

XRT Timeline to be uploaded on 2009/11/14

Period: 2009/11/14 10:47:00 - 2009/11/19 10:37:00

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Normal mode

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XOB #172E: QS Hot plasma - Med-AI - 512x512 - 32s DPCM												
Term		Pointing (x, y)					Comment					
11/14 11:00:00 - 11/14 14:29:54		Track (-19.9, -10.2) @ 11/14 10:57:00					# OP start + 10min, disk center for SOT QS obs					
PROG= 06 Inf.-time(s)												
├ Subr= 1 1-time(s) 2.0sec												
└ Seqn= 86 17-time(s) 2.0sec												
├ Subr= 2 1-time(s) 2.0sec												
└ Seqn= 87 1-time(s) 2.0sec												
├ med-AI/Open med-AI/thick-AI close Safe Norm 32.0s Obs 1x1 512x512 (1024, 1024) DPCM 0 0 2.0sec												
├ med-AI/Open med-AI/thick-AI close Safe Dark 32.0s Obs 1x1 512x512 (1024, 1024) DPCM 0 0 2.0sec												
├ Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

XOB #1731: AR Dynamics - 2x2 - Med-AI - lower cadence- inner and outer - Q98 - AEC 1 and AEC 2												
Term		Pointing (x, y)					Comment					
11/14 14:33:00 - 11/14 18:01:54		Fixed (-920.0, 260.0)					AR on E-limb					
11/14 18:15:30 - 11/15 05:23:24		Fixed (-920.0, 260.0)					AR on E-limb					
PROG= 01 Inf.-time(s)												
├ Subr= 1 1-time(s) 2.0sec												
└ Seqn= 88 4-time(s) 40.0sec												
├ Subr= 2 1-time(s) 2.0sec												
└ Seqn= 89 1-time(s) 2.0sec												
├ med-AI/Open med-AI/thick-AI close Safe Norm 16.0s Obs 2x2 512x512 (1024, 1024) Q=98 1 0 2.0sec												
├ med-AI/Open med-AI/thick-AI close Safe Norm 32.0s Obs 2x2 1024x1024 (1024, 1024) Q=98 2 0 2.0sec												
├ Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

XOB #172D: Synoptic Q95 med-AI + Dark (2x2 4x4 8x8 and cross strips)												
Term		Pointing (x, y)					Comment					
11/14 18:05:00 - 11/14 18:12:24		Fixed (0.0, 0.0)					synoptic, shifted 2.5 min					
11/15 05:26:30 - 11/15 06:59:54		Fixed (0.0, 0.0)					synoptic, shifted -26.5 min, extend the duration for SOT					
11/15 17:39:30 - 11/15 17:46:24		Fixed (0.0, 0.0)					synoptic, shifted -23.5 min					
11/16 05:58:00 - 11/16 06:04:54		Fixed (0.0, 0.0)					synoptic, shifted -5.0 min					
PROG= 03 1-time(s)												
├ Subr= 1 1-time(s) 2.0sec												
└ Seqn= 85 2-time(s) 2.0sec												
├ med-AI/Open med-AI/thick-AI close Safe Norm 16.0s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
├ med-AI/Open med-AI/thick-AI close Safe Norm 32.0s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
├ med-AI/Open med-AI/thick-AI close Safe Norm 64.0s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
├ Subr= 2 1-time(s) 2.0sec												
└ Seqn= 90 1-time(s) 2.0sec												
├ med-AI/thick-Be med-AI/thick-Be close Safe Dark 500ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
├ med-AI/thick-Be med-AI/thick-Be close Safe Dark 500ms Obs 4x4 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
├ med-AI/thick-Be med-AI/thick-Be close Safe Dark 500ms Obs 8x8 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
├ med-AI/thick-Be med-AI/thick-Be close Safe Dark 500ms Obs 1x1 2048x512 (1024, 1024) DPCM 0 0 2.0sec												
├ med-AI/thick-Be med-AI/thick-Be close Safe Dark 500ms Obs 1x1 512x2048 (1024, 1024) DPCM 0 0 2.0sec												
├ Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

XOB #172F: AR Dynamics - 2x2 - Med-AI - inner and outer - Q98 - AEC 1 and AEC 2												
Term		Pointing (x, y)					Comment					
11/15 07:03:00 - 11/15 17:36:24		Fixed (-920.0, 260.0)					AR on E-limb					
11/15 17:49:30 - 11/16 05:54:54		Fixed (-920.0, 260.0)					AR on E-limb					
PROG= 17 Inf.-time(s)												
├ Subr= 1 1-time(s) 2.0sec												
└ Seqn= 88 4-time(s) 20.0sec												
├ Subr= 2 1-time(s) 2.0sec												
└ Seqn= 89 1-time(s) 2.0sec												
├ med-AI/Open med-AI/thick-AI close Safe Norm 16.0s Obs 2x2 512x512 (1024, 1024) Q=98 1 0 2.0sec												
├ med-AI/Open med-AI/thick-AI close Safe Norm 32.0s Obs 2x2 1024x1024 (1024, 1024) Q=98 2 0 2.0sec												
├ Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

