

XRT Timeline to be uploaded on 2009/11/24

Period: 2009/11/24 10:27:00 - 2009/11/28 09:08:00

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Normal mode

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XOB #1734: AR Dynamics - 2x2 - Med-AI - inner (wide) and outer - lower cadence- Q95 - AEC 5 and AEC 2												
Term	Pointing (x, y)		Comment									
11/24 10:40:00 - 11/24 14:59:54	Track (732.2, 231.4)	@ 11/24 10:37:00	# OP start + 10min HOP 142 from 11-13UT									
11/24 18:13:00 - 11/25 06:16:54	Track (773.1, 233.4)	@ 11/24 18:10:00	# Continue AR observation									
11/25 06:30:00 - 11/25 14:59:54	Track (830.8, 236.6)	@ 11/25 06:27:00	# Continue AR Observation and HOP 142 11-13UT									
11/25 18:16:30 - 11/26 05:50:24	Track (875.2, 239.5)	@ 11/25 18:13:30	# AR cont.									
11/26 06:03:30 - 11/26 09:34:30	Fixed (914.3, 232.5)		# AR cont. (fixed pointing)									
PROG= 07 Inf.-time(s)												
├ Subr= 1 1-time(s) 2.0sec												
├└ Seqn= 92 4-time(s) 45.0sec												
├└└ med-AI/Open med-AI/thick-AI close Safe Norm 16.0s Obs 2x2 1024x512 (1024, 1024) Q=95 5 0 2.0sec												
├ Subr= 2 1-time(s) 65.0sec												
├└ Seqn= 89 1-time(s) 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 #1732: Dark - Med-AI+Thick-Be - 8x8 - 512x512												
Term	Pointing (x, y)		Comment									
11/24 15:02:41 - 11/24 15:03:41	Fixed (-10.0, -955.0)		HOP 138 1/5									
11/25 15:02:40 - 11/25 15:03:40	Fixed (-10.0, 935.0)		HOP 138 1/5									
11/26 09:37:16 - 11/26 09:38:16	Fixed (914.3, 232.5)		# AR cont. (fixed pointing)									
PROG= 12 1-time(s)												
├ Subr= 1 1-time(s) 2.0sec												
├└ Seqn= 91 1-time(s) 2.0sec												
├└└ med-AI/thick-Be med-AI/thick-Be close Safe Dark 500ms Obs 8x8 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 #172D: Synoptic Q95 med-AI + Dark (2x2 4x4 8x8 and cross strips)												
Term	Pointing (x, y)		Comment									
11/24 18:03:00 - 11/24 18:09:54	Fixed (0.0, 0.0)		synoptic									
11/25 06:20:00 - 11/25 06:26:54	Fixed (0.0, 0.0)		synoptic, shifted 17.0 min									
11/25 18:06:30 - 11/25 18:13:24	Fixed (0.0, 0.0)		synoptic, shifted 3.5 min									
11/26 05:53:30 - 11/26 06:00:24	Fixed (0.0, 0.0)		synoptic, shifted -9.5 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												

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Flare mode

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NOT USED

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Active Region Search

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NOT USED

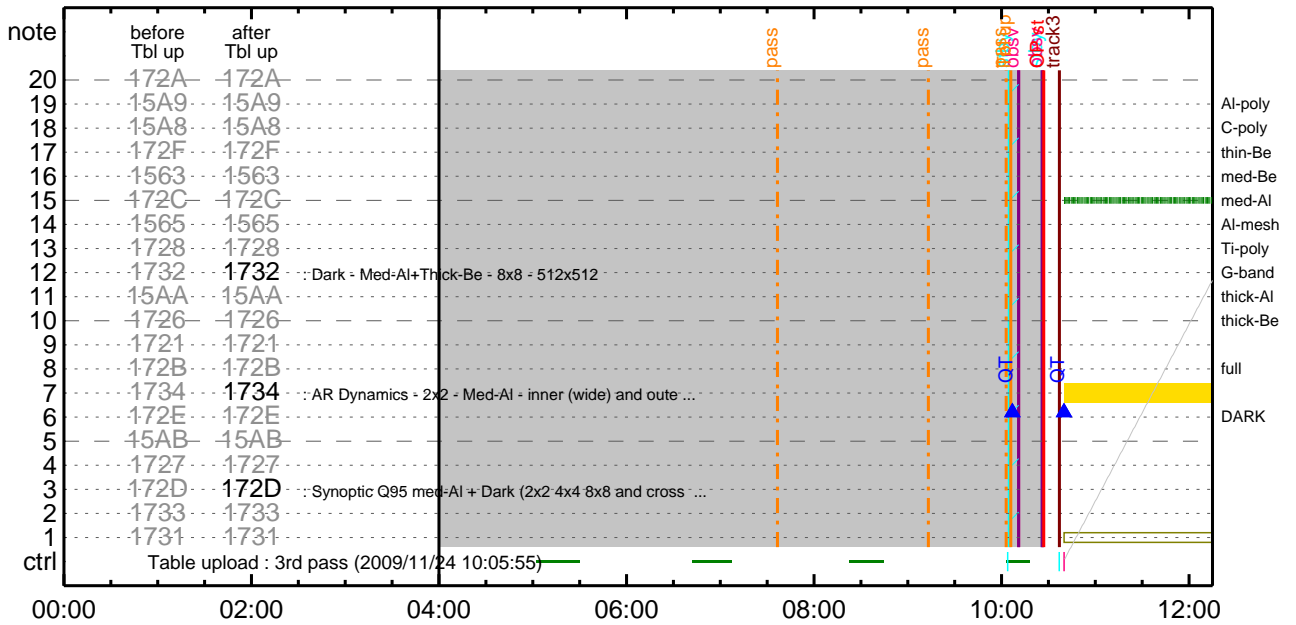
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Flare Detection

