

XRT Timeline to be uploaded on 2008/10/18

Period: 2008/10/18 11:00:00 - 2008/10/23 09:59:00

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Normal mode

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XOB #15D5: Microflares - Be/thin 11sec AEC 256x256 Q98												
Term	Pointing (x, y)		Comment									
10/18 11:12:02 - 10/18 13:27:00	Track (589.3, 376.2)	@ 10/18 11:10:00	# OP start + 10min, HOP 88, cont.									
10/18 13:58:02 - 10/18 17:35:30	Track (-260.4, 435.9)	@ 10/18 13:56:00	* Track AR in East.									
10/18 23:52:02 - 10/19 05:45:54	Track (-189.0, 434.5)	@ 10/18 23:50:00	* Track AR to the East.									
10/19 05:58:02 - 10/19 12:59:54	Track (-144.2, 434.0)	@ 10/19 05:56:00	# HOP 88 (officially from 7 UT), tracking AR in East.									
10/19 13:12:02 - 10/19 17:48:54	Track (-90.5, 433.7)	@ 10/19 13:10:00	* Continue tracking AR near central meridian.									
10/19 18:01:02 - 10/20 05:59:54	Track (-54.4, 433.7)	@ 10/19 17:59:00	# Track AR near central meridian.									
10/20 06:12:02 - 10/20 17:52:54	Track (37.0, 434.3)	@ 10/20 06:10:00	# HOP 88 (officially from 7 UT), AR near central meridian.									
10/20 18:05:02 - 10/20 23:41:30	Fixed (835.0, 415.0)		# AR at West limb.									
PROG= 14 Inf.-time(s)												
└ Subr= 1 1-time(s) 2.0sec												
└ Seqn= 42 1-time(s) 2.0sec												
thin-Be/Open	med-Be/Open	close	Safe	Norm	11.3s	Obs	1x1	256x256 (1024, 1024)	Q=98	1	0	55.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #15C7: Dither Pointing Q3 5x-ray-512x512_NO_GBAND-long exposure												
Term	Pointing (x, y)		Comment									
10/18 13:35:00 - 10/18 13:39:54	Fixed (528.4, 528.4)		* XRT dither pointing, 1 of 3.									
10/18 13:43:00 - 10/18 13:47:54	Fixed (529.4, 538.7)		* 2 of 3.									
10/18 13:51:00 - 10/18 13:55:54	Fixed (530.5, 500.6)		* 3 of 3.									
PROG= 09 1-time(s)												
└ Subr= 1 1-time(s) 30.0sec												
└ Seqn= 53 1-time(s) 30.0sec												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	64.0s	Obs	1x1	512x512 (768, 768)	DPCM	0	0	6.0sec
C-poly/Open	thin-Be/Open	close	Safe	Norm	16.0s	Obs	1x1	512x512 (768, 768)	DPCM	0	0	6.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	16.0s	Obs	1x1	512x512 (768, 768)	DPCM	0	0	6.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	11.3s	Obs	1x1	512x512 (768, 768)	DPCM	0	0	6.0sec
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	5.66s	Obs	1x1	512x512 (768, 768)	DPCM	0	0	6.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #15D6: Synoptic Q95 2x2 - Al/poly(362/5795) + Dark cal(512 Q98) + Ti-poly(512/11571) + G-band(16)												
Term	Pointing (x, y)		Comment									
10/18 18:02:00 - 10/18 18:09:54	Fixed (0.0, 0.0)		synoptic									
10/18 23:42:00 - 10/18 23:49:54	Fixed (0.0, 0.0)		* Synoptic (supplemental).									
10/19 17:51:00 - 10/19 17:58:54	Fixed (0.0, 0.0)		synoptic, shifted -11.0 min									
10/20 17:55:00 - 10/20 18:02:54	Fixed (0.0, 0.0)		synoptic, shifted -7.0 min									
PROG= 06 1-time(s)												
└ Subr= 1 1-time(s) 12.0sec												
└ Seqn= 74 1-time(s) 4.0sec												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	354ms	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=95	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= 4 1-time(s) 4.0sec												
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	11.3s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	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 #15DA: Nanoflares - Ti/poly, Al/poly 384x384 - Q95												
Term	Pointing (x, y)		Comment									
10/18 18:12:00 - 10/18 23:39:54	Track (-17.2, -100.2)	@ 10/18 18:10:00	# HOP 91, QS nanoflare study.									
PROG= 13 Inf.-time(s)												
└ Subr= 1 1-time(s) 2.0sec												
└ Seqn= 47 1-time(s) 4.0sec												
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	22.6s	Obs	1x1	384x384 (1048, 1064)	Q=98	0	0	25.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	32.0s	Obs	1x1	384x384 (1048, 1064)	Q=98	0	0	25.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #15E4: Synoptic Q95 2x2 - Al/mesh(256/4096) + Dark cal(362 Q98) + Ti-poly(512/11571) + G-band(16)												
Term	Pointing (x, y)		Comment									
10/19 05:48:00 - 10/19 05:55:54	Fixed (0.0, 0.0)		synoptic, shifted -14.0 min									
10/19 13:02:00 - 10/19 13:09:54	Fixed (0.0, 0.0)		* Synoptic (supplemental).									
10/20 06:02:00 - 10/20 06:09:54	Fixed (0.0, 0.0)		synoptic									
10/21 06:28:00 - 10/21 06:35:54	Fixed (0.0, 0.0)		synoptic, shifted 26.0 min									
PROG= 16 1-time(s)												
└ Subr= 1 1-time(s) 12.0sec												
└ Seqn= 13 1-time(s) 4.0sec												

Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	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= 4		1-time(s)		4.0sec								
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	11.3s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	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 #1575: AR multifilter - Al/mesh,Ti/Poly,Al/Poly,Thin-Be FOV384 AEC1 Q95-high cadence(3min)

Term	Pointing (x, y)	Comment
10/21 00:02:02 - 10/21 06:25:54	Fixed (835.0, 415.0)	# AR at West limb.
10/21 06:38:02 - 10/21 11:22:54	Fixed (835.0, 415.0)	# Cont.

PROG= 07 Inf.-time(s)

Subr= 1		1-time(s)		180.0sec								
Seqn= 63		1-time(s)		4.0sec								
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	8.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	11.3s	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	8.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	1x1	384x384 (1024, 1024)	Q=95	1	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

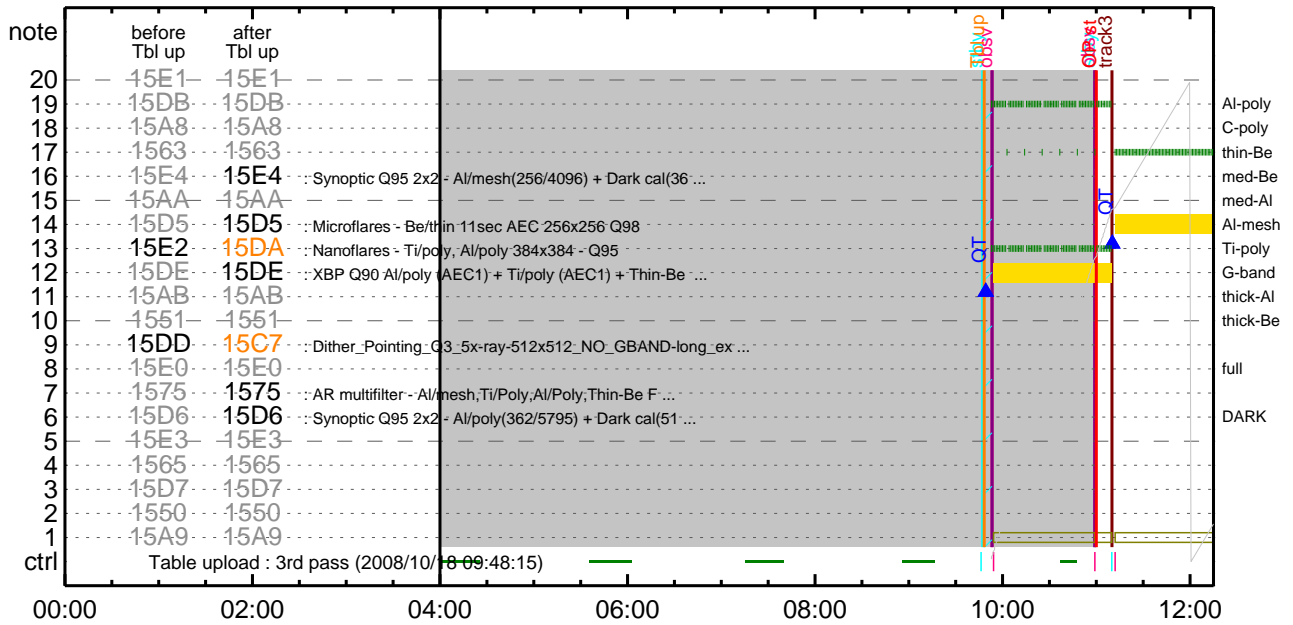
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Flare Detection