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Flare mode

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NOT USED

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Active Region Search

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NOT USED

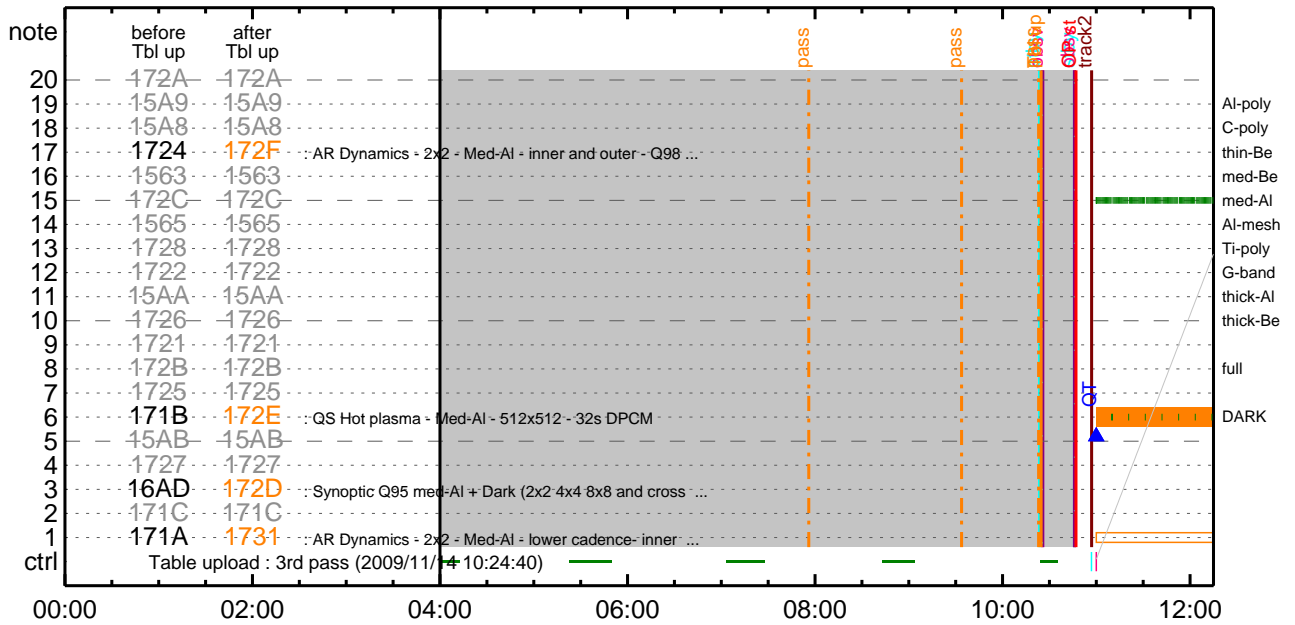
* * * * *

Flare Detection

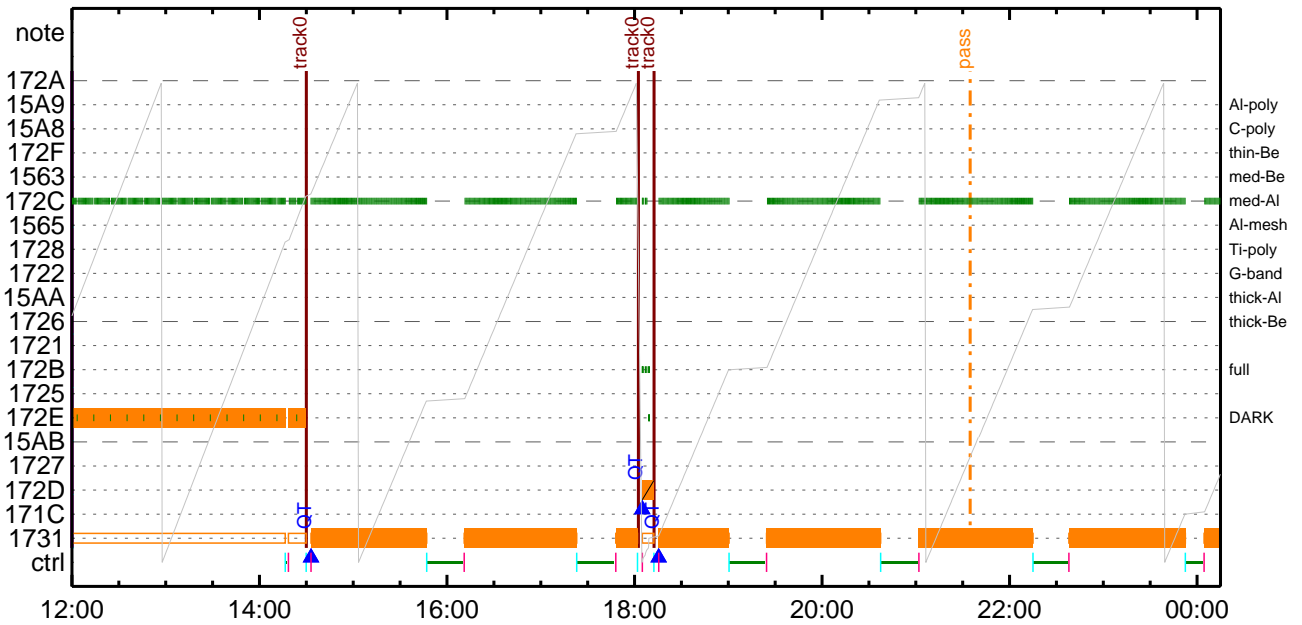
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NOT USED

