

XRT Timeline to be uploaded on 2008/11/15

Period: 2008/11/15 09:52:00 - 2008/11/21 10:52:00

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Normal mode

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XOB #1605: HOP74 - Al/Poly - Thin-Be AEC4 - 384FOV - 60s cadence + G-band context												
Term	Pointing (x, y)							Comment				
11/15 10:19:08 - 11/15 10:59:54	Track (695.6, 487.9) @ 11/15 10:02:00							# OP start + 10min, track AR for HOP 74, penumbral microjets.				
PROG= 06 Inf.-time(s)												
└─ Subr= 1 1-time(s) 60.0sec												
└─ Seqn= 96 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0 2.0sec
└─ Subr= 2 30-time(s) 60.0sec												
└─ Seqn= 86 1-time(s) 2.0sec												
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	DPCM	4	0 0.5sec
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (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 #1609: AR multifilter - Al/mesh,Ti/Poly,Al/Poly,Thin-Be FOV384 AEC4 Q95- 8 min cad												
Term	Pointing (x, y)							Comment				
11/15 11:02:02 - 11/15 14:59:54	Track (667.3, 504.0) @ 11/15 11:00:00							* Track center of AR.				
11/15 18:12:02 - 11/15 18:38:30	Track (696.6, 506.3) @ 11/15 18:10:00							# Track center of AR for EIS.				
11/16 10:51:40 - 11/16 14:59:54	Track (739.7, 510.4) @ 11/16 06:24:30							* Cont.				
11/16 18:13:32 - 11/17 05:48:24	Track (772.5, 514.3) @ 11/16 18:11:30							# Track center of AR.				
11/17 09:56:40 - 11/17 14:55:54	Fixed (773.0, 515.0)							# Fixed pointing for AR 11008 at W limb.				
11/17 18:03:32 - 11/18 02:07:30	Fixed (773.0, 515.0)							# AR at W limb.				
PROG= 18 Inf.-time(s)												
└─ Subr= 1 1-time(s) 480.0sec												
└─ Seqn= 52 1-time(s) 4.0sec												
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	8.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	4	0 2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	11.3s	Obs	1x1	384x384 (1024, 1024)	Q=98	4	0 2.0sec
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	8.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	4	0 2.0sec
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	1x1	384x384 (1024, 1024)	Q=98	4	0 2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval

XOB #15FA: HOP89-Al/poly(384x384) lossless-AEC4(8192ms)												
Term	Pointing (x, y)							Comment				
11/15 15:02:02 - 11/15 17:59:54	Track (648.0, 510.0) @ 11/15 15:00:00							* Track AR for HOP 89 (officially 15:00 - 17:30 UT).				
11/16 15:02:02 - 11/16 17:38:00	Track (738.7, 517.8) @ 11/16 15:00:00							# Track AR for HOP 89 (officially 15:00 - 17:30 UT).				
PROG= 04 Inf.-time(s)												
└─ Subr= 1 1-time(s) 60.0sec												
└─ Seqn= 69 1-time(s) 4.0sec												
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	8.00s	Obs	1x1	384x384 (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 - Al/poly(256/5795) + Dark cal(512 Q98) + Ti-poly(362/11571) + G-band(16)												
Term	Pointing (x, y)							Comment				
11/15 18:02:00 - 11/15 18:09:54	Fixed (0.0, 0.0)							synoptic				
11/16 18:03:30 - 11/16 18:11:24	Fixed (0.0, 0.0)							synoptic, shifted 1.5 min				
11/17 17:53:30 - 11/17 18:01:24	Fixed (0.0, 0.0)							synoptic, shifted -8.5 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 #1607: Synoptic Q95 2x2 - Al/mesh(128/4096) + Dark cal(362 Q98) + Ti-poly(362/11571) + G-band(16)												
Term	Pointing (x, y)							Comment				
11/16 06:16:30 - 11/16 10:49:32	Fixed (0.0, 0.0)							synoptic, shifted 14.5 min				
11/17 05:50:30 - 11/17 09:54:32	Fixed (0.0, 0.0)							synoptic, shifted -11.5 min				
11/18 06:02:00 - 11/18 06:54:00	Fixed (0.0, 0.0)							synoptic				
11/18 07:20:00 - 11/18 15:39:00	Fixed (773.0, 515.0)							# Cont.				
11/18 15:53:30 - 11/21 10:52:00	Fixed (0.0, 0.0)							Backup plan				
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 #15FF: HOP89-Al/poly(384x384) lossless - fixed exposure (8192ms)

Term	Pointing (x, y)	Comment
11/17 15:02:02 - 11/17 17:51:24	Track (500.1, 0.0) @ 11/17 15:00:00	* HOP 89, track quiet Sun.

PROG= 11 Inf.-time(s)

└	Subr= 1		1-time(s)		60.0sec								
└	Seqn= 3		1-time(s)		4.0sec								
└	Al-poly/Open	Al-poly/Open	close	Safe	Norm	8.00s	Obs	1x1	384x384 (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

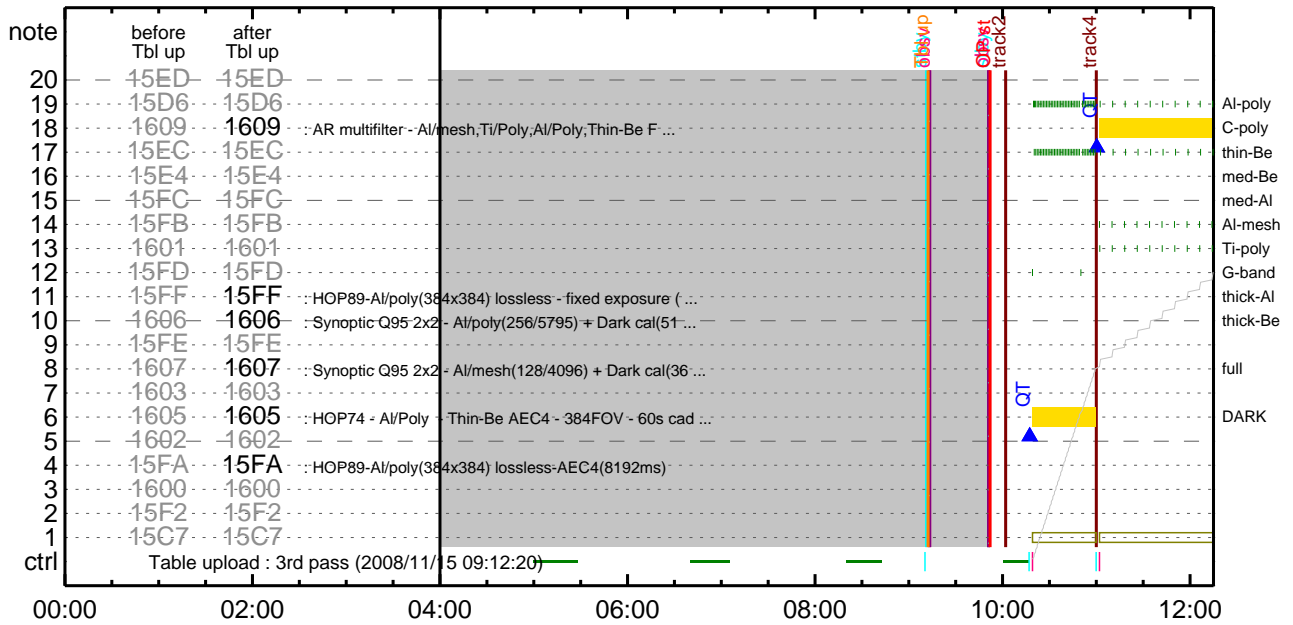
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Flare Detection

