

XRT Timeline to be uploaded on 2008/10/23

Period: 2008/10/23 09:59:00 - 2008/10/28 10:41:00

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Normal mode

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XOB #15E6: Polar Monitoring -Al/Mesh + Ti/Poly Q95 1024x512 2x2												
Term	Pointing (x, y)						Comment					
10/23 10:11:00 - 10/23 18:05:24	Fixed (0.0, 832.0)						# OP start + 10min, EIS focus test, obs of N pole.					
10/23 18:17:30 - 10/24 01:59:54	Fixed (0.0, 832.0)						# Cont.					
PROG= 10 1-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 82 30-time(s) 60.0sec												
└─ Open/Al-mesh Open/Al-mesh close Safe Norm 4.00s Obs 2x2 1024x512 (1024, 1024) Q=95 0 0 2.0sec												
└─ Open/Ti-poly Open/thick-Al close Safe Norm 11.3s Obs 2x2 1024x512 (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 #15D6: Synoptic Q95 2x2 - Al/poly(362/5795) + Dark cal(512 Q98) + Ti-poly(512/11571) + G-band(16)												
Term	Pointing (x, y)						Comment					
10/23 18:07:30 - 10/23 18:15:24	Fixed (0.0, 0.0)						synoptic, shifted 5.5 min					
10/24 17:41:30 - 10/24 17:49:24	Fixed (0.0, 0.0)						synoptic, shifted -20.5 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 #15E5: G-Band Q90 2x2 FFI for Co-align. data and Al/Poly - C/Poly												
Term	Pointing (x, y)						Comment					
10/24 02:02:00 - 10/24 02:29:54	Fixed (-911.0, -228.0)						* HOP 79, irradiance scan, E-W, 11 pointings.					
10/24 02:32:00 - 10/24 02:54:30	Fixed (-721.0, -304.0)											
10/24 03:16:00 - 10/24 03:29:54	Fixed (-537.0, -320.0)											
10/24 03:32:00 - 10/24 03:59:54	Fixed (-349.0, -330.0)											
10/24 04:02:00 - 10/24 04:23:00	Fixed (-158.0, -335.0)											
10/24 04:53:30 - 10/24 04:59:54	Fixed (37.0, -336.0)											
10/24 05:02:00 - 10/24 05:36:24	Fixed (158.0, -335.0)											
10/24 05:48:30 - 10/24 06:03:30	Fixed (349.0, -330.0)						# HOP 79, cont.					
10/24 06:32:00 - 10/24 06:59:54	Fixed (537.0, -320.0)											
10/24 07:02:00 - 10/24 07:29:54	Fixed (721.0, -304.0)											
10/24 07:32:00 - 10/24 07:44:00	Fixed (911.0, -228.0)						* HOP 79, irradiance scan, end.					
PROG= 05 1-time(s)												
└─ Subr= 1 1-time(s) 120.0sec												
└─ Seqn= 54 1-time(s) 2.0sec												
└─ Open/G-band Open/G-band open Safe Norm 16ms Obs 2x2 2048x2048 (1024, 1024) Q=90 0 0 2.0sec												
└─ Subr= 2 1-time(s) 2.0sec												
└─ Seqn= 5 99-time(s) 120.0sec												
└─ Al-poly/Open Al-poly/Open close Safe Norm 5.66s Obs 1x1 384x384 (1024, 1024) Q=90 0 0 2.0sec												
└─ C-poly/Open C-poly/Open close Safe Norm 5.66s Obs 1x1 384x384 (1024, 1024) Q=90 0 0 2.0sec												
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

XOB #15E4: Synoptic Q95 2x2 - Al/mesh(256/4096) + Dark cal(362 Q98) + Ti-poly(512/11571) + G-band(16)												
Term	Pointing (x, y)						Comment					
10/24 05:38:30 - 10/24 05:46:24	Fixed (0.0, 0.0)						synoptic, shifted -23.5 min					
10/25 06:00:00 - 10/25 06:07:54	Fixed (0.0, 0.0)						synoptic, shifted -2.0 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 #15E7: HOP81 - Al/poly, G-band - 16s - 384x384

Term	Pointing (x, y)	Comment
10/24 08:08:30 - 10/24 17:39:24	Fixed (0.0, 900.0)	* HOP 81, polar monitoring campaign.
PROG= 02 Inf.-time(s)		
Subr= 1	1-time(s) 2.0sec	
└─ Seqn= 1	1-time(s) 2.0sec	
└─ Open/G-band	Open/G-band open Safe Norm 63ms Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec	
Subr= 2	1-time(s) 2.0sec	
└─ Seqn= 94	30-time(s) 60.0sec	
└─ Al-poly/Open	Al-poly/Open close Safe Norm 16.0s Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec	
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin	ROI: size (center) Comp. AEC Buffer Interval