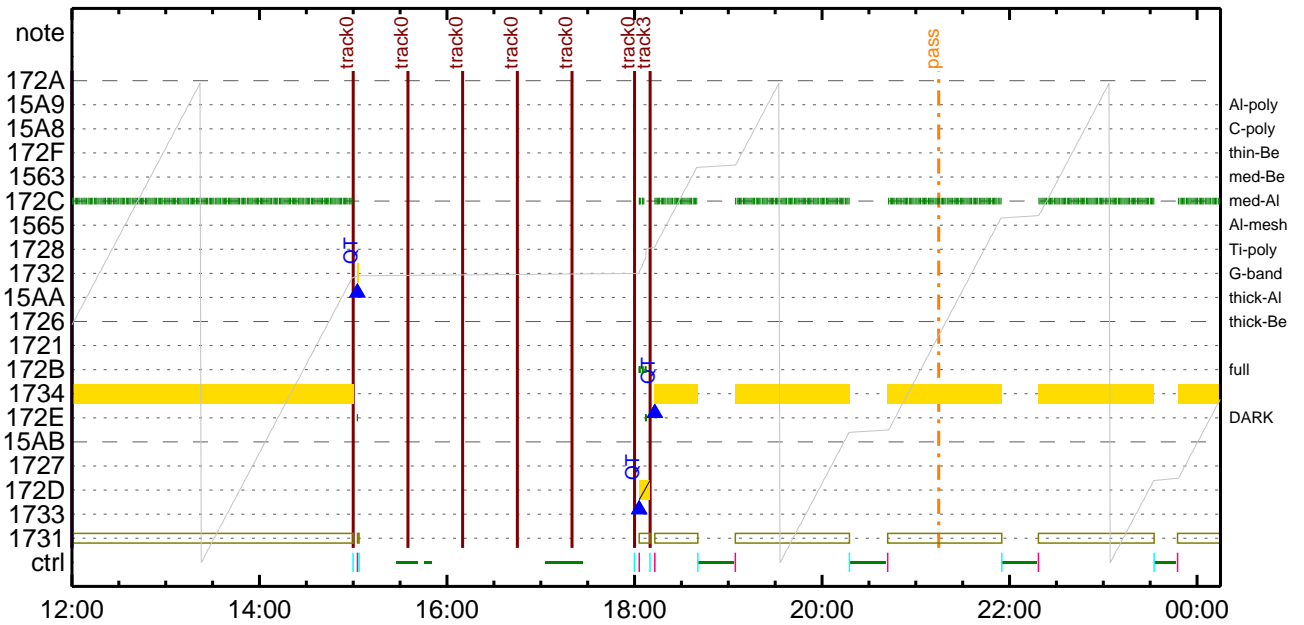
* * * * *

NOT USED

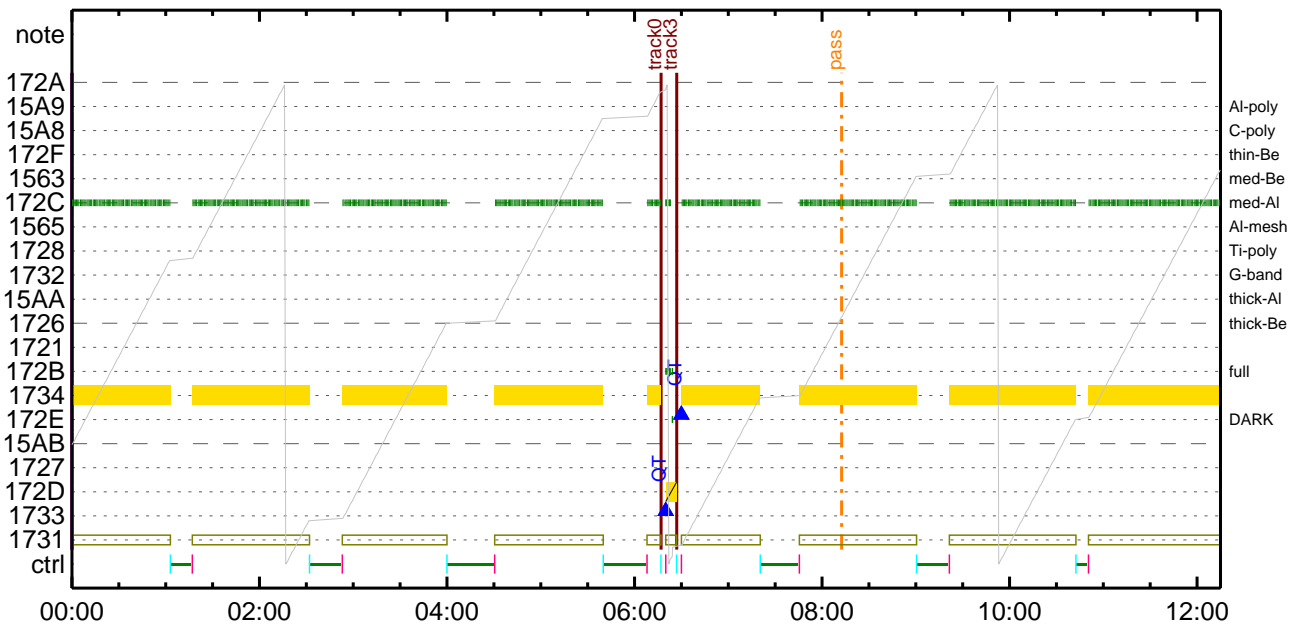
CMDI #0924 2009/11/24



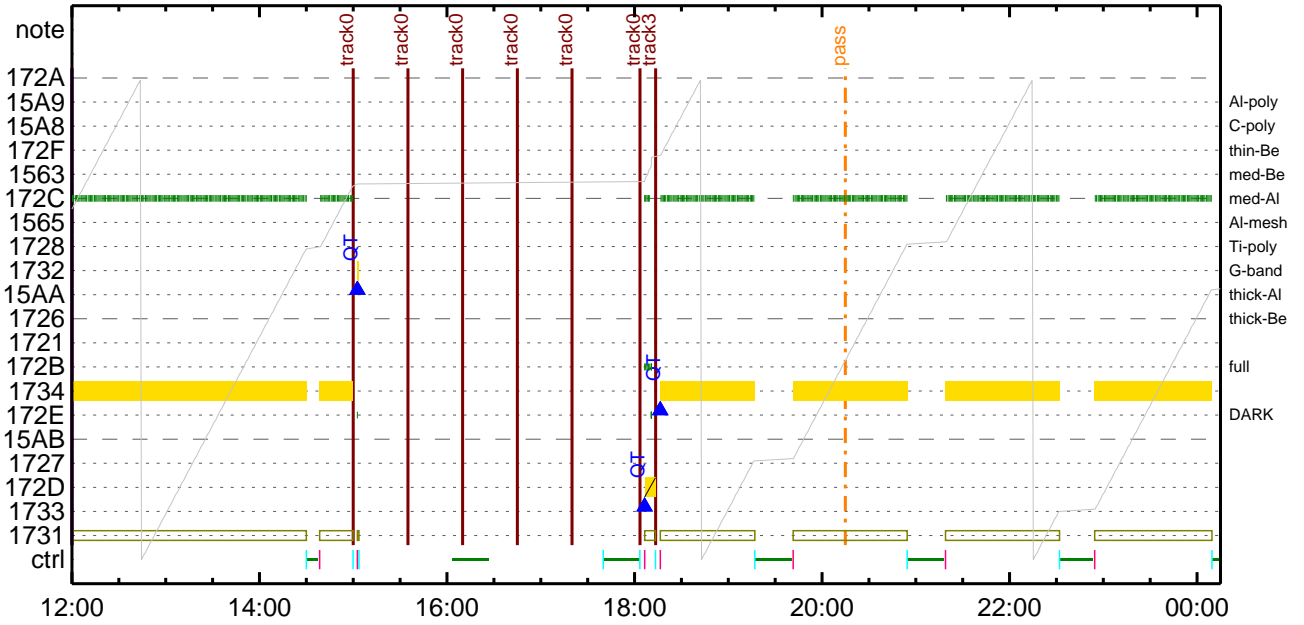
CMDI #0924 2009/11/24



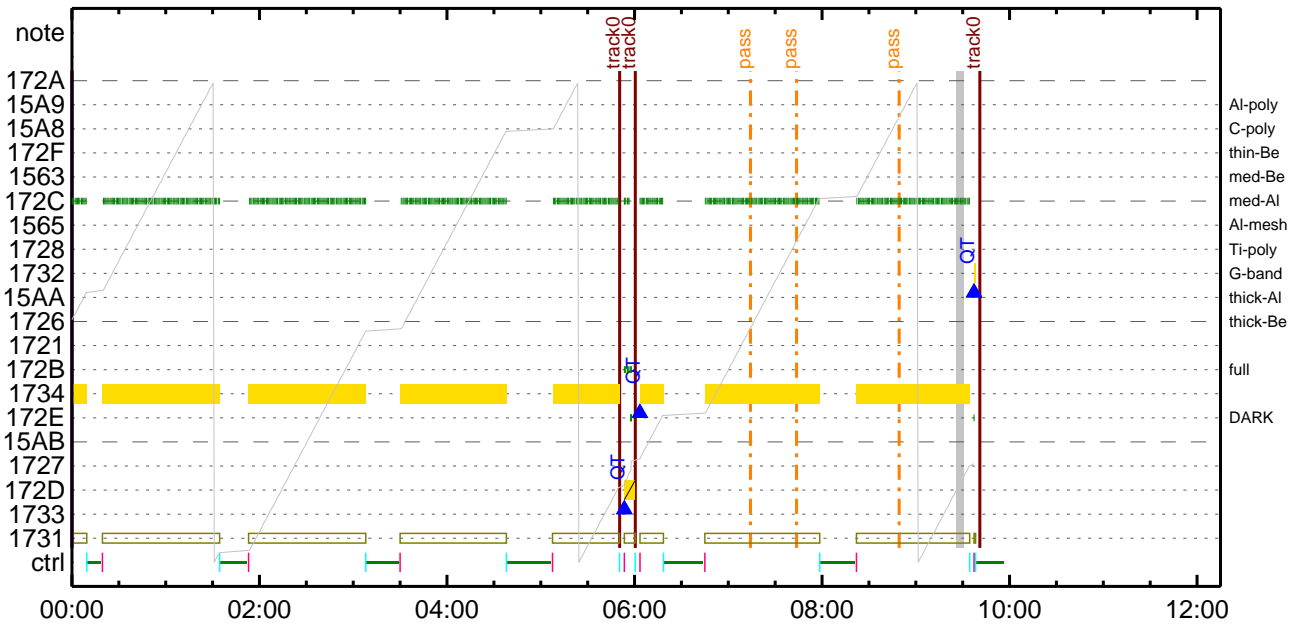
CMDI #0924 2009/11/25



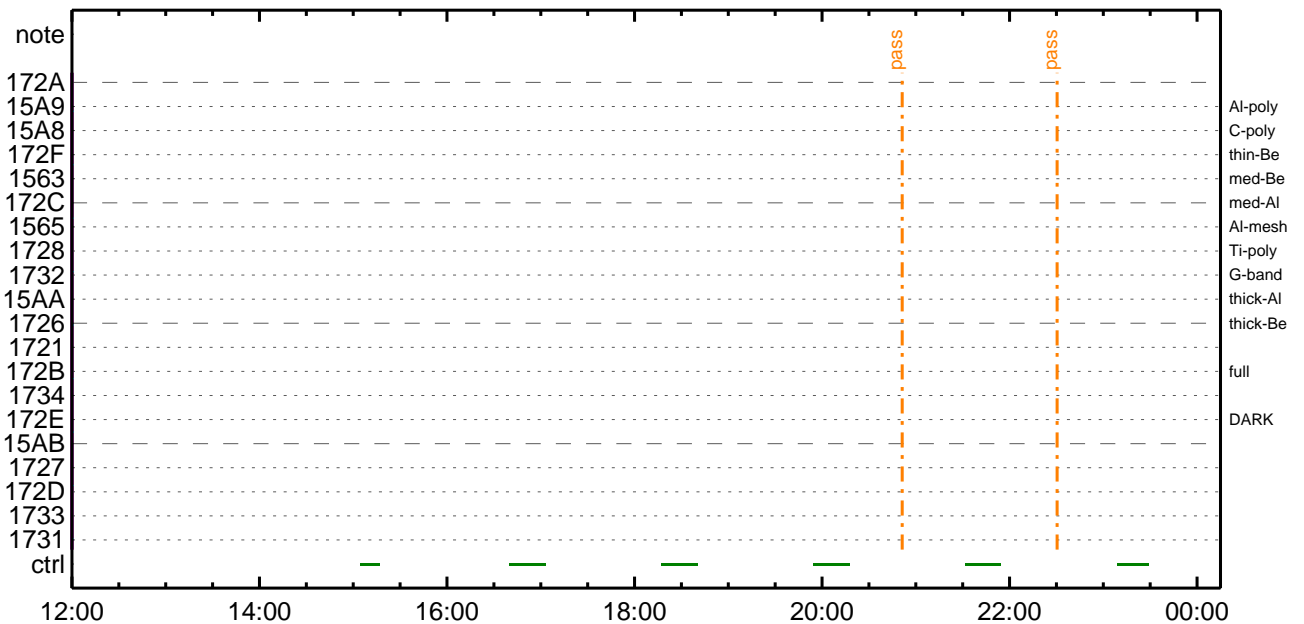
CMDI #0924 2009/11/25



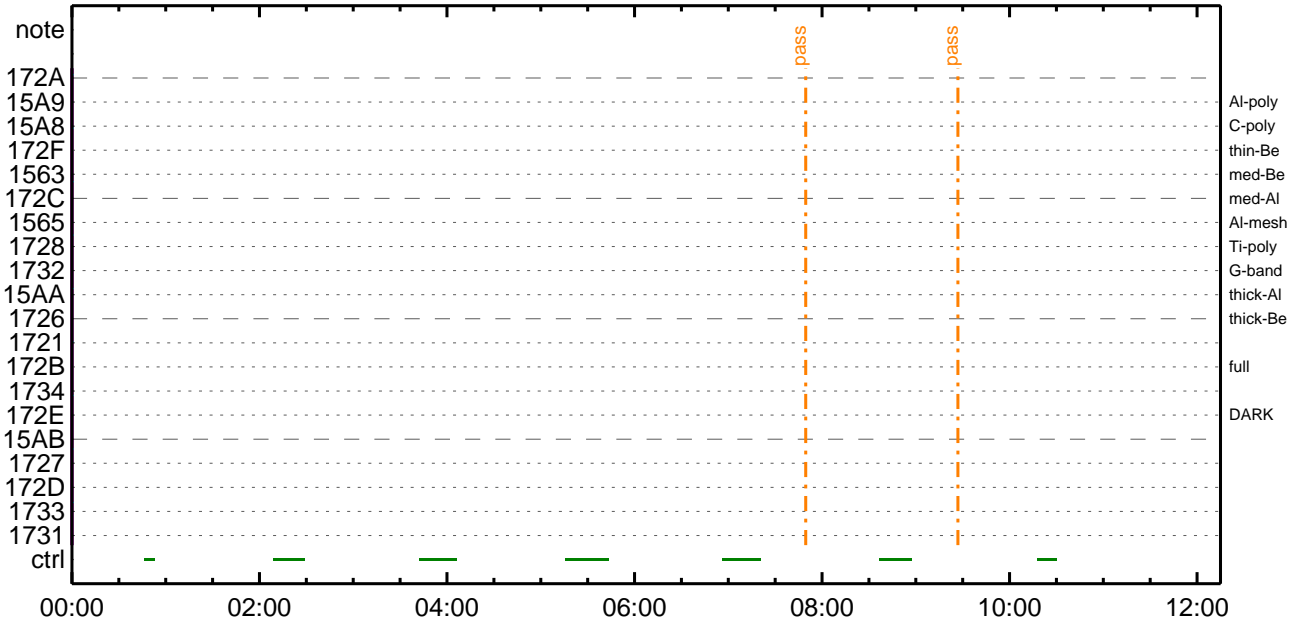
CMDI #0924 2009/11/26



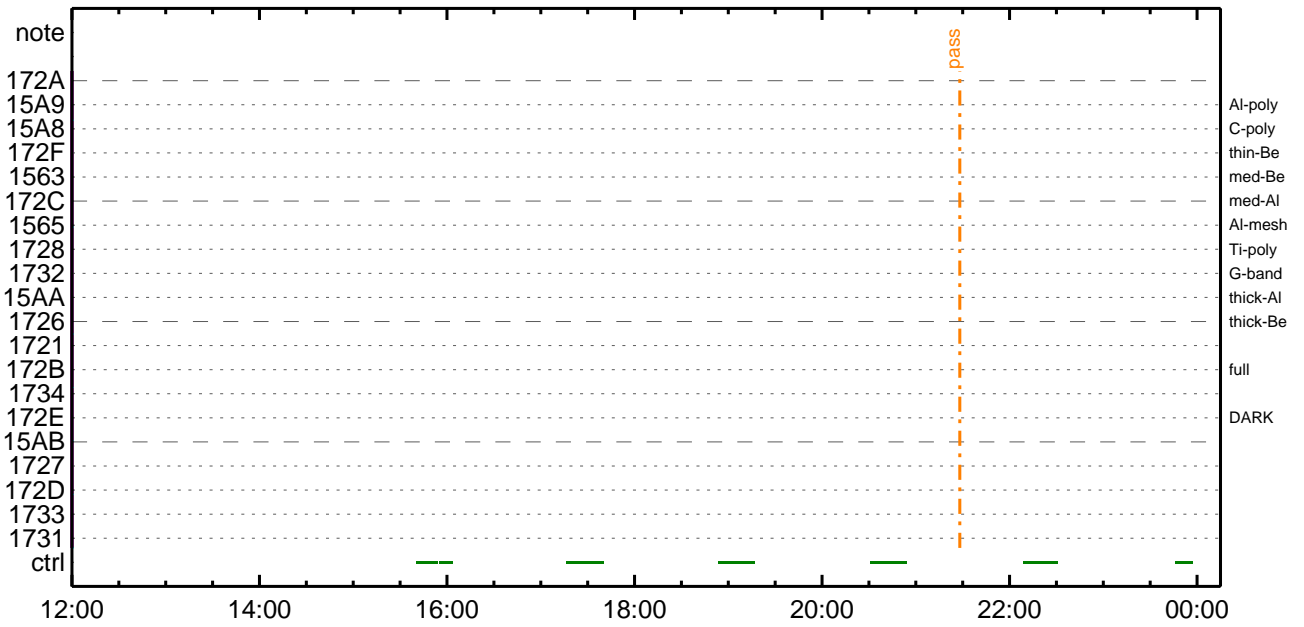
CMDI #0924 2009/11/26



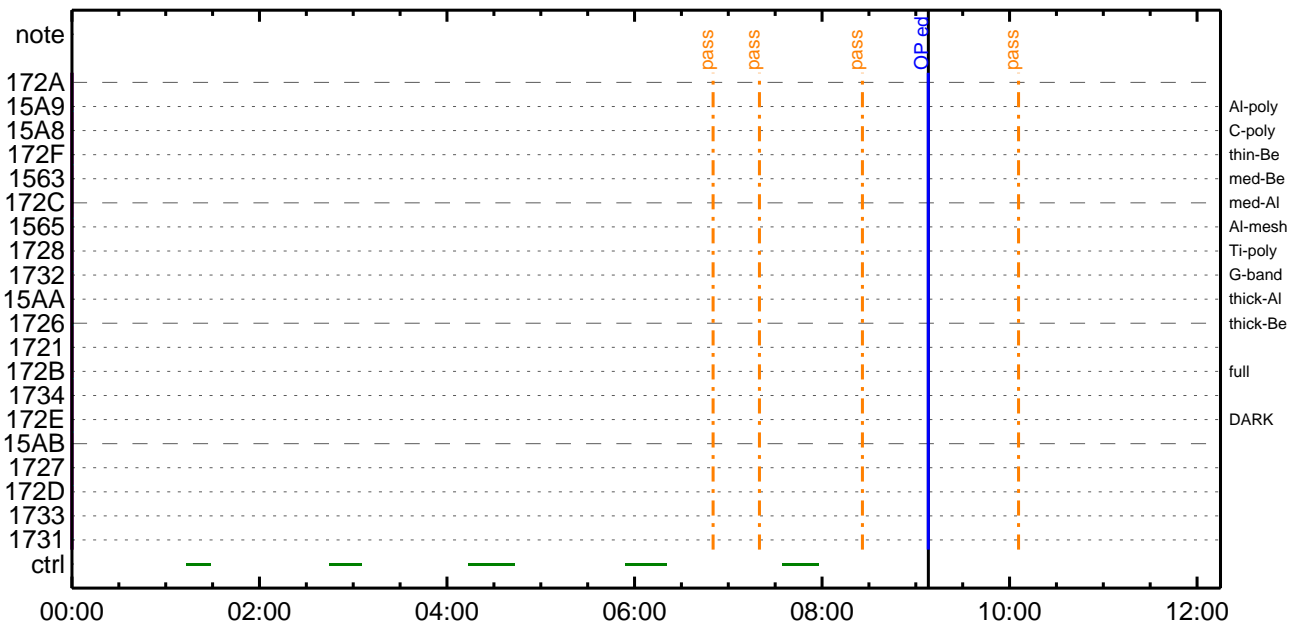
CMDI #0924 2009/11/27



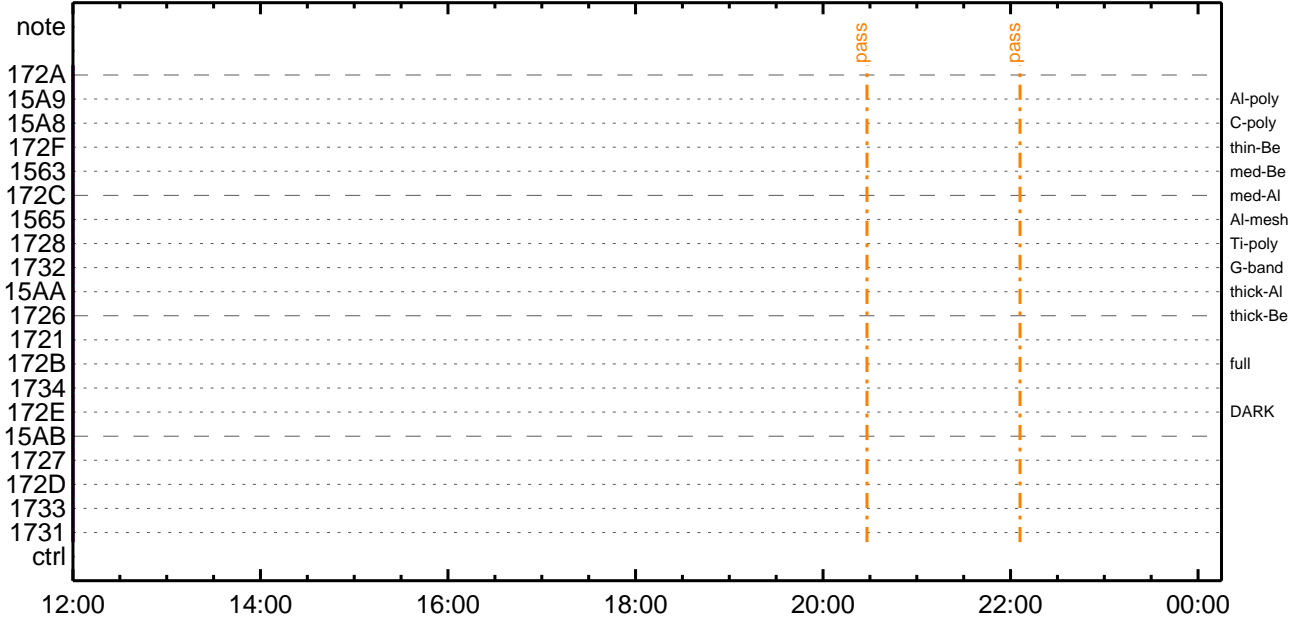
CMDI #0924 2009/11/27



CMDI #0924 2009/11/28



CMDI #0924 2009/11/28




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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-994:OP
0104 ( )
0105 S. OG og-994:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPfî°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=NMOG²î½E¹ç•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=NMOG²î½E¹ç•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=OP²î½E¹ç•è²îOKò³îÇ§
0165 C.
0166 C. ***** °E²¼òî½Ä´¶Á°òEÉ¬ò°Á÷¿@ (¼âµ-YAYOYx½ê½çòðÁÓÆòÇ¼ª°¬òE¼î¹çòçòâ) *****
0167 C. DHUYâ;4YE;E½Y½;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÷¿@NG²î½î¹ç;ç°E²¼òîTI-CMDÁ÷¿@²î½Á¹Ô²•²E²²²³òE;f