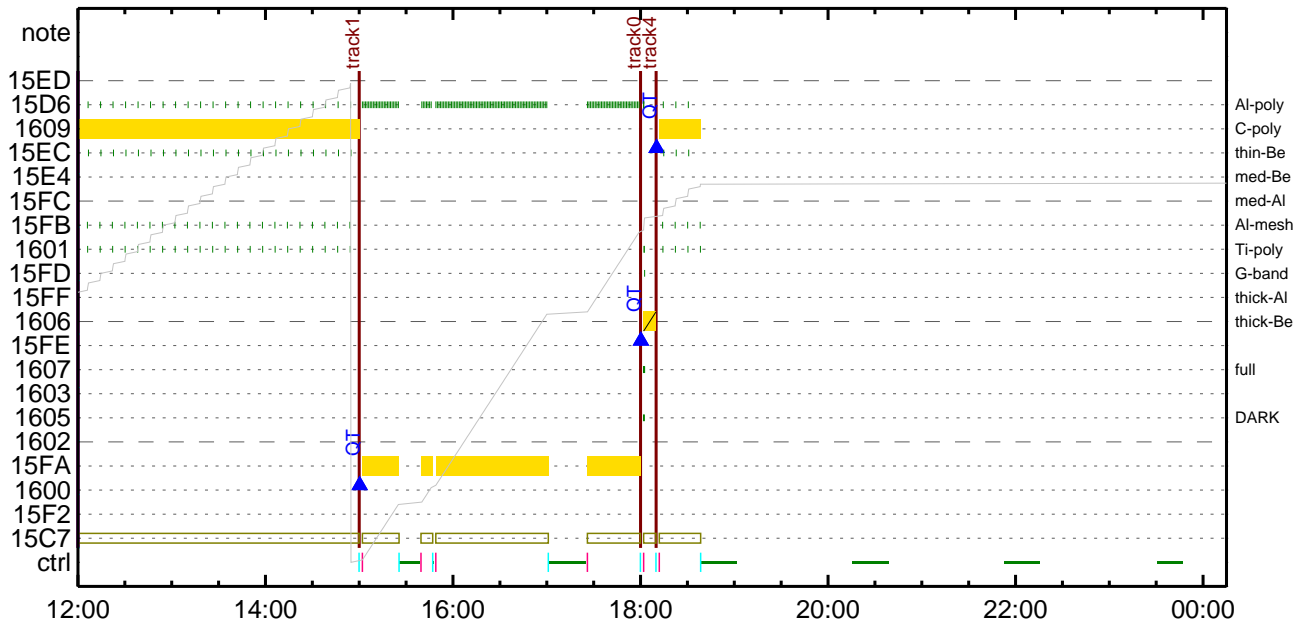
* * * * *

NOT USED

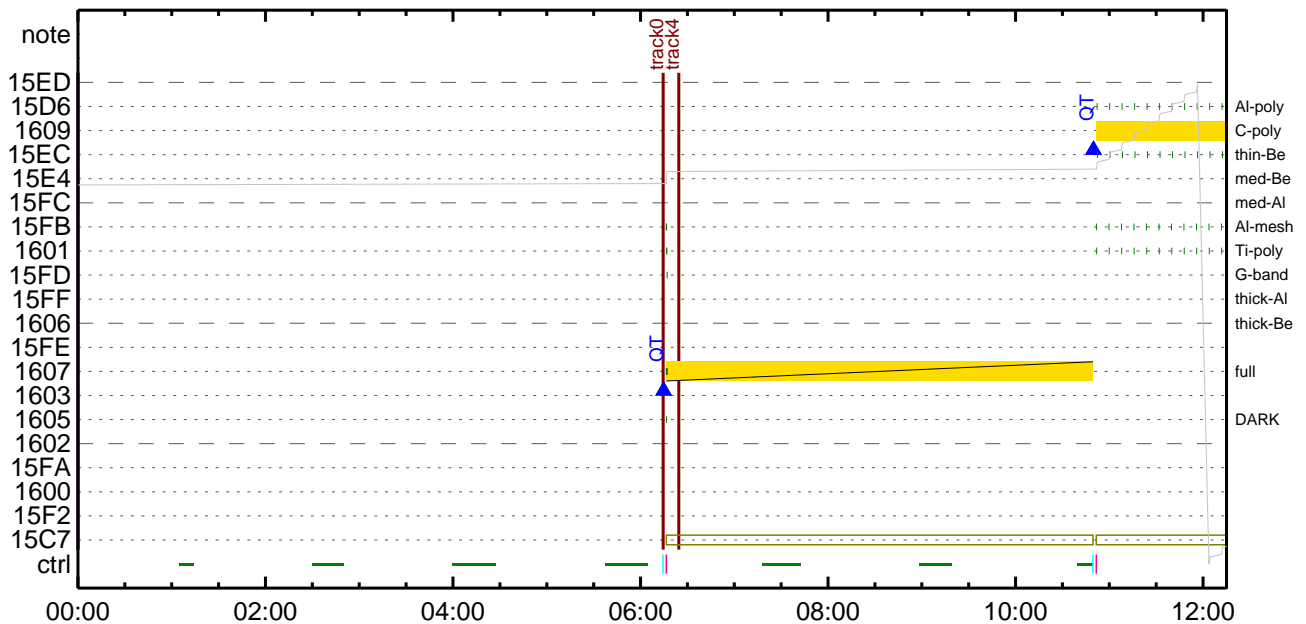
CMDI #0255 2008/11/15



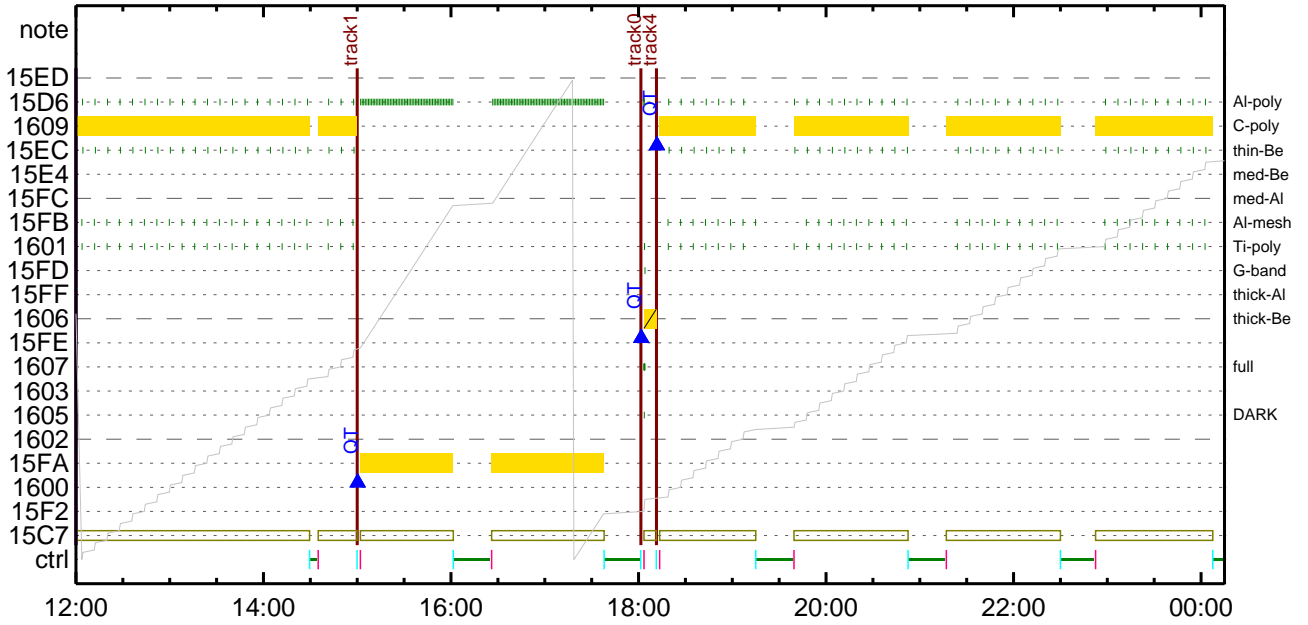
CMDI #0255 2008/11/15



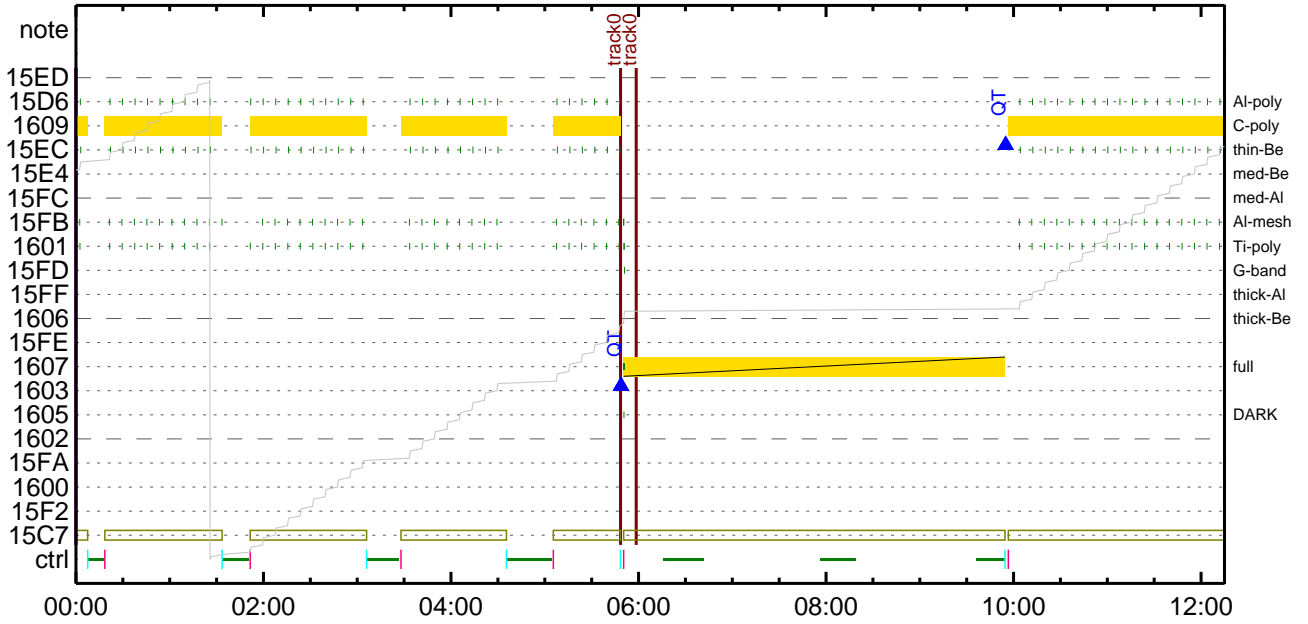
CMDI #0255 2008/11/16



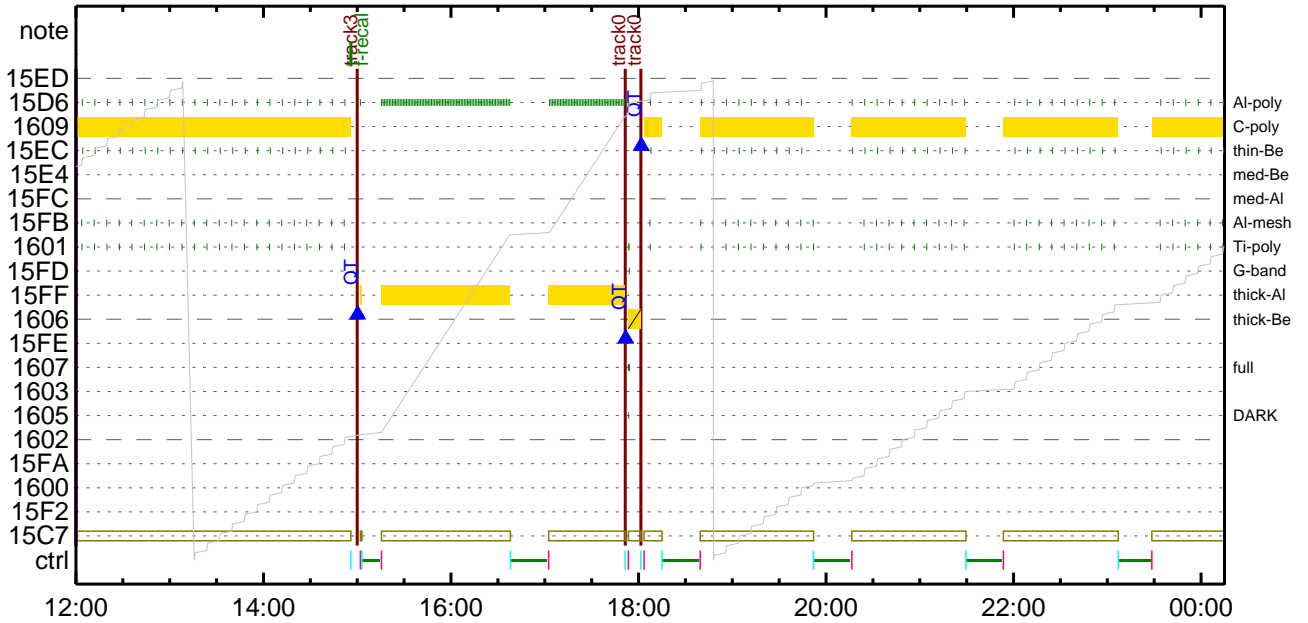
CMDI #0255 2008/11/16



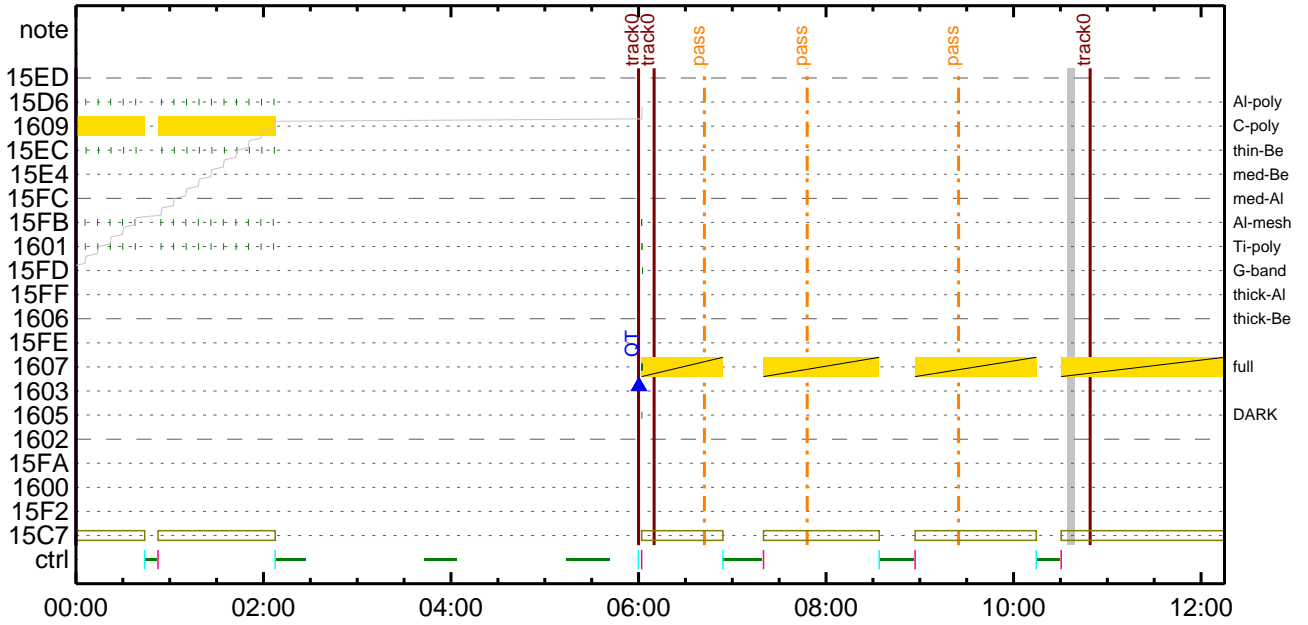
CMDI #0255 2008/11/17



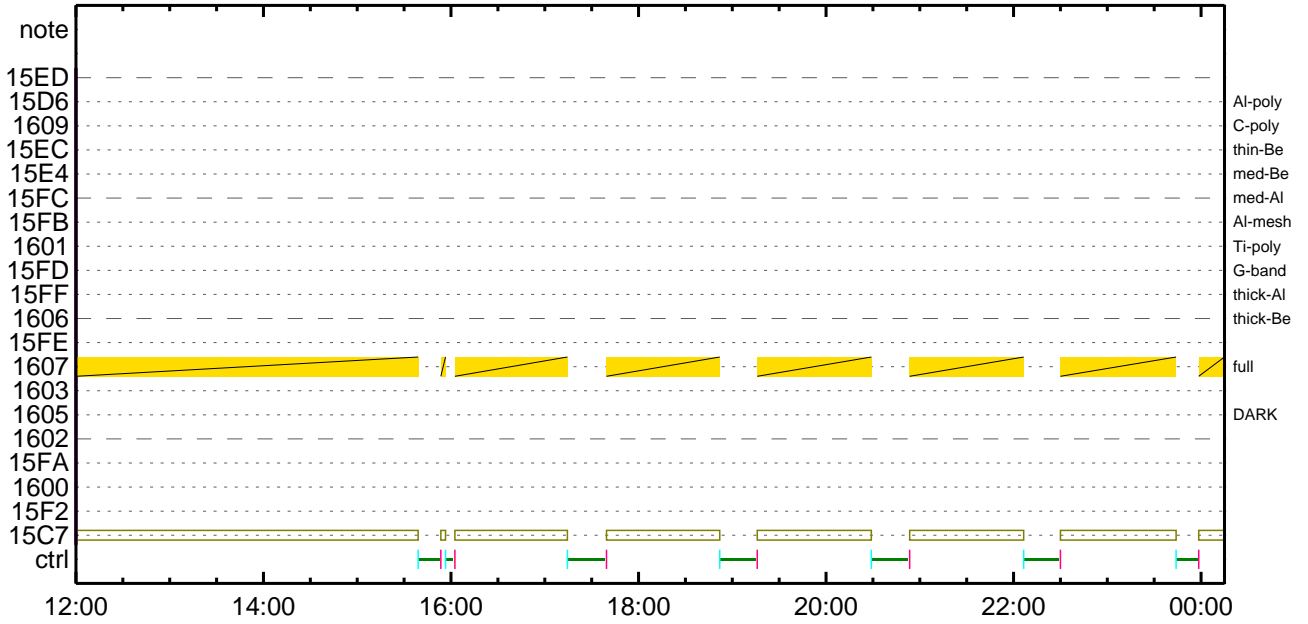
CMDI #0255 2008/11/17



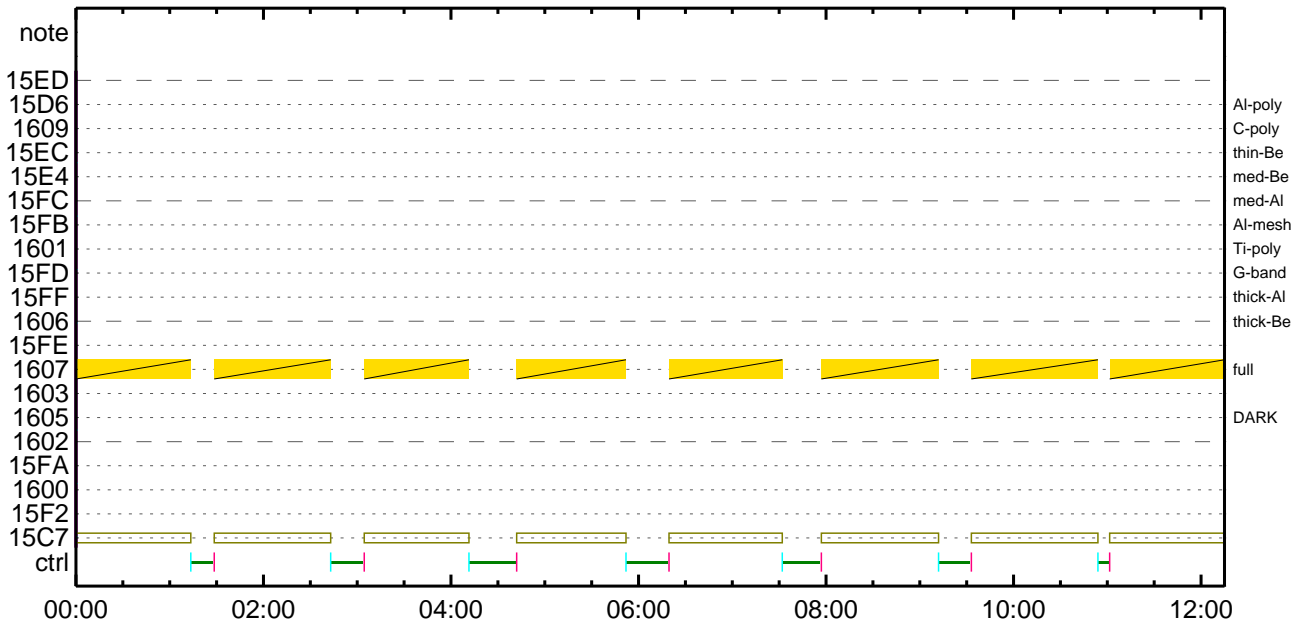
CMDI #0255 2008/11/18



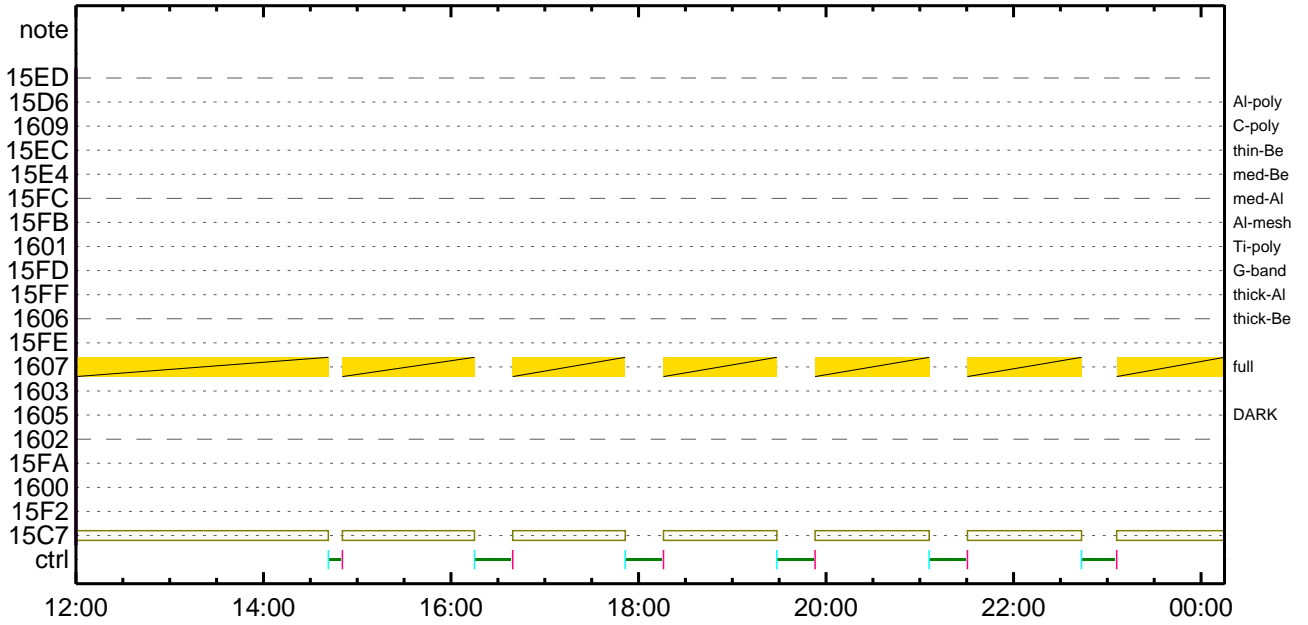
CMDI #0255 2008/11/18



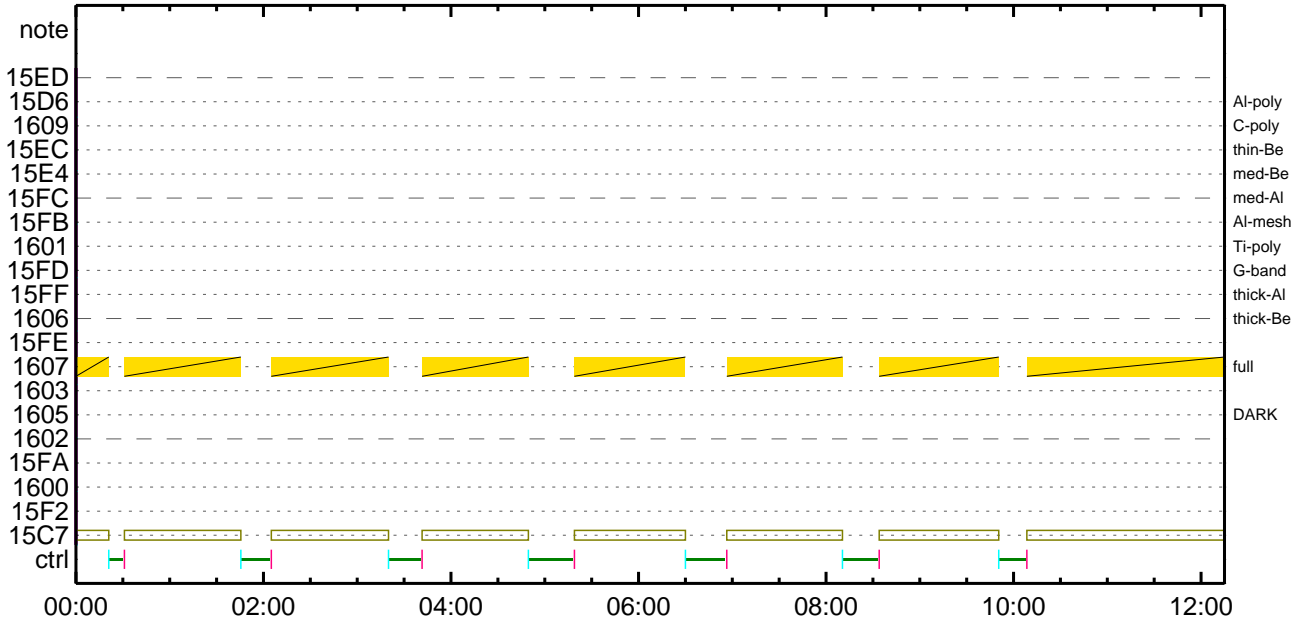
CMDI #0255 2008/11/19



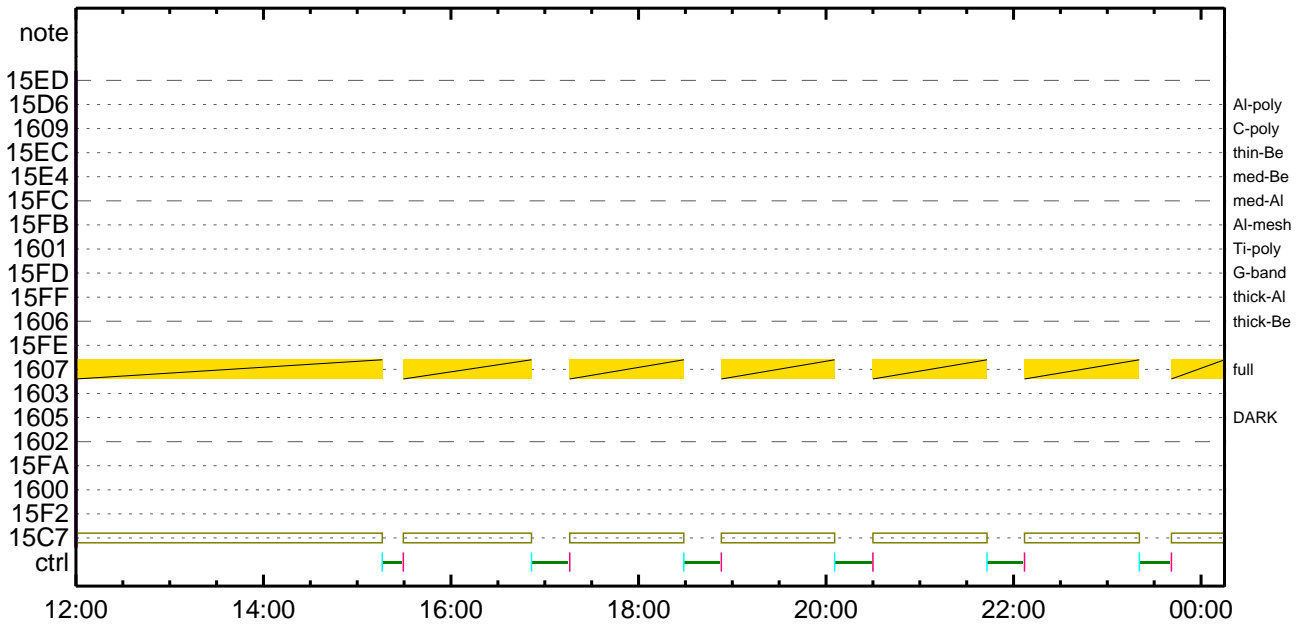
CMDI #0255 2008/11/19



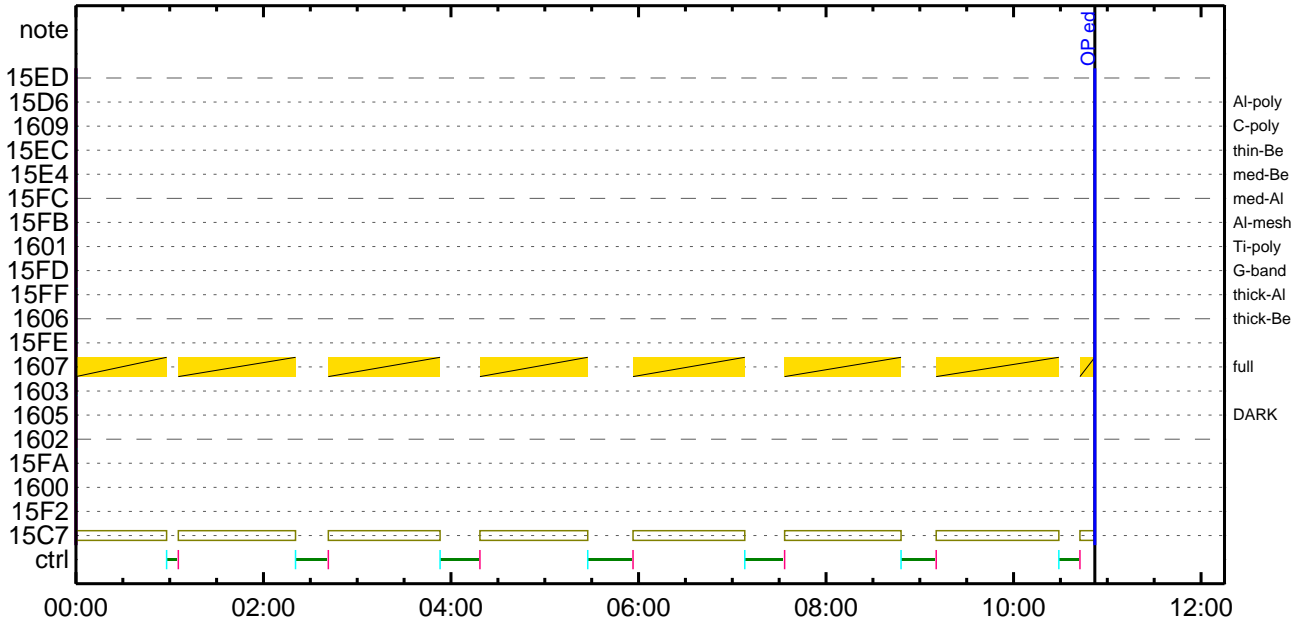
CMDI #0255 2008/11/20



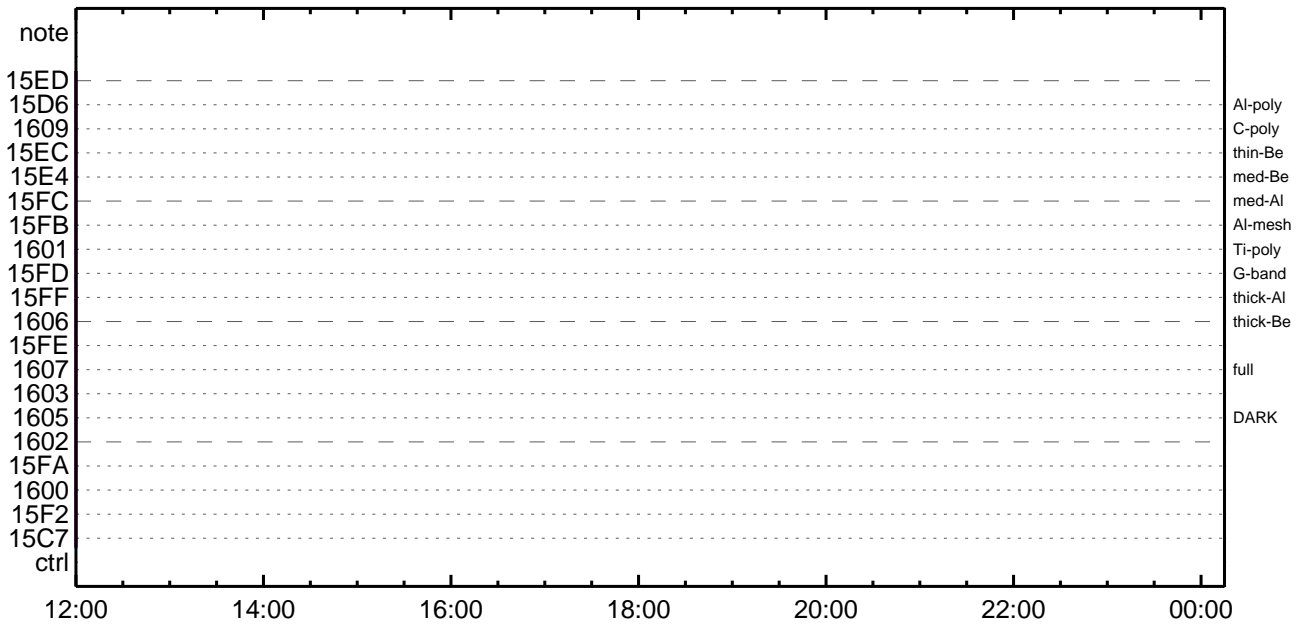
CMDI #0255 2008/11/20



CMDI #0255 2008/11/21



CMDI #0255 2008/11/21




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0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;ã
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-253:OP
