

Period: 2010/05/02 10:55:00 - 2010/05/07 10:45:00

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XOB #17B6: AR multifilter - All/mesh,Ti/Poly, G-bandFOV 384 AEC2 Q95 (5min)			
Term	Pointing (x, y)		Comment
05/02 18:20:02 - 05/03 05:41:54	Track (340.9, -473.7) @ 05/02 18:17:00		# Return to filament.
PROG= 03 Inf.-time(s)			
└ Subr= 2	1-time(s)	2.0sec	
└ Seqn= 1	1-time(s)	2.0sec	

XOB #1776: Flare Response short exp at first- Dynamics - Thick-Al - Thick-Be - AEC 1 - 384x384 - Q95			
Term	Pointing (x, y)		Comment
05/02 11:08:02 - 05/02 17:14:30	Track (292.8, -471.9) @ 05/02 11:05:00		# OP start + 10min, track filament in south, also HOP 139 (8-12UT)
05/02 18:20:02 - 05/03 05:41:54	Track (340.9, -473.7) @ 05/02 18:17:00		# Return to filament.

05/03 06:48:08 - 05/03 11:59:54	Track (415.9, -477.0)	@ 05/03 06:02:00	# Return to filament, also HOP 139 (8-12UT).
05/03 12:03:02 - 05/03 12:15:54	Fixed (936.0, 0.0)		# HOP 130 support for EVE cal rocket flight. 1/15
05/03 12:19:02 - 05/03 12:31:54	Fixed (468.0, 0.0)		2/15
05/03 12:35:02 - 05/03 12:56:30	Fixed (0.0, 0.0)		3/15
05/03 13:22:02 - 05/03 13:34:54	Fixed (-468.0, 0.0)		4/15
05/03 13:38:02 - 05/03 13:50:54	Fixed (-936.0, 0.0)		5/15
05/03 13:54:02 - 05/03 14:00:54	Fixed (815.0, 470.0)		6/15
05/03 14:04:02 - 05/03 14:16:54	Fixed (411.0, 847.0)		7/15
05/03 14:20:02 - 05/03 15:13:54	Fixed (0.0, 941.0)		8/15
05/03 15:17:02 - 05/03 15:29:54	Fixed (-411.0, 847.0)		9/15
05/03 15:33:02 - 05/03 15:39:54	Fixed (-815.0, 470.0)		10/15
05/03 15:43:02 - 05/03 15:49:54	Fixed (815.0, -470.0)		11/15
05/03 15:53:02 - 05/03 17:00:54	Fixed (411.0, -847.0)		12/15
05/03 17:04:02 - 05/03 17:16:54	Fixed (0.0, -941.0)		13/15
05/03 17:20:02 - 05/03 17:32:54	Fixed (-411.0, -847.0)		14/15
05/03 17:36:02 - 05/03 17:41:54	Fixed (-815.0, -471.0)		15/15
05/04 01:53:00 - 05/04 05:59:54	Track (-533.7, 448.8)	@ 05/04 01:50:00	# Observe AR on East limb.
05/04 06:23:00 - 05/04 07:59:54	Track (-504.5, 450.1)	@ 05/04 06:20:00	# Return to AR on East limb.
05/04 08:03:02 - 05/04 11:28:40	Track (563.5, -485.8)	@ 05/04 08:00:00	# Return to filament for HOP 139 (8-12UT).
05/04 11:33:02 - 05/04 11:55:00	Fixed (936.0, 0.0)		# HOP 130 support for EVE cal rocket flight. 1/15
05/04 12:21:02 - 05/04 12:33:54	Fixed (468.0, 0.0)		2/15
05/04 12:37:02 - 05/04 12:49:54	Fixed (0.0, 0.0)		3/15
05/04 12:53:02 - 05/04 13:05:54	Fixed (-468.0, 0.0)		4/15
05/04 13:09:02 - 05/04 13:21:54	Fixed (-936.0, 0.0)		5/15
05/04 13:25:02 - 05/04 13:33:30	Fixed (815.0, 470.0)		6/15
05/04 13:59:02 - 05/04 14:11:54	Fixed (411.0, 847.0)		7/15
05/04 14:15:02 - 05/04 14:27:54	Fixed (0.0, 941.0)		8/15
05/04 14:31:02 - 05/04 14:43:54	Fixed (-411.0, 847.0)		9/15
05/04 14:47:02 - 05/04 14:53:54	Fixed (-815.0, 470.0)		10/15
05/04 14:57:02 - 05/04 15:12:00	Fixed (815.0, -470.0)		11/15
05/04 16:04:02 - 05/04 16:16:54	Fixed (411.0, -847.0)		12/15
05/04 16:20:02 - 05/04 16:32:54	Fixed (0.0, -941.0)		13/15
05/04 16:36:02 - 05/04 16:50:30	Fixed (-411.0, -847.0)		14/15
05/04 17:40:02 - 05/04 17:49:54	Fixed (-815.0, -471.0)		15/15
05/05 02:03:00 - 05/05 05:45:00	Track (-367.0, 454.5)	@ 05/05 02:00:00	# Return to AR on East limb.
05/05 06:44:32 - 05/05 08:30:10	Track (666.7, -494.8)	@ 05/05 06:41:30	# Return to filament, also HOP 139 (8-12UT).
PROG= 13 1-time(s)			
Subr= 1 2-time(s) 2.0sec			
Seqn= 9 15-time(s) 20.0sec			
Open/thick-Al	Open/thick-Al	close	Safe Norm 250ms Obs 1x1 384x384 (1024, 1024) Q=95 1 0 2.0sec
Open/thick-Be	Open/thick-Be	close	Safe Norm 2.00s Obs 1x1 384x384 (1024, 1024) Q=95 1 0 2.0sec
Seqn= 2 1-time(s) 4.0sec			
Open/G-band	Open/G-band	open	Safe Norm 63ms Obs 1x1 384x384 (1024, 1024) Q=98 0 0 2.0sec
Subr= 2 8-time(s) 2.0sec			
Seqn= 9 15-time(s) 60.0sec			
Open/thick-Al	Open/thick-Al	close	Safe Norm 250ms Obs 1x1 384x384 (1024, 1024) Q=95 1 0 2.0sec
Open/thick-Be	Open/thick-Be	close	Safe Norm 2.00s Obs 1x1 384x384 (1024, 1024) Q=95 1 0 2.0sec
Seqn= 2 1-time(s) 4.0sec			
Open/G-band	Open/G-band	open	Safe Norm 63ms Obs 1x1 384x384 (1024, 1024) Q=98 0 0 2.0sec
Subr= 3 25-time(s) 2.0sec			
Seqn= 9 1-time(s) 600.0sec			
Open/thick-Al	Open/thick-Al	close	Safe Norm 250ms Obs 1x1 384x384 (1024, 1024) Q=95 1 0 2.0sec
Open/thick-Be	Open/thick-Be	close	Safe Norm 2.00s Obs 1x1 384x384 (1024, 1024) Q=95 1 0 2.0sec
Seqn= 2 1-time(s) 4.0sec			
Open/G-band	Open/G-band	open	Safe Norm 63ms Obs 1x1 384x384 (1024, 1024) Q=98 0 0 2.0sec
Default Filter	Thicker Filter	VLS	mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

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Active Region Search

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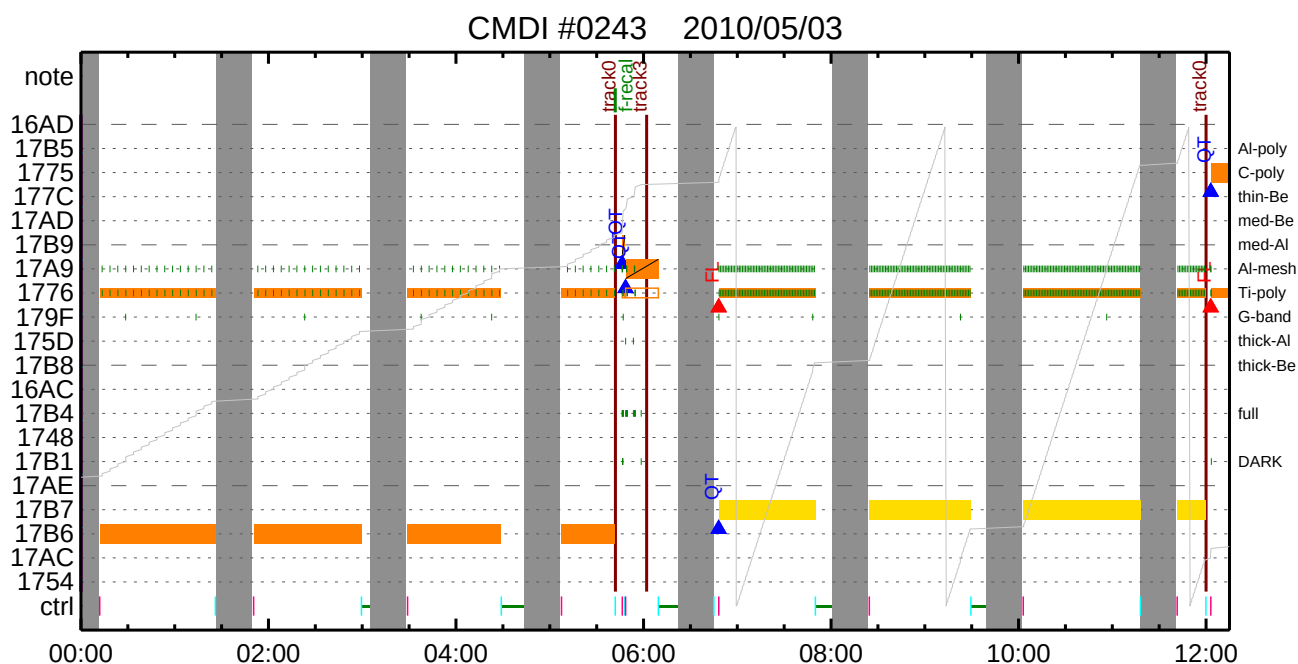
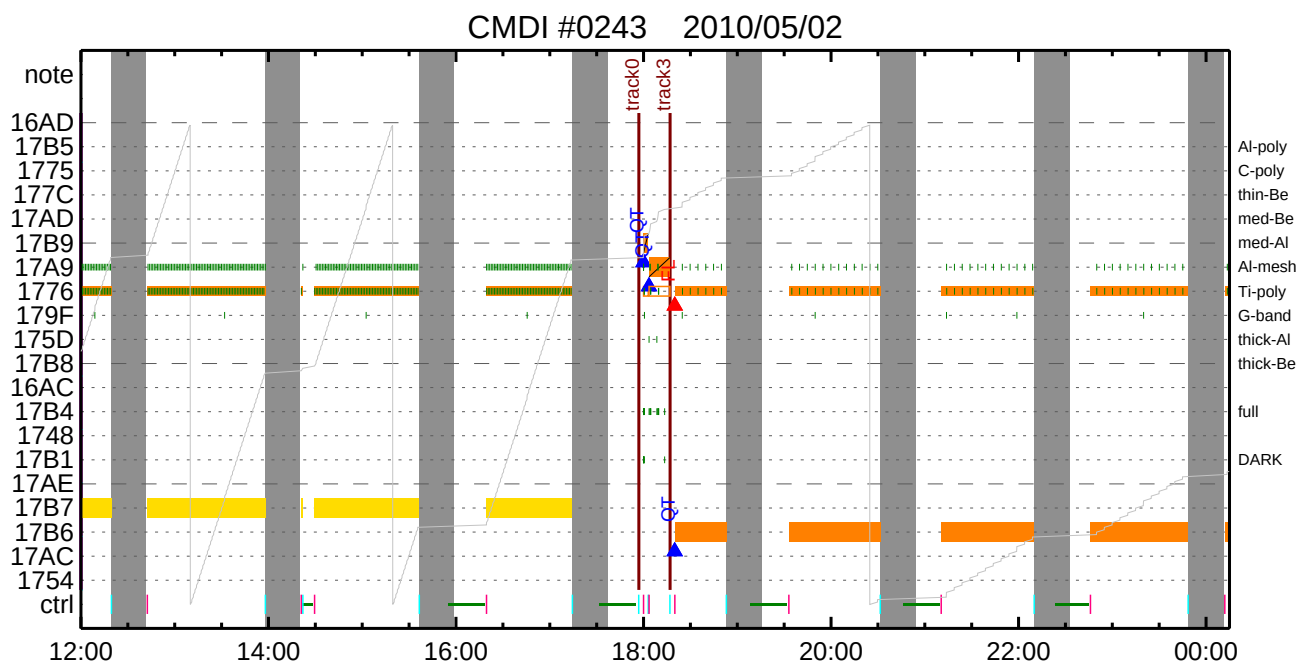
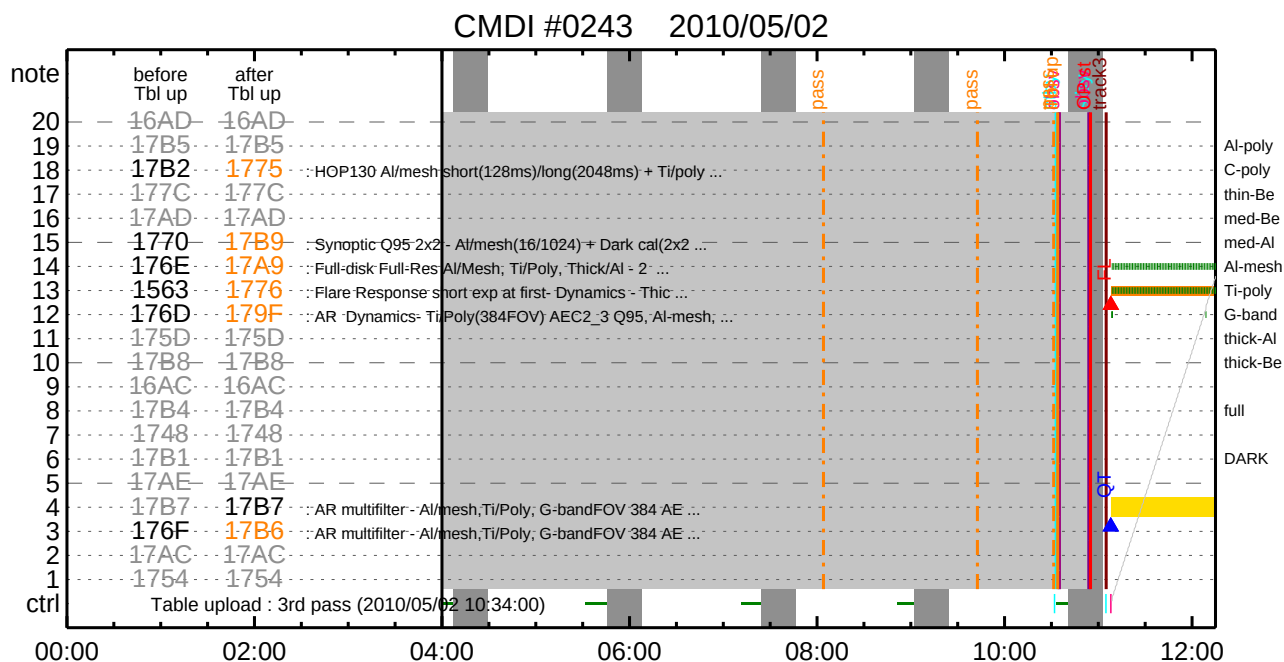
NOT USED