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Flare mode

NOT USED

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Active Region Search

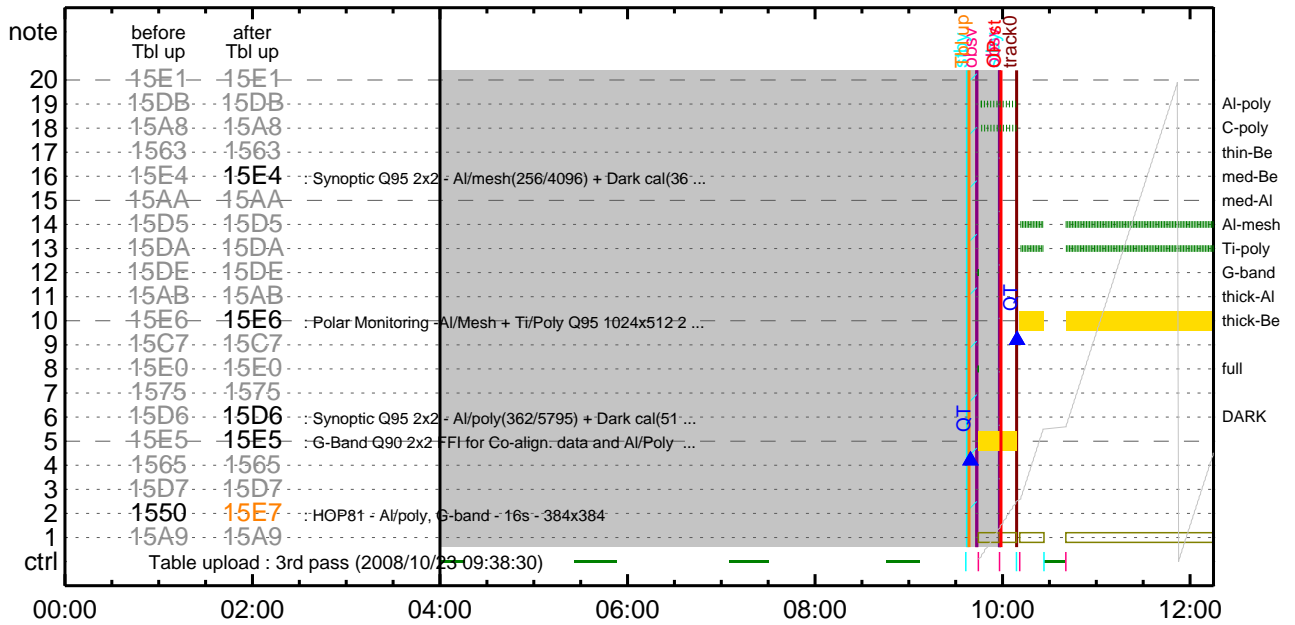
NOT USED

* * * * *

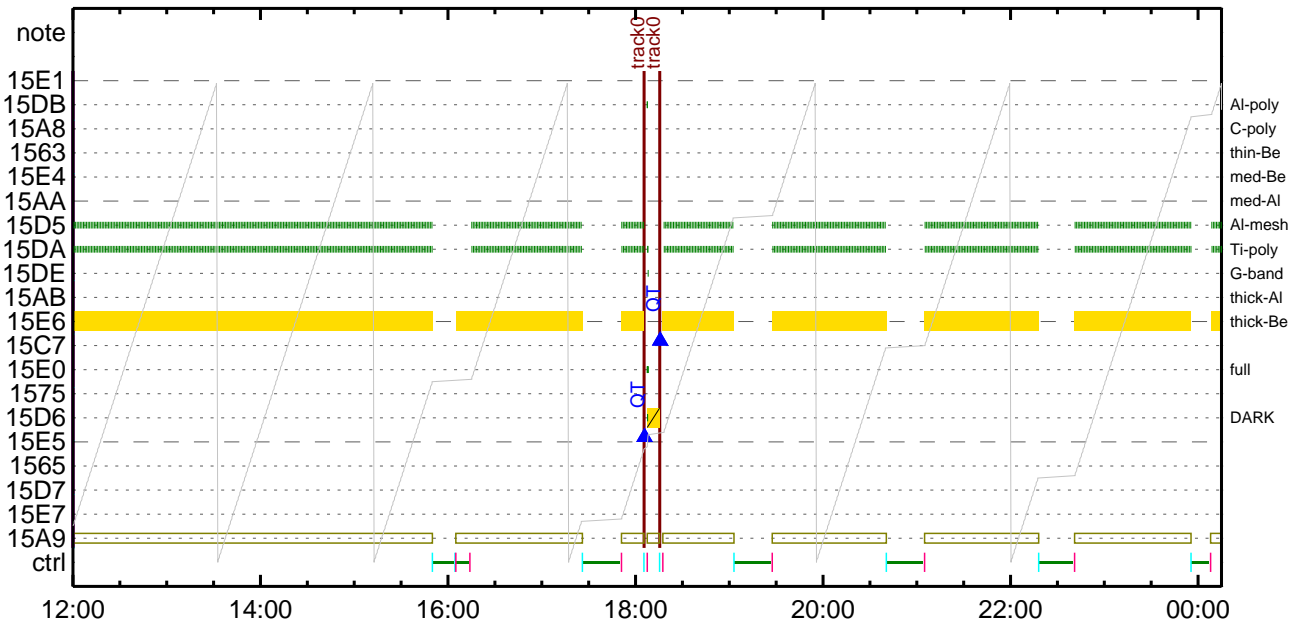
Flare Detection

NOT USED

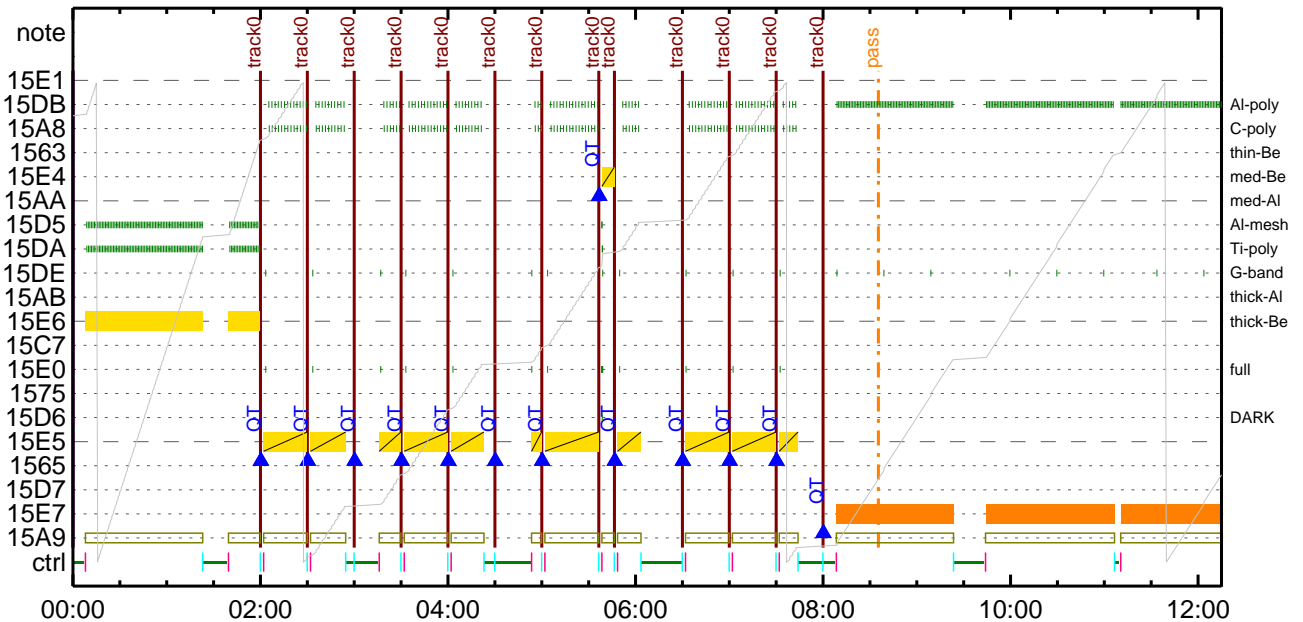
CMDI #0207 2008/10/23



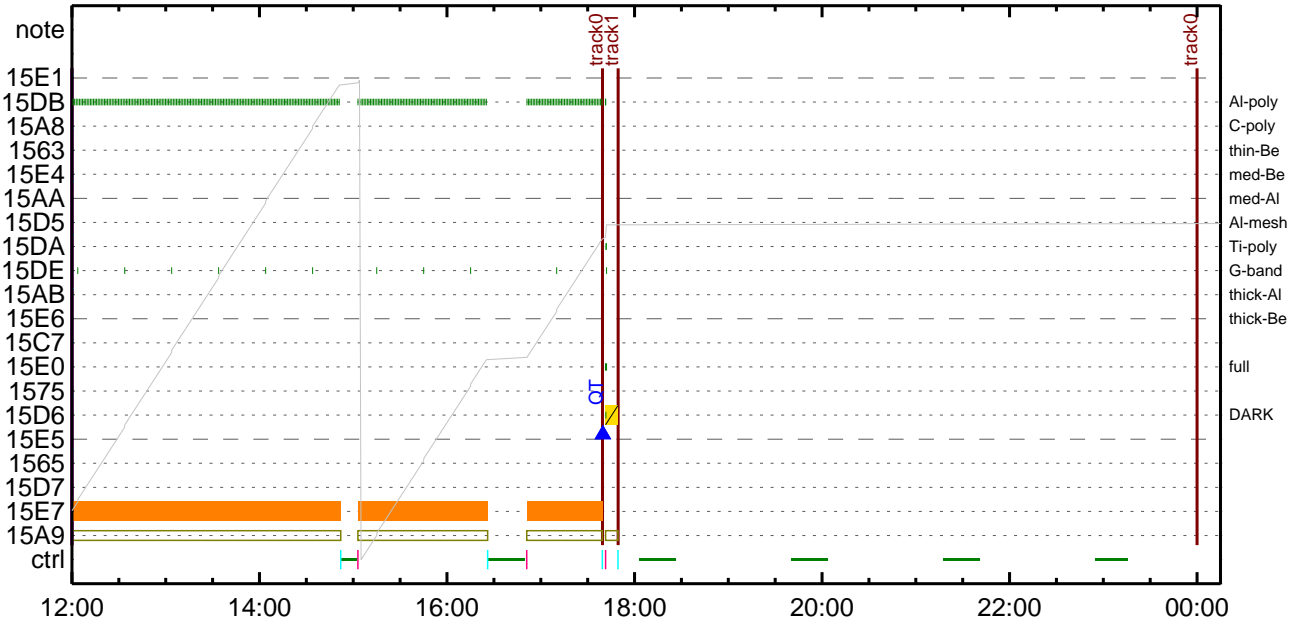
CMDI #0207 2008/10/23



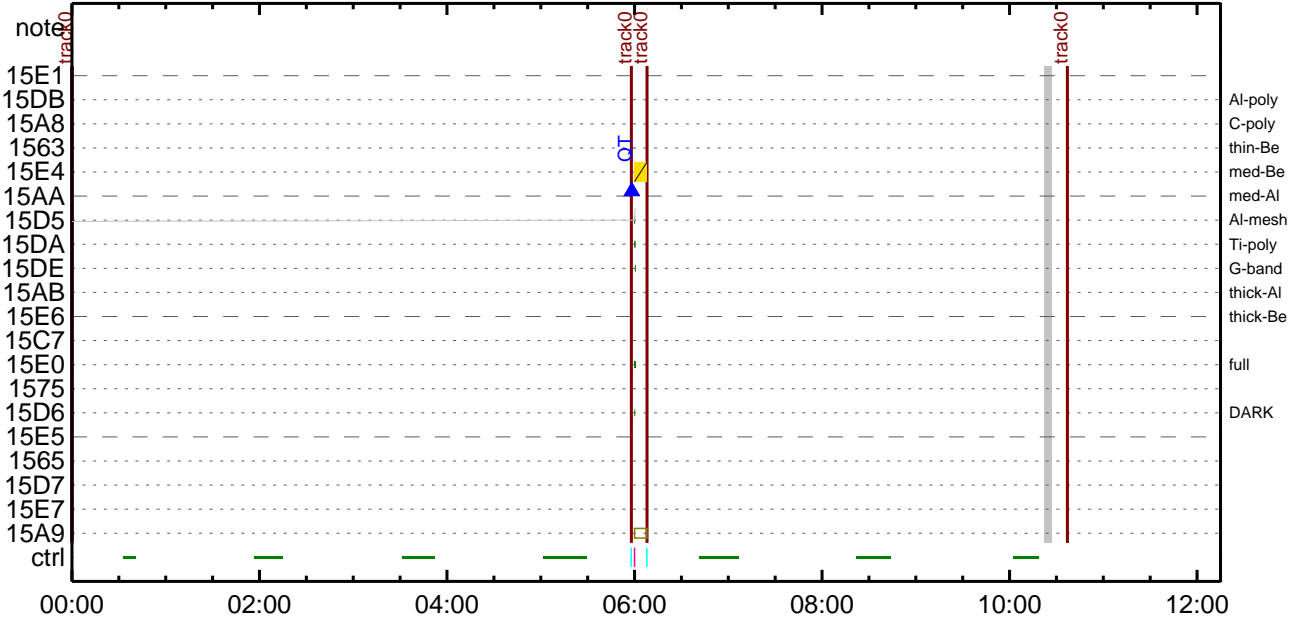
CMDI #0207 2008/10/24



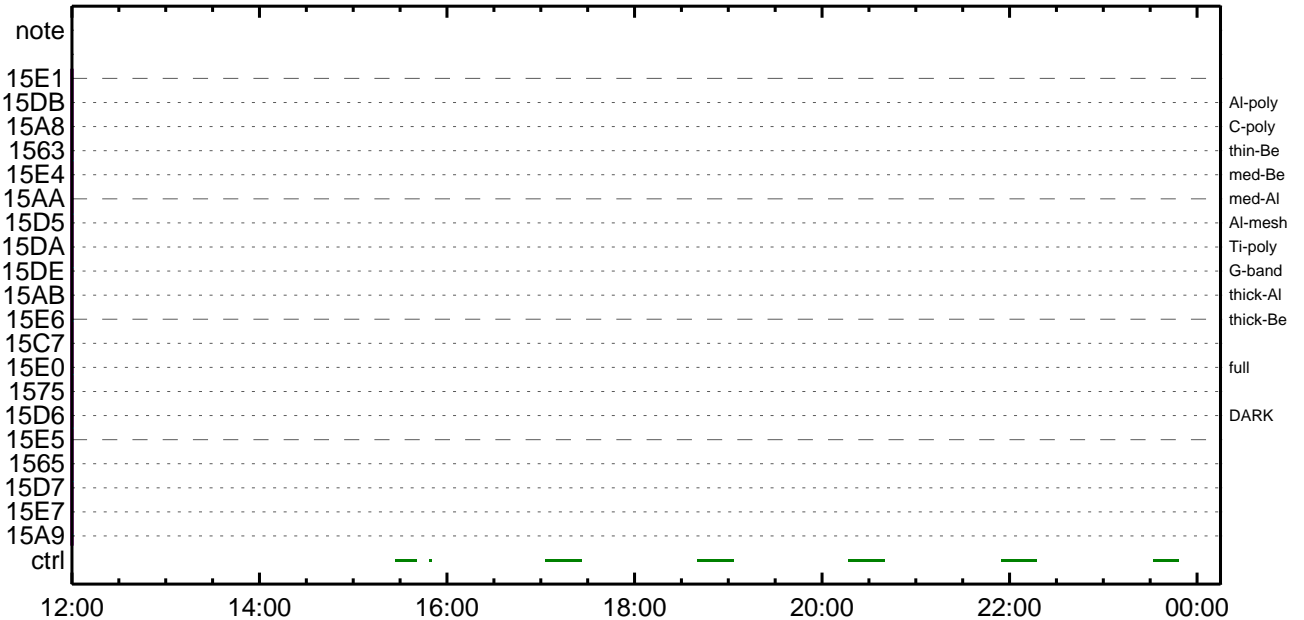
CMDI #0207 2008/10/24



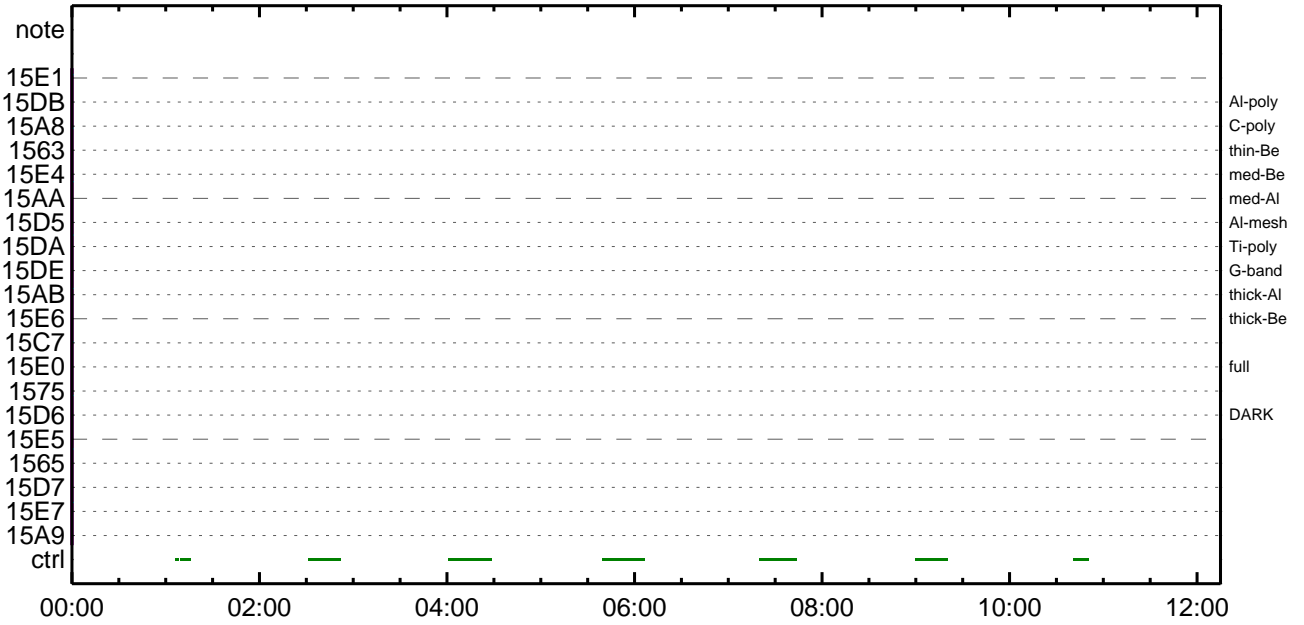
CMDI #0207 2008/10/25