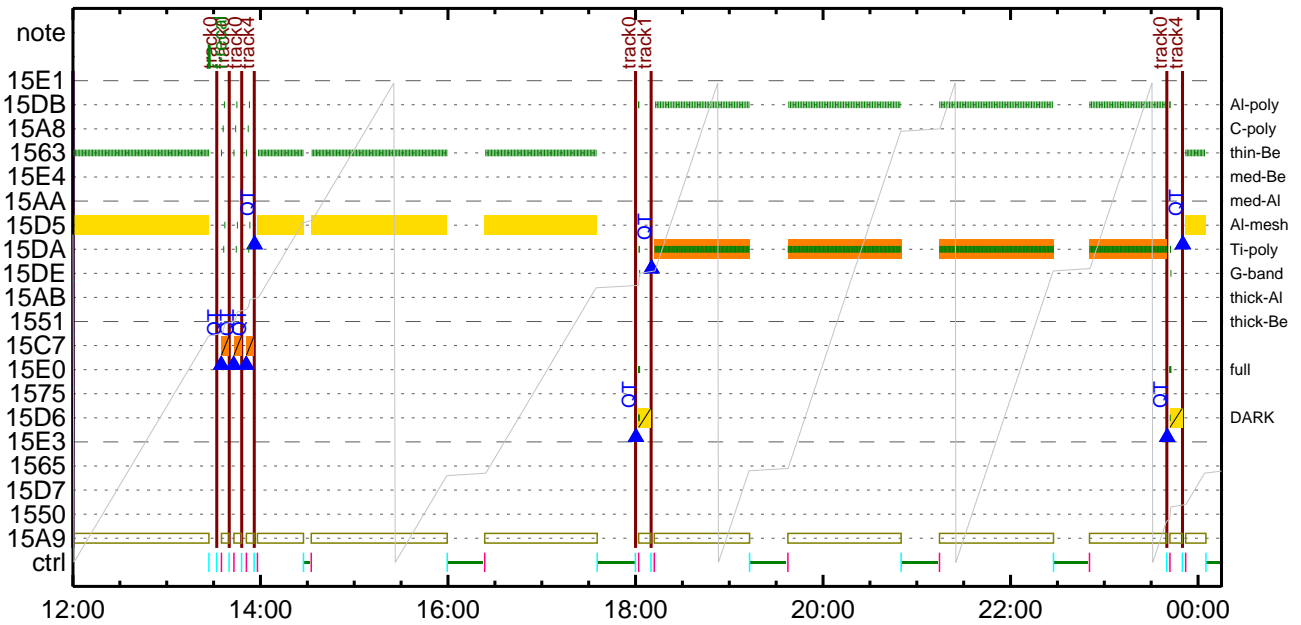
* * * * *

NOT USED

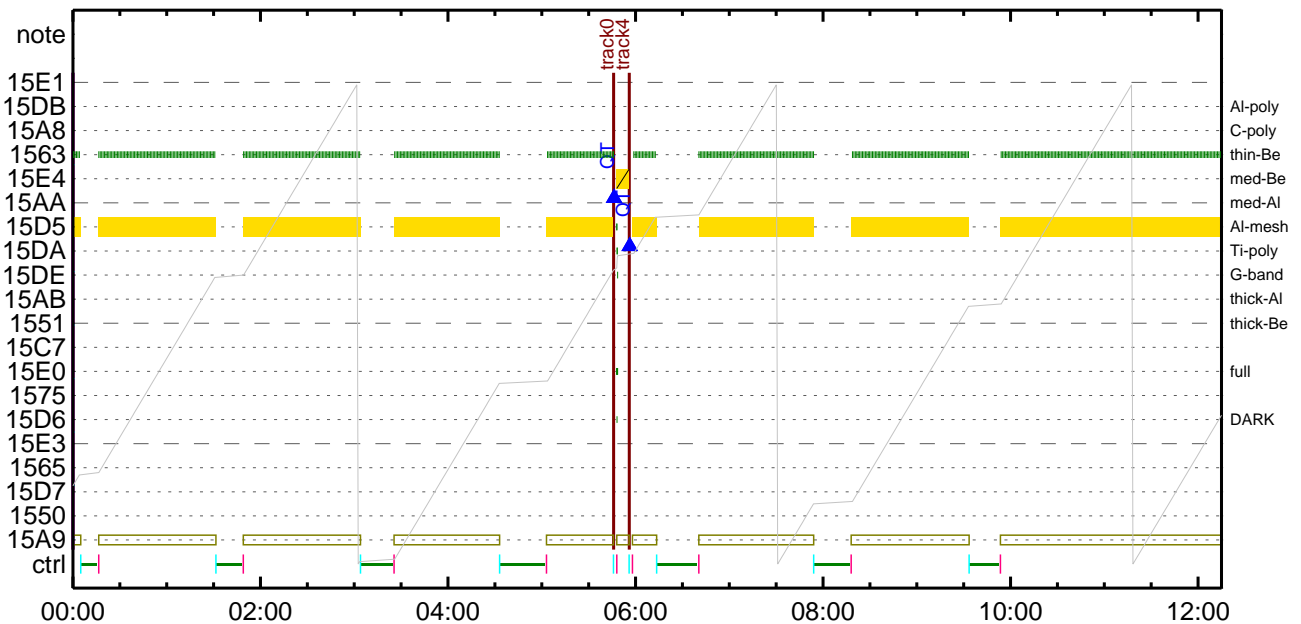
CMDI #0195 2008/10/18



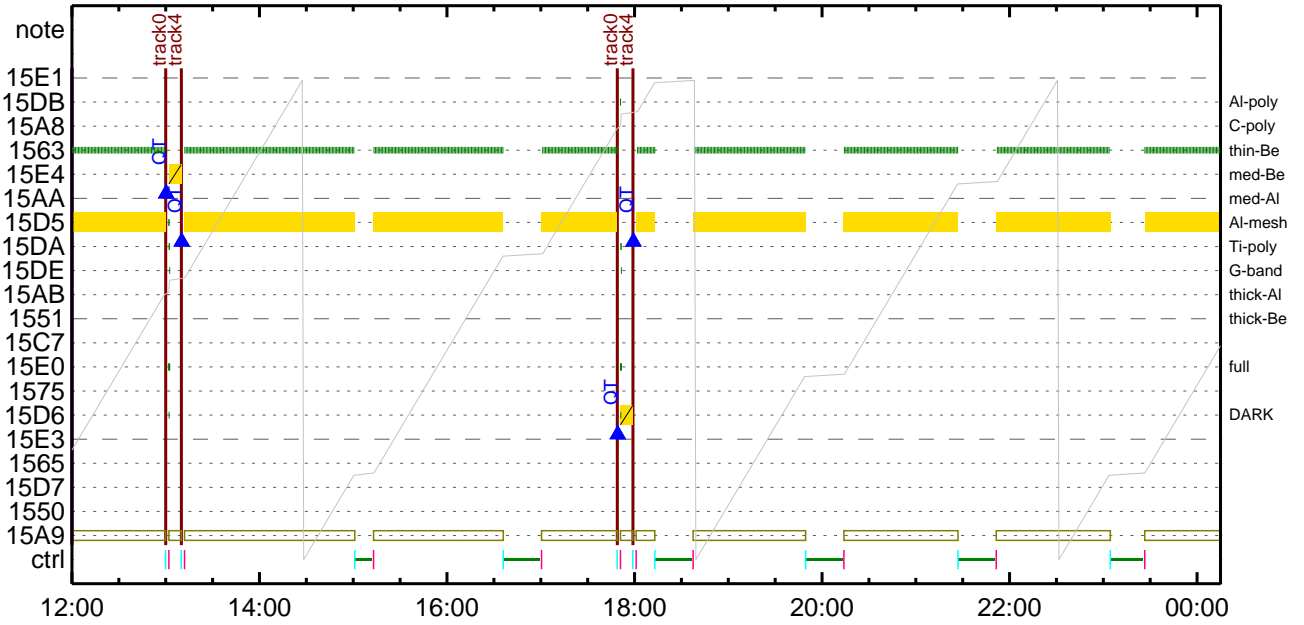
CMDI #0195 2008/10/18



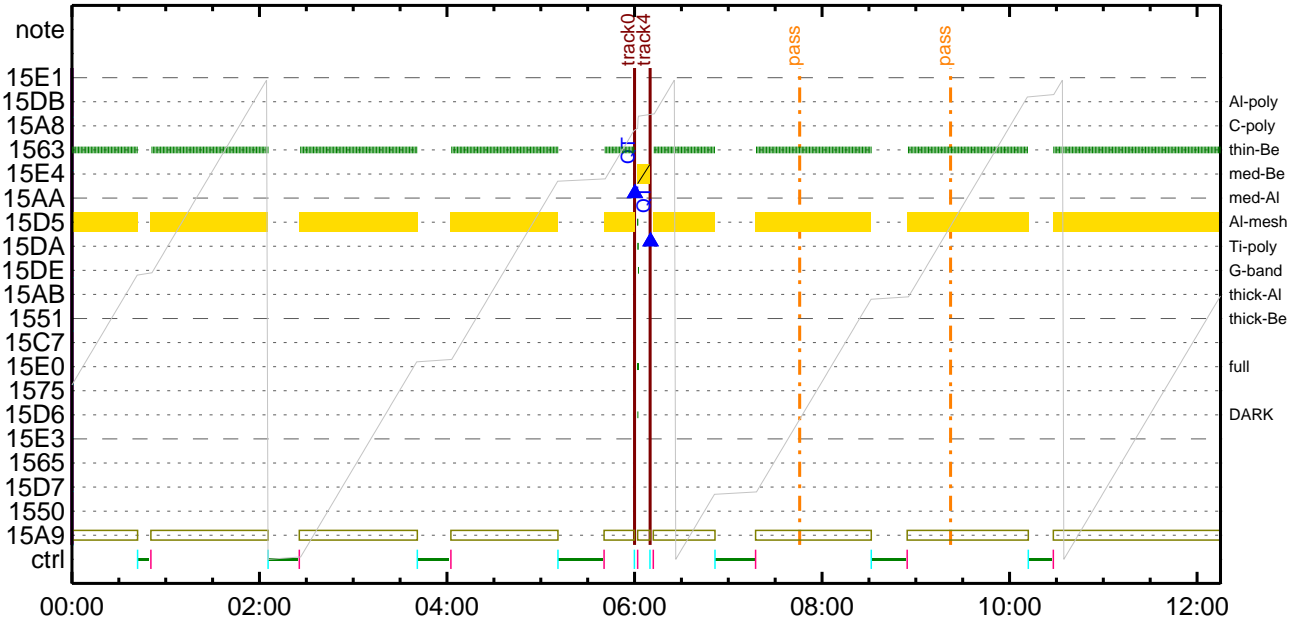
CMDI #0195 2008/10/19



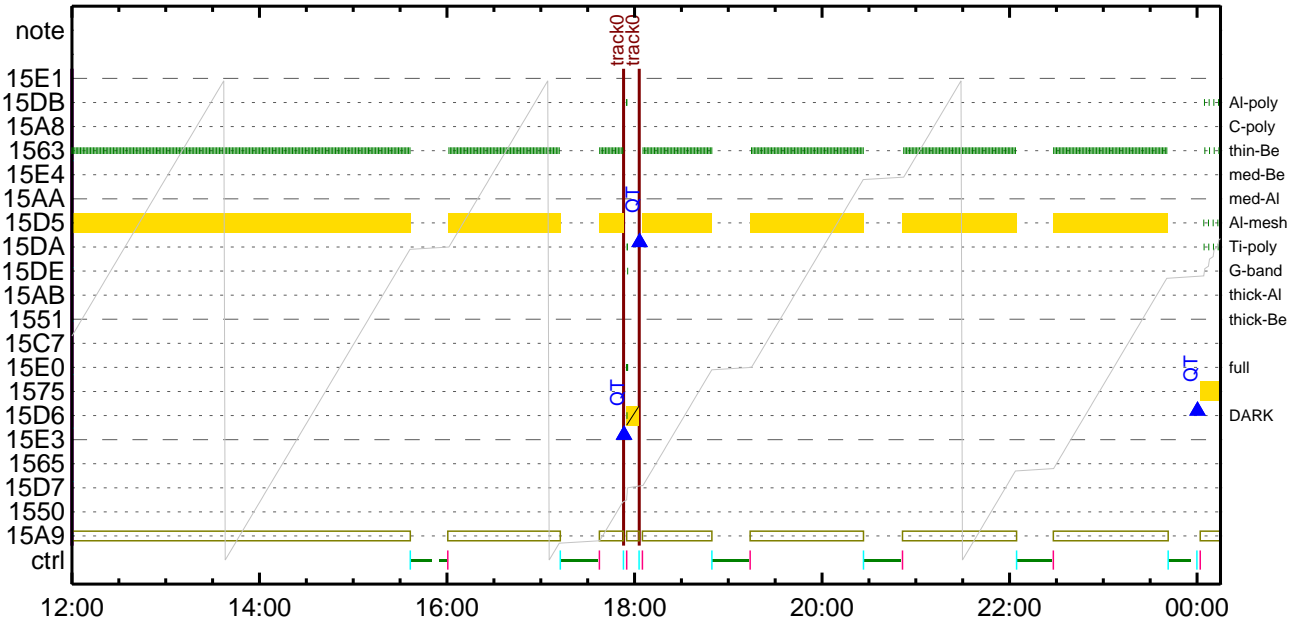
CMDI #0195 2008/10/19



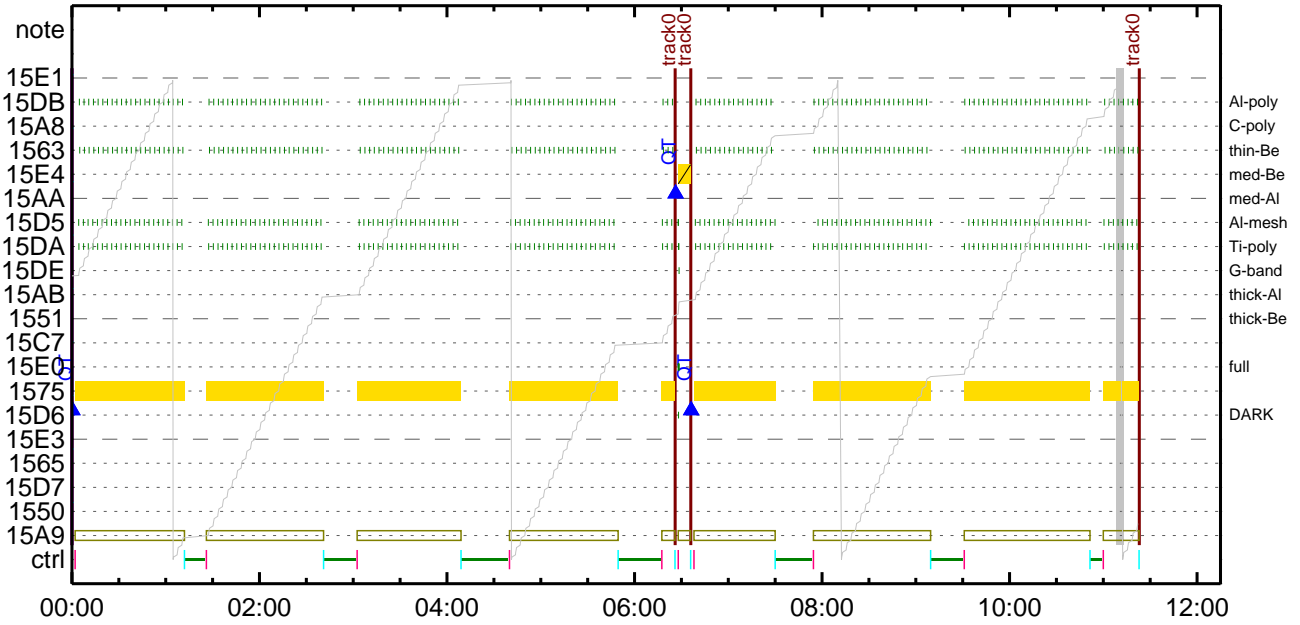
CMDI #0195 2008/10/20



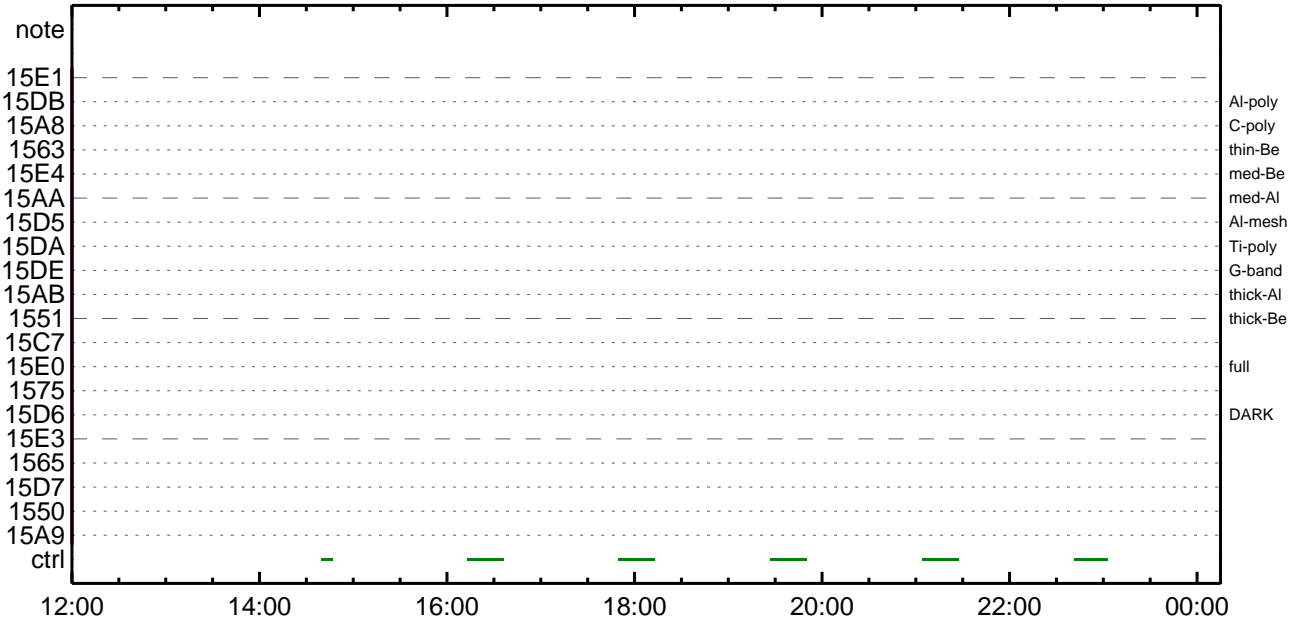
CMDI #0195 2008/10/20



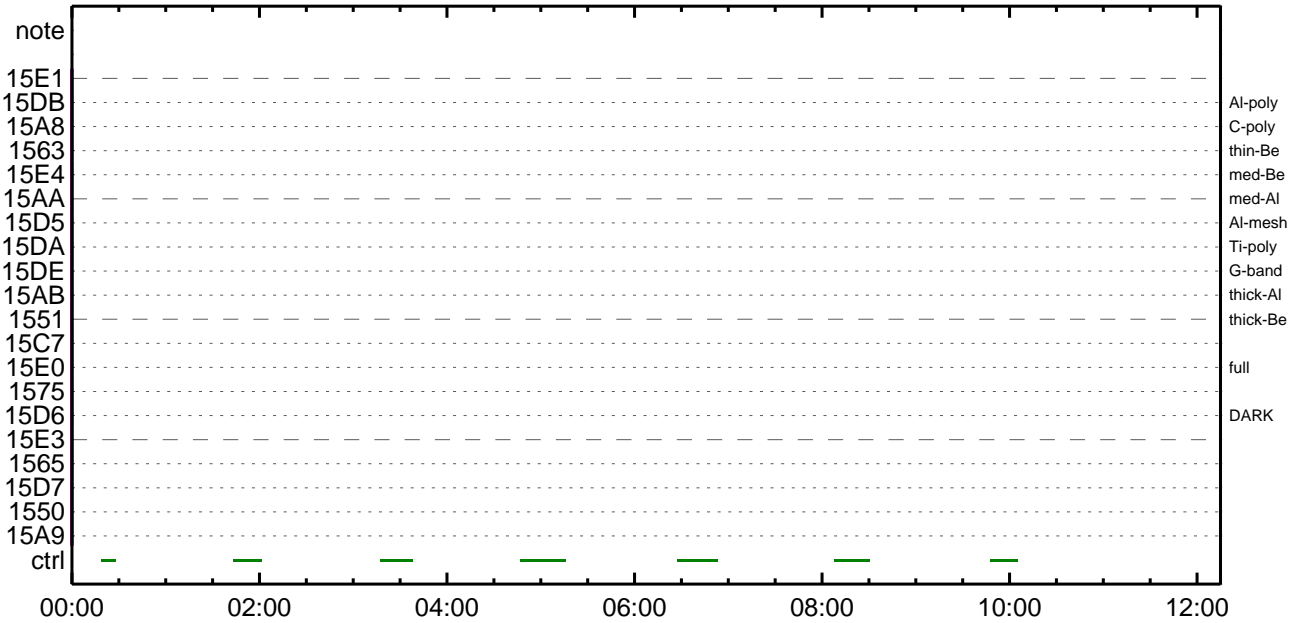
CMDI #0195 2008/10/21



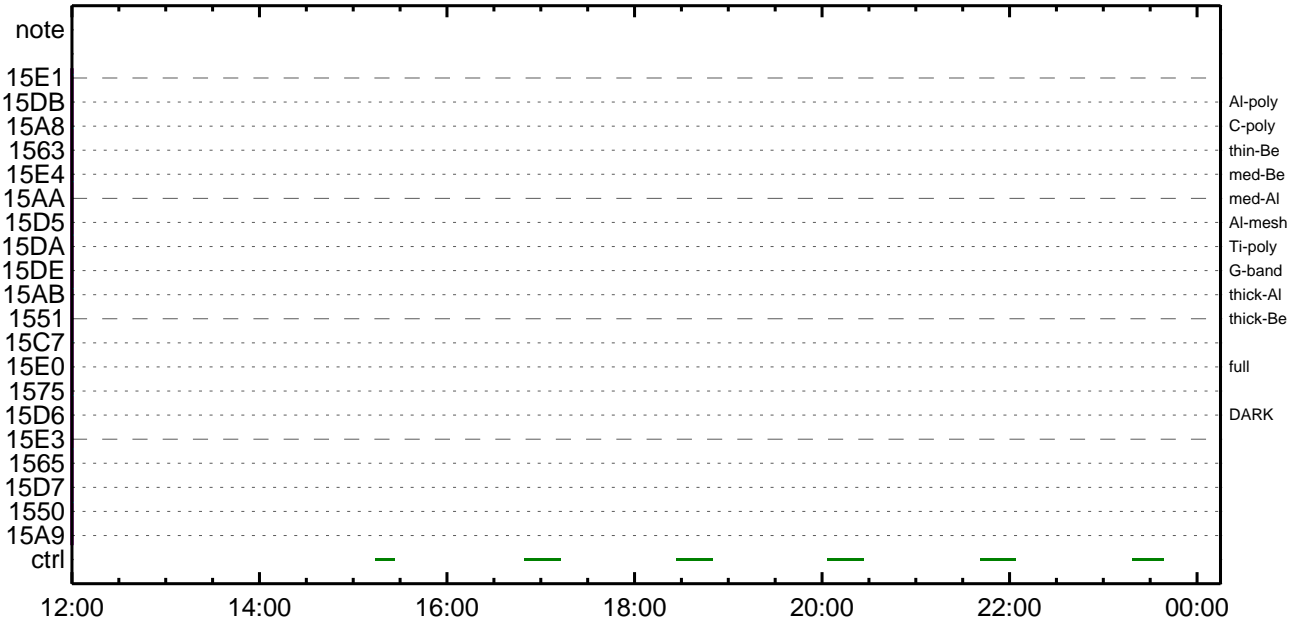
CMDI #0195 2008/10/21



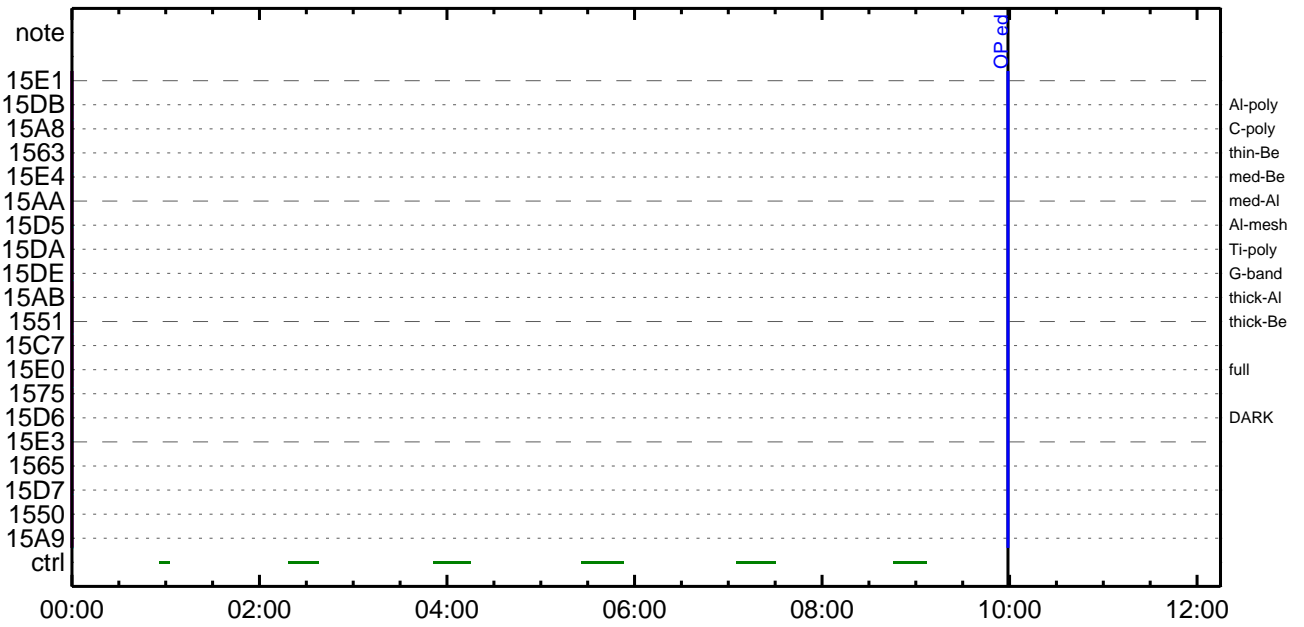
CMDI #0195 2008/10/22



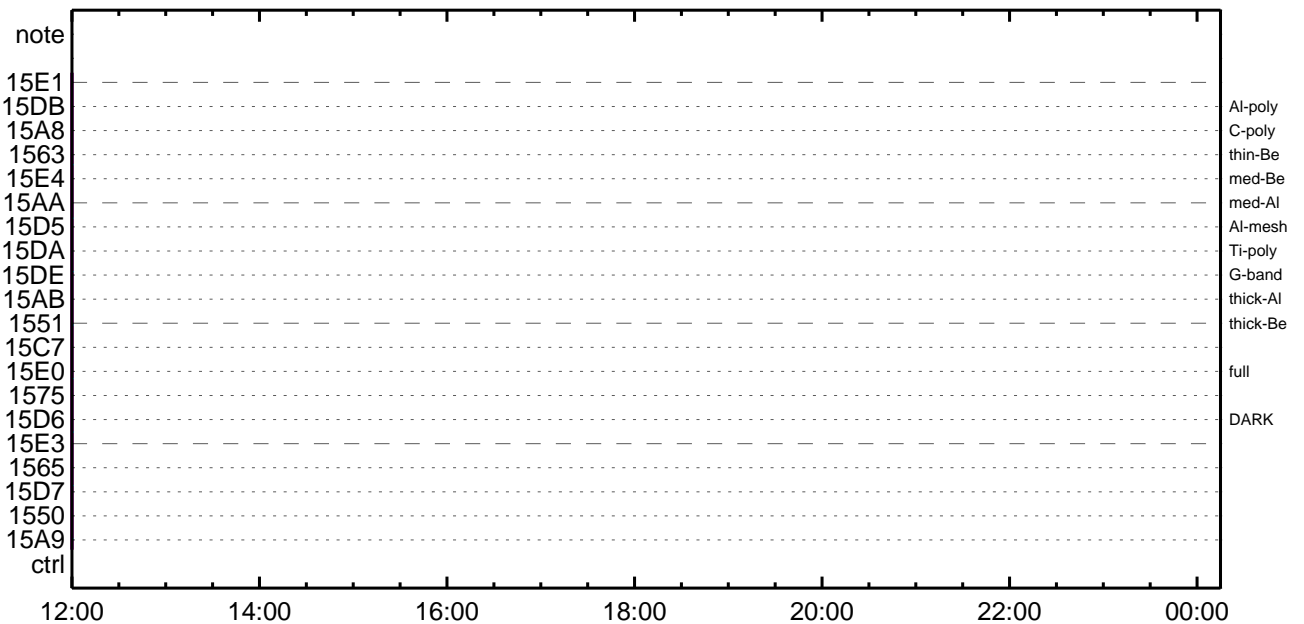
CMDI #0195 2008/10/22



CMDI #0195 2008/10/23



CMDI #0195 2008/10/23




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0096 C.
0097 C.
0098 C.
0099 C. *****
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;¼YÉ;ä
0103 S. OP op-202:OP
0104 ( )
0105 S. OG og-202:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPíî°èYÄYóYx;ä
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. YÄYóYx¼ªª î»òð³ ÎÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOGñî¼Ê¹ç•è² ïOKòð³ ÎÇ§
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. YÄYóYx¼ªª î»òð³ ÎÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOGñî¼Ê¹ç•è² ïOKòð³ ÎÇ§