0104 ( )
0105 S. OG og-253:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPîî°èYAYôYx;ã
0109 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç[HK1_PKT_FORM_NO] EQ 7
0120 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 C. YAYôYx½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG²î½E¹ç•è²îOK²³îÇ§
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. çç[HK1_PKT_FORM_NO] EQ 7
0139 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 C. YAYôYx½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG²î½E¹ç•è²îOK²³îÇ§
0146 C.
0147 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. çç[HK1_PKT_FORM_NO] EQ 7
0158 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 C. YAYôYx½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OP²î½E¹ç•è²îOK²³îÇ§
0165 C.
0166 C. ***** °E²¼²î½E¹ç•è²îOK²³îÇ§ *****
0167 C. DHUYâ;½YE;E½Y½;Yî;½YE;Eòîã¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç[HK1_PKT_FORM_NO] EQ 2
0171 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 C. NOTICE ;§ OPOG UPLOAD²-Á÷ç@NG²î½E¹ç•è²îOK²³îÇ§
0180 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0181 C.
0182 C. TIY³Y½YôYE²òðÁDîç(UT)
0183 +. TI 2008-11-15 09:47:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2008-11-15 09:47:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2008-11-15 09:47:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

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(a) Spacecraft Operation Procedure (real-commands)

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main-255 2008-11-15 15:27:10 108 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YF¥ÖYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¿¿ãÁã•µ°È»Í×ÁÇ¿íYçYÁY×Yí;¼YÉ;ÈÈè%µ•ííÉ;ÈÈÈ¼°ÇÓã•ã¿¼í¹çãí;çÁ®, ùã¹ãèãÈãÇÁ+¿®ã•ãÈããã³ãÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. SOT table upload
0016 C. *****
0017 . C. < Stop FG table >
0018 +. DC 07-F0 MDP_FG_CTRL_MANU
0019 BC (51)
0020 . C. -----
0021 C. MDP_FG_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload FG Observation Table>
0025 . S. RAM ram-261:MDP_OBS_F
0026 ( )
0027 C.
0028 . C. < Dump RAMID=MDP_OBS_F >
0029 +. DC 07-F0 MDP_DUMP_FGTBL