0180 C. ²²²¿;çSET²E²DUMP²îE±²îYÑY¹²ç¹Ô²|²³²E;f
0181 C.
0182 C. TIY³Y²Y³Y²E²òðÁDî¿(UT)
0183 +. TI 2009-11-24 10:22:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2009-11-24 10:22:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2009-11-24 10:22:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

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0194 C.
0195 +. TI 2009-11-24 10:26:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          €€[HK1_TI_CMD_NUM]                EQ      1COUNTUP
0198 C.
0199 C. °Ê²¼õïÄë%ííñõîŷÄŷ§ŷÄŷ¹àìŭ
0200 C.          €€[HK1_TI_CMD_ENA/DIS]             EQ      ENA
0201 C.          €€[HK1_TI_CMD_NUM]                 EQ      4
0202 C.          €€[HK1_NEXT_EXEC_PIM]              EQ      DHU
0203 C.          €€[HK1_NEXT_EXEC_DC]               EQ      0xB3
0204 C.
0205 C. *****
0206 C. Tíîŕ°ëŷÄŷÖŷ×
0207 C. *****
0208 C.
0209 C. TI_TBL(0x03AB00-0x03AEFF;$ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC      (03 ab 03 01 02)
0212 C.          €€[HK1_DMP_TOP_ADRS_1]            EQ      07
0213 C.          €€[HK1_DMP_TOP_ADRS_0]            EQ      2B
0214 C.          €€[HK1_DMP_BLOCK_NUM]              EQ      3
0215 C.          €€[HK1_DMP_REPEAT_NUM]             EQ      0