* * * * *

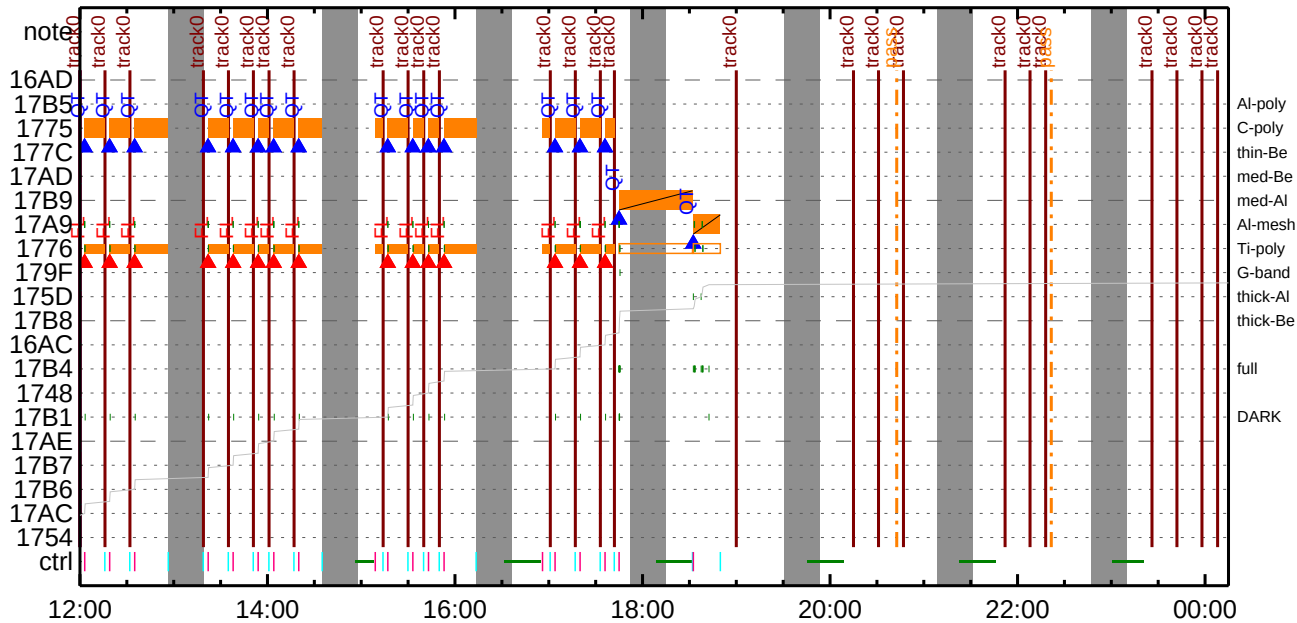
Flare Detection

* * * * *

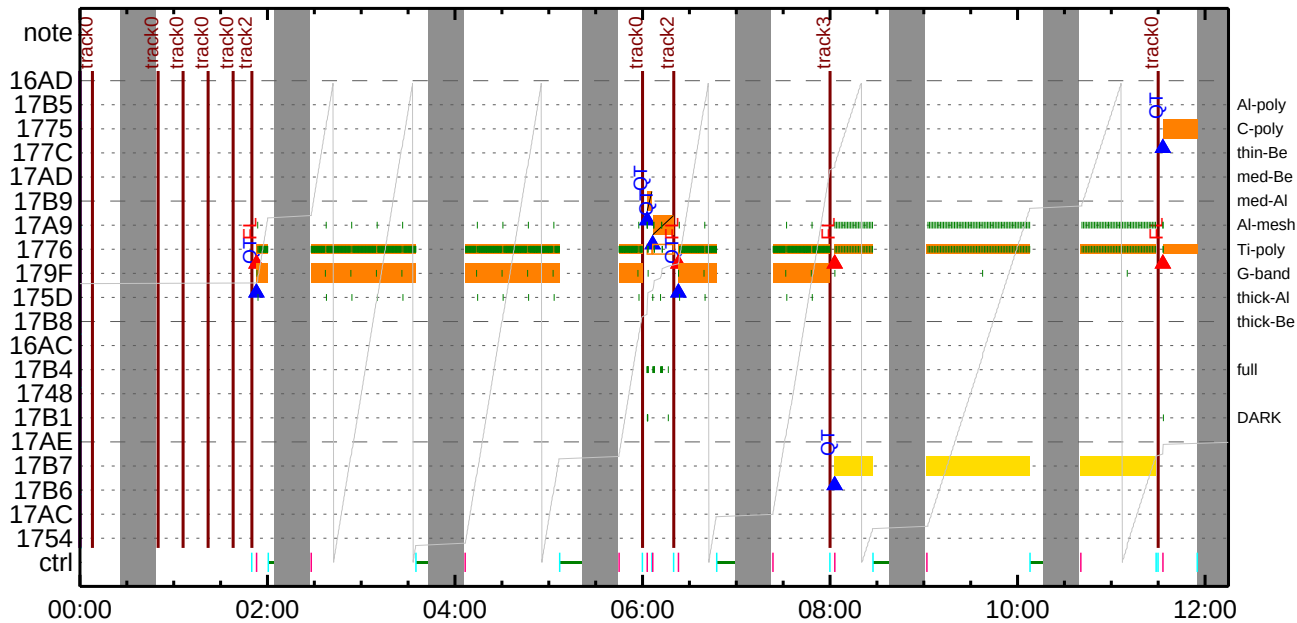
FLD Patrol												
Term		Pointing (x, y)					Comment					
05/02 11:05:18 - 05/02 17:57:16		Track (292.8, -471.9)		@ 05/02 11:05:00	# OP start + 10min, track filament in south, also HOP 139 (8-12UT)							
05/02 18:17:18 - 05/03 05:46:16		Track (340.9, -473.7)		@ 05/02 18:17:00	# Return to filament.							
05/03 06:45:24 - 05/03 17:42:16		Track (415.9, -477.0)		@ 05/03 06:02:00	# Return to filament, also HOP 139 (8-12UT).							
05/04 01:50:16 - 05/04 06:00:16		Track (-533.7, 448.8)		@ 05/04 01:50:00	# Observe AR on East limb.							
05/04 06:20:16 - 05/04 17:50:16		Track (-504.5, 450.1)		@ 05/04 06:20:00	# Return to AR on East limb.							
05/05 02:00:16 - 05/05 06:21:46		Track (-367.0, 454.5)		@ 05/05 02:00:00	# Return to AR on East limb.							
05/05 06:41:48 - 05/07 10:45:00		Track (666.7, -494.8)		@ 05/05 06:41:30	# Return to filament, also HOP 139 (8-12UT).							
Open/Ti-poly		Open/thick-Al		close	Safe	Norm	8ms	Obs	8x8	Q=50 30sec		
Default Filter		Thicker Filter		VLS	mode	image	Exp.	CCD	Bin	ROI: size (center) Comp. AEC Buffer Interval		