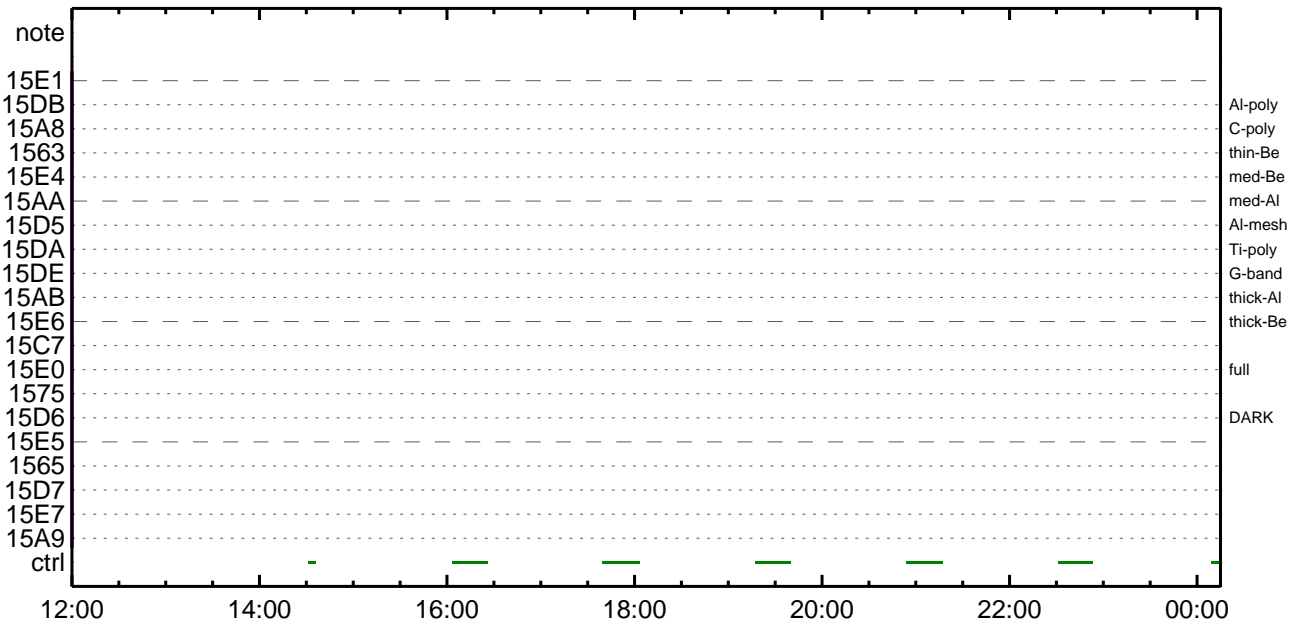
CMDI #0207 2008/10/25



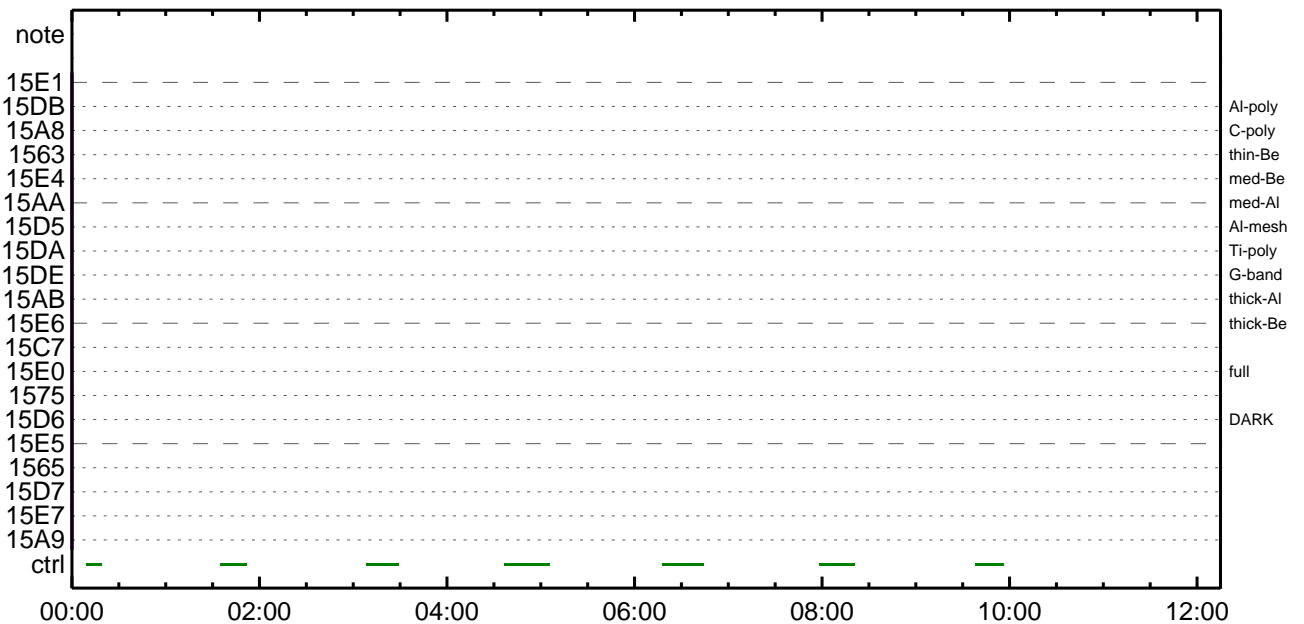
CMDI #0207 2008/10/26



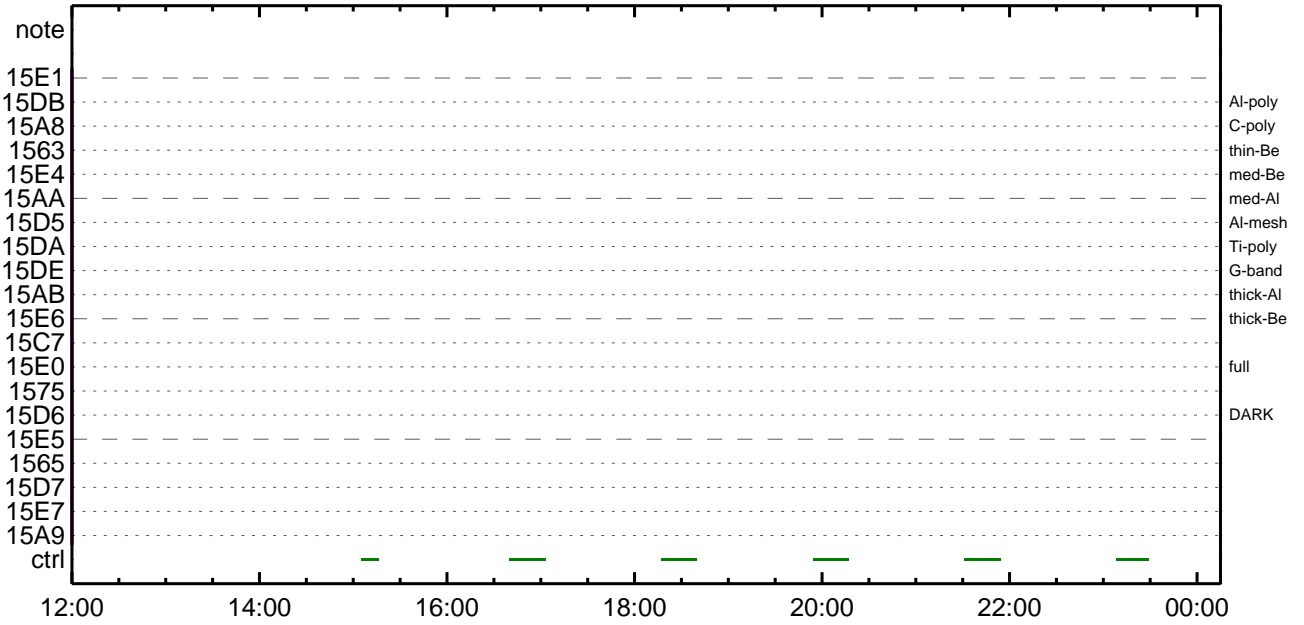
CMDI #0207 2008/10/26



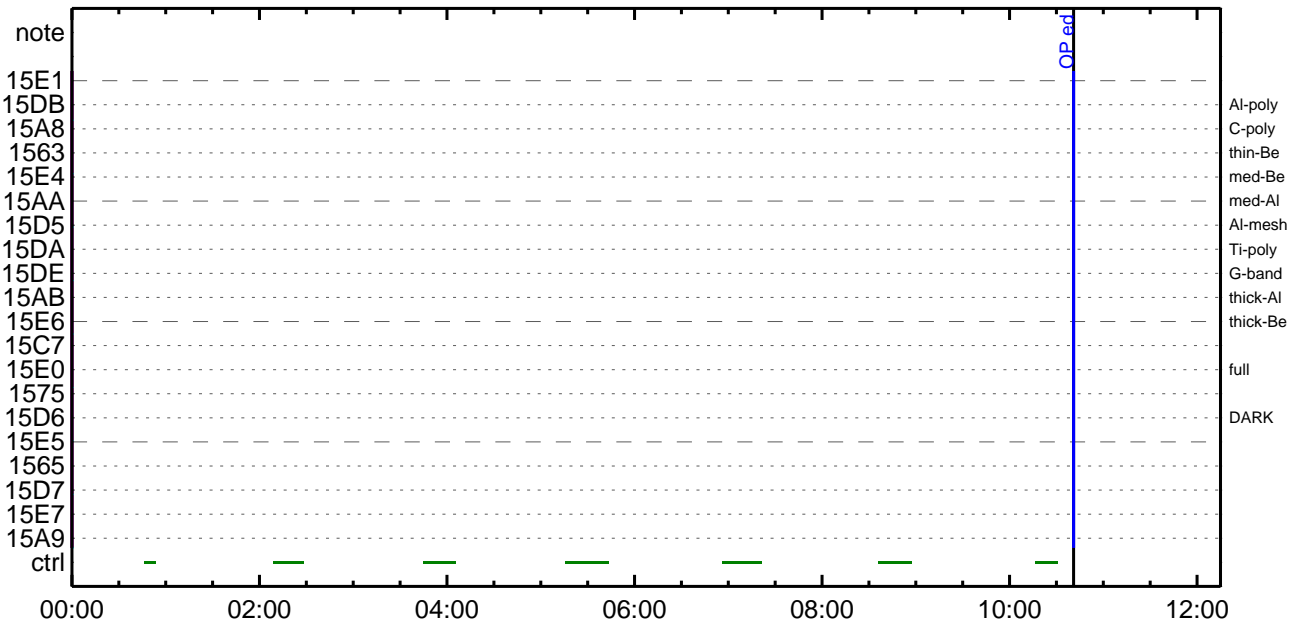
CMDI #0207 2008/10/27



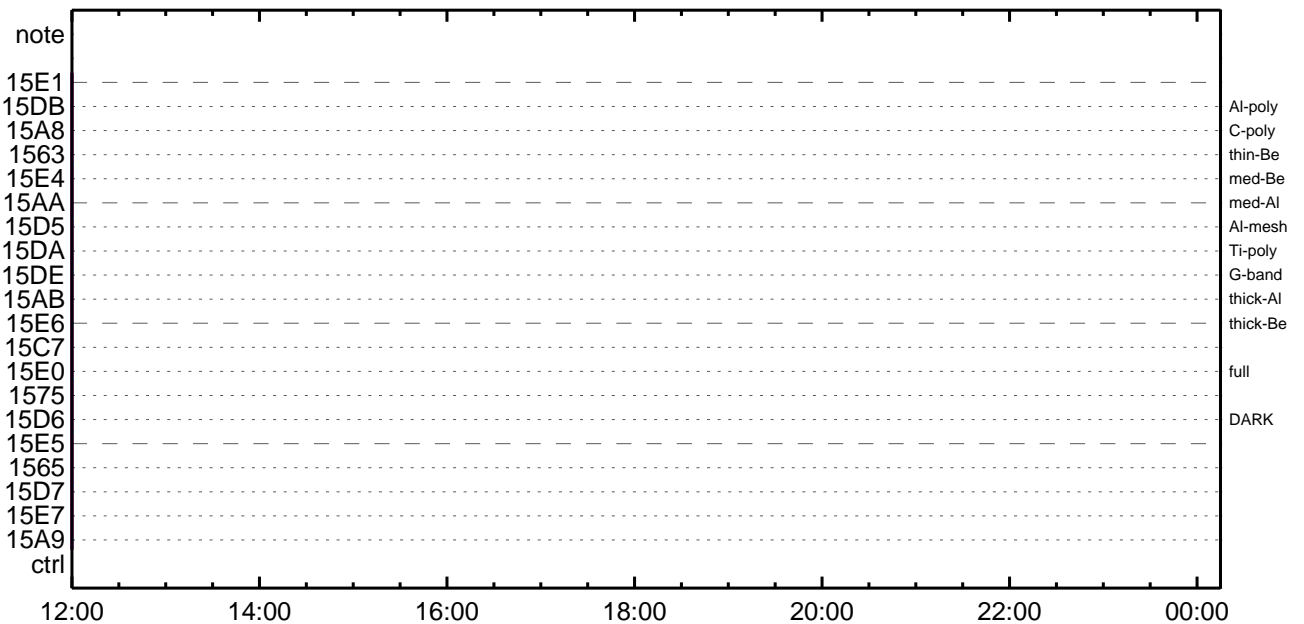
CMDI #0207 2008/10/27



CMDI #0207 2008/10/28



CMDI #0207 2008/10/28




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0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;|YAYOYx
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-212:OP
0104 ( )