0030 BC (82 07 00 00 00 38 b8)
0031 C. -----
0032 C. MDP_OBS_F verify = OK/NG [ ]
0033 C. -----
0034 C.
0035 C. *****
0036 C. SOT TI command set
0037 C. *****
0038 C. Execute, after the success of TBL upload.
0039 +. TI 2008-11-15 09:51:18.0
0040 DC 07-F0 MDP_SOT_MODE_OBSV
0041 BC (40)
0042 . C. -----
0043 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0044 C. -----
0045 C.
0046 C.
0047 C. ***** XRT START *****
0048 C.
0049 +. DC 07-F0 MDP_XRT_CTRL_MANU
0050 BC (c1)
0051 + DC 07-F0 MDP_XRT_MODE_STBY
0052 BC (c3)
0053 . C. ----- Success Verify ? OK / NG____
0054 C.
0055 C. XRT Obs. Table Upload
0056 . S. RAM ram-291:MDP_OBS_X
0057 ( )
0058 C.
0059 +. DC 07-F0 MDP_DUMP_XRTTBL
0060 BC (84 07 00 00 00 3a d4)
0061 . C. ----- Comparison Check ? OK / ERR ____
0062 C.
0063 C.
0064 +. DC 07-F0 MDP_XRT_ROI_SET
0065 BC (cd 01 b1 b1 04 04)
0066 + DC 07-F0 MDP_XRT_ROI_SET
0067 BC (cd 02 b1 b1 08 08)
0068 + DC 07-F0 MDP_XRT_ROI_SET
0069 BC (cd 03 b1 b1 08 08)
0070 + DC 07-F0 MDP_XRT_ROI_SET
0071 BC (cd 04 b1 b1 06 06)
0072 + DC 07-F0 MDP_XRT_ROI_SET