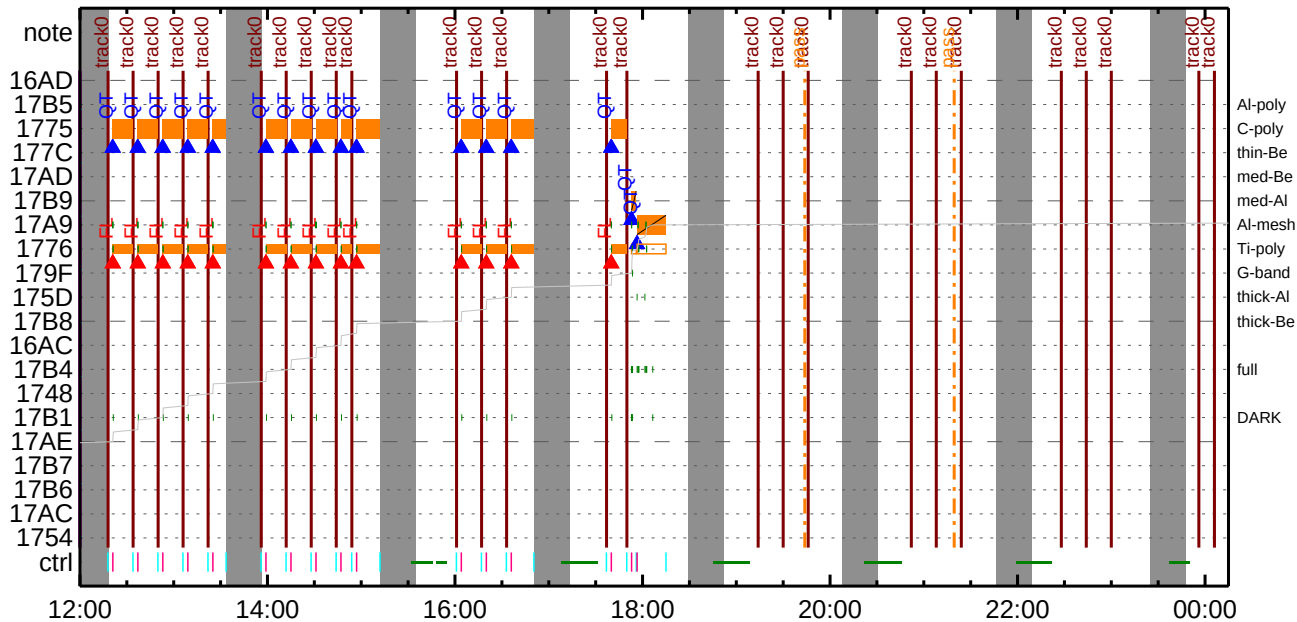
CMDI #0243 2010/05/03



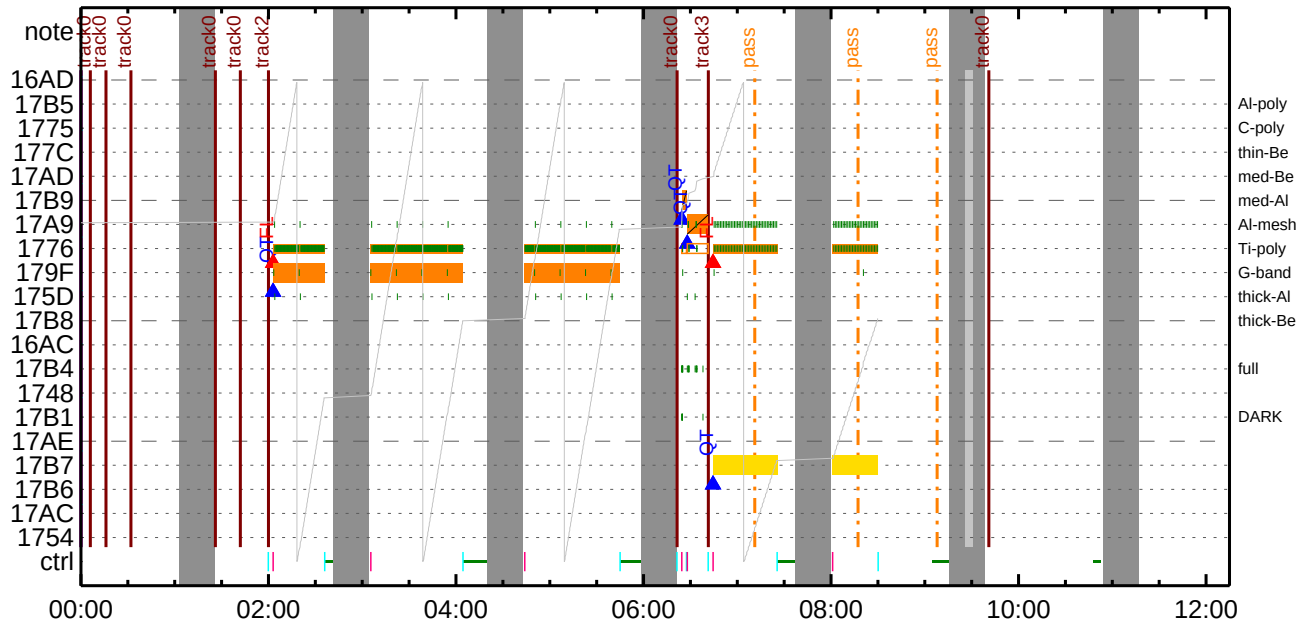
CMDI #0243 2010/05/04



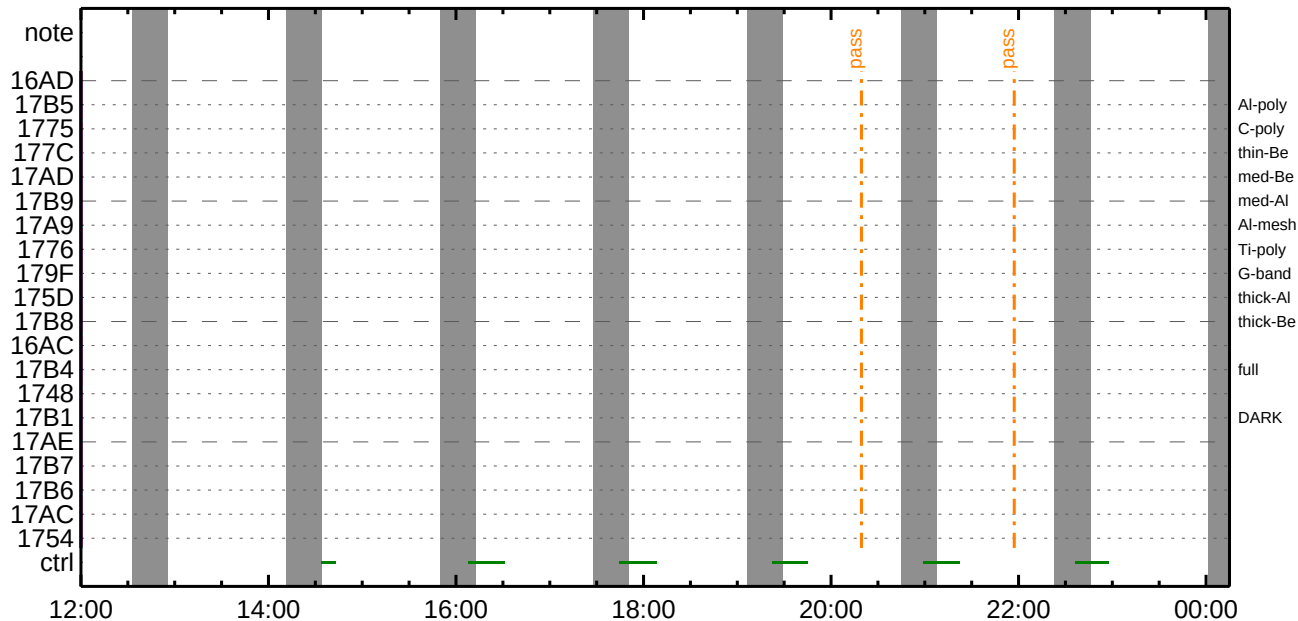
CMDI #0243 2010/05/04



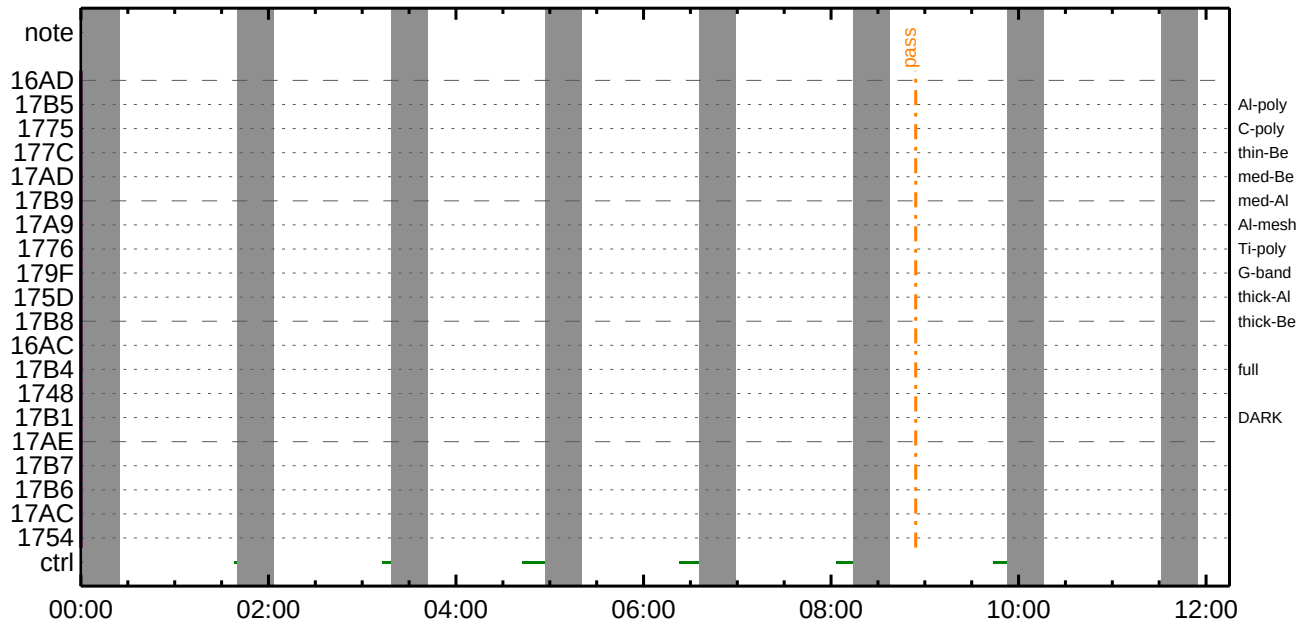
CMDI #0243 2010/05/05



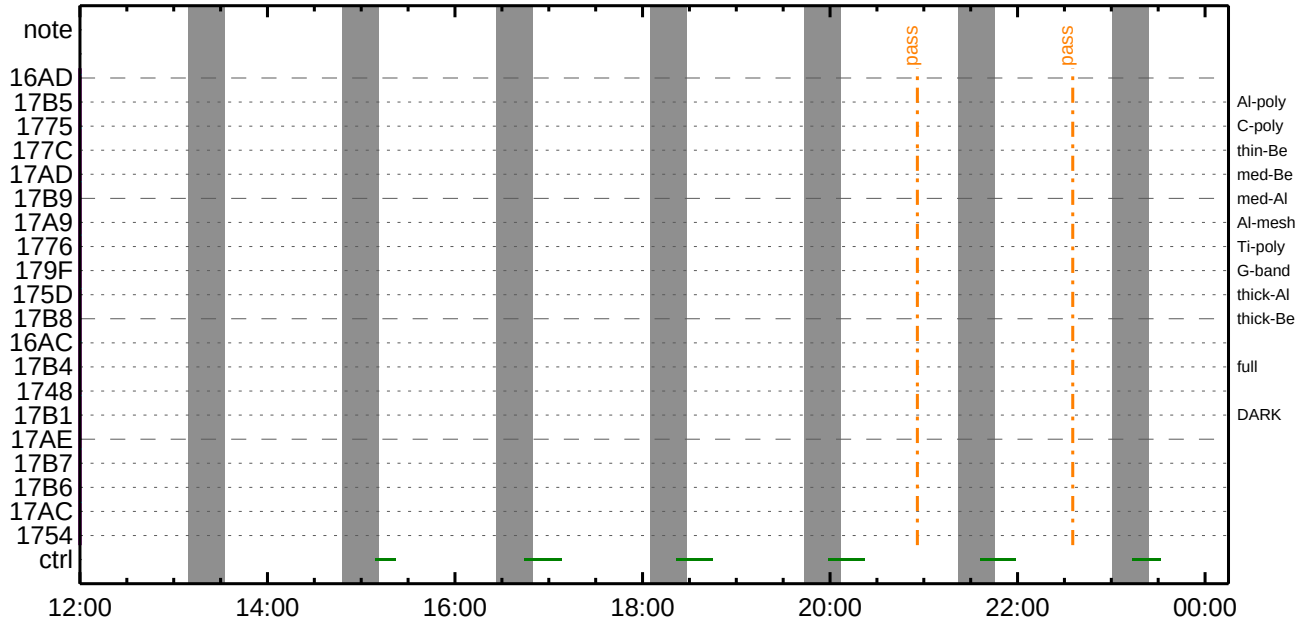
CMDI #0243 2010/05/05



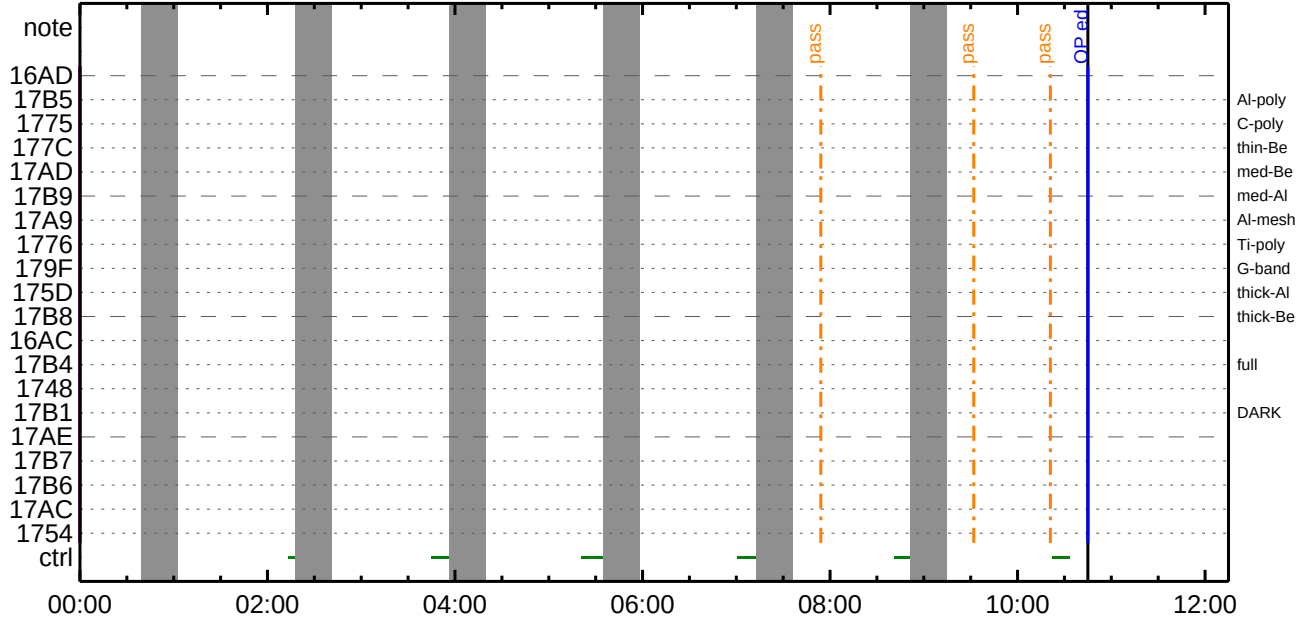
CMDI #0243 2010/05/06



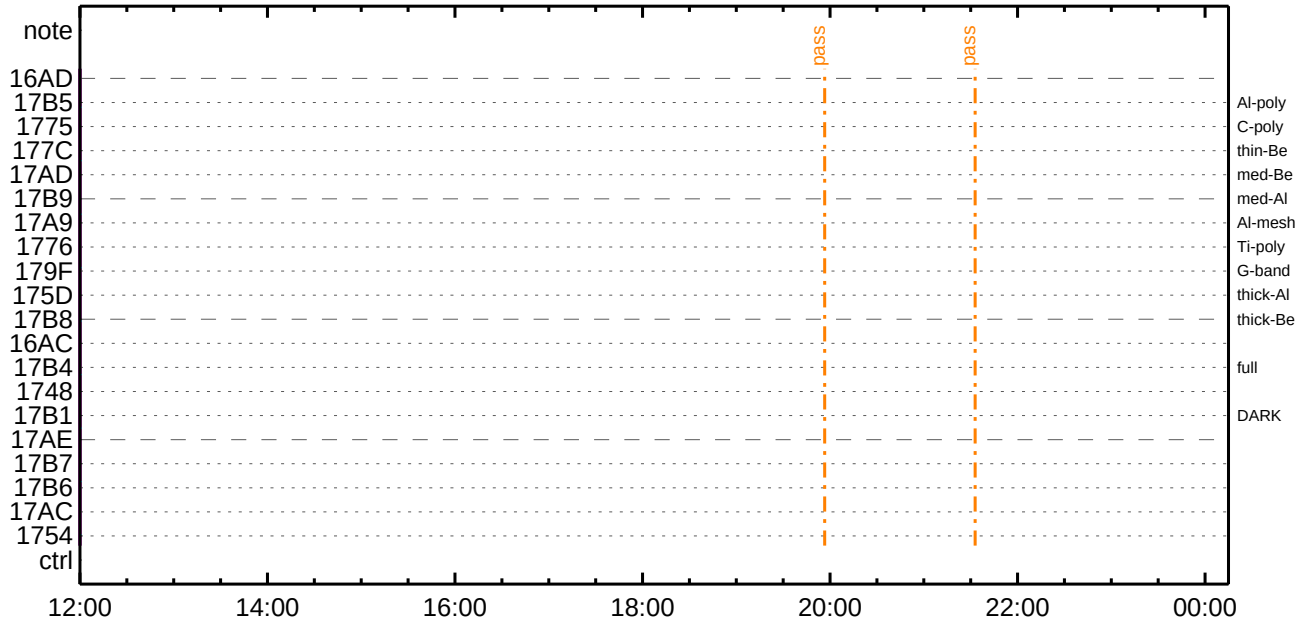
CMDI #0243 2010/05/06



CMDI #0243 2010/05/07



CMDI #0243 2010/05/07




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0096 C.
0097 C.
0098 C. *****
0099 C. OP/OG¶1j¼¥Éj|¥À¥ó¥×
0100 C. *****
0101 C.
0102 C. jãOP/OG¶1j¼¥Éjã
0103 S. OP op-336:OP
0104 ( )
0105 S. OG og-336:OG
0106 ( )
0107 C.
0108 C. jãNMOG&OPîî°è¥À¥ó¥×jã
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. ¶¢[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. ¶¢[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. ¶¢[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. ¶¢[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. ¶¢[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. ¶¢[HK1_PKT_FORM_NO] EQ 7
0120 C. ¶¢[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. ¶¢[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. ¶¢[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. ¶¢[HK1_DMP_CHK_FLG] EQ EXEC
0124 C. ¥À¥ó¥×½ªî»ðð³îÇ§
0125 C. ¶¢[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG¶î%Ê¹Ç•è²îOKðð³îÇ§
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. ¶¢[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. ¶¢[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. ¶¢[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. ¶¢[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. ¶¢[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. ¶¢[HK1_PKT_FORM_NO] EQ 7
0139 C. ¶¢[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. ¶¢[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. ¶¢[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. ¶¢[HK1_DMP_CHK_FLG] EQ EXEC
0143 C. ¥À¥ó¥×½ªî»ðð³îÇ§
0144 C. ¶¢[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG¶î%Ê¹Ç•è²îOKðð³îÇ§
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. ¶¢[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. ¶¢[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. ¶¢[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. ¶¢[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. ¶¢[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. ¶¢[HK1_PKT_FORM_NO] EQ 7
0158 C. ¶¢[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. ¶¢[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. ¶¢[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. ¶¢[HK1_DMP_CHK_FLG] EQ EXEC
0162 C. ¥À¥ó¥×½ªî»ðð³îÇ§
0163 C. ¶¢[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG,RAM ID=OP¶î%Ê¹Ç•è²îOKðð³îÇ§
0165 C.
0166 C. ***** °Ê²¼¶î%Ã´¶îÁ°ðÊÊ-¶îÁ÷¿® (¼ãµ-¥À¥ó¥×½ªê½ÇððÃÖÃæ¶îÇ½ª°¶îè%î¹Ç¶Çðâ) *****
0167 C. DHU¥âj¼¥ÉjÊ¼Y½, ¥îj¼¥ÉjÊððîã¶¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. ¶¢[HK1_PKT_FORM_NO] EQ 2
0171 C. ¶¢[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. ¶¢[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. ¶¢[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 j§ OPOG UPLOAD¶-Á÷¿®NG¶î%î¹Çj¢°Ê²¼¶î%îTI-CMDÁ÷¿®¶î%Ã¹Ô¶î•ê¶¶³¶Êj£
0180 C. ¶¶¶¿j¢SET¶ÊDUMP¶î%±°î%N¥¹¶Ç¹Ô¶î%³¶Êj£
0181 C.
0182 C. TI¥³¥¶¥ó¥ÉððÃðî¿(UT)
0183 +. TI 2010-05-02 10:50:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. ¶¢[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2010-05-02 10:50:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. ¶¢[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2010-05-02 10:50:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. ¶¢[HK1_TI_CMD_NUM] EQ 1COUNTUP