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. YÄYóYx¼ªª î»òð³ ÎÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG,RAM ID=OPñî¼Ê¹ç•è² ïOKòð³ ÎÇ§
0165 C.
0166 C. ***** òÊ²¼ò Î¼Ã´¶ÁºòÊÊ-òºÁ÷¿® (¼âµ-YÄYóYx¼ÊªçòðÁÔÃæòÇ¼ªª ºðÊ¼î¹çòÇðâ) *****
0167 C. DHUªâ;¼YÉ;Ê¼Y½,Yî;¼YÉ;ËòðÎã¹
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 UPLOADñ-Á÷¿®NGñî¼Ê¹ç;çºÊ²¼ò ÎTI-CMDÁ÷¿®ñî¼Ê¹ÔªºðÊ²²²³òÊ;ç
0180 C. òð³òç;çSETòEDUMPAÏÆ±ºiYÑY¹ç¹Ôª|ò³òÊ;ç
0181 C.
0182 C. TIY³YþYóYÉòðÁÐÎ¿(UT)
0183 +. TI 2008-10-18 10:55:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2008-10-18 10:55:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2008-10-18 10:55:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
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0194 C.
0195 +. TI 2008-10-18 10:59:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.      [HK1_TI_CMD_NUM]      EQ      1COUNTUP
0198 C.
0199 C. °È²¼İÄÈ%İİñİŷÄŷ§ŷÄŷ-¹àİŰ
0200 C.      [HK1_TI_CMD_ENA/DIS]      EQ      ENA
0201 C.      [HK1_TI_CMD_NUM]      EQ      4
0202 C.      [HK1_NEXT_EXEC_PIM]      EQ      DHU
0203 C.      [HK1_NEXT_EXEC_DC]      EQ      0xB3
0204 C.
0205 C. *****
0206 C. Tİİİ°ÈŷÄŷÖŷ×
0207 C. *****
0208 C.