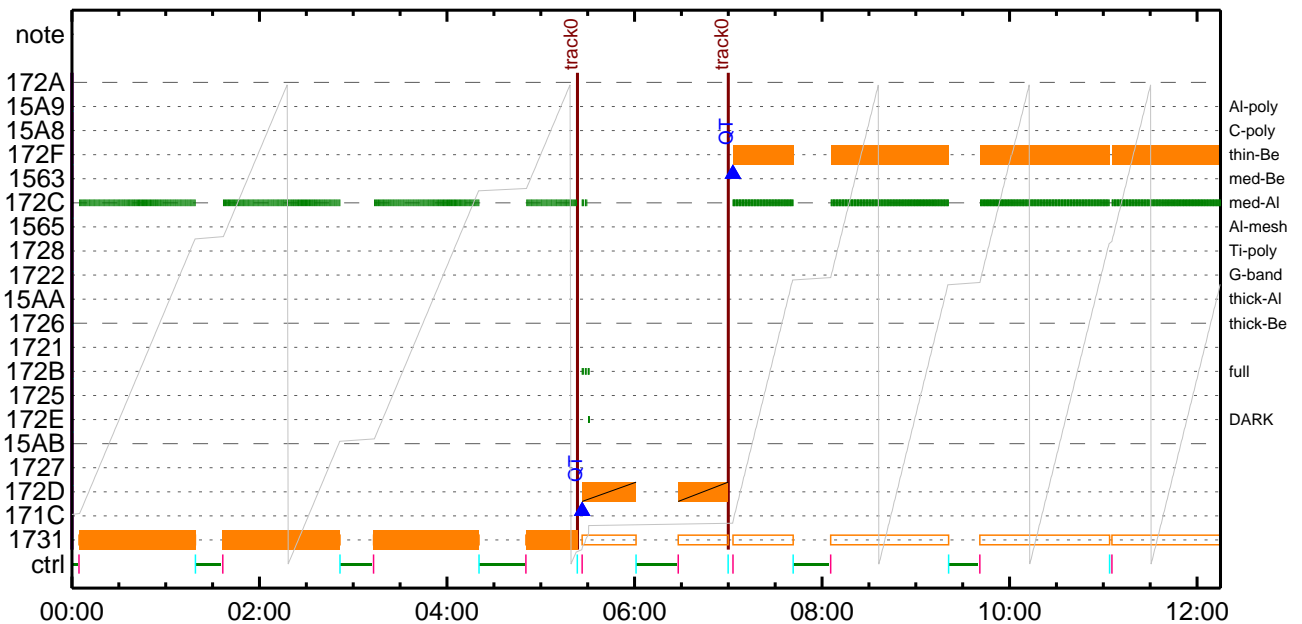
CMDI #0906 2009/11/14



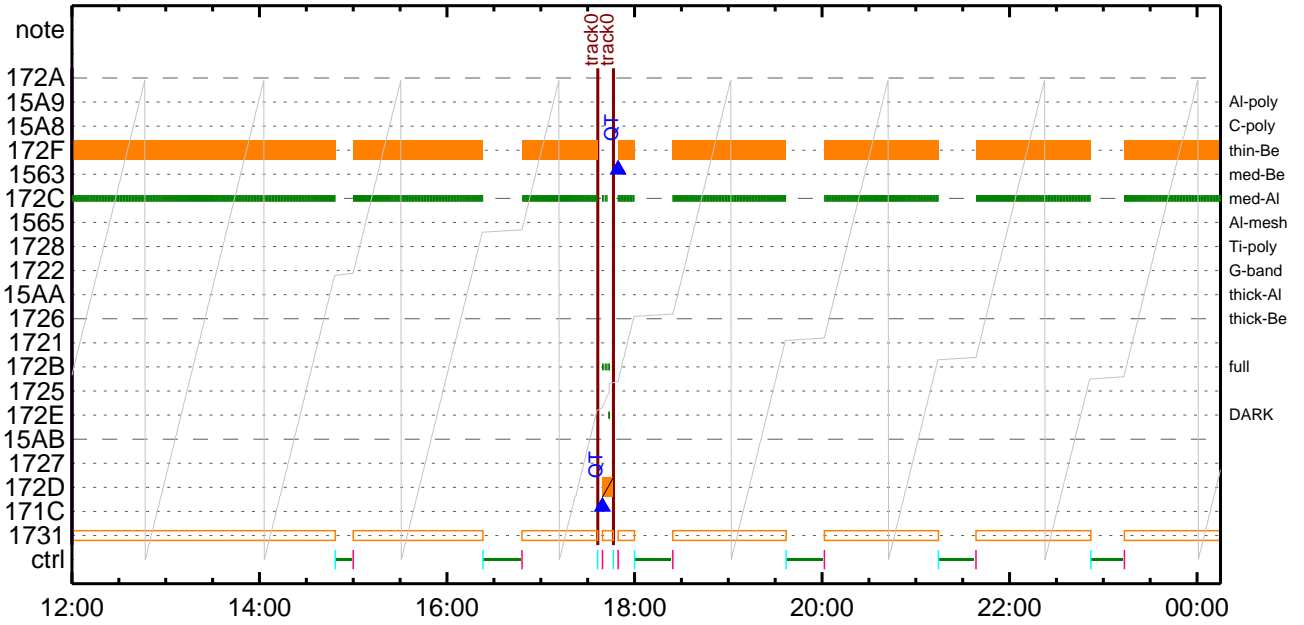
CMDI #0906 2009/11/14



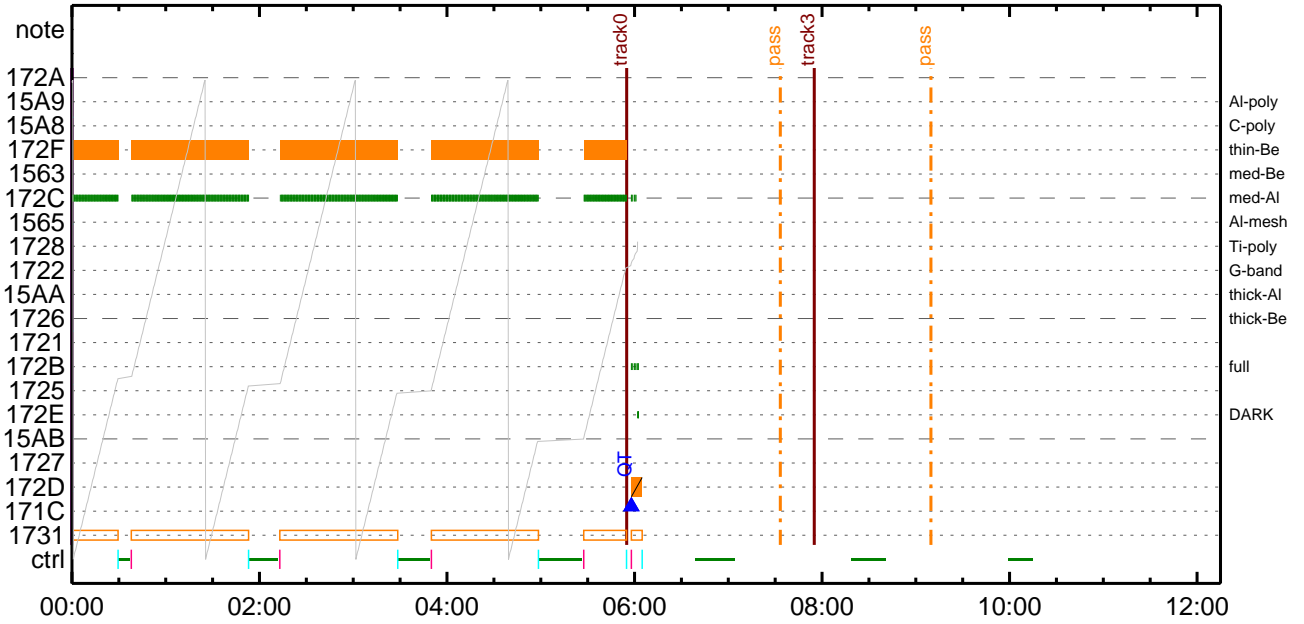
CMDI #0906 2009/11/15



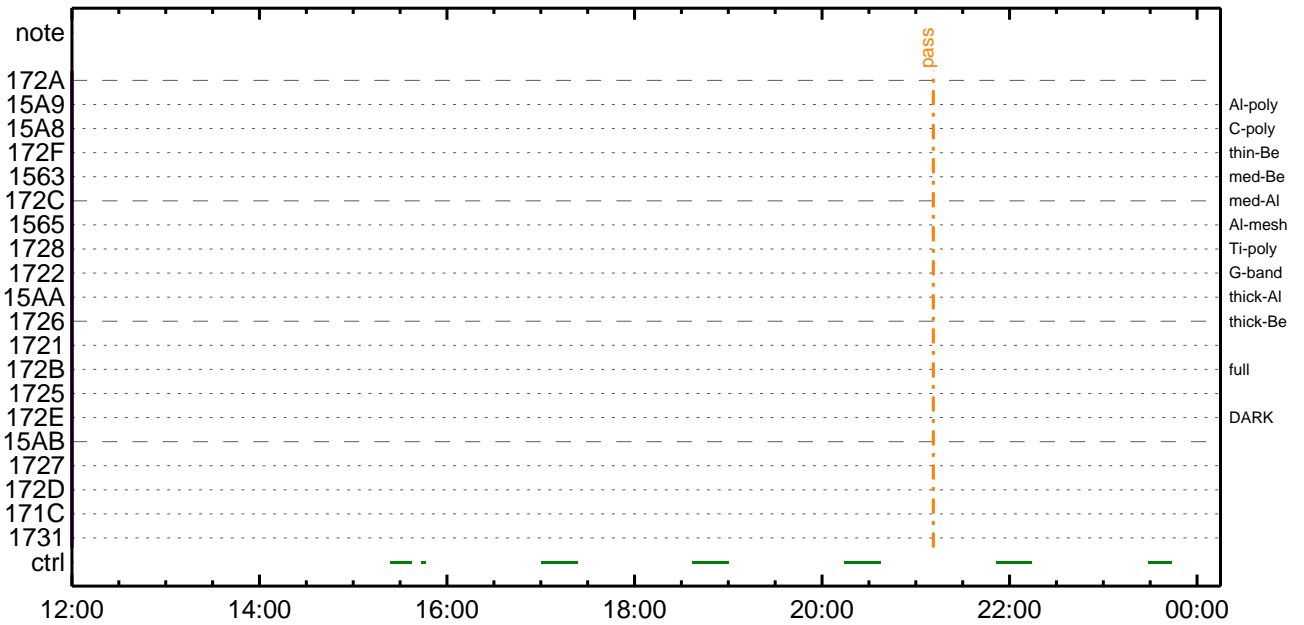
CMDI #0906 2009/11/15



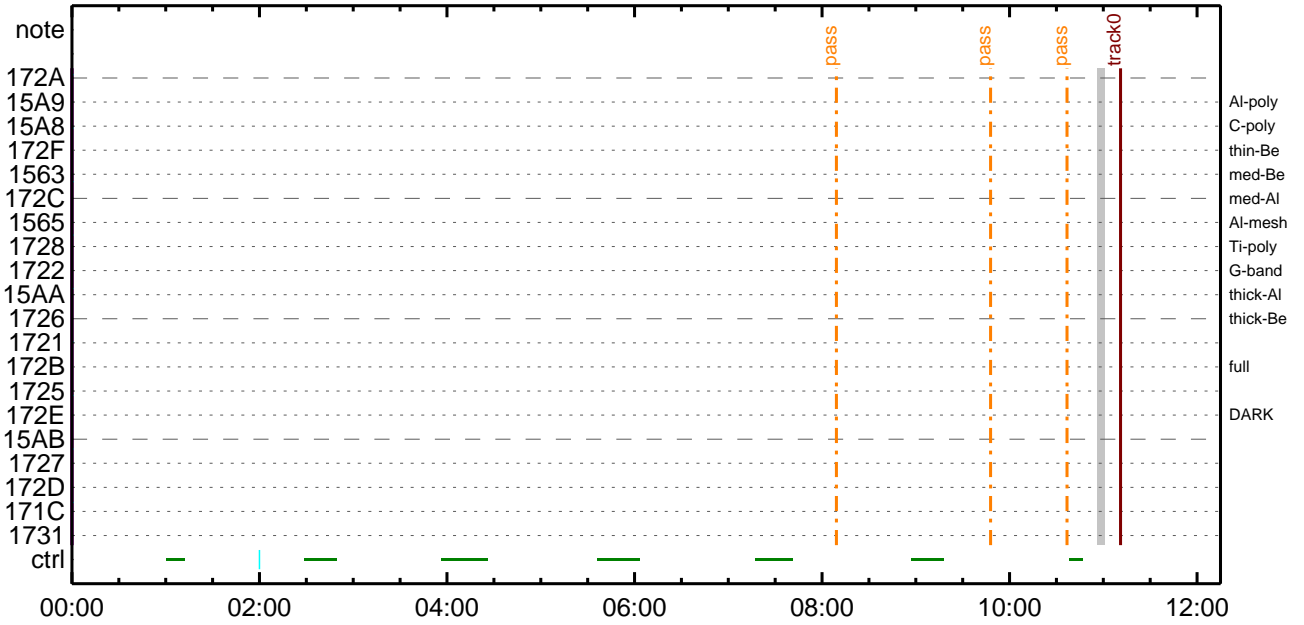
CMDI #0906 2009/11/16



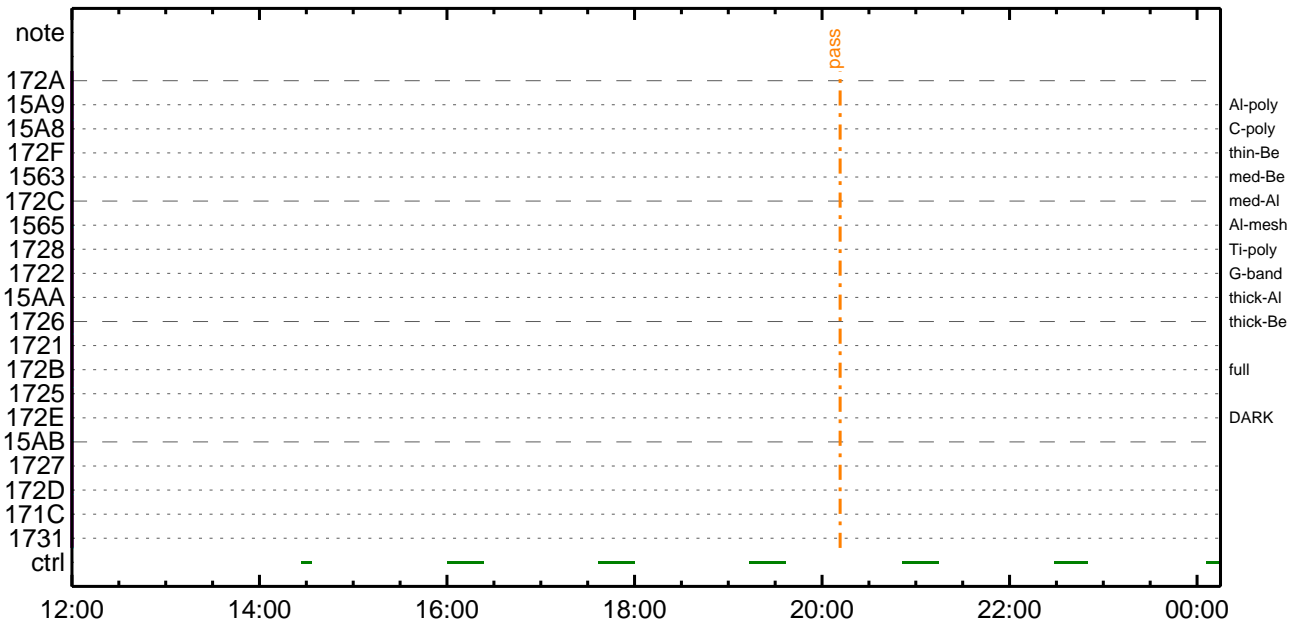
CMDI #0906 2009/11/16