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0194 C.  
0195 +. TI 2010-05-02 10:54:59.5  
0196 DC 01-B2 DHU_OP_START  
0197 C.                                CC[HK1_TI_CMD_NUM]                EQ      1COUNTUP  
0198 C.  
0199 C. °Ê¼¤¤İÄê%ıİÑ¤İ¥Á¥S¥Ã¥¹âİÜ  
0200 C.                                CC[HK1_TI_CMD_ENA/DIS]            EQ      ENA  
0201 C.                                CC[HK1_TI_CMD_NUM]              EQ      4  
0202 C.                                CC[HK1_NEXT_EXEC_PIM]          EQ      DHU  
0203 C.                                CC[HK1_NEXT_EXEC_DC]         EQ      0xB3  
0204 C.  
0205 C. *****  
0206 C. TIIÎ°è¥Á¥ó¥×  
0207 C. *****  
0208 C.  
0209 C. TI_TBL(0x03AB00-0x03AEFF;S 1024byte)  
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET  
0211 BC   (03 ab 03 01 02)  
0212 C.                                CC[HK1_DMP_TOP_ADRS_1]        EQ      07  
0213 C.                                CC[HK1_DMP_TOP_ADRS_0]        EQ      2B  
0214 C.                                CC[HK1_DMP_BLOCK_NUM]       EQ      3  
0215 C.                                CC[HK1_DMP_REPEAT_NUM]     EQ      0  
0216 C.                                CC[HK1_DMA_DMP_PIM]         EQ      DHU  
0217 +. DC 01-22 DHU_MODE_CHNG  
0218 BC   (07 0b f8)  
0219 C.                                CC[HK1_PKT_FORM_NO]        EQ      7  
0220 C.                                CC[HK1_PKT_GEN_TIME]      EQ      0.25 s  
0221 C.                                CC[HK1_S_TLM_BIT_RATE]    EQ      32k  
0222 C.                                CC[HK1_X_TLM_BIT_RATE]    EQ      4M  
0223 C.                                CC[HK1_DMP_CHK_FLG]       EQ      EXEC  
0224 C.  
0225 C. ¥À¥Ó¥×½ªİ»¤ò³İÇŞ  
0226 C.                                CC[HK1_DMP_CHK_FLG]       EQ      NON  
0227 C.  
0228 C. RAM ID=TI_TBL¤İ¥Ê¹Ç•ë²İOK¤ò³İÇŞ  
0229 C.  
0230 C. DHU¥âı¥¥ÉıÊ¼Ý½¥İı¥¥ÊıË¤òİä¤¹  
0231 +. DC 01-22 DHU_MODE_CHNG  
0232 BC   (02 0a f8)  
0233 C.                                CC[HK1_PKT_FORM_NO]        EQ      2  
0234 C.                                CC[HK1_PKT_GEN_TIME]      EQ      0.5S  
0235 C.                                CC[HK1_S_TLM_BIT_RATE]    EQ      32K  
0236 C.                                CC[HK1_X_TLM_BIT_RATE]    EQ      4M  
0237 C.  
0238 C. Stop EIS observation and temporarily disable EIS mode changes  
0239 C.  
0240 C.  
0241 C. ***** Start EIS operation (TI set) *****  
0242 C. Execute, after the success of OP upload.  
0243 C. Set EIS TI-commands  
0244 +. TI 2010-05-02 10:54:30.0  
0245 DC 07-FC EIS_MODE_MANU  
0246 BC   (21 02)  
0247 +. TI 2010-05-02 10:54:40.0  
0248 DC 07-FC EIS_MODE_CHG_DIS  
0249 BC   (22)  
0250 C.                                [ ] [HK1_TI_CMD_NUM]      EQ      2 COUNTUP  
0251 C. ***** End EIS operation (TI set) *****  
0252 C.  
0253 C.  
0254 C. *****  
0255 C. SOT TI command set  
0256 C. *****  
0257 C. Execute, after the success of OP upload.  
0258 +. TI 2010-05-02 10:54:16.0  
0259 DC 07-F0 MDP_SOT_MODE_STBY  
0260 BC   (41)  
0261 C. -----  
0262 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]  
0263 C. -----  
0264 C. ***** SOT END *****  
0265 C.  
0266 C. ***** XRT START *****  
0267 C. Execute, after the success of OP upload.  
0268 +. TI 2010-05-02 10:54:00.0  
0269 DC 07-F0 MDP_XRT_MODE_STBY  
0270 BC   (c3)  
0271 C.                                [ ] [HK1_TI_CMD_NUM]      EQ      1COUNTUP  
0272 C.  
0273 C. ***** XRT END *****  
0274 C.  
0275 C. ***** MDP ´ÜÃİ¤İ»Ö¼Ý¤ĖÂ¤¤¹¤ēDCBC•×²è *****  
0276 C. (%ã°İ¥Ø¥Ã¥Ê¥¤¥Ê¥¤¥Ç¥ē¤Ė¼¤¤¤¥Å»¤¤¹¤ē)  
0277 S. DC-BC dcbc-402:DCBC  
0278 (MDP_known_event)  
0279 C.  
0280 C.  
0281 C. ***** ¥Ð¥¹•İ Daily±çİÑ¤Ė´Ø¤¹¤ēDCBC•×²è *****  
0282 S. DC-BC dcbc-153:DCBC  
0283 (SPECIAL-CMD_DAILY_OPERATIN_DCB)  
0284 C.  
0285 C.  
0286 C. įāLOS¥Á¥S¥Ã¥¼¥Å»Üįä  
0287 C.  
0288 C. ***** LOS *****  
0289 C.
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(a) Spacecraft Operation Procedure (real-commands)

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main-337 2010-05-02 11:59:33 166 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. iãAOS¥Á¥S¥Ã¥¼Á»Üjã
0005 C.
0006 C. ¥À¥Bj¼¥³¥P¥Ó¥ÉÁ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Āi;Ē¿¿A¤•µ°Æ»İ×AÇ¤İ¥¢¥A¥×¥i;¼¥ÉjĒĒ½µ•İĒĒjĒĒ½°Ç¿¤•¤¿¼i¹Ç¤İjÇÀ®, Ü¤¹¤Ē¤¤¤ÇÁ÷¿®¤•¤Ē¤¤¤¤ĒjĒ
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÁ÷¿®µjON
0016 C. *****
0017 C. ¨ °ÆĀ, İ×ĒY¤¤ŁOS¤¤¤Ç¤İ»p´Ŏ¤ò¹İĒ, ¤•jÇĒŎİ×¤ĒXĀŎON¤İ¹Ŏ¤Ēİ¤Ē¤¤¤¤ĒjĒ
0018 C.
0019 +. DC 03-B4 TCIA_XPA_ON/HI
0020 M. WAIT_SEC 1
0021 +. DC 03-84 TCIA_XMOD_ON
0022 M. WAIT_SEC 1
0023 +. DC 03-95 TCIA_XMOD_QPSK
0024 C. ¢¢[HK1_XPA_ON/OFF] EQ ON
0025 C. ¢¢[HK1_XPA_PWR_HI/LO] EQ HI
0026 C. ¢¢[HK1_XMOD_ON/OFF] EQ ON
0027 C. ¢¢[HK1_XMOD_QPSK/PM] EQ QPSK
0028 C.
0029 . C. X¥Đ¥Ó¥É¥İ¥Ã¥¼ŎĀŎ¤¬°ĀĀĒ¤•¤¿¤ĒjÇ°Ē²¼¤İ°ÆĀ, ¼Ē½Ç¤ò¼Ā¹Ŏ¤¹¤ĒjĒ
0030 C.
0031 . C. *****
0032 C. DR PT1 Āİ¼İ°ÆĀ
0033 C. *****
0034 C. ¨ ¨ RESTARTjĒPT1jĒ¤¤•¤¿¤¤¼i¹Ç¤İjÇ°Ē²¼¤İ¼Ā¹Ŏ¤¤¤¤jÇDCBC-150¤Ŏ¿ĒĒ¤¤jĒ
0035 C.
0036 . C. jãPT1°ÆĀ, ³«»İjã
0037 +. DC 01-29 DHU_S/X_VC4_OFF
0038 +. DC 06-C8 DR_PT1_REP_SEL
0039 BC (01 00)
0040 +. DC 06-B3 DR_REP_START
0041 +. DC 01-32 DHU_X_VC4_ON
0042 C. ¢¢[HK1_REP_PT_1/2] EQ PT1 (¼Ā¹Ŏ, i¼Ŭ)
0043 C. ¢¢[HK1_REP_STA/STP] EQ START (¼Ā¹Ŏ, i¼Ŭ)
0044 C. ¢¢[HK1_X_VC4_ON/OFF] EQ ON (¼Ā¹Ŏ, i¼Ŭ)
0045 C.
0046 . C. jã¥¢¥Ó¥Æ¥ĒĀŬĀŎjĒĀ•Ā²ŎĒòjĒĒ, Ā¤İ°ÆĀ, °Æ³«jã
0047 +. DC 06-B3 DR_REP_START
0048 +. DC 01-32 DHU_X_VC4_ON
0049 C. ¢¢[HK1_REP_PT_1/2] EQ PT1 (¼Ā¹Ŏ, i¼Ŭ)
0050 C. ¢¢[HK1_REP_STA/STP] EQ START (¼Ā¹Ŏ, i¼Ŭ)
0051 C. ¢¢[HK1_X_VC4_ON/OFF] EQ ON (¼Ā¹Ŏ, i¼Ŭ)
0052 C.
0053 C.
0054 . C. PT1°ÆĀ, ¤¬¼«Æ°ĀĀ»B¤•¤¿, ĀjÇ°Ē²¼¤ò¼Ā¹Ŏ¤¹¤ĒjĒ
0055 C. ¥¢¥Ó¥Æ¥ĒĀŬĀŎ¤¤ĀĀ•Ā²ŎĒĒò¤¬ŋĀ¤¤¼i¹Ç¤İ °İ»¤¹¤Ē¤¤¤ÇĀŎ¤ĀjĒ
0056 C.
0057 . C. *****
0058 C. DR PT2 Āİ¼İ°ÆĀ
0059 C. *****
0060 C. ¨ ¨ RESTARTjĒPT2jĒ¤¤•¤¿¤¤¼i¹Ç¤İjÇ°Ē²¼¤İ¼Ā¹Ŏ¤¤¤¤jÇDCBC-151¤Ŏ¿ĒĒ¤¤¤jĒ
0061 C.
0062 . C. jãPT2°ÆĀ, ³«»İjã
0063 +. DC 01-29 DHU_S/X_VC4_OFF
0064 +. DC 06-C8 DR_PT2_REP_SEL
0065 BC (02 00)
0066 +. DC 06-B3 DR_REP_START
0067 +. DC 01-32 DHU_X_VC4_ON
0068 C. ¢¢[HK1_REP_PT_1/2] EQ PT2 (¼Ā¹Ŏ, i¼Ŭ)
0069 C. ¢¢[HK1_REP_STA/STP] EQ START (¼Ā¹Ŏ, i¼Ŭ)
0070 C. ¢¢[HK1_X_VC4_ON/OFF] EQ ON (¼Ā¹Ŏ, i¼Ŭ)
0071 C.
0072 . C. jã¥¢¥Ó¥Æ¥ĒĀŬĀŎjĒĀ•Ā²ŎĒòjĒĒ, Ā¤İ°ÆĀ, °Æ³«jã
0073 +. DC 06-B3 DR_REP_START
0074 +. DC 01-32 DHU_X_VC4_ON
0075 C. ¢¢[HK1_REP_PT_1/2] EQ PT2 (¼Ā¹Ŏ, i¼Ŭ)
0076 C. ¢¢[HK1_REP_STA/STP] EQ START (¼Ā¹Ŏ, i¼Ŭ)
0077 C. ¢¢[HK1_X_VC4_ON/OFF] EQ ON (¼Ā¹Ŏ, i¼Ŭ)
0078 C.
0079 . C. *****
0080 C. DR°ÆĀ, Āã»BjÇXÁ÷¿®µjOFF
0081 C. *****
0082 C.
0083 . C. jãDR°ÆĀ, Āã»Bjã
0084 +. DC 06-B4 DR_REP_STOP
0085 +. DC 01-29 DHU_S/X_VC4_OFF
0086 C. ¢¢[HK1_REP_STA/STP] EQ STOP
0087 C. ¢¢[HK1_S_VC4_ON/OFF] EQ OFF
0088 C. ¢¢[HK1_X_VC4_ON/OFF] EQ OFF
0089 C.
0090 . C. jãXÁ÷¿®µjOFFjã
0091 +. DC 03-85 TCIA_XMOD_OFF
0092 M. WAIT_SEC 1
0093 +. DC 03-B5 TCIA_XPA_OFF
0094 C. ¢¢[HK1_XMOD_ON/OFF] EQ OFF
0095 C. ¢¢[HK1_XPA_ON/OFF] EQ OFF
```

```

00096 C.
00097 C.
00098 C. ***** AOCS Commands (Tracking Curve Upload) *****
00099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 S. RAM ram-150:TARGET_ATT
0102 C.
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCS Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCS DUMP to end
0117 C.
0118 C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 C.
0129 C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0130 +. DC 07-FC EIS_MODE_MANU
0131 BC (21 02)
0132 C. Verify EIS in MANUAL mode
0133 C. Estimated OBSTBL upload time is 1m40s
0134 C. *****
0135 C. EIS START OBSTBL LOAD
0136 C. *****
0137 S. RAM ram-820:EIS_OBSTBL
0138 C.
0139 +. DC 07-FC EIS_DUMP_OBSTBL
0140 BC (07 07 07 00 00 70 00)
0141 C.
0142 C. Execute, after the success of OBSTBL upload.
0143 C. Set EIS TI-commands
0144 +. TI 2010-05-02 10:54:50.0
0145 DC 07-FC EIS_MODE_CHG_ENA
0146 BC (20)
0147 C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0148 C. *****
0149 C. EIS END OBSTBL LOAD
0150 C. *****
0151 C.
0152 C. ***** MDP `0Ãi0i»0%Y0EÃ010eDCBC•x²è *****
0153 C. (%ã°i¥0¥Ã¥E¥P¥E¥Ã¥C¥è0E½00¥A»Ü010è)
0154 S. DC-BC dcbc-402:DCBC
0155 (MDP_known_event)
0156 C.
0157 C.
0158 C. ***** ¥D¥1•İ Daily±¿İÑ0E`0010eDCBC•x²è *****
0159 S. DC-BC dcbc-153:DCBC
0160 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0161 C.
0162 C.
0163 C. iãLOS¥Á¥S¥Ã¥¬¼A»Üiã
0164 C.
0165 C. ***** LOS *****
0166 C.

```

(a) Spacecraft Operation Procedure (real-commands)