0209 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC      (03 ab 03 01 02)
0212 C.      [HK1_DMP_TOP_ADRS_1]      EQ      07
0213 C.      [HK1_DMP_TOP_ADRS_0]      EQ      2B
0214 C.      [HK1_DMP_BLOCK_NUM]      EQ      3
0215 C.      [HK1_DMP_REPEAT_NUM]      EQ      0
0216 C.      [HK1_DMA_DMP_PIM]      EQ      DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC      (07 0b f8)
0219 C.      [HK1_PKT_FORM_NO]      EQ      7
0220 C.      [HK1_PKT_GEN_TIME]      EQ      0.25 s
0221 C.      [HK1_S_TLM_BIT_RATE]      EQ      32k
0222 C.      [HK1_X_TLM_BIT_RATE]      EQ      4M
0223 C.      [HK1_DMP_CHK_FLG]      EQ      EXEC
0224 C.
0225 C. ŷÄŷÖŷ×½ªİ»ð³İÇ§
0226 C.      [HK1_DMP_CHK_FLG]      EQ      NON
0227 C.
0228 C. RAM ID=TI_TBLİİ¼È¹Ç•È²İOKð³İÇ§
0229 C.
0230 C. DHUŷä;¼ŷÈ;È¼ŷ¼. ŷİ;¼ŷÈ;Èðİä¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC      (02 0a f8)
0233 C.      [HK1_PKT_FORM_NO]      EQ      2
0234 C.      [HK1_PKT_GEN_TIME]      EQ      0.5S
0235 C.      [HK1_S_TLM_BIT_RATE]      EQ      32K
0236 C.      [HK1_X_TLM_BIT_RATE]      EQ      4M
0237 C.
0238 C.
0239 C. ***** XRT START *****
0240 C. Execute, after the success of OP upload.
0241 +. TI 2008-10-18 10:59:00.0
0242 DC 07-F0 MDP_XRT_MODE_STBY
0243 BC      (c3)
