30.5	XRT_CTRL_AUTO_432_OG [0x1b0]				
2008/11/27	07:36:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/27	08:00:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/27	08:01:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]				
2008/11/27	09:16:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/27	09:36:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/27	09:37:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]				
2008/11/27	10:58:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/27	11:03:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/27	11:04:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0