```
main-338 2010-05-02 11:59:33 116 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. iãAOS¥Á¥S¥Ã¥¼Å»Üjã
0005 C.
0006 C. ¥À¥Bj¼¥³¥D¥Ó¥ÉÁ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. ĀiĒĒ¿¿Aa•µ°£»İ×AÇaİ¥C¥A¥×¥i¼¥ĒjĒĒĒµ•iĒĒjĒaĒ°ÇÖa•a¿¼i¹ÇaİjÇÀ®, ũa¹aĒaPaÇÁ÷¿®a•aĒaPa³aĒj£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. SOT table upload
0016 C. *****
0017 . C. < Stop SP table >
0018 +. DC 07-F0 MDP_SP_CTRL_MANU
0019 BC (61)
0020 C. -----
0021 C. MDP_SP_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload SP Observation Table>
0025 . S. RAM ram-285:MDP_OBS_S
0026 ( )
0027 C.
0028 . C. < Dump RAMID=MDP_OBS_S >
0029 +. DC 07-F0 MDP_DUMP_SPTBL
0030 BC (83 07 00 00 00 38 b8)
0031 C. -----
0032 C. MDP_OBS_S 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 2010-05-02 10:54:18.0
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 08 08)
0076 +. DC 07-F0 MDP_XRT_ROI_SET
0077 BC (cd 08 80 80 20 20)
0078 +. DC 07-F0 MDP_XRT_ROI_SET
0079 BC (cd 09 80 80 20 08)
0080 +. DC 07-F0 MDP_XRT_ROI_SET
0081 BC (cd 0a 80 80 08 20)
0082 +. DC 07-F0 MDP_XRT_ROI_SET
0083 BC (cd 0b 85 83 06 06)
0084 +. DC 07-F0 MDP_XRT_ROI_SET
0085 BC (cd 0f 80 80 06 06)
0086 +. DC 07-F0 MDP_XRT_AEC_RESET
0087 BC (d0)
0088 . C. ----- Success Verify ? OK / NG ____
0089 C.
0090 C.
0091 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0092 C.
0093 +. DC 07-F0 MDP_XRT_MODE_OBSV
0094 BC (c2)
0095 +. TI 2010-05-02 10:54:02.0
```