0216 C.          €€[HK1_DMA_DMP_PIM]                EQ      DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC      (07 0b f8)
0219 C.          €€[HK1_PKT_FORM_NO]                EQ      7
0220 C.          €€[HK1_PKT_GEN_TIME]               EQ      0.25 s
0221 C.          €€[HK1_S_TLM_BIT_RATE]             EQ      32k
0222 C.          €€[HK1_X_TLM_BIT_RATE]             EQ      4M
0223 C.          €€[HK1_DMP_CHK_FLG]                EQ      EXEC
0224 C.
0225 C. ŷÄŷÖŷ×½ªî»õ³îç§
0226 C.          €€[HK1_DMP_CHK_FLG]                EQ      NON
0227 C.
0228 C. RAM ID=TI_TBLõîŷÄŷ¹çªè²îõõ³îç§
0229 C.
0230 C. DHUŷä;¼ŷÉ;È¼ŷ½.ŷî;¼ŷË;Ëõõîãõ¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC      (02 0a f8)
0233 C.          €€[HK1_PKT_FORM_NO]                EQ      2
0234 C.          €€[HK1_PKT_GEN_TIME]               EQ      0.5S
0235 C.          €€[HK1_S_TLM_BIT_RATE]             EQ      32K
0236 C.          €€[HK1_X_TLM_BIT_RATE]             EQ      4M
0237 C.
0238 C.
0239 C. ***** XRT START *****
0240 C. Execute, after the success of OP upload.
0241 +. TI 2009-11-24 10:26:00.0
0242 DC 07-F0 MDP_XRT_MODE_STBY
0243 BC      (c3)
0244 C.          [   ] [HK1_TI_CMD_NUM]            EQ      1COUNTUP
0245 C.
0246 C. ***** XRT END *****