0105 S. OG og-212:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPîî°èYAYOYx;ã
0109 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç[HK1_PKT_FORM_NO] EQ 7
0120 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 C. YAYOYx½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG²î¼E¹ç•è²îOKò³îÇ§
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. YAYOYx½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG²î¼E¹ç•è²îOKò³îÇ§
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. YAYOYx½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OP²î¼E¹ç•è²îOKò³îÇ§
0165 C.
0166 C. ***** °E²¼òî¼Ã´¶Á°òEÉ¬ò°Á÷¿@ (¼âµ-YAYOYx½ê¼çòðÁÓÆòÇ¼ª°¬òE¼î¹çòçòâ) *****
0167 C. DHUYâ;4YE;E¼Y½;Yî;4YE;Eòðîã¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç[HK1_PKT_FORM_NO] EQ 2
0171 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 C. NOTICE ;§ OPOG UPLOAD²-Á÷¿@NG²î¼î¹ç;ç°E²¼òî¼TI-CMDÁ÷¿@²î¼Á¹Ôª°¬E²ò³òE;f
0180 C. ²ò³òE;çSET²EEDUMP²î¼±°îYÑY¹ç¹Ôª|²³òE;f
0181 C.
0182 C. TIY³Y²Y¼YE²òðÁDî¿(UT)
0183 +. TI 2008-10-23 09:54:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2008-10-23 09:54:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2008-10-23 09:54:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