0244 C.      [ ] [HK1_TI_CMD_NUM]      EQ      1COUNTUP
0245 C.
0246 C. ***** XRT END *****
0247 C. Stop EIS observation and temporarily disable EIS mode changes
0248 C.
0249 C.
0250 C. ***** Start EIS operation (TI set) *****
0251 C. Execute, after the success of OP upload.
0252 C. Set EIS TI-commands
0253 +. TI 2008-10-18 10:59:30.0
0254 DC 07-FC EIS_MODE_MANU
0255 BC      (21 02)
0256 +. TI 2008-10-18 10:59:40.0
0257 DC 07-FC EIS_MODE_CHG_DIS
0258 BC      (22)
0259 C.      [ ] [HK1_TI_CMD_NUM]      EQ      2 COUNTUP
0260 C. ***** End EIS operation (TI set) *****
0261 C.
0262 C.
0263 C. *****
0264 C. SOT TI command set
0265 C. *****
0266 C. Execute, after the success of OP upload.
0267 +. TI 2008-10-18 10:59:16.0
0268 DC 07-F0 MDP_SOT_MODE_STBY
0269 BC      (41)
0270 C. -----
0271 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0272 C. -----
0273 C. ***** SOT END *****
0274 C.
0275 C. ***** MDP ´ûÃİİ»ö¼ŷÈÄ¹ÈDCBC•x²è *****
0276 C. (%ã°İŷÖŷÄŷÈŷŷŷŷÄŷÇŷÈÈ¼¼Ä»Ű¹È)
0277 S. DC-BC dcbc-402:DCBC
0278 (MDP_known_event)
0279 C.
0280 C.
0281 C. ***** ŷÐŷ¹•İ Daily±¼İñÈ'Ø¹ÈDCBC•x²è *****
0282 S. DC-BC dcbc-153:DCBC
0283 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0284 C.
0285 C.
0286 C. ;ãLOSŷÄŷ§ŷÄŷ-¼Ä»Ű;ä
0287 C.
0288 C. ***** LOS *****
0289 C.