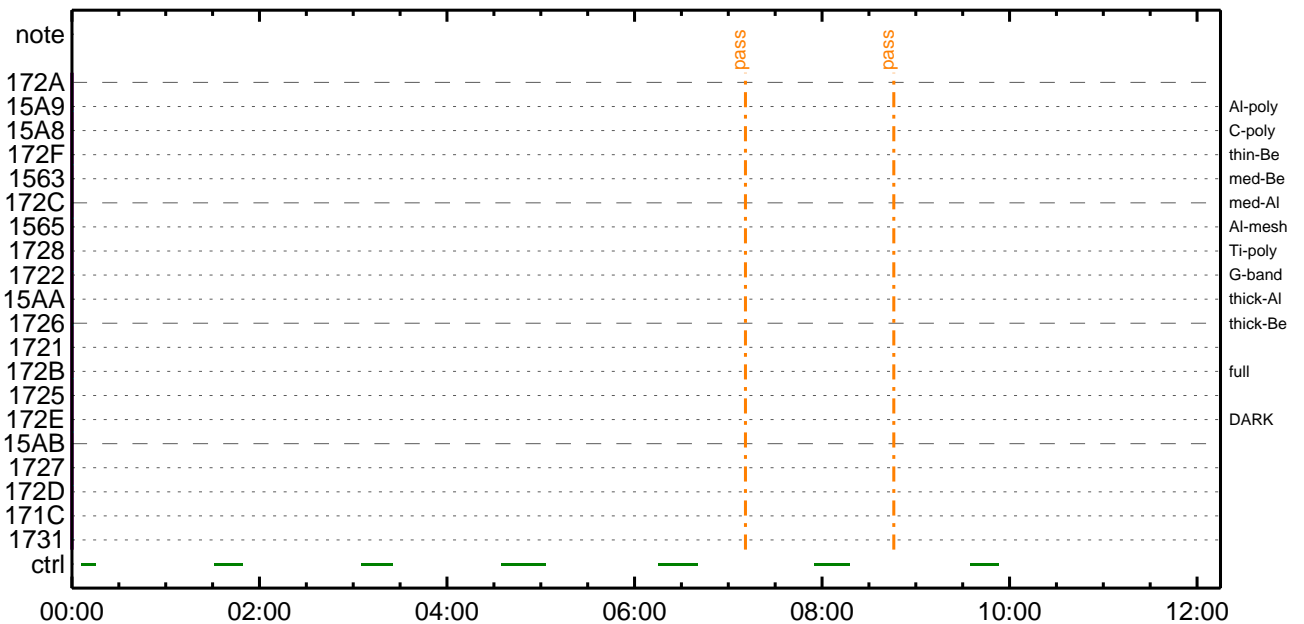
CMDI #0906 2009/11/17



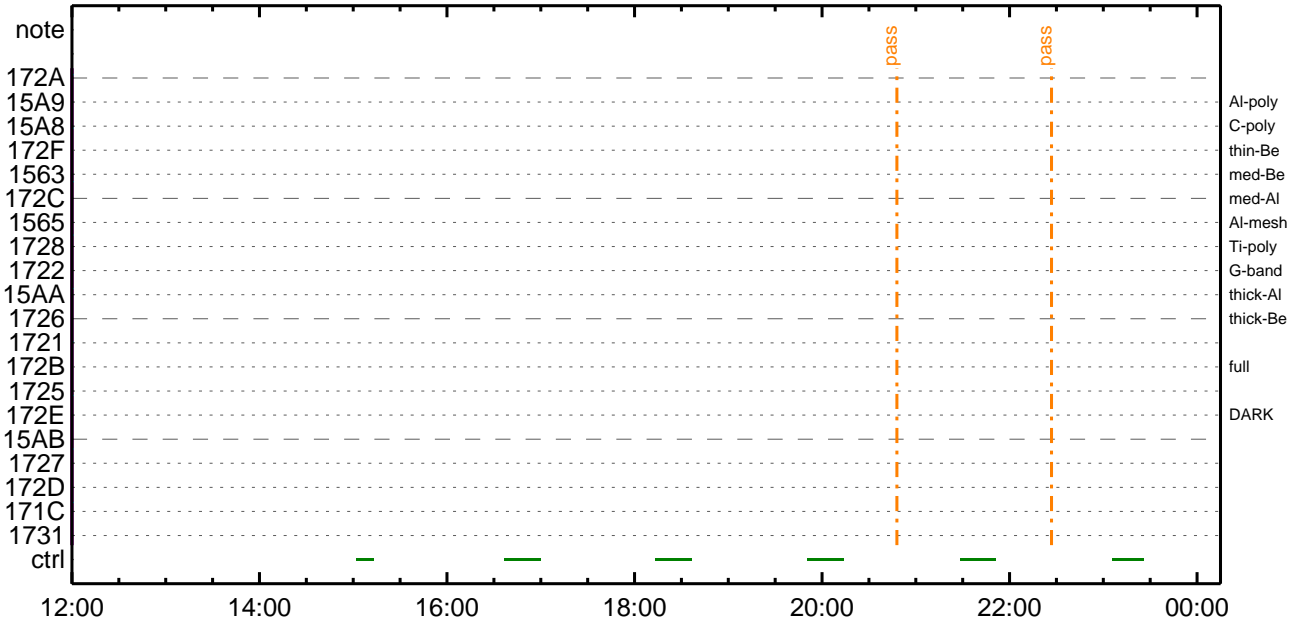
CMDI #0906 2009/11/17



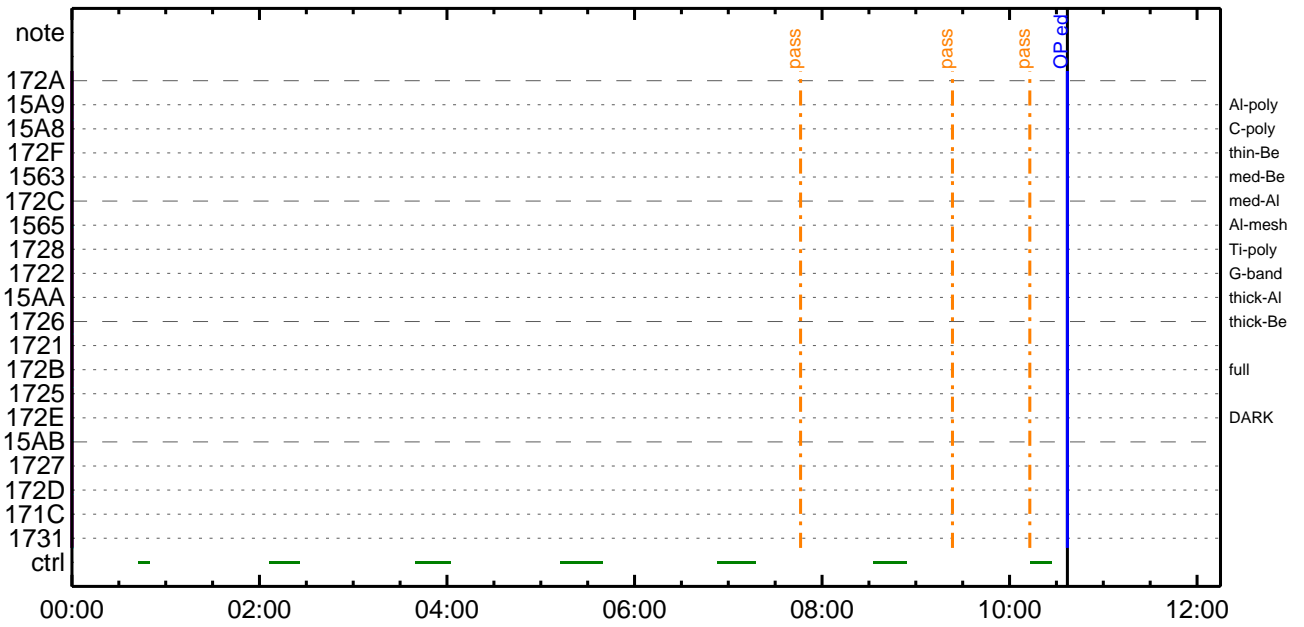
CMDI #0906 2009/11/18



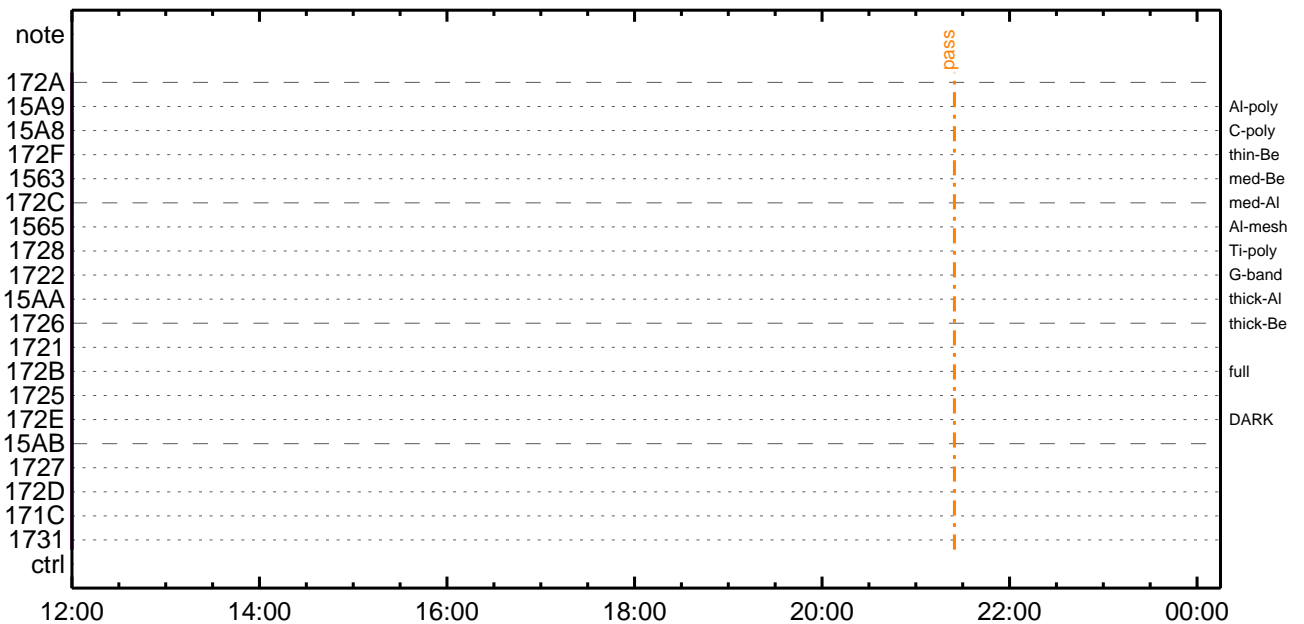
CMDI #0906 2009/11/18



CMDI #0906 2009/11/19



CMDI #0906 2009/11/19




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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-976:OP
0104 ( )
0105 S. OG og-976: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=NMOG²î¼È¹ç•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=NMOG²î¼È¹ç•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=OP²î¼È¹ç•è²îOKò³îÇ§
0165 C.
0166 C. ***** °È²¼òî¼Ã´¶Á°òÈÈ¬ò°Á÷¿@ (¼âµ-YAYOYx½ªè¼çòðÁÔÃæòÇ¼ª°¬òè¼î¹çòçòâ) *****
0167 C. DHUYâ;4YE;È¼Y½;Yî;4YE;Èòðîã¹
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°È²¼òîTI-CMDÁ÷¿@²î¼Á¹Ôª°²È²²²³òÈ;f
0180 C. ²²²¿;çSET²ÈDUMP²î¼±°îYNY¹²ç¹Ôª|²³²È;f
0181 C.
0182 C. TIY³Y²YóYÈ²òðÁî¿¿(UT)
0183 +. TI 2009-11-14 10:42:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2009-11-14 10:42:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2009-11-14 10:42:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