0247 C. Stop EIS observation and temporarily disable EIS mode changes
0248 C.
0249 C.
0250 C. ***** Start EIS operation (TI set) *****
0251 C. Execute, after the success of OP upload.
0252 C. Set EIS TI-commands
0253 +. TI 2009-11-24 10:26:30.0
0254 DC 07-FC EIS_MODE_MANU
0255 BC      (21 02)
0256 +. TI 2009-11-24 10:26:40.0
0257 DC 07-FC EIS_MODE_CHG_DIS
0258 BC      (22)
0259 C.          [   ] [HK1_TI_CMD_NUM]            EQ      2 COUNTUP
0260 C. ***** End EIS operation (TI set) *****
0261 C.
0262 C.
0263 C. *****
0264 C. SOT TI command set
0265 C. *****
0266 C. Execute, after the success of OP upload.
0267 +. TI 2009-11-24 10:26:16.0
0268 DC 07-F0 MDP_SOT_MODE_STBY
0269 BC      (41)
0270 C. -----
0271 C. HK1_TI_CMD_NUM = 1 CNTUP [   ]
0272 C. -----
0273 C. ***** SOT END *****
0274 C.
0275 C. ***** MDP `ûÃîñî»ö¼ŷõÈÄõ¹õéDCBC•x²è *****
0276 C. (¾ª°îŷÖŷÄŷËŷpŷËŷáŷçŷëõÈ¾õõ¾ª»Ûõ¹õè)
0277 C. S. DC-BC dcbc-402:DCBC
0278 C. (MDP_known_event)
0279 C.
0280 C.
0281 C. ***** ŷĐŷ¹•î Daily±çîñõÈ´õõ¹õéDCBC•x²è *****
0282 C. S. DC-BC dcbc-153:DCBC
0283 C. (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0284 C.
0285 C.
0286 C. ÿãLOŷÄŷ§ŷÄŷ¹¾ª»Û;ä
0287 C.
0288 C. ***** LOS *****
0289 C.
```


(a) Spacecraft Operation Procedure (real-commands)

