

XRT Timeline to be uploaded on 2009/02/19

Period: 2009/02/19 10:05:00 - 2009/02/24 11:02:00

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Normal mode

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XOB #15E7: HOP81 - Al/poly, G-band - 16s - 384x384												
Term		Pointing (x, y)				Comment						
02/19 10:15:26 - 02/19 15:59:54		Fixed (0.0, 938.0)				# OP start + 10min, HOP 81, polar monitoring campaign, N pole.						
02/20 10:03:56 - 02/20 15:59:54		Fixed (0.0, -952.0)				* HOP 81, polar monitoring campaign, S pole.						
PROG= 19 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= 99 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												

XOB #1659: AR Dynamics - thin-Be and Med-Be - 256x256 - 30s cadence												
Term		Pointing (x, y)				Comment						
02/19 16:03:00 - 02/19 17:47:30		Track (622.9, 1.1) @ 02/19 16:00:00				* Track AR 11012						
02/20 06:11:00 - 02/20 09:46:00		Track (718.2, -9.9) @ 02/20 06:08:00				# Cont.						
02/20 16:03:00 - 02/20 17:59:54		Track (776.7, -18.5) @ 02/20 16:00:00				* Track AR 11012.						
02/21 06:14:00 - 02/21 10:23:54		Track (848.2, -32.1) @ 02/21 06:11:00				# Cont.						
PROG= 07 Inf.-time(s) └─ Subr= 1 1-time(s) 2.0sec └─ Seqn= 67 10-time(s) 30.0sec └─ thin-Be/Open med-Be/Open close Safe Norm 1.00s Obs 1x1 256x256 (1024, 1024) Q=95 1 0 2.0sec med-Be/Open Open/thick-Al close Safe Norm 4.00s Obs 1x1 256x256 (1024, 1024) Q=95 1 0 2.0sec Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

XOB #165A: Synoptic Q95 2x2 - Al/poly(362/2048) + Dark cal(256 Q98) + Ti-poly(512/4096) + G-band(16)												
Term		Pointing (x, y)				Comment						
02/19 18:14:30 - 02/19 18:21:24		Fixed (0.0, 0.0)				synoptic, shifted 11.5 min						
02/20 18:03:00 - 02/20 18:09:54		Fixed (0.0, 0.0)				synoptic						
PROG= 13 1-time(s) └─ Subr= 1 1-time(s) 12.0sec └─ Seqn= 37 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/Open close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec └─ Seqn= 49 1-time(s) 2.0sec └─ Al-poly/Open Al-poly/Open close Safe Dark 250ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec └─ Seqn= 89 1-time(s) 4.0sec └─ Open/Ti-poly Open/Ti-poly close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec Open/Ti-poly Open/Ti-poly close Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 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 #1654: AR Dynamics/ CME watch - thin Be 256x256 - 30s cadence												
Term		Pointing (x, y)				Comment						
02/19 18:24:30 - 02/20 05:57:54		Track (639.7, -0.6) @ 02/19 18:21:30				# Cont.						
02/20 18:13:00 - 02/21 06:00:54		Track (788.6, -20.5) @ 02/20 18:10:00				# Cont.						
PROG= 05 Inf.-time(s) └─ Subr= 1 1-time(s) 2.0sec └─ Seqn= 83 6-time(s) 30.0sec └─ thin-Be/Open med-Be/Open close Safe Norm 1.00s Obs 1x1 256x256 (1024, 1024) Q=90 1 0 2.0sec └─ Seqn= 84 1-time(s) 10.0sec └─ thin-Be/Open med-Be/Open close Safe Norm 5.66s Obs 2x2 1024x1024 (1024, 1024) Q=95 2 0 2.0sec Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

XOB #165B: Synoptic Q95 2x2 - Al/mesh(256/2048) + Dark cal(256 Q98) + Ti-poly(512/4096) + G-band(16)												
Term		Pointing (x, y)				Comment						
02/20 06:01:00 - 02/20 06:07:54		Fixed (0.0, 0.0)				synoptic, shifted -2.0 min						
02/21 06:04:00 - 02/21 06:10:54		Fixed (0.0, 0.0)				synoptic, shifted 1.0 min						
PROG= 14 1-time(s) └─ Subr= 1 1-time(s) 12.0sec └─ Seqn= 68 1-time(s) 4.0sec └─ Open/Al-mesh Open/Al-mesh close Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec Open/Al-mesh Open/Al-mesh close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec └─ Seqn= 50 1-time(s) 2.0sec └─ Open/Al-mesh Open/Al-mesh close Safe Dark 250ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec └─ Seqn= 89 1-time(s) 4.0sec └─ Open/Ti-poly Open/Ti-poly close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec Open/Ti-poly Open/Ti-poly close Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 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	