```
0096 DC 07-F0 MDP_XRT_MODE_OBSV
0097 BC (c2)
0098 . C. ----- Success Verify ? OK / NG ____
0099 . C.
0100 . C. ***** XRT END *****
0101 . C.
0102 . C. ***** MDP 'ûÃî»ö%ýðÊð¹ðÐDCBC•x²è *****
0103 . C. (%ã°î¥0¥Ã¥Ê¥P¥Ê¥ã¥C¥èðÊ½¼ð¼Ã»Û¹ðè)
0104 . S. DC-BC dcbc-402:DCBC
0105 (MDP_known_event)
0106 . C.
0107 . C.
0108 . C. ***** ¥Ð¥¹•İ Daily±¿İÑðÊ'0¹ðèDCBC•x²è *****
0109 . S. DC-BC dcbc-153:DCBC
0110 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0111 . C.
0112 . C.
0113 . C. ;ãLOS¥Á¥S¥Ã¥¼Ã»Û;ã
0114 . C.
0115 . C. ***** LOS *****
0116 . C.
```

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*** OP Sequence for XRT ***

2010/05/02	11:04:54.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2010/05/02	11:04:56.0	XRT_FOCUS_POSITION_401_OG [0x191]		
		XRT_FOCUS_POSITION	4	07-F8 22 fe 97 00
2010/05/02	11:05:00.0	AOCS_ORe-point_Start_1_OG [0x097]		
		AOCU_NM	5	02-76 03 00 00 00 00
2010/05/02	11:05:16.0	XRT_AEC_RESET_428_OG [0x1ac]		
		MDP_XRT_AEC_RESET	1	07-F0 d0
2010/05/02	11:05:18.0	XRT_FLD_ENA_402_OG [0x192]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2010/05/02	11:05:20.0	XRT_FLD_RESET_403_OG [0x193]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2010/05/02	11:05:22.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2010/05/02	11:05:24.0	XRT_ARS_DIS_405_OG [0x195]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2010/05/02	11:07:58.0	XRT_QT_PROG_SET_432_OG [0x1b0]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 04
2010/05/02	11:08:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0d
2010/05/02	11:08:02.5	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2010/05/02	12:19:30.0	XRT_CTRL_MANU_409_OG [0x199]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2010/05/02	12:41:30.0	XRT_Custom_410_OG [0x19a]		
2010/05/02	12:42:30.0	XRT_CTRL_AUTO_411_OG [0x19b]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2010/05/02	13:58:00.0	XRT_CTRL_MANU_409_OG [0x199]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2010/05/02	14:20:00.0	XRT_Custom_410_OG [0x19a]		
2010/05/02	14:21:00.0	XRT_CTRL_AUTO_411_OG [0x19b]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2010/05/02	14:22:00.0	XRT_CTRL_MANU_409_OG [0x199]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2010/05/02	14:28:30.0	XRT_Custom_410_OG [0x19a]		
2010/05/02	14:29:30.0	XRT_CTRL_AUTO_411_OG [0x19b]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2010/05/02	15:36:30.0	XRT_CTRL_MANU_409_OG [0x199]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2010/05/02	16:18:30.0	XRT_Custom_410_OG [0x19a]		
2010/05/02	16:19:30.0	XRT_CTRL_AUTO_411_OG [0x19b]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2010/05/02	17:14:30.0	XRT_CTRL_MANU_409_OG [0x199]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2010/05/02	17:56:54.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2010/05/02	17:56:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]		
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2010/05/02	17:57:00.0	AOCS_ORe-point_Start_2_OG [0x098]		
		AOCU_NM	5	02-76 00 00 00 00 00
2010/05/02	17:57:16.0	XRT_FLD_DIS_413_OG [0x19d]		
		MDP_XRT_FLD_DIS	1	07-F0 d9
2010/05/02	17:57:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]		
		MDP_XRT_FLRCTRL_DIS	1	07-F0 c9
2010/05/02	17:57:20.0	XRT_ARS_DIS_415_OG [0x19f]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2010/05/02	17:59:58.0	XRT_QT_PROG_SET_438_OG [0x1b6]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 0f
2010/05/02	18:00:00.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2010/05/02	18:03:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2010/05/02	18:03:02.0	XRT_FOCUS_POSITION_412_OG [0x19c]		
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2010/05/02	18:03:22.0	XRT_AEC_RESET_428_OG [0x1ac]		
		MDP_XRT_AEC_RESET	1	07-F0 d0
2010/05/02	18:03:24.0	XRT_FLD_DIS_413_OG [0x19d]		
		MDP_XRT_FLD_DIS	1	07-F0 d9
2010/05/02	18:03:26.0	XRT_FLRCTRL_DIS_414_OG [0x19e]		
		MDP_XRT_FLRCTRL_DIS	1	07-F0 c9
2010/05/02	18:03:28.0	XRT_ARS_DIS_446_OG [0x1be]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2010/05/02	18:03:30.0	XRT_QT_PROG_SET_443_OG [0x1bb]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 0e
2010/05/02	18:03:32.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2010/05/02	18:16:54.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2010/05/02	18:16:56.0	XRT_FOCUS_POSITION_401_OG [0x191]		
		XRT_FOCUS_POSITION	4	07-F8 22 fe 97 00
2010/05/02	18:17:00.0	AOCS_ORe-point_Start_1_OG [0x097]		
		AOCU_NM	5	02-76 03 00 00 00 00
2010/05/02	18:17:16.0	XRT_AEC_RESET_428_OG [0x1ac]		
		MDP_XRT_AEC_RESET	1	07-F0 d0
2010/05/02	18:17:18.0	XRT_FLD_ENA_402_OG [0x192]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2010/05/02	18:17:20.0	XRT_FLD_RESET_403_OG [0x193]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2010/05/02	18:17:22.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2010/05/02	18:17:24.0	XRT_ARS_DIS_405_OG [0x195]		

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2010/05/02	18:19:58.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2010/05/02	18:20:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03	
2010/05/02	18:20:02.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2010/05/02	18:53:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/05/02	19:32:00.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/05/02	19:33:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/05/02	20:31:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/05/02	21:09:30.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/05/02	21:10:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/05/02	22:10:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/05/02	22:45:00.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/05/02	22:46:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/05/02	23:48:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/05/03	00:11:00.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/05/03	00:12:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/05/03	01:26:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/05/03	01:49:30.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/05/03	01:50:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/05/03	02:59:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/05/03	03:28:00.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/05/03	03:29:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/05/03	04:29:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/05/03	05:06:30.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/05/03	05:07:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/05/03	05:41:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/05/03	05:41:56.0	XRT_FOCUS_RECALIBRATE_420_OG [0x1a4]	XRT_FOCUS_RECAL	2	07-F8	78 00	
2010/05/03	05:42:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2010/05/03	05:45:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2010/05/03	05:46:16.0	XRT_FLD_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2010/05/03	05:46:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2010/05/03	05:46:20.0	XRT_ARS_DIS_446_OG [0x1be]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2010/05/03	05:46:22.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f	
2010/05/03	05:46:24.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/05/03	05:48:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/05/03	05:48:02.0	XRT_FOCUS_POSITION_412_OG [0x19c]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2010/05/03	05:48:22.0	XRT_AEC_RESET_428_OG [0x1ac]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2010/05/03	05:48:24.0	XRT_FLD_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2010/05/03	05:48:26.0	XRT_FLRCTRL_DIS_414_OG [0x19e]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2010/05/03	05:48:28.0	XRT_ARS_DIS_446_OG [0x1be]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2010/05/03	05:48:30.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e	
2010/05/03	05:48:32.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/05/03	06:02:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	03 00 00 00 00	
2010/05/03	06:09:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/05/03	06:45:00.5	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/05/03	06:45:02.5	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2010/05/03	06:45:22.5	XRT_AEC_RESET_428_OG [0x1ac]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2010/05/03	06:45:24.5	XRT_FLD_ENA_402_OG [0x192]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2010/05/03	06:45:26.5	XRT_FLD_RESET_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da	
2010/05/03	06:45:28.5	XRT_FLRCTRL_ENA_418_OG [0x1a2]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2010/05/03	06:45:30.5	XRT_ARS_DIS_405_OG [0x195]					

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2010/05/03	06:48:04.5	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/05/03	06:48:06.5	XRT_FL_PROG_SET_442_OG [0x1ba]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2010/05/03	06:48:08.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2010/05/03	07:50:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/03	08:23:30.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/03	08:24:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/03	09:29:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/03	10:02:00.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/03	10:03:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/03	11:18:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/03	11:40:30.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/03	11:41:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/03	11:59:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/03	11:59:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/05/03	12:00:00.0	AOCs_Or-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 ac cd
2010/05/03	12:00:16.0	XRT_FLD_ENA_402_OG [0x192]	MDP_XRT_FLD_ENA	1	07-F0	d8
2010/05/03	12:00:18.0	XRT_FLD_RESET_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/05/03	12:00:20.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/05/03	12:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/05/03	12:02:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2010/05/03	12:03:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2010/05/03	12:03:02.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/03	12:15:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/03	12:15:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/05/03	12:16:00.0	AOCs_Or-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00 00 00 d6 67
2010/05/03	12:16:16.0	XRT_FLD_ENA_402_OG [0x192]	MDP_XRT_FLD_ENA	1	07-F0	d8
2010/05/03	12:16:18.0	XRT_FLD_RESET_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/05/03	12:16:20.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/05/03	12:16:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/05/03	12:18:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2010/05/03	12:19:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2010/05/03	12:19:02.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/03	12:31:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/03	12:31:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/05/03	12:32:00.0	AOCs_Or-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00
2010/05/03	12:32:16.0	XRT_FLD_ENA_402_OG [0x192]	MDP_XRT_FLD_ENA	1	07-F0	d8
2010/05/03	12:32:18.0	XRT_FLD_RESET_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/05/03	12:32:20.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/05/03	12:32:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/05/03	12:34:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2010/05/03	12:35:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2010/05/03	12:35:02.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/03	12:56:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/03	13:18:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/03	13:18:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/05/03	13:19:00.0	AOCs_Or-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00 00 00 29 99
2010/05/03	13:19:16.0	XRT_FLD_ENA_402_OG [0x192]	MDP_XRT_FLD_ENA	1	07-F0	d8
2010/05/03	13:19:18.0	XRT_FLD_RESET_403_OG [0x193]				

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2010/05/03	13:19:20.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/05/03	13:19:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/05/03	13:21:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/05/03	13:22:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2010/05/03	13:22:02.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2010/05/03	13:34:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/03	13:34:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/03	13:35:00.0	AOCS_ORe-point_Start_6_OG [0x09c]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/05/03	13:35:16.0	XRT_FLD_ENA_402_OG [0x192]	AOCU_NM	5	02-76	00 00 00 53 33
2010/05/03	13:35:18.0	XRT_FLD_RESET_403_OG [0x193]	MDP_XRT_FLD_ENA	1	07-F0	d8
2010/05/03	13:35:20.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/05/03	13:35:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/05/03	13:37:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/05/03	13:38:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2010/05/03	13:38:02.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2010/05/03	13:50:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/03	13:50:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/03	13:51:00.0	AOCS_ORe-point_Start_7_OG [0x09d]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/05/03	13:51:16.0	XRT_FLD_ENA_402_OG [0x192]	AOCU_NM	5	02-76	00 d6 36 b7 8e
2010/05/03	13:51:18.0	XRT_FLD_RESET_403_OG [0x193]	MDP_XRT_FLD_ENA	1	07-F0	d8
2010/05/03	13:51:20.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/05/03	13:51:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/05/03	13:53:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/05/03	13:54:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2010/05/03	13:54:02.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2010/05/03	14:00:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/03	14:00:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/03	14:01:00.0	AOCS_ORe-point_Start_8_OG [0x09e]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/05/03	14:01:16.0	XRT_FLD_ENA_402_OG [0x192]	AOCU_NM	5	02-76	00 b4 b5 db 75
2010/05/03	14:01:18.0	XRT_FLD_RESET_403_OG [0x193]	MDP_XRT_FLD_ENA	1	07-F0	d8
2010/05/03	14:01:20.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/05/03	14:01:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/05/03	14:03:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/05/03	14:04:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2010/05/03	14:04:02.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2010/05/03	14:16:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/03	14:16:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/03	14:17:00.0	AOCS_ORe-point_Start_9_OG [0x09f]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/05/03	14:17:16.0	XRT_FLD_ENA_402_OG [0x192]	AOCU_NM	5	02-76	00 ac 5b 00 00
2010/05/03	14:17:18.0	XRT_FLD_RESET_403_OG [0x193]	MDP_XRT_FLD_ENA	1	07-F0	d8
2010/05/03	14:17:20.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/05/03	14:17:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/05/03	14:19:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/05/03	14:20:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2010/05/03	14:20:02.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2010/05/03	14:35:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1

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2010/05/03	15:08:00.0	XRT_Custom_410_OG [0x19a]		
2010/05/03	15:09:00.0	XRT_CTRL_AUTO_411_OG [0x19b]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2010/05/03	15:13:54.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2010/05/03	15:13:56.0	XRT_FOCUS_POSITION_401_OG [0x191]		
		XRT_FOCUS_POSITION	4	07-F8 22 fe 97 00
2010/05/03	15:14:00.0	AOCS_ORe-point_Start_10_OG [0x0a0]		
		AOCU_NM	5	02-76 00 b4 b5 24 8b
2010/05/03	15:14:16.0	XRT_FLD_ENA_402_OG [0x192]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2010/05/03	15:14:18.0	XRT_FLD_RESET_403_OG [0x193]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2010/05/03	15:14:20.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2010/05/03	15:14:22.0	XRT_ARS_DIS_423_OG [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2010/05/03	15:16:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 12
2010/05/03	15:17:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0d
2010/05/03	15:17:02.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2010/05/03	15:29:54.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2010/05/03	15:29:56.0	XRT_FOCUS_POSITION_401_OG [0x191]		
		XRT_FOCUS_POSITION	4	07-F8 22 fe 97 00
2010/05/03	15:30:00.0	AOCS_ORe-point_Start_11_OG [0x0a1]		
		AOCU_NM	5	02-76 00 d6 36 48 72
2010/05/03	15:30:16.0	XRT_FLD_ENA_402_OG [0x192]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2010/05/03	15:30:18.0	XRT_FLD_RESET_403_OG [0x193]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2010/05/03	15:30:20.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2010/05/03	15:30:22.0	XRT_ARS_DIS_423_OG [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2010/05/03	15:32:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 12
2010/05/03	15:33:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0d