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(a) Spacecraft Operation Procedure (real-commands)

```
main-203 2008-10-18 11:32:57 82 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Ä»Û;ã
0005 C.
0006 C. YÀYB;¼Y³YFÝÓYÉÄ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;Ë¿áÀá•µ°È»Í×ÁÇáíYçYÁY×Yí;¼YÉ;ËÈ%µ•ííË;ËóÈ¼°ÇÒá•á¿¼í¹çáí;çÀ®,ùá¹áéáÉáÇÁ+¿®á•áÉáááá³áÈ;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 AOCS DUMP to end
0033 C.
0034 . C. Check the dump memory
0035 C.
0036 C. Result = OK [ ]
0037 C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039 BC (02 0a f8)
0040 C.
0041 C. <A_***>[TLM STS] FMT = 2 [ ]
0042 C.
0043 +. DC 02-8E AOCU_ORB_UPD
0044 . C.
0045 . C. 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 33s
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 2008-10-18 10:59:50.0
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 `ûÄîóî»ó¼YóÈÄá¹áéDCBC•x²è *****
0069 C. (¼á°íYÓYÁYÈYáYÉYáYçYÈáYçYéáYçYé¼á»Ûá¹áé)
0070 . S. DC-BC dcbc-402:DCBC
0071 (MDP_known_event)
0072 C.
0073 C.
0074 . C. ***** YDÝ¹.İ Daily±;íÑáÈ`Øá¹áéDCBC•x²è *****
0075 . S. DC-BC dcbc-153:DCBC
0076 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0077 C.
0078 C.
0079 . C. ;ãLOSÁY$YÁY-¼Ä»Û;ã
0080 C.
0081 . C. ***** LOS *****
0082 C.
```



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0096 C.
0097 C.
0098 . C. *****
0099 C. SOT table upload
0100 C. *****
0101 . C. < Stop FG table >
0102 +. DC 07-F0 MDP_FG_CTRL_MANU
0103 BC (51)
0104 . C. -----
0105 C. MDP_FG_CTRL_MODE = MANU [ ]
0106 C. -----
0107 C.
0108 . C. <Upload FG Observation Table>
0109 . S. RAM ram-268:MDP_OBS_F
0110 ( )
0111 C.
0112 . C. < Dump RAMID=MDP_OBS_F >
0113 +. DC 07-F0 MDP_DUMP_FGTBL
0114 BC (82 07 00 00 00 38 b8)
0115 C. -----
0116 C. MDP_OBS_F verify = OK/NG [ ]
0117 C. -----
0118 C.
0119 C. *****
0120 C. SOT TI command set
0121 C. *****
0122 C. Execute, after the success of TBL upload.
0123 +. TI 2008-10-18 10:59:18.0
0124 DC 07-F0 MDP_SOT_MODE_OBSV
0125 BC (40)
0126 . C. -----
0127 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0128 C. -----
0129 C.
0130 C.
0131 C. ***** XRT START *****
0132 C.
0133 +. DC 07-F0 MDP_XRT_CTRL_MANU
0134 BC (c1)
0135 + DC 07-F0 MDP_XRT_MODE_STBY
0136 BC (c3)
0137 . C. ----- Success Verify ? OK / NG____
0138 C.
0139 C. XRT Obs. Table Upload
0140 . S. RAM ram-291:MDP_OBS_X
0141 ( )
0142 C.
0143 +. DC 07-F0 MDP_DUMP_XRTTBL
0144 BC (84 07 00 00 00 3a d4)
0145 . C. ----- Comparison Check ? OK / ERR ____
0146 C.
0147 C.
0148 +. DC 07-F0 MDP_XRT_ROI_SET
0149 BC (cd 01 b1 b1 04 04)
0150 + DC 07-F0 MDP_XRT_ROI_SET
0151 BC (cd 02 b1 b1 08 08)
0152 + DC 07-F0 MDP_XRT_ROI_SET
0153 BC (cd 03 b1 b1 08 08)
0154 + DC 07-F0 MDP_XRT_ROI_SET
0155 BC (cd 04 b1 b1 06 06)
0156 + DC 07-F0 MDP_XRT_ROI_SET
0157 BC (cd 06 80 80 04 04)
0158 + DC 07-F0 MDP_XRT_ROI_SET
0159 BC (cd 07 60 60 08 08)
0160 + DC 07-F0 MDP_XRT_ROI_SET
0161 BC (cd 08 80 80 20 20)
0162 + DC 07-F0 MDP_XRT_ROI_SET
0163 BC (cd 09 83 85 06 06)
0164 + DC 07-F0 MDP_XRT_ROI_SET
0165 BC (cd 0a 80 80 06 06)
0166 + DC 07-F0 MDP_XRT_ROI_SET
0167 BC (cd 0f 80 80 06 06)
0168 + DC 07-F0 MDP_XRT_ROI_SET
0169 BC (cd 10 80 80 04 04)
0170 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0171 BC (c4 0c)
0172 + DC 07-F0 MDP_XRT_ARS_DIS
0173 BC (d5)
0174 + DC 07-F0 MDP_XRT_FLD_DIS
0175 BC (d9)
0176 + DC 07-F0 MDP_XRT_FLRCTRL_DIS
0177 BC (c9)
0178 . C. ----- Success Verify ? OK / NG ____
0179 C.
0180 C.
0181 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0182 C.
0183 +. DC 07-F0 MDP_XRT_MODE_OBSV
0184 BC (c2)
0185 +. DC 07-F0 MDP_XRT_CTRL_AUTO
0186 BC (c0)
0187 +. TI 2008-10-18 10:59:02.0
0188 DC 07-F0 MDP_XRT_MODE_OBSV
0189 BC (c2)
0190 +. TI 2008-10-18 10:59:04.0
0191 DC 07-F0 MDP_XRT_CTRL_AUTO
0192 BC (c0)
0193 . C. ----- Success Verify ? OK / NG ____