0073 BC (cd 06 80 80 06 06)
0074 + DC 07-F0 MDP_XRT_ROI_SET
0075 BC (cd 07 80 80 20 20)
0076 + DC 07-F0 MDP_XRT_ROI_SET
0077 BC (cd 0f 80 80 04 04)
0078 + DC 07-F0 MDP_XRT_ROI_SET
0079 BC (cd 10 80 80 10 10)
0080 . C. ----- Success Verify ? OK / NG ____
0081 C.
0082 C.
0083 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0084 C.
0085 +. DC 07-F0 MDP_XRT_MODE_OBSV
0086 BC (c2)
0087 +. TI 2008-11-15 09:51:02.0
0088 DC 07-F0 MDP_XRT_MODE_OBSV
0089 BC (c2)
0090 . C. ----- Success Verify ? OK / NG ____
0091 C.
0092 C. ***** XRT END *****
0093 C.
0094 . C. ***** MDP 'úÁíãí»¿¼YãÉÁã¹ãÈDCBC•x²è *****
0095 C. (%ã°íYÖYÁYÈY¥YÉYáYçYèÈ%¼ãã¼Á»Û¹ãè)
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0096 . S. DC-BC dcbc-402:DCBC
0097 (MDP_known_event)
0098 C.
0099 C.
0100 . C. ***** ¥Ð¥¹•İ Daily±;İÑñĒ'Øα¹αēDCBC•x²è *****
0101 . S. DC-BC dcbc-153:DCBC
0102 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0103 C.
0104 C.
0105 . C. ;äLOS¥Á¥$¥Ä¥~¼Ä»Û;ä
0106 C.
0107 . C. ***** LOS *****
0108 C.
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XRT_OGLIST_0255.chk