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0194 C.
0195 +. TI 2009-11-14 10:46:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          çç[HK1_TI_CMD_NUM]              EQ      1COUNTUP
0198 C.
0199 C. °È²¼ªíÄè%íñªîŷÄŷ§ŷÄŷ¹àîŷ
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. TIîŷ°èŷÄŷÖŷ×
0207 C. *****
0208 C.
0209 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC      (03 ab 03 01 02)
0212 C.          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. ŷÄŷÖŷ×½ªî»ª³îç§
0226 C.          çç[HK1_DMP_CHK_FLG]               EQ      NON
0227 C.
0228 . C. RAM ID=TI_TBLªîŷÈ¹çªè²îOKª³îç§
0229 C.
0230 . C. DHUŷª;¼ŷÈ;È¼ŷ½.ŷî;¼ŷÈ;Èª³îªª¹
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 2009-11-14 10:46:30.0
0245 DC 07-FC EIS_MODE_MANU
0246 BC      (21 02)
0247 +. TI 2009-11-14 10:46:40.0
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 2009-11-14 10:46:16.0
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 2009-11-14 10:46:00.0
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 ´ûÃîªî»ö¼ŷªÈÄª¹ªèDCBCª²è *****
0276 C. (¼ªªîŷÖŷÄŷÈŷŷŷÄŷçŷèÈ¼ªªªªªª»ŷªªè)
0277 . S. DC-BC dcbc-402:DCBC
0278 (MDP_known_event)
0279 C.
0280 C.
0281 . C. ***** ŷÐŷ¹.İ Daily±çîñªèŷªªèDCBCª²è *****
0282 . S. DC-BC dcbc-153:DCBC
0283 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0284 C.
0285 C.
0286 . C. ;ãLOSŷÄŷ§ŷÄŷ¹¼ªª»ŷª;ã
0287 C.
0288 . C. ***** LOS *****
0289 C.
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(a) Spacecraft Operation Procedure (real-commands)

```
main-978 2009-11-14 12:44:32 133 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY~¼Á»Ü;ã
0005 C.
0006 C. YÀYB;¼Y³YFYÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Ë¼ãÅª•µ°Ë»ÍxÁÇçÍYçYÁY×Yí;¼YÉ;ËÈ¾µ•íÍË;ÈBÈ¼°ÇÔª•ª¿¼l¹çãí;çÀ®. ùª¹ãÈªBªçÁ+¿®ª•ªÈªªª³ªÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 + DC 07-F0 MDP_XRT_MODE_STBY
0018 BC (c3)
0019 C. MDP_XRT_MODE = STBY? OK / NG ____
0020 . C. ----- Success Verify ? OK / NG ____
0021 C.
0022 C. XRT Obs. Table Upload
0023 . S. RAM ram-291:MDP_OBS_X
0024 ( )
0025 C.
0026 +. DC 07-F0 MDP_DUMP_XRTTBL
0027 BC (84 07 00 00 00 3a d4)
0028 . C. ----- Comparison Check ? OK / ERR ____
0029 C.
0030 C.
0031 +. DC 07-F0 MDP_XRT_ROI_SET
0032 BC (cd 01 b1 b1 04 04)
0033 + DC 07-F0 MDP_XRT_ROI_SET
0034 BC (cd 02 b1 b1 08 08)
0035 + DC 07-F0 MDP_XRT_ROI_SET
0036 BC (cd 03 b1 b1 08 08)
0037 + DC 07-F0 MDP_XRT_ROI_SET
0038 BC (cd 04 b1 b1 06 06)
0039 + DC 07-F0 MDP_XRT_ROI_SET
0040 BC (cd 06 80 80 08 08)
0041 + DC 07-F0 MDP_XRT_ROI_SET
0042 BC (cd 07 80 80 10 10)
0043 + DC 07-F0 MDP_XRT_ROI_SET
0044 BC (cd 08 80 80 20 20)
0045 + DC 07-F0 MDP_XRT_ROI_SET
0046 BC (cd 09 80 80 20 08)
0047 + DC 07-F0 MDP_XRT_ROI_SET
0048 BC (cd 0a 80 80 08 20)
0049 + DC 07-F0 MDP_XRT_ROI_SET
0050 BC (cd 0f 80 80 06 06)
0051 + DC 07-F0 MDP_XRT_ROI_SET
0052 BC (cd 10 80 80 04 04)
0053 + DC 07-F0 MDP_XRT_AEC_RESET
0054 BC (d0)
0055 . C. ----- Success Verify ? OK / NG ____
0056 C.
0057 C.
0058 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0059 C.
0060 +. DC 07-F0 MDP_XRT_MODE_OBSV
0061 BC (c2)
0062 +. TI 2009-11-14 10:46:02.0
0063 DC 07-F0 MDP_XRT_MODE_OBSV
0064 BC (c2)
0065 . C. ----- Success Verify ? OK / NG ____
0066 C.
0067 C. ***** XRT END *****
0068 . C. *****
0069 C. SOT table upload
0070 C. *****
0071 . C. < Stop FG table >
0072 +. DC 07-F0 MDP_FG_CTRL_MANU
0073 BC (51)
0074 . C. -----
0075 C. MDP_FG_CTRL_MODE = MANU [ ]
0076 C. -----
0077 C.
0078 . C. <Upload FG Observation Table>
0079 . S. RAM ram-263:MDP_OBS_F
0080 ( )
0081 C.
0082 . C. < Dump RAMID=MDP_OBS_F >
0083 +. DC 07-F0 MDP_DUMP_FGTBL
0084 BC (82 07 00 00 00 38 b8)
0085 C. -----
0086 C. MDP_OBS_F verify = OK/NG [ ]
0087 C. -----
0088 C.
0089 . C. < Stop SP table >
0090 +. DC 07-F0 MDP_SP_CTRL_MANU
0091 BC (61)
0092 C. -----
0093 C. MDP_SP_CTRL_MODE = MANU [ ]
0094 C. -----
0095 C.
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Nov 14, 09 12:45

XRT_OGLIST_0906.chk

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*** OP Sequence for XRT ***

2009/11/14	10:56:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/14	10:56:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/11/14	10:57:00.0	AOCS_Ore-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	02 00 00 00 00
2009/11/14	10:57:16.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2009/11/14	10:57:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/11/14	10:57:20.0	XRT_ARS_DIS_411_OG [0x19b]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2009/11/14	10:59:58.0	XRT_QT_PROG_SET_422_OG [0x1a6]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2009/11/14	11:00:00.0	XRT_CTRL_AUTO_407_OG [0x197]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/14	14:16:30.0	XRT_CTRL_MANU_419_OG [0x1a3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/14	14:17:30.0	XRT_Custom_420_OG [0x1a4]			
2009/11/14	14:18:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/14	14:29:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/14	14:29:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/11/14	14:30:00.0	AOCS_Ore-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 e8 e6 51 ca
2009/11/14	14:30:16.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2009/11/14	14:30:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/11/14	14:30:20.0	XRT_ARS_DIS_411_OG [0x19b]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2009/11/14	14:32:58.0	XRT_QT_PROG_SET_412_OG [0x19c]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2009/11/14	14:33:00.0	XRT_CTRL_AUTO_407_OG [0x197]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/14	15:47:00.0	XRT_CTRL_MANU_419_OG [0x1a3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/14	16:10:00.0	XRT_Custom_420_OG [0x1a4]			
2009/11/14	16:11:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/14	17:23:00.0	XRT_CTRL_MANU_419_OG [0x1a3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/14	17:47:00.0	XRT_Custom_420_OG [0x1a4]			
2009/11/14	17:48:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/14	18:01:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/14	18:01:56.0	XRT_FOCUS_POSITION_408_OG [0x198]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2009/11/14	18:02:16.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2009/11/14	18:02:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/11/14	18:02:20.0	XRT_ARS_DIS_411_OG [0x19b]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2009/11/14	18:02:30.0	AOCS_Ore-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	00 00 00 00 00
2009/11/14	18:04:58.0	XRT_QT_PROG_SET_414_OG [0x19e]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2009/11/14	18:05:00.0	XRT_CTRL_AUTO_407_OG [0x197]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/14	18:12:24.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/14	18:12:26.0	XRT_FOCUS_POSITION_413_OG [0x19d]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/11/14	18:12:30.0	AOCS_Ore-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 e8 e6 51 ca
2009/11/14	18:12:46.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2009/11/14	18:12:48.0	XRT_FLRCTRL_DIS_410_OG [0x19a]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/11/14	18:12:50.0	XRT_ARS_DIS_411_OG [0x19b]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2009/11/14	18:15:28.0	XRT_QT_PROG_SET_412_OG [0x19c]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2009/11/14	18:15:30.0	XRT_CTRL_AUTO_407_OG [0x197]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/14	19:00:30.0	XRT_CTRL_MANU_419_OG [0x1a3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/14	19:23:30.0	XRT_Custom_420_OG [0x1a4]			