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0194 C.
0195 +. TI 2008-10-23 09:58:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.      çç[HK1_TI_CMD_NUM]                EQ        1COUNTUP
0198 C.
0199 C. °Ê²¼ïãĪÄë%íĪñïĪŷÄŷ§ŷÄŷ-¹ãĪŷ
0200 C.      çç[HK1_TI_CMD_ENA/DIS]             EQ        ENA
0201 C.      çç[HK1_TI_CMD_NUM]                EQ        4
0202 C.      çç[HK1_NEXT_EXEC_PIM]            EQ        DHU
0203 C.      çç[HK1_NEXT_EXEC_DC]             EQ        0xB3
0204 C.
0205 C. *****
0206 C. TĪĪŷ°èŷÄŷôŷx
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.      çç[HK1_DMP_TOP_ADRS_1]           EQ        07
0213 C.      çç[HK1_DMP_TOP_ADRS_0]           EQ        2B
0214 C.      çç[HK1_DMP_BLOCK_NUM]            EQ        3
0215 C.      çç[HK1_DMP_REPEAT_NUM]          EQ        0
0216 C.      çç[HK1_DMA_DMP_PIM]              EQ        DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC      (07 0b f8)
0219 C.      çç[HK1_PKT_FORM_NO]              EQ        7
0220 C.      çç[HK1_PKT_GEN_TIME]             EQ        0.25 s
0221 C.      çç[HK1_S_TLM_BIT_RATE]          EQ        32k
0222 C.      çç[HK1_X_TLM_BIT_RATE]          EQ        4M
0223 C.      çç[HK1_DMP_CHK_FLG]             EQ        EXEC
0224 C.
0225 C. ŷÄŷôŷx½ªĪ»ò³Īçš
0226 C.      çç[HK1_DMP_CHK_FLG]             EQ        NON
0227 C.
0228 C. RAM ID=TI_TBLñĪ¾È¹ç•è²ĪOKò³Īçš
0229 C.
0230 C. DHUŷã;¼ŷĒ;Ē¼ŷ½. ŷĪ;¼ŷĒ;ĒòðĪãñ¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC      (02 0a f8)
0233 C.      çç[HK1_PKT_FORM_NO]              EQ        2
0234 C.      çç[HK1_PKT_GEN_TIME]             EQ        0.5S
0235 C.      çç[HK1_S_TLM_BIT_RATE]          EQ        32K
0236 C.      çç[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 2008-10-23 09:58:30.0
0245 DC 07-FC EIS_MODE_MANU
0246 BC      (21 02)
0247 +. TI 2008-10-23 09:58:40.0
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 2008-10-23 09:58:16.0
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 2008-10-23 09:58:00.0
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 `ũÃĪñĪ»ò¼ŷñÈĪĐñ¹ñĒDCBC•x²è *****
0276 C. (%ã°ĪŷôŷÄŷĒŷŷŷÄŷçŷèÈ¼ññ¼Ä»ŷñ¹ñĒ)
0277 S. DC-BC dcbc-402:DCBC
0278 (MDP_known_event)
0279 C.
0280 C.
0281 C. ***** ŷĐŷ¹•Ī Daily±çĪññÈ'Øñ¹ñĒDCBC•x²è *****
0282 S. DC-BC dcbc-153:DCBC
0283 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0284 C.
0285 C.
0286 C. ĪãLOSŷÄŷ§ŷÄŷ-¼Ä»ŷ;ã
0287 C.
0288 C. ***** LOS *****
0289 C.