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*** OP Sequence for XRT ***

2008/11/15	10:02:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	02	00	00	00	00
2008/11/15	10:17:00.5	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2008/11/15	10:17:02.5	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2008/11/15	10:17:22.5	XRT_QT_PROG_SET_431_OG [0x1af]							
		MDP_XRT_QT_PROG_SET	2	07-F0					c4 06
2008/11/15	10:19:00.5	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0					d0
2008/11/15	10:19:02.5	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0					d5
2008/11/15	10:19:04.5	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0					d9
2008/11/15	10:19:06.5	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0					c9
2008/11/15	10:19:08.5	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2008/11/15	10:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2008/11/15	10:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2008/11/15	11:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	04	00	00	00	00
2008/11/15	11:00:16.0	XRT_QT_PROG_SET_424_OG [0x1a8]							
		MDP_XRT_QT_PROG_SET	2	07-F0					c4 12
2008/11/15	11:01:54.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0					d0
2008/11/15	11:01:56.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0					d5
2008/11/15	11:01:58.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0					d9
2008/11/15	11:02:00.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0					c9
2008/11/15	11:02:02.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2008/11/15	14:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2008/11/15	14:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2008/11/15	15:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	01	00	00	00	00
2008/11/15	15:00:16.0	XRT_QT_PROG_SET_413_OG [0x19d]							
		MDP_XRT_QT_PROG_SET	2	07-F0					c4 04
2008/11/15	15:01:54.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0					d0
2008/11/15	15:01:56.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0					d5
2008/11/15	15:01:58.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0					d9
2008/11/15	15:02:00.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0					c9
2008/11/15	15:02:02.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2008/11/15	15:25:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2008/11/15	15:38:30.0	XRT_Custom_430_OG [0x1ae]							
2008/11/15	15:39:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2008/11/15	15:47:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2008/11/15	15:48:00.0	XRT_Custom_430_OG [0x1ae]							
2008/11/15	15:49:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2008/11/15	17:01:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2008/11/15	17:25:00.0	XRT_Custom_430_OG [0x1ae]							
2008/11/15	17:26:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2008/11/15	17:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2008/11/15	17:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2008/11/15	18:00:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00	00	00	00	00
2008/11/15	18:00:16.0	XRT_QT_PROG_SET_411_OG [0x19b]							
		MDP_XRT_QT_PROG_SET	2	07-F0					c4 0a
2008/11/15	18:00:18.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0					d9
2008/11/15	18:00:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0					c9
2008/11/15	18:00:22.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0					d5
2008/11/15	18:02:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2008/11/15	18:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2008/11/15	18:09:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2008/11/15	18:10:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	04	00	00	00	00

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2008/11/15	18:10:16.0	XRT_QT_PROG_SET_424_OG [0x1a8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	12			
2008/11/15	18:11:54.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2008/11/15	18:11:56.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/11/15	18:11:58.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/11/15	18:12:00.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/11/15	18:12:02.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/15	18:38:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/16	06:14:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/16	06:14:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2008/11/16	06:14:30.0	AOCS_OrE-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00	00	00	00	00
2008/11/16	06:14:46.0	XRT_QT_PROG_SET_412_OG [0x19c]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	08			
2008/11/16	06:14:48.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/11/16	06:14:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/11/16	06:14:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/11/16	06:16:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/16	06:24:30.0	AOCS_OrE-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	04	00	00	00	00
2008/11/16	10:49:32.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/16	10:49:34.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2008/11/16	10:49:54.0	XRT_QT_PROG_SET_424_OG [0x1a8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	12			
2008/11/16	10:51:32.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2008/11/16	10:51:34.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/11/16	10:51:36.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/11/16	10:51:38.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/11/16	10:51:40.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/16	14:29:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/16	14:34:00.0	XRT_Custom_430_OG [0x1ae]							
2008/11/16	14:35:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/16	14:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/16	14:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2008/11/16	15:00:00.0	AOCS_OrE-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	01	00	00	00	00
2008/11/16	15:00:16.0	XRT_QT_PROG_SET_413_OG [0x19d]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	04			
2008/11/16	15:01:54.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2008/11/16	15:01:56.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/11/16	15:01:58.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/11/16	15:02:00.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/11/16	15:02:02.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/16	16:01:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/16	16:25:00.0	XRT_Custom_430_OG [0x1ae]							
2008/11/16	16:26:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/11/16	17:38:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/16	18:01:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/11/16	18:01:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2008/11/16	18:01:30.0	AOCS_OrE-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00	00	00	00	00
2008/11/16	18:01:46.0	XRT_QT_PROG_SET_411_OG [0x19b]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a			
2008/11/16	18:01:48.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/11/16	18:01:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/11/16	18:01:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/11/16	18:03:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]							

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2008/11/16	18:11:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/16	18:11:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/16	18:11:30.0	AOCS_Orе-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2008/11/16	18:11:46.0	XRT_QT_PROG_SET_424_OG [0x1a8]	AOCU_NM	5	02-76	04 00 00 00 00
2008/11/16	18:13:24.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2008/11/16	18:13:26.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_AEC_RESET	1	07-F0	d0
2008/11/16	18:13:28.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5
2008/11/16	18:13:30.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLD_DIS	1	07-F0	d9
2008/11/16	18:13:32.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/11/16	19:15:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/16	19:38:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/16	19:39:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/16	20:52:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/16	21:16:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/16	21:17:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/16	22:30:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/16	22:51:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/16	22:52:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/17	00:07:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/17	00:17:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/17	00:18:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/17	01:33:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/17	01:50:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/17	01:51:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/17	03:06:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/17	03:27:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/17	03:28:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/17	04:35:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/17	05:04:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/17	05:05:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/17	05:48:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/17	05:48:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2008/11/17	05:48:30.0	AOCS_Orе-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00 00 00 00 00
2008/11/17	05:48:46.0	XRT_QT_PROG_SET_412_OG [0x19c]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2008/11/17	05:48:48.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9
2008/11/17	05:48:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/11/17	05:48:52.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_ARS_DIS	1	07-F0	d5
2008/11/17	05:50:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/17	05:58:30.0	AOCS_Orе-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00 d2 36 bb 4c
2008/11/17	09:54:32.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/17	09:54:34.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2008/11/17	09:54:54.0	XRT_QT_PROG_SET_424_OG [0x1a8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2008/11/17	09:56:32.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0
2008/11/17	09:56:34.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5
2008/11/17	09:56:36.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9
2008/11/17	09:56:38.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/11/17	09:56:40.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/17	14:55:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/17	14:55:56.0	XRT_FOCUS_RECALIBRATE_418_OG [0x1a2]	XRT_FOCUS_RECAL	2	07-F8	78 00
2008/11/17	14:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]				