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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

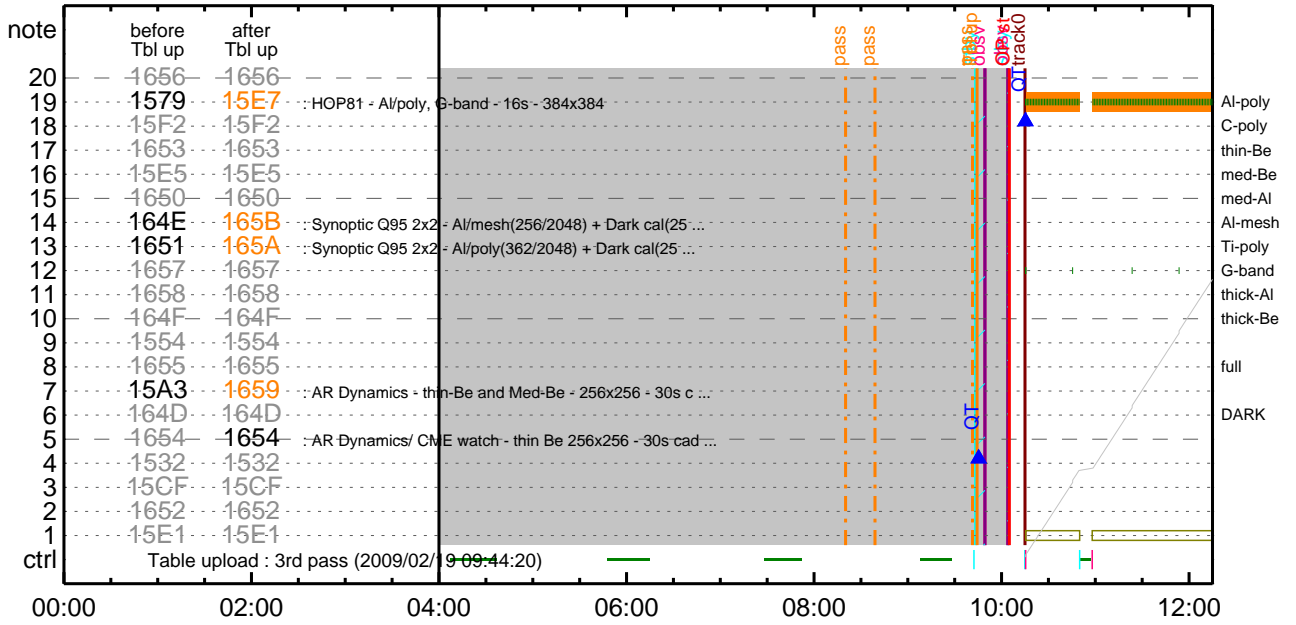
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Flare Detection