2010/05/03	15:33:02.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2010/05/03	15:39:54.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2010/05/03	15:39:56.0	XRT_FOCUS_POSITION_401_OG [0x191]		
		XRT_FOCUS_POSITION	4	07-F8 22 fe 97 00
2010/05/03	15:40:00.0	AOCS_ORe-point_Start_12_OG [0x0a2]		
		AOCU_NM	5	02-76 00 29 ca b7 8e
2010/05/03	15:40:16.0	XRT_FLD_ENA_402_OG [0x192]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2010/05/03	15:40:18.0	XRT_FLD_RESET_403_OG [0x193]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2010/05/03	15:40:20.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2010/05/03	15:40:22.0	XRT_ARS_DIS_423_OG [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2010/05/03	15:42:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 12
2010/05/03	15:43:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0d
2010/05/03	15:43:02.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2010/05/03	15:49:54.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2010/05/03	15:49:56.0	XRT_FOCUS_POSITION_401_OG [0x191]		
		XRT_FOCUS_POSITION	4	07-F8 22 fe 97 00
2010/05/03	15:50:00.0	AOCS_ORe-point_Start_13_OG [0x0a3]		
		AOCU_NM	5	02-76 00 4b 4b db 75
2010/05/03	15:50:16.0	XRT_FLD_ENA_402_OG [0x192]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2010/05/03	15:50:18.0	XRT_FLD_RESET_403_OG [0x193]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2010/05/03	15:50:20.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2010/05/03	15:50:22.0	XRT_ARS_DIS_423_OG [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2010/05/03	15:52:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 12
2010/05/03	15:53:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0d
2010/05/03	15:53:02.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2010/05/03	16:13:30.0	XRT_CTRL_MANU_409_OG [0x199]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2010/05/03	16:55:00.0	XRT_Custom_410_OG [0x19a]		
2010/05/03	16:56:00.0	XRT_CTRL_AUTO_411_OG [0x19b]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2010/05/03	17:00:54.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2010/05/03	17:00:56.0	XRT_FOCUS_POSITION_401_OG [0x191]		
		XRT_FOCUS_POSITION	4	07-F8 22 fe 97 00
2010/05/03	17:01:00.0	AOCS_ORe-point_Start_14_OG [0x0a4]		

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2010/05/03	17:01:16.0	XRT_FLD_ENA_402_OG [0x192]	AOCU_NM	5	02-76 00 53 a5 00 00
		MDP_XRT_FLD_ENA		1	07-F0 d8
2010/05/03	17:01:18.0	XRT_FLD_RESET_403_OG [0x193]			
		MDP_XRT_FLD_RESET		1	07-F0 da
2010/05/03	17:01:20.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]			
		MDP_XRT_FLRCTRL_ENA		1	07-F0 c8
2010/05/03	17:01:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS		1	07-F0 d5
2010/05/03	17:03:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]			
		MDP_XRT_QT_PROG_SET		2	07-F0 c4 12
2010/05/03	17:04:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]			
		MDP_XRT_FL_PROG_SET		2	07-F0 c5 0d
2010/05/03	17:04:02.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO		1	07-F0 c0
2010/05/03	17:16:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU		1	07-F0 c1
2010/05/03	17:16:56.0	XRT_FOCUS_POSITION_401_OG [0x191]			
		XRT_FOCUS_POSITION		4	07-F8 22 fe 97 00
2010/05/03	17:17:00.0	AOCS_ORe-point_Start_15_OG [0x0a5]			
		AOCU_NM		5	02-76 00 4b 4b 24 8b
2010/05/03	17:17:16.0	XRT_FLD_ENA_402_OG [0x192]			
		MDP_XRT_FLD_ENA		1	07-F0 d8
2010/05/03	17:17:18.0	XRT_FLD_RESET_403_OG [0x193]			
		MDP_XRT_FLD_RESET		1	07-F0 da
2010/05/03	17:17:20.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]			
		MDP_XRT_FLRCTRL_ENA		1	07-F0 c8
2010/05/03	17:17:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS		1	07-F0 d5
2010/05/03	17:19:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]			
		MDP_XRT_QT_PROG_SET		2	07-F0 c4 12
2010/05/03	17:20:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]			
		MDP_XRT_FL_PROG_SET		2	07-F0 c5 0d
2010/05/03	17:20:02.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO		1	07-F0 c0
2010/05/03	17:32:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU		1	07-F0 c1
2010/05/03	17:32:56.0	XRT_FOCUS_POSITION_401_OG [0x191]			
		XRT_FOCUS_POSITION		4	07-F8 22 fe 97 00
2010/05/03	17:33:00.0	AOCS_ORe-point_Start_16_OG [0x0a6]			
		AOCU_NM		5	02-76 00 29 db 48 72
2010/05/03	17:33:16.0	XRT_FLD_ENA_402_OG [0x192]			
		MDP_XRT_FLD_ENA		1	07-F0 d8
2010/05/03	17:33:18.0	XRT_FLD_RESET_403_OG [0x193]			
		MDP_XRT_FLD_RESET		1	07-F0 da
2010/05/03	17:33:20.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]			
		MDP_XRT_FLRCTRL_ENA		1	07-F0 c8
2010/05/03	17:33:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS		1	07-F0 d5
2010/05/03	17:35:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]			
		MDP_XRT_QT_PROG_SET		2	07-F0 c4 12
2010/05/03	17:36:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]			
		MDP_XRT_FL_PROG_SET		2	07-F0 c5 0d
2010/05/03	17:36:02.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO		1	07-F0 c0
2010/05/03	17:41:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU		1	07-F0 c1
2010/05/03	17:41:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]			
		XRT_FOCUS_POSITION		4	07-F8 22 ff aa 00
2010/05/03	17:42:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM		5	02-76 00 00 00 00 00
2010/05/03	17:42:16.0	XRT_FLD_DIS_413_OG [0x19d]			
		MDP_XRT_FLD_DIS		1	07-F0 d9
2010/05/03	17:42:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]			
		MDP_XRT_FLRCTRL_DIS		1	07-F0 c9
2010/05/03	17:42:20.0	XRT_ARS_DIS_415_OG [0x19f]			
		MDP_XRT_ARS_DIS		1	07-F0 d5
2010/05/03	17:44:58.0	XRT_QT_PROG_SET_438_OG [0x1b6]			
		MDP_XRT_QT_PROG_SET		2	07-F0 c4 0f
2010/05/03	17:45:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO		1	07-F0 c0
2010/05/03	18:32:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU		1	07-F0 c1
2010/05/03	18:32:02.0	XRT_FOCUS_POSITION_412_OG [0x19c]			
		XRT_FOCUS_POSITION		4	07-F8 22 ff aa 00
2010/05/03	18:32:22.0	XRT_AEC_RESET_428_OG [0x1ac]			
		MDP_XRT_AEC_RESET		1	07-F0 d0
2010/05/03	18:32:24.0	XRT_FLD_DIS_413_OG [0x19d]			
		MDP_XRT_FLD_DIS		1	07-F0 d9
2010/05/03	18:32:26.0	XRT_FLRCTRL_DIS_414_OG [0x19e]			
		MDP_XRT_FLRCTRL_DIS		1	07-F0 c9
2010/05/03	18:32:28.0	XRT_ARS_DIS_446_OG [0x1be]			
		MDP_XRT_ARS_DIS		1	07-F0 d5
2010/05/03	18:32:30.0	XRT_QT_PROG_SET_443_OG [0x1bb]			
		MDP_XRT_QT_PROG_SET		2	07-F0 c4 0e
2010/05/03	18:32:32.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO		1	07-F0 c0
2010/05/03	18:49:49.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU		1	07-F0 c1
2010/05/03	19:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]			
		AOCU_NM		5	02-76 00 00 00 ac cd
2010/05/03	20:15:00.0	AOCS_ORe-point_Start_4_OG [0x09a]			
		AOCU_NM		5	02-76 00 00 00 d6 67

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2010/05/03	20:31:00.0	AOCS_ORe-point_Start_2_OG [0x098]	
		AOCU_NM	5 02-76 00 00 00 00 00
2010/05/03	20:47:00.0	AOCS_ORe-point_Start_5_OG [0x09b]	
		AOCU_NM	5 02-76 00 00 00 29 99
2010/05/03	21:52:00.0	AOCS_ORe-point_Start_6_OG [0x09c]	
		AOCU_NM	5 02-76 00 00 00 53 33
2010/05/03	22:08:00.0	AOCS_ORe-point_Start_7_OG [0x09d]	
		AOCU_NM	5 02-76 00 d6 36 b7 8e
2010/05/03	22:18:00.0	AOCS_ORe-point_Start_8_OG [0x09e]	
		AOCU_NM	5 02-76 00 b4 b5 db 75
2010/05/03	23:26:00.0	AOCS_ORe-point_Start_9_OG [0x09f]	
		AOCU_NM	5 02-76 00 ac 5b 00 00
2010/05/03	23:42:00.0	AOCS_ORe-point_Start_10_OG [0x0a0]	
		AOCU_NM	5 02-76 00 b4 b5 24 8b
2010/05/03	23:58:00.0	AOCS_ORe-point_Start_11_OG [0x0a1]	
		AOCU_NM	5 02-76 00 d6 36 48 72
2010/05/04	00:08:00.0	AOCS_ORe-point_Start_12_OG [0x0a2]	
		AOCU_NM	5 02-76 00 29 ca b7 8e
2010/05/04	00:50:00.0	AOCS_ORe-point_Start_13_OG [0x0a3]	
		AOCU_NM	5 02-76 00 4b 4b db 75
2010/05/04	01:06:00.0	AOCS_ORe-point_Start_14_OG [0x0a4]	
		AOCU_NM	5 02-76 00 53 a5 00 00
2010/05/04	01:22:00.0	AOCS_ORe-point_Start_15_OG [0x0a5]	
		AOCU_NM	5 02-76 00 4b 4b 24 8b
2010/05/04	01:38:00.0	AOCS_ORe-point_Start_16_OG [0x0a6]	
		AOCU_NM	5 02-76 00 29 db 48 72
2010/05/04	01:49:54.0	XRT_CTRL_MANU_400_OG [0x190]	
		MDP_XRT_CTRL_MANU	1 07-F0 c1
2010/05/04	01:49:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	
		XRT_FOCUS_POSITION	4 07-F8 22 fe 97 00
2010/05/04	01:50:00.0	AOCS_ORe-point_Start_17_OG [0x0a7]	
		AOCU_NM	5 02-76 02 00 00 00 00
2010/05/04	01:50:16.0	XRT_FLD_ENA_402_OG [0x192]	
		MDP_XRT_FLD_ENA	1 07-F0 d8
2010/05/04	01:50:18.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]	
		MDP_XRT_FLRCTRL_ENA	1 07-F0 c8
2010/05/04	01:50:20.0	XRT_FLD_RESET_403_OG [0x193]	
		MDP_XRT_FLD_RESET	1 07-F0 da
2010/05/04	01:50:22.0	XRT_ARS_DIS_405_OG [0x195]	
		MDP_XRT_ARS_DIS	1 07-F0 d5
2010/05/04	01:52:56.0	XRT_QT_PROG_SET_431_OG [0x1af]	
		MDP_XRT_QT_PROG_SET	2 07-F0 c4 0c
2010/05/04	01:52:58.0	XRT_FL_PROG_SET_442_OG [0x1ba]	
		MDP_XRT_FL_PROG_SET	2 07-F0 c5 0d
2010/05/04	01:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]	
		MDP_XRT_CTRL_AUTO	1 07-F0 c0
2010/05/04	02:00:30.0	XRT_CTRL_MANU_409_OG [0x199]	
		MDP_XRT_CTRL_MANU	1 07-F0 c1
2010/05/04	02:27:00.0	XRT_Custom_410_OG [0x19a]	
2010/05/04	02:28:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	
		MDP_XRT_CTRL_AUTO	1 07-F0 c0
2010/05/04	03:35:00.0	XRT_CTRL_MANU_409_OG [0x199]	
		MDP_XRT_CTRL_MANU	1 07-F0 c1
2010/05/04	04:05:30.0	XRT_Custom_410_OG [0x19a]	
2010/05/04	04:06:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	
		MDP_XRT_CTRL_AUTO	1 07-F0 c0
2010/05/04	05:07:00.0	XRT_CTRL_MANU_409_OG [0x199]	
		MDP_XRT_CTRL_MANU	1 07-F0 c1
2010/05/04	05:44:00.0	XRT_Custom_410_OG [0x19a]	
2010/05/04	05:45:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	
		MDP_XRT_CTRL_AUTO	1 07-F0 c0
2010/05/04	05:59:54.0	XRT_CTRL_MANU_400_OG [0x190]	
		MDP_XRT_CTRL_MANU	1 07-F0 c1
2010/05/04	05:59:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]	
		XRT_FOCUS_POSITION	4 07-F8 22 ff aa 00
2010/05/04	06:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	
		AOCU_NM	5 02-76 00 00 00 00 00
2010/05/04	06:00:16.0	XRT_FLD_DIS_413_OG [0x19d]	
		MDP_XRT_FLD_DIS	1 07-F0 d9
2010/05/04	06:00:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]	
		MDP_XRT_FLRCTRL_DIS	1 07-F0 c9
2010/05/04	06:00:20.0	XRT_ARS_DIS_415_OG [0x19f]	
		MDP_XRT_ARS_DIS	1 07-F0 d5
2010/05/04	06:02:58.0	XRT_QT_PROG_SET_438_OG [0x1b6]	
		MDP_XRT_QT_PROG_SET	2 07-F0 c4 0f
2010/05/04	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	
		MDP_XRT_CTRL_AUTO	1 07-F0 c0
2010/05/04	06:06:00.0	XRT_CTRL_MANU_400_OG [0x190]	
		MDP_XRT_CTRL_MANU	1 07-F0 c1
2010/05/04	06:06:02.0	XRT_FOCUS_POSITION_412_OG [0x19c]	
		XRT_FOCUS_POSITION	4 07-F8 22 ff aa 00
2010/05/04	06:06:22.0	XRT_AEC_RESET_428_OG [0x1ac]	
		MDP_XRT_AEC_RESET	1 07-F0 d0
2010/05/04	06:06:24.0	XRT_FLD_DIS_413_OG [0x19d]	
		MDP_XRT_FLD_DIS	1 07-F0 d9
2010/05/04	06:06:26.0	XRT_FLRCTRL_DIS_414_OG [0x19e]	
		MDP_XRT_FLRCTRL_DIS	1 07-F0 c9
2010/05/04	06:06:28.0	XRT_ARS_DIS_446_OG [0x1be]	
		MDP_XRT_ARS_DIS	1 07-F0 d5
2010/05/04	06:06:30.0	XRT_QT_PROG_SET_443_OG [0x1bb]	
		MDP_XRT_QT_PROG_SET	2 07-F0 c4 0e
2010/05/04	06:06:32.0	XRT_CTRL_AUTO_408_OG [0x198]	
		MDP_XRT_CTRL_AUTO	1 07-F0 c0

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2010/05/04	06:19:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/04	06:19:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/05/04	06:20:00.0	AOCS_ORe-point_Start_17_OG [0x0a7]	AOCU_NM	5	02-76	02 00 00 00 00
2010/05/04	06:20:16.0	XRT_FLD_ENA_402_OG [0x192]	MDP_XRT_FLD_ENA	1	07-F0	d8
2010/05/04	06:20:18.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/05/04	06:20:20.0	XRT_FLD_RESET_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/05/04	06:20:22.0	XRT_ARS_DIS_405_OG [0x195]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/05/04	06:22:56.0	XRT_QT_PROG_SET_431_OG [0x1af]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2010/05/04	06:22:58.0	XRT_FL_PROG_SET_442_OG [0x1ba]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2010/05/04	06:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/04	06:47:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/04	07:22:30.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/04	07:23:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c1
2010/05/04	07:59:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/04	07:59:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/05/04	08:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	03 00 00 00 00
2010/05/04	08:00:16.0	XRT_AEC_RESET_428_OG [0x1ac]	MDP_XRT_AEC_RESET	1	07-F0	d0
2010/05/04	08:00:18.0	XRT_FLD_ENA_402_OG [0x192]	MDP_XRT_FLD_ENA	1	07-F0	d8
2010/05/04	08:00:20.0	XRT_FLD_RESET_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/05/04	08:00:22.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/05/04	08:00:24.0	XRT_ARS_DIS_405_OG [0x195]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/05/04	08:02:58.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2010/05/04	08:03:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2010/05/04	08:03:02.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/04	08:27:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/04	09:01:00.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/04	09:02:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c1
2010/05/04	10:08:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/04	10:39:30.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/04	10:40:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c1
2010/05/04	11:28:40.5	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/04	11:29:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/04	11:29:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/05/04	11:30:00.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 ac cd
2010/05/04	11:30:16.0	XRT_FLD_ENA_402_OG [0x192]	MDP_XRT_FLD_ENA	1	07-F0	d8
2010/05/04	11:30:18.0	XRT_FLD_RESET_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/05/04	11:30:20.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/05/04	11:30:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/05/04	11:32:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2010/05/04	11:33:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2010/05/04	11:33:02.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/04	11:55:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/04	12:17:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/04	12:17:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/05/04	12:18:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00 00 00 d6 67
2010/05/04	12:18:16.0	XRT_FLD_ENA_402_OG [0x192]	MDP_XRT_FLD_ENA	1	07-F0	d8
2010/05/04	12:18:18.0	XRT_FLD_RESET_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/05/04	12:18:20.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8

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2010/05/04	12:18:22.0	XRT_ARS_DIS_423_0G [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2010/05/04	12:20:58.0	XRT_QT_PROG_SET_421_0G [0x1a5]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 12
2010/05/04	12:21:00.0	XRT_FL_PROG_SET_442_0G [0x1ba]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0d
2010/05/04	12:21:02.0	XRT_CTRL_AUTO_408_0G [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2010/05/04	12:33:54.0	XRT_CTRL_MANU_400_0G [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2010/05/04	12:33:56.0	XRT_FOCUS_POSITION_401_0G [0x191]		
		XRT_FOCUS_POSITION	4	07-F8 22 fe 97 00
2010/05/04	12:34:00.0	AOCS_0Re-point_Start_2_0G [0x098]		
		AOCU_NM	5	02-76 00 00 00 00 00
2010/05/04	12:34:16.0	XRT_FLD_ENA_402_0G [0x192]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2010/05/04	12:34:18.0	XRT_FLD_RESET_403_0G [0x193]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2010/05/04	12:34:20.0	XRT_FLRCTRL_ENA_418_0G [0x1a2]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2010/05/04	12:34:22.0	XRT_ARS_DIS_423_0G [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2010/05/04	12:36:58.0	XRT_QT_PROG_SET_421_0G [0x1a5]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 12
2010/05/04	12:37:00.0	XRT_FL_PROG_SET_442_0G [0x1ba]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0d
2010/05/04	12:37:02.0	XRT_CTRL_AUTO_408_0G [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2010/05/04	12:49:54.0	XRT_CTRL_MANU_400_0G [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2010/05/04	12:49:56.0	XRT_FOCUS_POSITION_401_0G [0x191]		
		XRT_FOCUS_POSITION	4	07-F8 22 fe 97 00
2010/05/04	12:50:00.0	AOCS_0Re-point_Start_5_0G [0x09b]		
		AOCU_NM	5	02-76 00 00 00 29 99
2010/05/04	12:50:16.0	XRT_FLD_ENA_402_0G [0x192]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2010/05/04	12:50:18.0	XRT_FLD_RESET_403_0G [0x193]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2010/05/04	12:50:20.0	XRT_FLRCTRL_ENA_418_0G [0x1a2]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2010/05/04	12:50:22.0	XRT_ARS_DIS_423_0G [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2010/05/04	12:52:58.0	XRT_QT_PROG_SET_421_0G [0x1a5]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 12
2010/05/04	12:53:00.0	XRT_FL_PROG_SET_442_0G [0x1ba]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0d
2010/05/04	12:53:02.0	XRT_CTRL_AUTO_408_0G [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2010/05/04	13:05:54.0	XRT_CTRL_MANU_400_0G [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2010/05/04	13:05:56.0	XRT_FOCUS_POSITION_401_0G [0x191]		
		XRT_FOCUS_POSITION	4	07-F8 22 fe 97 00
2010/05/04	13:06:00.0	AOCS_0Re-point_Start_6_0G [0x09c]		
		AOCU_NM	5	02-76 00 00 00 53 33
2010/05/04	13:06:16.0	XRT_FLD_ENA_402_0G [0x192]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2010/05/04	13:06:18.0	XRT_FLD_RESET_403_0G [0x193]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2010/05/04	13:06:20.0	XRT_FLRCTRL_ENA_418_0G [0x1a2]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2010/05/04	13:06:22.0	XRT_ARS_DIS_423_0G [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2010/05/04	13:08:58.0	XRT_QT_PROG_SET_421_0G [0x1a5]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 12