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(a) Spacecraft Operation Procedure (real-commands)

```
main-213 2008-10-23 13:11:55 108 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŠYÁY-¼Á»Û;ä
0005 C.
0006 C. YÁYŠ;¼Y³YF¶OYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. ÁÍ;Èð¿ðÄð•µ°È»Í×ÁÇçÁYçYÁY×YÍ;¼YÉ;ÈÈèµ•fÍÈ;ÈÈÈ¼°ÇÖð•µ¿¼l¹ççÍ;çÁ®, ùñ¹ðèððçÁ+¿®ð•ðÈððð³ðÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. ***** AOCS Commands (Tracking Curve Upload) *****
0015 C. Upload the Orbit Element and the Target Attitude
0016 C. RAM-ID:TARGET_ATT
0017 . S. RAM ram-150:TARGET_ATT
0018 ( )
0019 C.
0020 C.
0021 C. Set the dump memory area of TARGET_ATT
0022 +. DC 02-48 AOCU_DUMP_SET
0023 BC (07 00 00 00 18 00)
0024 C.
0025 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0026 C.
0027 C.
0028 C. Change the TLMFormatNo for the AOCS Dump Format
0029 +. DC 01-22 DHU_MODE_CHNG
0030 BC (04 0b f8)
0031 C.
0032 C. Wait for AOCSDUMP to end
0033 C.
0034 . C. Check the dump memory
0035 C.
0036 C. Result = OK [ ]
0037 C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039 BC (02 0a f8)
0040 C.
0041 C. <A_***>[TLM STS] FMT = 2 [ ]
0042 C.
0043 +. DC 02-8E AOCU_ORB_UPD
0044 . C.
0045 C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0046 +. DC 07-FC EIS_MODE_MANU
0047 BC (21 02)
0048 . C. Verify EIS in MANUAL mode
0049 C. Estimated OBSTBL upload time is 16s
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 2008-10-23 09:58:50.0
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. Move the GRATING 58 steps forward
0068 C. *****
0069 C. EIS START GRATING OPERATION
0070 C. *****
0071 +. DC 07-FC EIS_UPLOAD_MHCPAR
0072 BC (6f c0 95 00 04 00 69 00)
0073 BC (ff)
0074 +. DC 07-FC EIS_UPLOAD_MHCPAR
0075 BC (6f c0 95 00 04 e8 e8 00)
0076 BC (64)
0077 +. DC 07-FC EIS_MOVE_GRA_FWD
0078 BC (68 a0 0a 00 04 00 01 00)
0079 BC (3a)
0080 . C. Wait for 30 sec
0081 . C. Log the MHC status parameters: EIS_GRA_SW_POS and EIS_GRA_POS
0082 +. DC 07-FC EIS_UPLOAD_MHCPAR
0083 BC (6f c0 95 00 04 00 69 00)
0084 BC (00)
0085 +. DC 07-FC EIS_UPLOAD_MHCPAR
0086 BC (6f c0 95 00 04 e8 e8 00)
0087 BC (00)
0088 +. DC 07-FC EIS_CLR_ICU_ERR
0089 BC (23)
0090 C. *****
0091 C. EIS END GRATING OPERATION
0092 C. *****
0093 C.
0094 . C. ***** MDP ‘úÁîñí»ð¼YðÈÁð¹ñèDCBC•×²è *****
0095 C. (¼á°íYÓYÁYÈYßYÉYçYèÈ%¼ð¼Ä»Û¹ñè)
```

```
0096 . S. DC-BC dcbc-402:DCBC
0097 (MDP_known_event)
0098 C.
0099 C.
0100 . C. ***** ¥D¥1•İ Daily±;İÑñĒ'Øα¹αēDCBC•x²è *****
0101 . S. DC-BC dcbc-153:DCBC
0102 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0103 C.
0104 C.
0105 . C. ;äLOS¥Á¥S¥Ä¥-¼Ä»Û;ä
0106 C.
0107 . C. ***** LOS *****
0108 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-261: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. < Stop SP table >
0120 +. DC 07-F0 MDP_SP_CTRL_MANU
0121 BC (61)
0122 C. -----
0123 C. MDP_SP_CTRL_MODE = MANU [ ]
0124 C. -----
0125 C.
0126 . C. <Upload SP Observation Table>
0127 . S. RAM ram-285:MDP_OBS_S
0128 ( )
0129 C.
0130 . C. < Dump RAMID=MDP_OBS_S >
0131 +. DC 07-F0 MDP_DUMP_SPTBL
0132 BC (83 07 00 00 00 38 b8)
0133 C. -----
0134 C. MDP_OBS_S verify = OK/NG [ ]
0135 C. -----
0136 C.
0137 C. *****
0138 C. SOT TI command set
0139 C. *****
0140 C. Execute, after the success of TBL upload.
0141 +. TI 2008-10-23 09:58:18.0
0142 DC 07-F0 MDP_SOT_MODE_OBSV
0143 BC (40)
0144 . C. -----
0145 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0146 C. -----
0147 C.
0148 C.
0149 C. ***** XRT START *****
0150 C.
0151 +. DC 07-F0 MDP_XRT_CTRL_MANU
0152 BC (c1)
0153 + DC 07-F0 MDP_XRT_MODE_STBY
0154 BC (c3)
0155 . C. ----- Success Verify ? OK / NG____
0156 C.
0157 C. XRT Obs. Table Upload
0158 . S. RAM ram-291:MDP_OBS_X
0159 ( )
0160 C.
0161 +. DC 07-F0 MDP_DUMP_XRTTBL
0162 BC (84 07 00 00 00 3a d4)
0163 . C. ----- Comparison Check ? OK / ERR ____
0164 C.
0165 C.
0166 +. DC 07-F0 MDP_XRT_ROI_SET
0167 BC (cd 01 b1 b1 04 04)
0168 + DC 07-F0 MDP_XRT_ROI_SET
0169 BC (cd 02 b1 b1 08 08)
0170 + DC 07-F0 MDP_XRT_ROI_SET
0171 BC (cd 03 b1 b1 08 08)
0172 + DC 07-F0 MDP_XRT_ROI_SET
0173 BC (cd 04 b1 b1 06 06)
0174 + DC 07-F0 MDP_XRT_ROI_SET
0175 BC (cd 06 80 80 20 20)
0176 + DC 07-F0 MDP_XRT_ROI_SET
0177 BC (cd 07 80 80 06 06)
0178 + DC 07-F0 MDP_XRT_ROI_SET
0179 BC (cd 08 80 80 10 08)
0180 + DC 07-F0 MDP_XRT_ROI_SET
0181 BC (cd 09 85 83 06 06)
0182 + DC 07-F0 MDP_XRT_ROI_SET
0183 BC (cd 0f 80 80 06 06)
0184 + DC 07-F0 MDP_XRT_ROI_SET
0185 BC (cd 10 80 80 04 04)
0186 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0187 BC (c4 05)
0188 + DC 07-F0 MDP_XRT_ARS_DIS
0189 BC (d5)
0190 + DC 07-F0 MDP_XRT_FLD_DIS
0191 BC (d9)
0192 + DC 07-F0 MDP_XRT_FLRCTRL_DIS
0193 BC (c9)

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0194 . C. ----- Success Verify ?          OK / NG ____
0195 C.
0196 C.
0197 . C. All OK?   Yes--> Please Proceed. / No --> Stop here.
0198 C.
0199 +. DC 07-F0 MDP_XRT_MODE_OBSV
0200 BC      (c2)
0201 +. DC 07-F0 MDP_XRT_CTRL_AUTO
0202 BC      (c0)
0203 +. TI 2008-10-23 09:58:02.0
0204 DC 07-F0 MDP_XRT_MODE_OBSV
0205 BC      (c2)
0206 +. TI 2008-10-23 09:58:04.0
0207 DC 07-F0 MDP_XRT_CTRL_AUTO
0208 BC      (c0)
0209 . C. ----- Success Verify ?          OK / NG ____
0210 C.
0211 C. ***** XRT END *****
0212 C.
0213 . C. ***** MDP `uAÎaÎ»ö¼YøEÂÐa¹æDCBC•x²è *****
0214 C. (¼ã°îYÓYÄYËYÞYËYáYçYèaE¼¼a¼A»Üa¹æè)
0215 . S. DC-BC dcbc-402:DCBC
0216 (MDP_known_event)
0217 C.
0218 C.
0219 . C. ***** YD¥¹•İ Daily±;İÑaE'Øa¹æDCBC•x²è *****
0220 . S. DC-BC dcbc-153:DCBC
0221 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0222 C.
0223 C.
0224 . C. ;ãLOS¥Á¥S¥Ä¥-¼A»Ü;ã
0225 C.
0226 . C. ***** LOS *****
0227 C.
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XRT_OGLIST_0207.chk

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*** OP Sequence for XRT ***

2008/10/23	10:08:54.0	XRT_CTRL_MANU_428_OG [0x1ac]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/10/23	10:08:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2008/10/23	10:09:00.0	AOCS_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	00 b6 0d 00 00
2008/10/23	10:09:16.0	XRT_QT_PROG_SET_449_OG [0x1c1]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2008/10/23	10:10:54.0	XRT_ARS_DIS_422_OG [0x1a6]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2008/10/23	10:10:56.0	XRT_FLD_DIS_445_OG [0x1bd]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2008/10/23	10:10:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/10/23	10:11:00.0	XRT_CTRL_AUTO_403_OG [0x193]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/10/23	10:26:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/10/23	10:39:30.0	XRT_Custom_430_OG [0x1ae]			
2008/10/23	10:40:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/10/23	15:50:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/10/23	16:04:00.0	XRT_Custom_430_OG [0x1ae]			
2008/10/23	16:04:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/10/23	16:05:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/10/23	16:13:00.0	XRT_Custom_430_OG [0x1ae]			
2008/10/23	16:14:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/10/23	17:26:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/10/23	17:50:00.0	XRT_Custom_430_OG [0x1ae]			
2008/10/23	17:51:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/10/23	18:05:24.0	XRT_CTRL_MANU_428_OG [0x1ac]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/10/23	18:05:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2008/10/23	18:05:30.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2008/10/23	18:05:46.0	XRT_QT_PROG_SET_431_OG [0x1af]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2008/10/23	18:05:48.0	XRT_FLD_DIS_419_OG [0x1a3]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2008/10/23	18:05:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/10/23	18:05:52.0	XRT_ARS_DIS_427_OG [0x1ab]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2008/10/23	18:07:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/10/23	18:15:24.0	XRT_CTRL_MANU_428_OG [0x1ac]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/10/23	18:15:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2008/10/23	18:15:30.0	AOCS_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	00 b6 0d 00 00
2008/10/23	18:15:46.0	XRT_QT_PROG_SET_449_OG [0x1c1]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2008/10/23	18:17:24.0	XRT_ARS_DIS_422_OG [0x1a6]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2008/10/23	18:17:26.0	XRT_FLD_DIS_445_OG [0x1bd]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2008/10/23	18:17:28.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/10/23	18:17:30.0	XRT_CTRL_AUTO_403_OG [0x193]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/10/23	19:03:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/10/23	19:26:30.0	XRT_Custom_430_OG [0x1ae]			
2008/10/23	19:27:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/10/23	20:40:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/10/23	21:04:00.0	XRT_Custom_430_OG [0x1ae]			
2008/10/23	21:05:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/10/23	22:18:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/10/23	22:40:00.0	XRT_Custom_430_OG [0x1ae]			
2008/10/23	22:41:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/10/23	23:55:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/10/24	00:07:00.0	XRT_Custom_430_OG [0x1ae]			
2008/10/24	00:08:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/10/24	01:23:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/10/24	01:38:30.0	XRT_Custom_430_OG [0x1ae]			

2008/10/24	01:39:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/24	01:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/24	01:59:56.0	XRT_FOCUS_POSITION_434_OG [0x1b2]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/10/24	02:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 14 41 50 fd				
2008/10/24	02:00:16.0	XRT_QT_PROG_SET_443_OG [0x1bb]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2008/10/24	02:01:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/10/24	02:01:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/10/24	02:01:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/10/24	02:02:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/24	02:29:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/24	02:29:56.0	XRT_FOCUS_POSITION_434_OG [0x1b2]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/10/24	02:30:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 1b 02 40 18				