```
main-996 2009-11-24 13:51:06 150 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èα¿αΑβ•μ°ΕÍ×ÁÇαíYçYÁY×Yí;¼YÉ;ÈÈè%μ•ííÉ;ÈβÈ¼°ÇÓα•α¿¼í¹çαÍ;çÀ®, ùα¹αèαβαÇÁ+¿®α•αÈααα³αÈ;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_CTRL_MANU
0018 BC (c1)
0019 + DC 07-F0 MDP_XRT_MODE_STBY
0020 BC (c3)
0021 . C. ----- Success Verify ? OK / NG____
0022 C.
0023 C. XRT Obs. Table Upload
0024 . S. RAM ram-291:MDP_OBS_X
0025 ( )
0026 C.
0027 +. DC 07-F0 MDP_DUMP_XRTTBL
0028 BC (84 07 00 00 00 3a d4)
0029 . C. ----- Comparison Check ? OK / ERR ____
0030 C.
0031 C.
0032 +. DC 07-F0 MDP_XRT_ROI_SET
0033 BC (cd 01 b1 b1 04 04)
0034 + DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 02 b1 b1 08 08)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 03 b1 b1 08 08)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 04 b1 b1 06 06)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 06 80 80 10 08)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 07 80 80 10 10)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 08 80 80 08 08)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 09 80 80 20 20)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 0a 80 80 20 08)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0b 80 80 08 20)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0f 80 80 06 06)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 10 80 80 04 04)
0056 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0057 BC (c4 07)
0058 +. DC 07-F0 MDP_XRT_ARS_DIS
0059 BC (d5)
0060 +. DC 07-F0 MDP_XRT_FLD_DIS
0061 BC (d9)
0062 +. DC 07-F0 MDP_XRT_FLRCTRL_DIS
0063 BC (c9)
0064 + DC 07-F0 MDP_XRT_AEC_RESET
0065 BC (d0)
0066 . C. ----- Success Verify ? OK / NG ____
0067 C.
0068 C.
0069 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0070 C.
0071 +. DC 07-F0 MDP_XRT_MODE_OBSV
0072 BC (c2)
0073 +. TI 2009-11-24 10:26:02.0
0074 DC 07-F0 MDP_XRT_MODE_OBSV
0075 BC (c2)
0076 . C. ----- Success Verify ? OK / NG ____
0077 C.
0078 C. ***** XRT END *****
0079 . C. *****
0080 C. SOT table upload
0081 C. *****
0082 . C. < Stop FG table >
0083 +. DC 07-F0 MDP_FG_CTRL_MANU
0084 BC (51)
0085 . C. -----
0086 C. MDP_FG_CTRL_MODE = MANU [ ]
0087 C. -----
0088 C.
0089 . C. <Upload FG Observation Table>
0090 . S. RAM ram-265:MDP_OBS_F
0091 ( )
0092 C.
0093 . C. < Dump RAMID=MDP_OBS_F >
0094 +. DC 07-F0 MDP_DUMP_FGTBL
0095 BC (82 07 00 00 00 38 b8)
```

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0096 C. -----
0097 C. MDP_OBS_F verify = OK/NG [ ]
0098 C. -----
0099 C.
0100 . C. < Upload DPL table >
0101 C.
0102 C. ¥ç¥Ã¥×¥í;¼¥É°îÁ°¤ESTS_CHK¤ðOFF¤È¤¹¤è
0103 C.
0104 . S. RAM ram-271:MDP_DPL
0105 ( )
0106 C.
0107 . C. < Dump RAMID=MDP_DPL >
0108 +. DC 07-F0 MDP_DUMP_FGTBL
0109 BC (82 07 00 38 b8 00 40)
0110 C. -----
0111 C. MDP_DPL verify = OK [ ]
0112 C. -----
0113 C.
0114 C. STS_CHK¤ðON¤È¤¹¤è
0115 C.
0116 . C. < Update MDP DSC PAR1 >
0117 +. DC 07-F0 MDP_DSC_PAR1_UPDATE
0118 BC (4c)
0119 C. MDP_CMD_CODE = F04C0700[ ]
0120 C. MDP_CMD_CNT (count-up 1) [ ]
0121 C. -----
0122 C.
0123 . C.
0124 C. *****
0125 C. SOT TI command set
0126 C. *****
0127 C. Execute, after the success of TBL upload.
0128 +. TI 2009-11-24 10:26:18.0
0129 DC 07-F0 MDP_SOT_MODE_OBSV
0130 BC (40)
0131 . C. -----
0132 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0133 C. -----
0134 C.
0135 C.
0136 . C. ***** MDP `ûÃîî»ò¼¥¤È¤¹¤èDCBC•x²è *****
0137 C. (¼á°î¥Ö¥Ã¥È¥Þ¥È¥á¥ç¥è¤È¼¤¤¼¤¤»Û¤¹¤è)
0138 . S. DC-BC dcbc-402:DCBC
0139 (MDP_known_event)
0140 C.
0141 C.
0142 . C. ***** ¥Ð¥¹•İ Daily±;îÑ¤È`Ø¤¹¤èDCBC•x²è *****
0143 . S. DC-BC dcbc-153:DCBC
0144 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0145 C.
0146 C.
0147 . C. ;ãLOS¥Á¥S¥Ã¥`¼¤¤»Û;ã
0148 C.
0149 . C. ***** LOS *****
0150 C.