2010/05/04	13:09:00.0	XRT_FL_PROG_SET_442_0G [0x1ba]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0d
2010/05/04	13:09:02.0	XRT_CTRL_AUTO_408_0G [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2010/05/04	13:21:54.0	XRT_CTRL_MANU_400_0G [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2010/05/04	13:21:56.0	XRT_FOCUS_POSITION_401_0G [0x191]		
		XRT_FOCUS_POSITION	4	07-F8 22 fe 97 00
2010/05/04	13:22:00.0	AOCS_0Re-point_Start_7_0G [0x09d]		
		AOCU_NM	5	02-76 00 d6 36 b7 8e
2010/05/04	13:22:16.0	XRT_FLD_ENA_402_0G [0x192]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2010/05/04	13:22:18.0	XRT_FLD_RESET_403_0G [0x193]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2010/05/04	13:22:20.0	XRT_FLRCTRL_ENA_418_0G [0x1a2]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2010/05/04	13:22:22.0	XRT_ARS_DIS_423_0G [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2010/05/04	13:24:58.0	XRT_QT_PROG_SET_421_0G [0x1a5]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 12
2010/05/04	13:25:00.0	XRT_FL_PROG_SET_442_0G [0x1ba]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0d
2010/05/04	13:25:02.0	XRT_CTRL_AUTO_408_0G [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2010/05/04	13:33:30.0	XRT_CTRL_MANU_409_0G [0x199]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2010/05/04	13:55:54.0	XRT_CTRL_MANU_400_0G [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2010/05/04	13:55:56.0	XRT_FOCUS_POSITION_401_0G [0x191]		

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2010/05/04	13:56:00.0	AOCS_ORe-point_Start_8_OG [0x09e]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
		AOCU_NM		5	02-76	00	b4	b5	db 75
2010/05/04	13:56:16.0	XRT_FLD_ENA_402_OG [0x192]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2010/05/04	13:56:18.0	XRT_FLD_RESET_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da			
2010/05/04	13:56:20.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2010/05/04	13:56:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2010/05/04	13:58:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	12		
2010/05/04	13:59:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2010/05/04	13:59:02.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/05/04	14:11:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/05/04	14:11:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2010/05/04	14:12:00.0	AOCS_ORe-point_Start_9_OG [0x09f]	AOCU_NM	5	02-76	00	ac	5b	00 00
2010/05/04	14:12:16.0	XRT_FLD_ENA_402_OG [0x192]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2010/05/04	14:12:18.0	XRT_FLD_RESET_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da			
2010/05/04	14:12:20.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2010/05/04	14:12:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2010/05/04	14:14:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	12		
2010/05/04	14:15:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2010/05/04	14:15:02.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/05/04	14:27:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/05/04	14:27:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2010/05/04	14:28:00.0	AOCS_ORe-point_Start_10_OG [0x0a0]	AOCU_NM	5	02-76	00	b4	b5	24 8b
2010/05/04	14:28:16.0	XRT_FLD_ENA_402_OG [0x192]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2010/05/04	14:28:18.0	XRT_FLD_RESET_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da			
2010/05/04	14:28:20.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2010/05/04	14:28:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2010/05/04	14:30:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	12		
2010/05/04	14:31:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2010/05/04	14:31:02.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/05/04	14:43:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/05/04	14:43:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2010/05/04	14:44:00.0	AOCS_ORe-point_Start_11_OG [0x0a1]	AOCU_NM	5	02-76	00	d6	36	48 72
2010/05/04	14:44:16.0	XRT_FLD_ENA_402_OG [0x192]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2010/05/04	14:44:18.0	XRT_FLD_RESET_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da			
2010/05/04	14:44:20.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2010/05/04	14:44:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2010/05/04	14:46:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	12		
2010/05/04	14:47:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2010/05/04	14:47:02.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/05/04	14:53:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/05/04	14:53:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2010/05/04	14:54:00.0	AOCS_ORe-point_Start_12_OG [0x0a2]	AOCU_NM	5	02-76	00	29	ca	b7 8e
2010/05/04	14:54:16.0	XRT_FLD_ENA_402_OG [0x192]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2010/05/04	14:54:18.0	XRT_FLD_RESET_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da			
2010/05/04	14:54:20.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2010/05/04	14:54:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2010/05/04	14:56:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	12		

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2010/05/04	14:57:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]			
		MDP_XRT_FL_PROG_SET	2	07-F0 c5	0d
2010/05/04	14:57:02.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2010/05/04	15:12:00.0	XRT_CTRL_MANU_409_OG [0x199]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2010/05/04	16:00:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2010/05/04	16:00:56.0	XRT_FOCUS_POSITION_401_OG [0x191]			
		XRT_FOCUS_POSITION	4	07-F8 22 fe	97 00
2010/05/04	16:01:00.0	AOCS_ORe-point_Start_13_OG [0x0a3]			
		AOCU_NM	5	02-76 00 4b 4b	db 75
2010/05/04	16:01:16.0	XRT_FLD_ENA_402_OG [0x192]			
		MDP_XRT_FLD_ENA	1	07-F0 d8	
2010/05/04	16:01:18.0	XRT_FLD_RESET_403_OG [0x193]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2010/05/04	16:01:20.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8	
2010/05/04	16:01:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0 d5	
2010/05/04	16:03:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]			
		MDP_XRT_QT_PROG_SET	2	07-F0 c4	12
2010/05/04	16:04:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]			
		MDP_XRT_FL_PROG_SET	2	07-F0 c5	0d
2010/05/04	16:04:02.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2010/05/04	16:16:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2010/05/04	16:16:56.0	XRT_FOCUS_POSITION_401_OG [0x191]			
		XRT_FOCUS_POSITION	4	07-F8 22 fe	97 00
2010/05/04	16:17:00.0	AOCS_ORe-point_Start_14_OG [0x0a4]			
		AOCU_NM	5	02-76 00 53 a5	00 00
2010/05/04	16:17:16.0	XRT_FLD_ENA_402_OG [0x192]			
		MDP_XRT_FLD_ENA	1	07-F0 d8	
2010/05/04	16:17:18.0	XRT_FLD_RESET_403_OG [0x193]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2010/05/04	16:17:20.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8	
2010/05/04	16:17:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0 d5	
2010/05/04	16:19:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]			
		MDP_XRT_QT_PROG_SET	2	07-F0 c4	12
2010/05/04	16:20:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]			
		MDP_XRT_FL_PROG_SET	2	07-F0 c5	0d
2010/05/04	16:20:02.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2010/05/04	16:32:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2010/05/04	16:32:56.0	XRT_FOCUS_POSITION_401_OG [0x191]			
		XRT_FOCUS_POSITION	4	07-F8 22 fe	97 00
2010/05/04	16:33:00.0	AOCS_ORe-point_Start_15_OG [0x0a5]			
		AOCU_NM	5	02-76 00 4b 4b	24 8b
2010/05/04	16:33:16.0	XRT_FLD_ENA_402_OG [0x192]			
		MDP_XRT_FLD_ENA	1	07-F0 d8	
2010/05/04	16:33:18.0	XRT_FLD_RESET_403_OG [0x193]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2010/05/04	16:33:20.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8	
2010/05/04	16:33:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0 d5	
2010/05/04	16:35:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]			
		MDP_XRT_QT_PROG_SET	2	07-F0 c4	12
2010/05/04	16:36:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]			
		MDP_XRT_FL_PROG_SET	2	07-F0 c5	0d
2010/05/04	16:36:02.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2010/05/04	16:50:30.0	XRT_CTRL_MANU_409_OG [0x199]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2010/05/04	17:36:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2010/05/04	17:36:56.0	XRT_FOCUS_POSITION_401_OG [0x191]			
		XRT_FOCUS_POSITION	4	07-F8 22 fe	97 00
2010/05/04	17:37:00.0	AOCS_ORe-point_Start_16_OG [0x0a6]			
		AOCU_NM	5	02-76 00 29 db	48 72
2010/05/04	17:37:16.0	XRT_FLD_ENA_402_OG [0x192]			
		MDP_XRT_FLD_ENA	1	07-F0 d8	
2010/05/04	17:37:18.0	XRT_FLD_RESET_403_OG [0x193]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2010/05/04	17:37:20.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8	
2010/05/04	17:37:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0 d5	
2010/05/04	17:39:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]			
		MDP_XRT_QT_PROG_SET	2	07-F0 c4	12
2010/05/04	17:40:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]			
		MDP_XRT_FL_PROG_SET	2	07-F0 c5	0d
2010/05/04	17:40:02.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2010/05/04	17:49:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2010/05/04	17:49:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]			
		XRT_FOCUS_POSITION	4	07-F8 22 ff	aa 00
2010/05/04	17:50:00.0	AOCS_ORe-point_Start_2_OG [0x098]			

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2010/05/04	17:50:16.0	XRT_FLD_DIS_413_OG [0x19d]	5	02-76 00 00 00 00 00
		MDP_XRT_FLD_DIS	1	07-F0 d9
2010/05/04	17:50:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]	1	07-F0 c9
		MDP_XRT_FLRCTRL_DIS	1	07-F0 c9
2010/05/04	17:50:20.0	XRT_ARS_DIS_415_OG [0x19f]	1	07-F0 d5
		MDP_XRT_ARS_DIS	1	07-F0 d5
2010/05/04	17:52:58.0	XRT_QT_PROG_SET_438_OG [0x1b6]	2	07-F0 c4 0f
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 0f
2010/05/04	17:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0 c0
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2010/05/04	17:56:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2010/05/04	17:56:02.0	XRT_FOCUS_POSITION_412_OG [0x19c]	4	07-F8 22 ff aa 00
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2010/05/04	17:56:22.0	XRT_AEC_RESET_428_OG [0x1ac]	1	07-F0 d0
		MDP_XRT_AEC_RESET	1	07-F0 d0
2010/05/04	17:56:24.0	XRT_FLD_DIS_413_OG [0x19d]	1	07-F0 d9
		MDP_XRT_FLD_DIS	1	07-F0 d9
2010/05/04	17:56:26.0	XRT_FLRCTRL_DIS_414_OG [0x19e]	1	07-F0 c9
		MDP_XRT_FLRCTRL_DIS	1	07-F0 c9
2010/05/04	17:56:28.0	XRT_ARS_DIS_446_OG [0x1be]	1	07-F0 d5
		MDP_XRT_ARS_DIS	1	07-F0 d5
2010/05/04	17:56:30.0	XRT_QT_PROG_SET_443_OG [0x1bb]	2	07-F0 c4 0e
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 0e
2010/05/04	17:56:32.0	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0 c0
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2010/05/04	18:15:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2010/05/04	19:14:00.0	AOCS_ORe-point_Start_3_OG [0x099]	5	02-76 00 00 00 ac cd
		AOCU_NM	5	02-76 00 00 00 ac cd
2010/05/04	19:30:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	5	02-76 00 00 00 d6 67
		AOCU_NM	5	02-76 00 00 00 d6 67
2010/05/04	19:46:00.0	AOCS_ORe-point_Start_2_OG [0x098]	5	02-76 00 00 00 00 00
		AOCU_NM	5	02-76 00 00 00 00 00
2010/05/04	20:52:00.0	AOCS_ORe-point_Start_5_OG [0x09b]	5	02-76 00 00 00 29 99
		AOCU_NM	5	02-76 00 00 00 29 99
2010/05/04	21:08:00.0	AOCS_ORe-point_Start_6_OG [0x09c]	5	02-76 00 00 00 53 33
		AOCU_NM	5	02-76 00 00 00 53 33
2010/05/04	21:24:00.0	AOCS_ORe-point_Start_7_OG [0x09d]	5	02-76 00 d6 36 b7 8e
		AOCU_NM	5	02-76 00 d6 36 b7 8e
2010/05/04	22:28:00.0	AOCS_ORe-point_Start_8_OG [0x09e]	5	02-76 00 b4 b5 db 75
		AOCU_NM	5	02-76 00 b4 b5 db 75
2010/05/04	22:44:00.0	AOCS_ORe-point_Start_9_OG [0x09f]	5	02-76 00 ac 5b 00 00
		AOCU_NM	5	02-76 00 ac 5b 00 00
2010/05/04	23:00:00.0	AOCS_ORe-point_Start_10_OG [0x0a0]	5	02-76 00 b4 b5 24 8b
		AOCU_NM	5	02-76 00 b4 b5 24 8b
2010/05/04	23:56:00.0	AOCS_ORe-point_Start_11_OG [0x0a1]	5	02-76 00 d6 36 48 72
		AOCU_NM	5	02-76 00 d6 36 48 72
2010/05/05	00:06:00.0	AOCS_ORe-point_Start_12_OG [0x0a2]	5	02-76 00 29 ca b7 8e
		AOCU_NM	5	02-76 00 29 ca b7 8e
2010/05/05	00:16:00.0	AOCS_ORe-point_Start_13_OG [0x0a3]	5	02-76 00 4b 4b db 75
		AOCU_NM	5	02-76 00 4b 4b db 75
2010/05/05	00:32:00.0	AOCS_ORe-point_Start_14_OG [0x0a4]	5	02-76 00 53 a5 00 00
		AOCU_NM	5	02-76 00 53 a5 00 00
2010/05/05	01:26:00.0	AOCS_ORe-point_Start_15_OG [0x0a5]	5	02-76 00 4b 4b 24 8b
		AOCU_NM	5	02-76 00 4b 4b 24 8b
2010/05/05	01:42:00.0	AOCS_ORe-point_Start_16_OG [0x0a6]	5	02-76 00 29 db 48 72
		AOCU_NM	5	02-76 00 29 db 48 72
2010/05/05	01:59:54.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2010/05/05	01:59:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	4	07-F8 22 fe 97 00
		XRT_FOCUS_POSITION	4	07-F8 22 fe 97 00
2010/05/05	02:00:00.0	AOCS_ORe-point_Start_17_OG [0x0a7]	5	02-76 02 00 00 00 00
		AOCU_NM	5	02-76 02 00 00 00 00
2010/05/05	02:00:16.0	XRT_FLD_ENA_402_OG [0x192]	1	07-F0 d8
		MDP_XRT_FLD_ENA	1	07-F0 d8
2010/05/05	02:00:18.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]	1	07-F0 c8
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2010/05/05	02:00:20.0	XRT_FLD_RESET_403_OG [0x193]	1	07-F0 da
		MDP_XRT_FLD_RESET	1	07-F0 da
2010/05/05	02:00:22.0	XRT_ARS_DIS_405_OG [0x195]	1	07-F0 d5
		MDP_XRT_ARS_DIS	1	07-F0 d5
2010/05/05	02:02:56.0	XRT_QT_PROG_SET_431_OG [0x1af]	2	07-F0 c4 0c
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 0c
2010/05/05	02:02:58.0	XRT_FL_PROG_SET_442_OG [0x1ba]	2	07-F0 c5 0d
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0d
2010/05/05	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0 c0
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2010/05/05	02:36:00.0	XRT_CTRL_MANU_409_OG [0x199]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2010/05/05	03:04:30.0	XRT_Custom_410_OG [0x19a]	1	07-F0 c0
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2010/05/05	03:05:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	1	07-F0 c0
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2010/05/05	04:04:30.0	XRT_CTRL_MANU_409_OG [0x199]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2010/05/05	04:43:00.0	XRT_Custom_410_OG [0x19a]	1	07-F0 c0
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2010/05/05	04:44:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	1	07-F0 c0
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2010/05/05	05:45:00.0	XRT_CTRL_MANU_409_OG [0x199]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2010/05/05	06:21:24.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1

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2010/05/05	06:21:26.0	XRT_FOCUS_POSITION_412_OG [0x19c]	
		XRT_FOCUS_POSITION	4 07-F8 22 ff aa 00
2010/05/05	06:21:30.0	AOCS_ORe-point_Start_2_OG [0x098]	
		AOCU_NM	5 02-76 00 00 00 00 00
2010/05/05	06:21:46.0	XRT_FLD_DIS_413_OG [0x19d]	
		MDP_XRT_FLD_DIS	1 07-F0 d9
2010/05/05	06:21:48.0	XRT_FLRCTRL_DIS_414_OG [0x19e]	
		MDP_XRT_FLRCTRL_DIS	1 07-F0 c9
2010/05/05	06:21:50.0	XRT_ARS_DIS_415_OG [0x19f]	
		MDP_XRT_ARS_DIS	1 07-F0 d5
2010/05/05	06:24:28.0	XRT_QT_PROG_SET_438_OG [0x1b6]	
		MDP_XRT_QT_PROG_SET	2 07-F0 c4 0f
2010/05/05	06:24:30.0	XRT_CTRL_AUTO_408_OG [0x198]	
		MDP_XRT_CTRL_AUTO	1 07-F0 c0
2010/05/05	06:27:30.0	XRT_CTRL_MANU_400_OG [0x190]	
		MDP_XRT_CTRL_MANU	1 07-F0 c1
2010/05/05	06:27:32.0	XRT_FOCUS_POSITION_412_OG [0x19c]	
		XRT_FOCUS_POSITION	4 07-F8 22 ff aa 00
2010/05/05	06:27:52.0	XRT_AEC_RESET_428_OG [0x1ac]	
		MDP_XRT_AEC_RESET	1 07-F0 d0
2010/05/05	06:27:54.0	XRT_FLD_DIS_413_OG [0x19d]	
		MDP_XRT_FLD_DIS	1 07-F0 d9
2010/05/05	06:27:56.0	XRT_FLRCTRL_DIS_414_OG [0x19e]	
		MDP_XRT_FLRCTRL_DIS	1 07-F0 c9
2010/05/05	06:27:58.0	XRT_ARS_DIS_446_OG [0x1be]	
		MDP_XRT_ARS_DIS	1 07-F0 d5
2010/05/05	06:28:00.0	XRT_QT_PROG_SET_443_OG [0x1bb]	
		MDP_XRT_QT_PROG_SET	2 07-F0 c4 0e
2010/05/05	06:28:02.0	XRT_CTRL_AUTO_408_OG [0x198]	
		MDP_XRT_CTRL_AUTO	1 07-F0 c0
2010/05/05	06:41:24.0	XRT_CTRL_MANU_400_OG [0x190]	
		MDP_XRT_CTRL_MANU	1 07-F0 c1
2010/05/05	06:41:26.0	XRT_FOCUS_POSITION_401_OG [0x191]	
		XRT_FOCUS_POSITION	4 07-F8 22 fe 97 00
2010/05/05	06:41:30.0	AOCS_ORe-point_Start_1_OG [0x097]	
		AOCU_NM	5 02-76 03 00 00 00 00
2010/05/05	06:41:46.0	XRT_AEC_RESET_428_OG [0x1ac]	
		MDP_XRT_AEC_RESET	1 07-F0 d0
2010/05/05	06:41:48.0	XRT_FLD_ENA_402_OG [0x192]	
		MDP_XRT_FLD_ENA	1 07-F0 d8
2010/05/05	06:41:50.0	XRT_FLD_RESET_403_OG [0x193]	
		MDP_XRT_FLD_RESET	1 07-F0 da
2010/05/05	06:41:52.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]	
		MDP_XRT_FLRCTRL_ENA	1 07-F0 c8
2010/05/05	06:41:54.0	XRT_ARS_DIS_405_OG [0x195]	
		MDP_XRT_ARS_DIS	1 07-F0 d5
2010/05/05	06:44:28.0	XRT_QT_PROG_SET_432_OG [0x1b0]	
		MDP_XRT_QT_PROG_SET	2 07-F0 c4 04
2010/05/05	06:44:30.0	XRT_FL_PROG_SET_442_OG [0x1ba]	
		MDP_XRT_FL_PROG_SET	2 07-F0 c5 0d
2010/05/05	06:44:32.0	XRT_CTRL_AUTO_408_OG [0x198]	
		MDP_XRT_CTRL_AUTO	1 07-F0 c0
2010/05/05	07:25:30.0	XRT_CTRL_MANU_409_OG [0x199]	
		MDP_XRT_CTRL_MANU	1 07-F0 c1
2010/05/05	08:00:00.0	XRT_Custom_410_OG [0x19a]	
2010/05/05	08:01:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	
		MDP_XRT_CTRL_AUTO	1 07-F0 c0
2010/05/05	08:30:10.0	XRT_CTRL_MANU_400_OG [0x190]	
		MDP_XRT_CTRL_MANU	1 07-F0 c1
2010/05/05	09:41:00.0	AOCS_ORe-point_Start_2_OG [0x098]	
		AOCU_NM	5 02-76 00 00 00 00 00