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2008/11/17	15:00:00.0	AOCS_Or-e-point_Start_6_OG [0x09c]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
		AOCU_NM		5	02-76	03	00	00	00
2008/11/17	15:00:16.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b		
2008/11/17	15:01:54.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2008/11/17	15:01:56.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2008/11/17	15:01:58.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2008/11/17	15:02:00.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2008/11/17	15:02:02.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/11/17	15:03:00.5	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/11/17	15:14:30.0	XRT_Custom_430_OG [0x1ae]							
2008/11/17	15:15:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/11/17	16:38:00.5	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/11/17	17:01:30.0	XRT_Custom_430_OG [0x1ae]							
2008/11/17	17:02:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/11/17	17:51:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/11/17	17:51:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2008/11/17	17:51:30.0	AOCS_Or-e-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00	00	00	00
2008/11/17	17:51:46.0	XRT_QT_PROG_SET_411_OG [0x19b]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a		
2008/11/17	17:51:48.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2008/11/17	17:51:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2008/11/17	17:51:52.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2008/11/17	17:53:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/11/17	18:01:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/11/17	18:01:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2008/11/17	18:01:30.0	AOCS_Or-e-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00	d2	36	bb
2008/11/17	18:01:46.0	XRT_QT_PROG_SET_424_OG [0x1a8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	12		
2008/11/17	18:03:24.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2008/11/17	18:03:26.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2008/11/17	18:03:28.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2008/11/17	18:03:30.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2008/11/17	18:03:32.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/11/17	18:15:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/11/17	18:38:30.0	XRT_Custom_430_OG [0x1ae]							
2008/11/17	18:39:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/11/17	19:52:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/11/17	20:15:30.0	XRT_Custom_430_OG [0x1ae]							
2008/11/17	20:16:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/11/17	21:29:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/11/17	21:52:30.0	XRT_Custom_430_OG [0x1ae]							
2008/11/17	21:53:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/11/17	23:07:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/11/17	23:27:30.0	XRT_Custom_430_OG [0x1ae]							
2008/11/17	23:28:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/11/18	00:44:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/11/18	00:51:30.0	XRT_Custom_430_OG [0x1ae]							
2008/11/18	00:52:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/11/18	02:07:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/11/18	05:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/11/18	05:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2008/11/18	06:00:00.0	AOCS_Or-e-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00	00	00	00
2008/11/18	06:00:16.0	XRT_QT_PROG_SET_412_OG [0x19c]							

2008/11/18	06:00:18.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08
2008/11/18	06:00:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2008/11/18	06:00:22.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2008/11/18	06:02:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2008/11/18	06:10:00.0	AOCS_Ore-point_Start_5_OG [0x09b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/11/18	06:54:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	AOCU_NM	5	02-76	00 d2 36 bb 4c	
2008/11/18	07:19:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/11/18	07:20:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0	
2008/11/18	08:34:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/11/18	08:56:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/11/18	08:57:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0	
2008/11/18	10:14:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/11/18	10:29:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/11/18	10:30:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0	
2008/11/18	10:49:00.0	AOCS_Ore-point_Start_4_OG [0x09a]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/11/18	15:39:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	AOCU_NM	5	02-76	00 00 00 00 00	
2008/11/18	15:52:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/11/18	15:53:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0	
2008/11/18	15:56:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/11/18	16:01:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/11/18	16:02:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0	
2008/11/18	17:14:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/11/18	17:38:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/11/18	17:39:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0	
2008/11/18	18:52:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/11/18	19:15:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/11/18	19:16:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0	
2008/11/18	20:29:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/11/18	20:52:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/11/18	20:53:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0	
2008/11/18	22:06:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/11/18	22:29:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/11/18	22:30:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0	
2008/11/18	23:44:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/11/18	23:57:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/11/18	23:58:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0	
2008/11/19	01:13:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/11/19	01:27:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/11/19	01:28:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0	
2008/11/19	02:43:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/11/19	03:03:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/11/19	03:04:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0	
2008/11/19	04:11:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/11/19	04:41:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/11/19	04:42:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0	
2008/11/19	05:52:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/11/19	06:18:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/11/19	06:19:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0	
2008/11/19	07:32:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/11/19	07:56:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/11/19	07:57:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0	
2008/11/19	09:12:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/11/19	09:32:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/11/19	09:33:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0	
2008/11/19	09:33:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	

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2008/11/19	10:54:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/19	11:00:30.0	XRT_Custom_430_OG [0x1ae]			
2008/11/19	11:01:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/19	14:41:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/19	14:49:30.0	XRT_Custom_430_OG [0x1ae]			
2008/11/19	14:50:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/19	16:15:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/19	16:38:30.0	XRT_Custom_430_OG [0x1ae]			
2008/11/19	16:39:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/19	17:51:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/19	18:15:00.0	XRT_Custom_430_OG [0x1ae]			
2008/11/19	18:16:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/19	19:28:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/19	19:52:00.0	XRT_Custom_430_OG [0x1ae]			
2008/11/19	19:53:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/19	21:06:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/19	21:29:30.0	XRT_Custom_430_OG [0x1ae]			
2008/11/19	21:30:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/19	22:43:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/19	23:05:00.0	XRT_Custom_430_OG [0x1ae]			
2008/11/19	23:06:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/20	00:21:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/20	00:30:00.0	XRT_Custom_430_OG [0x1ae]			
2008/11/20	00:31:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/20	01:45:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/20	02:04:00.0	XRT_Custom_430_OG [0x1ae]			
2008/11/20	02:05:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/20	03:20:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/20	03:40:30.0	XRT_Custom_430_OG [0x1ae]			
2008/11/20	03:41:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/20	04:49:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/20	05:18:00.0	XRT_Custom_430_OG [0x1ae]			
2008/11/20	05:19:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/20	06:30:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/20	06:55:30.0	XRT_Custom_430_OG [0x1ae]			
2008/11/20	06:56:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/20	08:10:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/20	08:33:00.0	XRT_Custom_430_OG [0x1ae]			
2008/11/20	08:34:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/20	09:50:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/20	10:07:30.0	XRT_Custom_430_OG [0x1ae]			
2008/11/20	10:08:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/20	15:16:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/20	15:28:30.0	XRT_Custom_430_OG [0x1ae]			
2008/11/20	15:29:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/20	16:51:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/20	17:15:00.0	XRT_Custom_430_OG [0x1ae]			
2008/11/20	17:16:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/20	18:29:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/20	18:52:00.0	XRT_Custom_430_OG [0x1ae]			
2008/11/20	18:53:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/20	20:05:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/20	20:29:00.0	XRT_Custom_430_OG [0x1ae]			
2008/11/20	20:30:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/11/20	21:43:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/11/20	22:06:00.0	XRT_Custom_430_OG [0x1ae]			

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2008/11/20	22:07:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2008/11/20	23:20:30.0	XRT_CTRL_MANU_435_OG [0x1b3]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2008/11/20	23:40:00.0	XRT_Custom_430_OG [0x1ae]		
2008/11/20	23:41:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2008/11/21	00:58:00.0	XRT_CTRL_MANU_435_OG [0x1b3]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2008/11/21	01:04:30.0	XRT_Custom_430_OG [0x1ae]		
2008/11/21	01:05:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2008/11/21	02:20:30.0	XRT_CTRL_MANU_435_OG [0x1b3]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2008/11/21	02:40:30.0	XRT_Custom_430_OG [0x1ae]		
2008/11/21	02:41:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2008/11/21	03:53:00.0	XRT_CTRL_MANU_435_OG [0x1b3]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2008/11/21	04:17:30.0	XRT_Custom_430_OG [0x1ae]		
2008/11/21	04:18:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2008/11/21	05:27:30.0	XRT_CTRL_MANU_435_OG [0x1b3]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2008/11/21	05:55:30.0	XRT_Custom_430_OG [0x1ae]		
2008/11/21	05:56:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2008/11/21	07:08:00.0	XRT_CTRL_MANU_435_OG [0x1b3]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2008/11/21	07:32:30.0	XRT_Custom_430_OG [0x1ae]		
2008/11/21	07:33:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2008/11/21	08:48:00.0	XRT_CTRL_MANU_435_OG [0x1b3]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2008/11/21	09:09:30.0	XRT_Custom_430_OG [0x1ae]		
2008/11/21	09:10:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2008/11/21	10:29:00.0	XRT_CTRL_MANU_435_OG [0x1b3]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2008/11/21	10:41:30.0	XRT_Custom_430_OG [0x1ae]		
2008/11/21	10:42:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0