```

*** OP Sequence for XRT ***

2009/11/24	10:36:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/24	10:36:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/11/24	10:37:00.0	AOCS_Orе-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2009/11/24	10:37:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/11/24	10:37:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/11/24	10:37:20.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/11/24	10:39:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2009/11/24	10:40:00.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/24	14:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/24	14:59:56.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/11/24	14:59:58.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/11/24	15:00:00.0	AOCS_Orе-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 54 e5 00 e5				
2009/11/24	15:00:01.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/11/24	15:02:39.0	XRT_QT_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2009/11/24	15:02:41.0	XRT_CTRL_AUTO_447_OG [0x1bf]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/24	15:03:41.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/24	15:35:00.0	AOCS_Orе-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 4e 7e e0 b5				
2009/11/24	16:10:00.0	AOCS_Orе-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 3c 41 c5 82				
2009/11/24	16:45:00.0	AOCS_Orе-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00 00 e5 ac e6				
2009/11/24	17:20:00.0	AOCS_Orе-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00 ac e6 00 e5				
2009/11/24	17:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/24	17:59:56.0	XRT_FOCUS_POSITION_408_OG [0x198]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/11/24	18:00:00.0	AOCS_Orе-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/11/24	18:00:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/11/24	18:00:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/11/24	18:00:20.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/11/24	18:02:58.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2009/11/24	18:03:00.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/24	18:09:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/24	18:09:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/11/24	18:10:00.0	AOCS_Orе-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2009/11/24	18:10:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/11/24	18:10:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/11/24	18:10:20.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/11/24	18:12:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2009/11/24	18:13:00.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/24	18:40:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/24	19:03:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/24	19:04:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/24	20:17:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/24	20:41:00.0	XRT_Custom_420_OG [0x1a4]							
2009/11/24	20:42:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/24	21:55:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/24	22:17:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/24	22:18:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/24	23:32:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/24	23:46:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/24	23:47:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							

Nov 24, 09 13:51

XRT_OGLIST_0924.chk

Page 2/4

2009/11/25	01:03:00.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/25	01:16:00.0	XRT_Custom_420_OG [0x1a4]				
2009/11/25	01:17:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/25	02:32:00.0	XRT_CTRL_MANU_419_OG [0x1a3]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/25	02:52:00.0	XRT_Custom_420_OG [0x1a4]				
2009/11/25	02:53:00.5	XRT_CTRL_AUTO_416_OG [0x1a0]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/25	04:00:00.0	XRT_CTRL_MANU_419_OG [0x1a3]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/25	04:29:30.0	XRT_Custom_420_OG [0x1a4]				
2009/11/25	04:30:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/25	05:40:00.0	XRT_CTRL_MANU_419_OG [0x1a3]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/25	06:07:00.0	XRT_Custom_420_OG [0x1a4]				
2009/11/25	06:08:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/25	06:16:54.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/25	06:16:56.0	XRT_FOCUS_POSITION_408_OG [0x198]				
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2009/11/25	06:17:00.0	AOCS_ORe-point_Start_7_OG [0x09d]				
			AOCU_NM	5	02-76	00 00 00 00 00
2009/11/25	06:17:16.0	XRT_FLD_DIS_409_OG [0x199]				
			MDP_XRT_FLD_DIS	1	07-F0	d9
2009/11/25	06:17:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]				
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/11/25	06:17:20.0	XRT_ARS_DIS_411_OG [0x19b]				
			MDP_XRT_ARS_DIS	1	07-F0	d5
2009/11/25	06:19:58.0	XRT_QT_PROG_SET_414_OG [0x19e]				
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2009/11/25	06:20:00.0	XRT_CTRL_AUTO_407_OG [0x197]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/25	06:26:54.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/25	06:26:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]				
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/11/25	06:27:00.0	AOCS_ORe-point_Start_1_OG [0x097]				
			AOCU_NM	5	02-76	03 00 00 00 00
2009/11/25	06:27:16.0	XRT_FLD_DIS_409_OG [0x199]				
			MDP_XRT_FLD_DIS	1	07-F0	d9
2009/11/25	06:27:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]				
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/11/25	06:27:20.0	XRT_ARS_DIS_411_OG [0x19b]				
			MDP_XRT_ARS_DIS	1	07-F0	d5
2009/11/25	06:29:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]				
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2009/11/25	06:30:00.0	XRT_CTRL_AUTO_407_OG [0x197]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/25	07:20:30.5	XRT_CTRL_MANU_419_OG [0x1a3]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/25	07:44:30.0	XRT_Custom_420_OG [0x1a4]				
2009/11/25	07:45:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/25	09:00:30.0	XRT_CTRL_MANU_419_OG [0x1a3]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/25	09:20:30.0	XRT_Custom_420_OG [0x1a4]				
2009/11/25	09:21:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/25	10:42:30.0	XRT_CTRL_MANU_419_OG [0x1a3]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/25	10:49:30.0	XRT_Custom_420_OG [0x1a4]				
2009/11/25	10:50:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/25	14:30:00.0	XRT_CTRL_MANU_419_OG [0x1a3]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/25	14:37:30.0	XRT_Custom_420_OG [0x1a4]				
2009/11/25	14:38:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/25	14:59:54.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/25	14:59:56.0	XRT_FLD_DIS_409_OG [0x199]				
			MDP_XRT_FLD_DIS	1	07-F0	d9
2009/11/25	14:59:58.0	XRT_FLRCTRL_DIS_410_OG [0x19a]				
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/11/25	15:00:00.0	AOCS_ORe-point_Start_6_OG [0x09c]				
			AOCU_NM	5	02-76	00 ac e6 00 e5
2009/11/25	15:00:00.5	XRT_ARS_DIS_411_OG [0x19b]				
			MDP_XRT_ARS_DIS	1	07-F0	d5
2009/11/25	15:02:38.5	XRT_QT_PROG_SET_440_OG [0x1b8]				
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2009/11/25	15:02:40.5	XRT_CTRL_AUTO_447_OG [0x1bf]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/25	15:03:40.5	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/25	15:35:00.0	AOCS_ORe-point_Start_5_OG [0x09b]				
			AOCU_NM	5	02-76	00 00 e5 ac e6
2009/11/25	16:10:00.0	AOCS_ORe-point_Start_4_OG [0x09a]				
			AOCU_NM	5	02-76	00 3c 41 c5 82