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0194 C.
0195 C. ***** XRT END *****
0196 C.
0197 . C. ***** MDP 'úÃîñî»ò¼ŷñËÂðñ¹ñèDCBC•x²è *****
0198 C. (¾á°ìŷÓŷÃŷËŷŲŷËŷáŷçŷèñË½¼ññ¼Â»Ûñ¹ñè)
0199 . S. DC-BC dcbc-402:DCBC
0200 (MDP_known_event)
0201 C.
0202 C.
0203 . C. ***** ŷÐŷ¹•Ï Daily±;îÏñË´Øñ¹ñèDCBC•x²è *****
0204 . S. DC-BC dcbc-153:DCBC
0205 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0206 C.
0207 C.
0208 . C. ;ãLOSŷÁŷŲŷÃŷ¬¼Â»Û;ã
0209 C.
0210 . C. ***** LOS *****
0211 C.

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*** OP Sequence for XRT ***

```

2008/10/18 11:09:54.0 XRT_CTRL_MANU_428_OG [0x1ac]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2008/10/18 11:09:56.0 XRT_FOCUS_POSITION_441_OG [0x1b9]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2008/10/18 11:10:00.0 AOCs_OrE-point_Start_1_OG [0x097]
                        AOCU_NM 5 02-76 03 00 00 00 00
2008/10/18 11:10:16.0 XRT_QT_PROG_SET_411_OG [0x19b]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 0e
2008/10/18 11:11:54.0 XRT_AEC_RESET_413_OG [0x19d]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2008/10/18 11:11:56.0 XRT_ARS_DIS_422_OG [0x1a6]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2008/10/18 11:11:58.0 XRT_FLD_DIS_445_OG [0x1bd]
                        MDP_XRT_FLD_DIS 1 07-F0 d9
2008/10/18 11:12:00.0 XRT_FLRCTRL_DIS_416_OG [0x1a0]
                        MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2008/10/18 11:12:02.0 XRT_CTRL_AUTO_403_OG [0x193]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2008/10/18 13:27:00.0 XRT_CTRL_MANU_417_OG [0x1a1]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2008/10/18 13:27:10.0 XRT_FOCUS_RECALIBRATE_410_OG [0x19a]
                        XRT_FOCUS_RECAL 2 07-F8 78 00
2008/10/18 13:31:10.0 XRT_FOCUS_POSITION_442_OG [0x1ba]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2008/10/18 13:31:54.0 XRT_CTRL_MANU_405_OG [0x195]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2008/10/18 13:32:00.0 AOCs_OrE-point_Start_2_OG [0x098]
                        AOCU_NM 5 02-76 00 d1 07 d1 07
2008/10/18 13:34:32.0 XRT_FOCUS_POSITION_442_OG [0x1ba]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2008/10/18 13:34:52.0 XRT_QT_PROG_SET_407_OG [0x197]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 09
2008/10/18 13:34:54.0 XRT_FLD_DIS_419_OG [0x1a3]
                        MDP_XRT_FLD_DIS 1 07-F0 d9
2008/10/18 13:34:56.0 XRT_FLRCTRL_DIS_447_OG [0x1bf]
                        MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2008/10/18 13:34:58.0 XRT_ARS_DIS_418_OG [0x1a2]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2008/10/18 13:35:00.0 XRT_CTRL_AUTO_432_OG [0x1b0]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2008/10/18 13:39:54.0 XRT_CTRL_MANU_405_OG [0x195]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2008/10/18 13:40:00.0 AOCs_OrE-point_Start_3_OG [0x099]
                        AOCU_NM 5 02-76 00 d0 21 d0 ee
2008/10/18 13:42:32.0 XRT_FOCUS_POSITION_442_OG [0x1ba]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2008/10/18 13:42:52.0 XRT_QT_PROG_SET_407_OG [0x197]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 09
2008/10/18 13:42:54.0 XRT_FLD_DIS_419_OG [0x1a3]
                        MDP_XRT_FLD_DIS 1 07-F0 d9
2008/10/18 13:42:56.0 XRT_FLRCTRL_DIS_447_OG [0x1bf]
                        MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2008/10/18 13:42:58.0 XRT_ARS_DIS_418_OG [0x1a2]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2008/10/18 13:43:00.0 XRT_CTRL_AUTO_432_OG [0x1b0]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2008/10/18 13:47:54.0 XRT_CTRL_MANU_405_OG [0x195]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2008/10/18 13:48:00.0 AOCs_OrE-point_Start_4_OG [0x09a]
                        AOCU_NM 5 02-76 00 d3 7d d0 d5
2008/10/18 13:50:32.0 XRT_FOCUS_POSITION_442_OG [0x1ba]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2008/10/18 13:50:52.0 XRT_QT_PROG_SET_407_OG [0x197]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 09
2008/10/18 13:50:54.0 XRT_FLD_DIS_419_OG [0x1a3]
                        MDP_XRT_FLD_DIS 1 07-F0 d9
2008/10/18 13:50:56.0 XRT_FLRCTRL_DIS_447_OG [0x1bf]
                        MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2008/10/18 13:50:58.0 XRT_ARS_DIS_418_OG [0x1a2]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2008/10/18 13:51:00.0 XRT_CTRL_AUTO_432_OG [0x1b0]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2008/10/18 13:55:54.0 XRT_CTRL_MANU_428_OG [0x1ac]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2008/10/18 13:55:56.0 XRT_FOCUS_POSITION_441_OG [0x1b9]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2008/10/18 13:56:00.0 AOCs_OrE-point_Start_5_OG [0x09b]
                        AOCU_NM 5 02-76 04 00 00 00 00
2008/10/18 13:56:16.0 XRT_QT_PROG_SET_411_OG [0x19b]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 0e
2008/10/18 13:57:54.0 XRT_AEC_RESET_413_OG [0x19d]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2008/10/18 13:57:56.0 XRT_ARS_DIS_422_OG [0x1a6]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2008/10/18 13:57:58.0 XRT_FLD_DIS_445_OG [0x1bd]
                        MDP_XRT_FLD_DIS 1 07-F0 d9
2008/10/18 13:58:00.0 XRT_FLRCTRL_DIS_416_OG [0x1a0]
                        MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2008/10/18 13:58:02.0 XRT_CTRL_AUTO_403_OG [0x193]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2008/10/18 14:27:30.0 XRT_CTRL_MANU_435_OG [0x1b3]

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2008/10/18	14:31:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/18	14:32:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/18	15:59:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/18	16:22:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/18	16:23:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/18	17:35:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/18	17:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/18	17:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/10/18	18:00:00.0	AOCS_Ore-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00 00 00 00 00				
2008/10/18	18:00:16.0	XRT_QT_PROG_SET_431_OG [0x1af]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06				
2008/10/18	18:00:18.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/10/18	18:00:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/10/18	18:00:22.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/10/18	18:02:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/18	18:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/18	18:09:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2008/10/18	18:10:00.0	AOCS_Ore-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	01 00 00 00 00				
2008/10/18	18:10:16.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2008/10/18	18:11:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/10/18	18:11:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/10/18	18:11:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/10/18	18:12:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/18	19:13:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/18	19:36:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/18	19:37:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/18	20:50:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/18	21:13:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/18	21:14:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/18	22:27:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/18	22:49:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/18	22:50:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/18	23:39:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/18	23:39:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/10/18	23:40:00.0	AOCS_Ore-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00 00 00 00 00				
2008/10/18	23:40:16.0	XRT_QT_PROG_SET_431_OG [0x1af]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06				
2008/10/18	23:40:18.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/10/18	23:40:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/10/18	23:40:22.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/10/18	23:42:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/18	23:49:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/18	23:49:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2008/10/18	23:50:00.0	AOCS_Ore-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	04 00 00 00 00				
2008/10/18	23:50:16.0	XRT_QT_PROG_SET_411_OG [0x19b]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2008/10/18	23:51:54.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2008/10/18	23:51:56.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/10/18	23:51:58.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/10/18	23:52:00.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/10/18	23:52:02.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/19	00:05:00.0	XRT_CTRL_MANU_435_OG [0x1b3]								

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2008/10/19	00:15:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/19	00:16:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
2008/10/19	01:31:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/19	01:48:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/19	01:49:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
2008/10/19	03:04:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/19	03:24:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/19	03:25:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
2008/10/19	04:33:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/19	05:02:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/19	05:03:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
2008/10/19	05:45:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/19	05:45:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/19	05:46:00.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/10/19	05:46:00.0	AOCs_OrE-point_Start_6_OG [0x09c]								
2008/10/19	05:46:16.0	XRT_QT_PROG_SET_420_OG [0x1a4]	AOCU_NM	5	02-76	00 00 00 00 00				
2008/10/19	05:46:18.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2008/10/19	05:46:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/10/19	05:46:22.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/10/19	05:48:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/10/19	05:55:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/19	05:55:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/19	05:56:00.0	AOCs_OrE-point_Start_5_OG [0x09b]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2008/10/19	05:56:16.0	XRT_QT_PROG_SET_411_OG [0x19b]	AOCU_NM	5	02-76	04 00 00 00 00				
2008/10/19	05:57:54.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2008/10/19	05:57:56.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2008/10/19	05:57:58.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/10/19	05:58:00.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/10/19	05:58:02.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/10/19	06:13:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/19	06:39:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/19	06:40:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
2008/10/19	07:54:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/19	08:17:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/19	08:18:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
2008/10/19	09:33:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/19	09:52:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/19	09:53:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
2008/10/19	12:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/19	12:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/19	13:00:00.0	AOCs_OrE-point_Start_6_OG [0x09c]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/10/19	13:00:16.0	XRT_QT_PROG_SET_420_OG [0x1a4]	AOCU_NM	5	02-76	00 00 00 00 00				