2009/11/14	19:24:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/14	20:37:30.0	XRT_CTRL_MANU_419_OG [0x1a3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/14	21:01:00.0	XRT_Custom_420_OG [0x1a4]			
2009/11/14	21:02:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/14	22:15:00.0	XRT_CTRL_MANU_419_OG [0x1a3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1

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2009/11/14	22:37:00.0	XRT_Custom_420_OG [0x1a4]							
2009/11/14	22:38:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/14	23:52:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/15	00:03:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/15	00:04:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/15	01:19:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/15	01:35:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/15	01:36:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/15	02:51:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/15	03:12:00.5	XRT_Custom_420_OG [0x1a4]							
2009/11/15	03:13:00.5	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/15	04:20:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/15	04:49:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/15	04:50:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/15	05:23:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/15	05:23:26.0	XRT_FOCUS_POSITION_408_OG [0x198]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/11/15	05:23:30.0	AOCS_OrE-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/11/15	05:23:46.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/11/15	05:23:48.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/11/15	05:23:50.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/11/15	05:26:28.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2009/11/15	05:26:30.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/15	06:01:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/15	06:27:00.0	XRT_Custom_420_OG [0x1a4]							
2009/11/15	06:28:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/15	06:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/15	06:59:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/11/15	07:00:00.0	AOCS_OrE-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 e8 e6 51 ca				
2009/11/15	07:00:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/11/15	07:00:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/11/15	07:00:20.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/11/15	07:02:58.0	XRT_QT_PROG_SET_430_OG [0x1ae]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2009/11/15	07:03:00.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/15	07:41:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/15	08:04:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/15	08:05:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/15	09:21:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/15	09:40:00.0	XRT_Custom_420_OG [0x1a4]							
2009/11/15	09:41:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/15	11:04:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/15	11:04:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/15	11:05:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/15	14:48:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/15	14:59:00.5	XRT_Custom_420_OG [0x1a4]							
2009/11/15	15:00:00.5	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/15	16:23:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/15	16:47:00.0	XRT_Custom_420_OG [0x1a4]							
2009/11/15	16:48:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/15	17:36:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/15	17:36:26.0	XRT_FOCUS_POSITION_408_OG [0x198]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/11/15	17:36:30.0	AOCS_OrE-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/11/15	17:36:46.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				

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2009/11/15	17:36:48.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/11/15	17:36:50.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/11/15	17:39:28.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2009/11/15	17:39:30.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/15	17:46:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/15	17:46:26.0	XRT_FOCUS_POSITION_413_OG [0x19d]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/11/15	17:46:30.0	AOCS_OrE-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 e8 e6 51 ca				
2009/11/15	17:46:46.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/11/15	17:46:48.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/11/15	17:46:50.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/11/15	17:49:28.0	XRT_QT_PROG_SET_430_OG [0x1ae]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2009/11/15	17:49:30.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/15	18:00:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/15	18:23:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/15	18:24:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/15	19:37:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/15	20:00:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/15	20:01:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/15	21:14:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/15	21:37:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/15	21:38:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/15	22:52:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/15	23:12:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/15	23:13:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/16	00:29:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/16	00:37:00.0	XRT_Custom_420_OG [0x1a4]							
2009/11/16	00:38:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/16	01:53:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/16	02:12:00.0	XRT_Custom_420_OG [0x1a4]							
2009/11/16	02:13:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/16	03:28:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/16	03:49:00.5	XRT_Custom_420_OG [0x1a4]							
2009/11/16	03:50:00.5	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/16	04:58:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/16	05:26:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/16	05:27:30.5	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/16	05:54:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/16	05:54:56.0	XRT_FOCUS_POSITION_408_OG [0x198]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/11/16	05:55:00.0	AOCS_OrE-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/11/16	05:55:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/11/16	05:55:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/11/16	05:55:20.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/11/16	05:57:58.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2009/11/16	05:58:00.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/16	06:04:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/16	07:55:00.0	AOCS_OrE-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2009/11/17	02:00:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/17	02:00:02.0	XRT_TCIB_XRT_S_HTR_A_DIS_431_OG [0x1af]							
		TCIB_XRT_S_HTR_A_DIS	0	04-C0					
2009/11/17	11:11:00.0	AOCS_OrE-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				