2008/10/24	02:30:16.0	XRT_QT_PROG_SET_443_OG [0x1bb]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2008/10/24	02:31:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/10/24	02:31:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/10/24	02:31:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/10/24	02:32:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/24	02:54:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/24	02:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/24	02:59:56.0	XRT_FOCUS_POSITION_434_OG [0x1b2]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/10/24	03:00:00.0	AOCS_ORe-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00 1c 72 2f be				
2008/10/24	03:00:16.0	XRT_QT_PROG_SET_443_OG [0x1bb]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2008/10/24	03:01:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/10/24	03:01:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/10/24	03:01:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/10/24	03:15:00.5	XRT_Custom_430_OG [0x1ae]							
2008/10/24	03:16:00.5	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/24	03:29:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/24	03:29:56.0	XRT_FOCUS_POSITION_434_OG [0x1b2]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/10/24	03:30:00.0	AOCS_ORe-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00 1d 58 1f 02				
2008/10/24	03:30:16.0	XRT_QT_PROG_SET_443_OG [0x1bb]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2008/10/24	03:31:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/10/24	03:31:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/10/24	03:31:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/10/24	03:32:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/24	03:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/24	03:59:56.0	XRT_FOCUS_POSITION_434_OG [0x1b2]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/10/24	04:00:00.0	AOCS_ORe-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00 1d ca 0e 0c				
2008/10/24	04:00:16.0	XRT_QT_PROG_SET_443_OG [0x1bb]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2008/10/24	04:01:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/10/24	04:01:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/10/24	04:01:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/10/24	04:02:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/10/24	04:23:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/24	04:29:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/10/24	04:29:56.0	XRT_FOCUS_POSITION_434_OG [0x1b2]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/10/24	04:30:00.0	AOCS_ORe-point_Start_8_OG [0x09e]							
		AOCU_NM	5	02-76	00 1d db fc b5				

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2008/10/24	04:30:16.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05
2008/10/24	04:31:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2008/10/24	04:31:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2008/10/24	04:31:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2008/10/24	04:52:30.5	XRT_Custom_430_OG [0x1ae]					
2008/10/24	04:53:30.5	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/10/24	04:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/24	04:59:56.0	XRT_FOCUS_POSITION_434_OG [0x1b2]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2008/10/24	05:00:00.0	AOCS_Ore-point_Start_9_OG [0x09f]	AOCU_NM	5	02-76	00 1d ca f1 f4	
2008/10/24	05:00:16.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05
2008/10/24	05:01:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2008/10/24	05:01:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2008/10/24	05:01:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2008/10/24	05:02:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/10/24	05:36:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/24	05:36:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2008/10/24	05:36:30.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	00
2008/10/24	05:36:46.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	10
2008/10/24	05:36:48.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2008/10/24	05:36:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2008/10/24	05:36:52.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2008/10/24	05:38:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/10/24	05:46:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/24	05:46:26.0	XRT_FOCUS_POSITION_434_OG [0x1b2]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2008/10/24	05:46:30.0	AOCS_Ore-point_Start_10_OG [0x0a0]	AOCU_NM	5	02-76	00 1d 58 e0 fe	
2008/10/24	05:46:46.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05
2008/10/24	05:48:24.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2008/10/24	05:48:26.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2008/10/24	05:48:28.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2008/10/24	05:48:30.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/10/24	06:03:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/24	06:29:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/24	06:29:56.0	XRT_FOCUS_POSITION_434_OG [0x1b2]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2008/10/24	06:30:00.0	AOCS_Ore-point_Start_11_OG [0x0a1]	AOCU_NM	5	02-76	00 1c 72 d0 42	
2008/10/24	06:30:16.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05
2008/10/24	06:31:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2008/10/24	06:31:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2008/10/24	06:31:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2008/10/24	06:32:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/10/24	06:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/24	06:59:56.0	XRT_FOCUS_POSITION_434_OG [0x1b2]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2008/10/24	07:00:00.0	AOCS_Ore-point_Start_12_OG [0x0a2]	AOCU_NM	5	02-76	00 1b 02 bf e8	
2008/10/24	07:00:16.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05
2008/10/24	07:01:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2008/10/24	07:01:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2008/10/24	07:01:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2008/10/24	07:02:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	

2008/10/24	07:29:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/24	07:29:56.0	XRT_FOCUS_POSITION_434_OG [0x1b2]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2008/10/24	07:30:00.0	AOCS_ORe-point_Start_13_OG [0x0a3]	AOCU_NM	5	02-76	00 14 41 af 03	
2008/10/24	07:30:16.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05	
2008/10/24	07:31:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2008/10/24	07:31:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2008/10/24	07:31:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2008/10/24	07:32:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/10/24	07:44:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/24	07:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/24	07:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2008/10/24	08:00:00.0	AOCS_ORe-point_Start_14_OG [0x0a4]	AOCU_NM	5	02-76	00 b0 00 00 00	
2008/10/24	08:00:16.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02	
2008/10/24	08:01:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2008/10/24	08:01:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2008/10/24	08:01:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2008/10/24	08:07:30.0	XRT_Custom_430_OG [0x1ae]					
2008/10/24	08:08:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/10/24	09:23:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/24	09:43:00.0	XRT_Custom_430_OG [0x1ae]					
2008/10/24	09:44:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/10/24	11:06:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/24	11:09:30.0	XRT_Custom_430_OG [0x1ae]					
2008/10/24	11:10:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/10/24	14:52:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/24	15:02:00.0	XRT_Custom_430_OG [0x1ae]					
2008/10/24	15:03:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/10/24	16:26:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/24	16:50:00.0	XRT_Custom_430_OG [0x1ae]					
2008/10/24	16:51:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/10/24	17:39:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/24	17:39:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2008/10/24	17:39:30.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2008/10/24	17:39:46.0	XRT_QT_PROG_SET_431_OG [0x1af]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06	
2008/10/24	17:39:48.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2008/10/24	17:39:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2008/10/24	17:39:52.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2008/10/24	17:41:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/10/24	17:49:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/24	17:49:30.0	AOCS_ORe-point_Start_15_OG [0x0a5]	AOCU_NM	5	02-76	01 00 00 00 00	
2008/10/25	00:00:00.0	AOCS_ORe-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	00 ad 27 00 00	
2008/10/25	05:57:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/25	05:57:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2008/10/25	05:58:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2008/10/25	05:58:16.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10	
2008/10/25	05:58:18.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2008/10/25	05:58:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2008/10/25	05:58:22.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2008/10/25	06:00:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	

2008/10/25	06:07:54.0	XRT_CTRL_MANU_428_OG [0x1ac]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/10/25	06:08:00.0	AOCS_ORe-point_Start_16_OG [0x0a6]				
		AOCU_NM	5	02-76	00 ad 27 00 00	
2008/10/25	10:37:00.0	AOCS_ORe-point_Start_2_OG [0x098]				
		AOCU_NM	5	02-76	00 00 00 00 00	