2008/10/19	13:00:18.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2008/10/19	13:00:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/10/19	13:00:22.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/10/19	13:02:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/10/19	13:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/19	13:09:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/19	13:10:00.0	AOCs_OrE-point_Start_5_OG [0x09b]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2008/10/19	13:10:16.0	XRT_QT_PROG_SET_411_OG [0x19b]	AOCU_NM	5	02-76	04 00 00 00 00				
2008/10/19	13:11:54.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				

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2008/10/19	13:11:56.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_AEC_RESET	1	07-F0	d0				
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/10/19	13:11:58.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/10/19	13:12:00.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/10/19	13:12:02.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/19	15:01:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/19	15:12:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/19	15:13:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/19	16:36:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/19	16:59:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/19	17:00:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/19	17:48:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/19	17:48:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/10/19	17:49:00.0	AOCS_ORe-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00 00 00 00 00				
2008/10/19	17:49:16.0	XRT_QT_PROG_SET_431_OG [0x1af]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06				
2008/10/19	17:49:18.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/10/19	17:49:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/10/19	17:49:22.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/10/19	17:51:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/19	17:58:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/19	17:58:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2008/10/19	17:59:00.0	AOCS_ORe-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	04 00 00 00 00				
2008/10/19	17:59:16.0	XRT_QT_PROG_SET_411_OG [0x19b]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2008/10/19	18:00:54.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2008/10/19	18:00:56.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/10/19	18:00:58.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/10/19	18:01:00.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/10/19	18:01:02.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/19	18:13:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/19	18:36:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/19	18:37:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/19	19:49:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/19	20:13:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/19	20:14:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/19	21:27:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/19	21:50:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/19	21:51:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/19	23:04:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/19	23:25:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/19	23:26:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/20	00:42:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/20	00:49:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/20	00:50:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/20	02:05:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/20	02:24:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/20	02:25:30.5	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/20	03:41:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/20	04:01:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/20	04:02:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/20	05:11:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/20	05:39:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/20	05:40:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				

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2008/10/20	05:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/20	05:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2008/10/20	06:00:00.0	AOCS_ORe-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00 00 00 00 00	
2008/10/20	06:00:16.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10	
2008/10/20	06:00:18.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2008/10/20	06:00:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2008/10/20	06:00:22.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2008/10/20	06:02:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/10/20	06:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/20	06:09:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2008/10/20	06:10:00.0	AOCS_ORe-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	04 00 00 00 00	
2008/10/20	06:10:16.0	XRT_QT_PROG_SET_411_OG [0x19b]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e	
2008/10/20	06:11:54.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2008/10/20	06:11:56.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2008/10/20	06:11:58.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2008/10/20	06:12:00.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2008/10/20	06:12:02.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/10/20	06:51:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/20	07:16:30.0	XRT_Custom_430_OG [0x1ae]					
2008/10/20	07:17:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/10/20	08:31:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/20	08:53:30.0	XRT_Custom_430_OG [0x1ae]					
2008/10/20	08:54:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/10/20	10:12:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/20	10:27:00.0	XRT_Custom_430_OG [0x1ae]					
2008/10/20	10:28:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/10/20	15:36:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/20	15:59:30.0	XRT_Custom_430_OG [0x1ae]					
2008/10/20	16:00:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/10/20	17:12:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/20	17:36:30.0	XRT_Custom_430_OG [0x1ae]					
2008/10/20	17:37:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/10/20	17:52:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/20	17:52:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2008/10/20	17:53:00.0	AOCS_ORe-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00 00 00 00 00	
2008/10/20	17:53:16.0	XRT_QT_PROG_SET_431_OG [0x1af]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06	
2008/10/20	17:53:18.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2008/10/20	17:53:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2008/10/20	17:53:22.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2008/10/20	17:55:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/10/20	18:02:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/20	18:02:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2008/10/20	18:03:00.0	AOCS_ORe-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	00 db 1b b5 cb	
2008/10/20	18:03:16.0	XRT_QT_PROG_SET_411_OG [0x19b]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e	
2008/10/20	18:04:54.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2008/10/20	18:04:56.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2008/10/20	18:04:58.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2008/10/20	18:05:00.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2008/10/20	18:05:02.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	

2008/10/20	18:49:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/20	19:13:00.0	XRT_Custom_430_OG [0x1ae]							
2008/10/20	19:14:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/20	20:26:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/20	20:50:30.0	XRT_Custom_430_OG [0x1ae]							
2008/10/20	20:51:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/20	22:04:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/20	22:27:00.0	XRT_Custom_430_OG [0x1ae]							
2008/10/20	22:28:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/20	23:41:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/20	23:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/20	23:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2008/10/21	00:00:16.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2008/10/21	00:01:54.0	XRT_AEC_RESET_413_OG [0x19d]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2008/10/21	00:01:56.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/10/21	00:01:58.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/10/21	00:02:00.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/10/21	00:02:02.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/21	01:12:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/21	01:25:00.0	XRT_Custom_430_OG [0x1ae]							
2008/10/21	01:26:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/21	02:41:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/21	03:01:30.0	XRT_Custom_430_OG [0x1ae]							
2008/10/21	03:02:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/21	04:09:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/21	04:39:00.0	XRT_Custom_430_OG [0x1ae]							
2008/10/21	04:40:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/21	05:49:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/21	06:16:30.0	XRT_Custom_430_OG [0x1ae]							
2008/10/21	06:17:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/21	06:25:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/21	06:25:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/10/21	06:26:00.0	AOCS_ORe-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2008/10/21	06:26:16.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2008/10/21	06:26:18.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/10/21	06:26:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/10/21	06:26:22.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/10/21	06:28:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/21	06:35:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/21	06:35:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2008/10/21	06:36:00.0	AOCS_ORe-point_Start_8_OG [0x09e]							
		AOCU_NM	5	02-76	00 db 1b b5 cb				
2008/10/21	06:36:16.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2008/10/21	06:37:54.0	XRT_AEC_RESET_413_OG [0x19d]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2008/10/21	06:37:56.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/10/21	06:37:58.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/10/21	06:38:00.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/10/21	06:38:02.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/21	07:30:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/21	07:53:30.0	XRT_Custom_430_OG [0x1ae]							
2008/10/21	07:54:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/21	09:09:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							

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2008/10/21	09:30:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1					
2008/10/21	09:31:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]									
2008/10/21	10:51:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2008/10/21	10:59:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1					
2008/10/21	11:00:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]									
2008/10/21	11:22:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2008/10/21	11:23:00.0	AOCS_ORe-point_Start_6_OG [0x09c]	MDP_XRT_CTRL_MANU	1	07-F0	c1					
		AOCU_NM		5	02-76	00	00	00	00	00	00