Nov 24, 09 13:51

XRT_OGLIST_0924.chk

Page 3/4

2009/11/25	16:45:00.0	AOCS_ORe-point_Start_3_OG [0x099] AOCU_NM	5	02-76	00	4e	7e	e0	b5
2009/11/25	17:20:00.0	AOCS_ORe-point_Start_2_OG [0x098] AOCU_NM	5	02-76	00	54	e5	00	e5
2009/11/25	17:40:00.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/11/25	18:03:24.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/11/25	18:03:26.0	XRT_FOCUS_POSITION_408_OG [0x198] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2009/11/25	18:03:30.0	AOCS_ORe-point_Start_7_OG [0x09d] AOCU_NM	5	02-76	00	00	00	00	00
2009/11/25	18:03:46.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0		d9			
2009/11/25	18:03:48.0	XRT_FLRCTRL_DIS_410_OG [0x19a] MDP_XRT_FLRCTRL_DIS	1	07-F0		c9			
2009/11/25	18:03:50.0	XRT_ARS_DIS_411_OG [0x19b] MDP_XRT_ARS_DIS	1	07-F0		d5			
2009/11/25	18:06:28.0	XRT_QT_PROG_SET_414_OG [0x19e] MDP_XRT_QT_PROG_SET	2	07-F0		c4	03		
2009/11/25	18:06:30.0	XRT_CTRL_AUTO_407_OG [0x197] MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2009/11/25	18:13:24.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/11/25	18:13:26.0	XRT_FOCUS_POSITION_413_OG [0x19d] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/11/25	18:13:30.0	AOCS_ORe-point_Start_1_OG [0x097] AOCU_NM	5	02-76	03	00	00	00	00
2009/11/25	18:13:46.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0		d9			
2009/11/25	18:13:48.0	XRT_FLRCTRL_DIS_410_OG [0x19a] MDP_XRT_FLRCTRL_DIS	1	07-F0		c9			
2009/11/25	18:13:50.0	XRT_ARS_DIS_411_OG [0x19b] MDP_XRT_ARS_DIS	1	07-F0		d5			
2009/11/25	18:16:28.0	XRT_QT_PROG_SET_421_OG [0x1a5] MDP_XRT_QT_PROG_SET	2	07-F0		c4	07		
2009/11/25	18:16:30.0	XRT_CTRL_AUTO_407_OG [0x197] MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2009/11/25	19:17:00.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/11/25	19:40:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/25	19:41:30.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2009/11/25	20:54:30.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/11/25	21:18:00.0	XRT_Custom_420_OG [0x1a4]							
2009/11/25	21:19:00.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2009/11/25	22:32:00.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/11/25	22:53:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/25	22:54:30.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2009/11/26	00:09:30.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/11/26	00:18:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/26	00:19:30.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2009/11/26	01:34:30.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/11/26	01:52:00.0	XRT_Custom_420_OG [0x1a4]							
2009/11/26	01:53:00.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2009/11/26	03:08:00.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/11/26	03:29:00.0	XRT_Custom_420_OG [0x1a4]							
2009/11/26	03:30:00.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2009/11/26	04:38:00.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/11/26	05:06:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/26	05:07:30.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2009/11/26	05:50:24.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/11/26	05:50:26.0	XRT_FOCUS_POSITION_408_OG [0x198] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2009/11/26	05:50:30.0	AOCS_ORe-point_Start_7_OG [0x09d] AOCU_NM	5	02-76	00	00	00	00	00
2009/11/26	05:50:46.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0		d9			
2009/11/26	05:50:48.0	XRT_FLRCTRL_DIS_410_OG [0x19a] MDP_XRT_FLRCTRL_DIS	1	07-F0		c9			
2009/11/26	05:50:50.0	XRT_ARS_DIS_411_OG [0x19b] MDP_XRT_ARS_DIS	1	07-F0		d5			
2009/11/26	05:53:28.0	XRT_QT_PROG_SET_414_OG [0x19e] MDP_XRT_QT_PROG_SET	2	07-F0		c4	03		
2009/11/26	05:53:30.0	XRT_CTRL_AUTO_407_OG [0x197] MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2009/11/26	06:00:24.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/11/26	06:00:26.0	XRT_FOCUS_POSITION_413_OG [0x19d] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	

Nov 24, 09 13:51

XRT_OGLIST_0924.chk

Page 4/4

2009/11/26	06:00:30.0	AOCS_ORe-point_Start_8_OG [0x09e] AOCU_NM	5	02-76 00 eb 54 ae b9
2009/11/26	06:00:46.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0 d9
2009/11/26	06:00:48.0	XRT_FLRCTRL_DIS_410_OG [0x19a] MDP_XRT_FLRCTRL_DIS	1	07-F0 c9
2009/11/26	06:00:50.0	XRT_ARS_DIS_411_OG [0x19b] MDP_XRT_ARS_DIS	1	07-F0 d5
2009/11/26	06:03:28.0	XRT_QT_PROG_SET_421_OG [0x1a5] MDP_XRT_QT_PROG_SET	2	07-F0 c4 07
2009/11/26	06:03:30.0	XRT_CTRL_AUTO_407_OG [0x197] MDP_XRT_CTRL_AUTO	1	07-F0 c0
2009/11/26	06:18:30.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0 c1
2009/11/26	06:44:00.0	XRT_Custom_420_OG [0x1a4]		
2009/11/26	06:45:00.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0 c0
2009/11/26	07:58:30.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0 c1
2009/11/26	08:21:00.0	XRT_Custom_420_OG [0x1a4]		
2009/11/26	08:22:00.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0 c0
2009/11/26	09:34:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0 c1
2009/11/26	09:34:32.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0 d9
2009/11/26	09:34:34.0	XRT_FLRCTRL_DIS_410_OG [0x19a] MDP_XRT_FLRCTRL_DIS	1	07-F0 c9
2009/11/26	09:34:36.0	XRT_ARS_DIS_411_OG [0x19b] MDP_XRT_ARS_DIS	1	07-F0 d5
2009/11/26	09:37:14.0	XRT_QT_PROG_SET_440_OG [0x1b8] MDP_XRT_QT_PROG_SET	2	07-F0 c4 0c
2009/11/26	09:37:16.0	XRT_CTRL_AUTO_447_OG [0x1bf] MDP_XRT_CTRL_AUTO	1	07-F0 c0
2009/11/26	09:38:16.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0 c1
2009/11/26	09:41:00.0	AOCS_ORe-point_Start_7_OG [0x09d] AOCU_NM	5	02-76 00 00 00 00 00