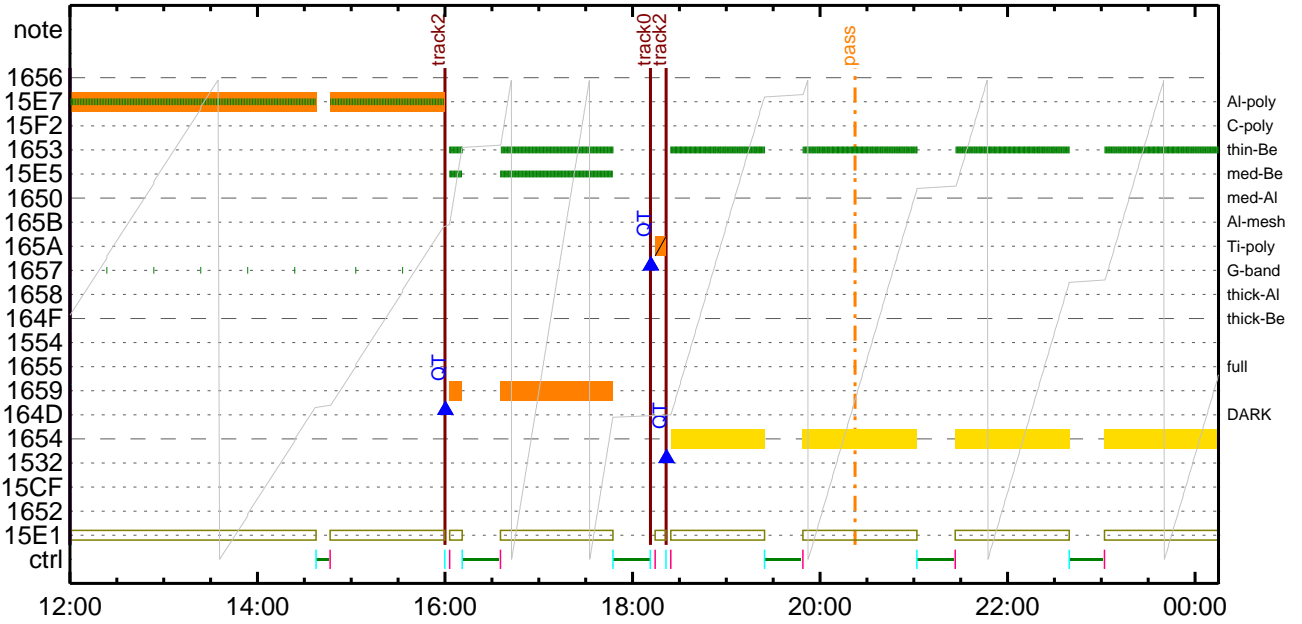
* * * * *

NOT USED

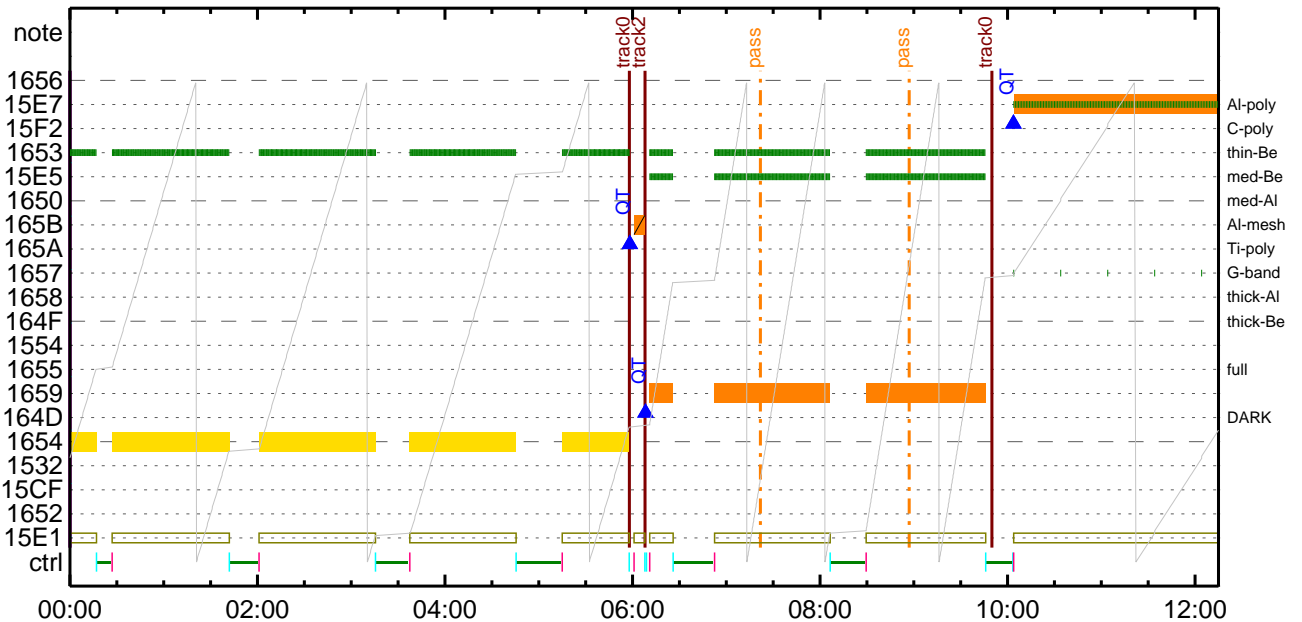
CMDI #0414 2009/02/19



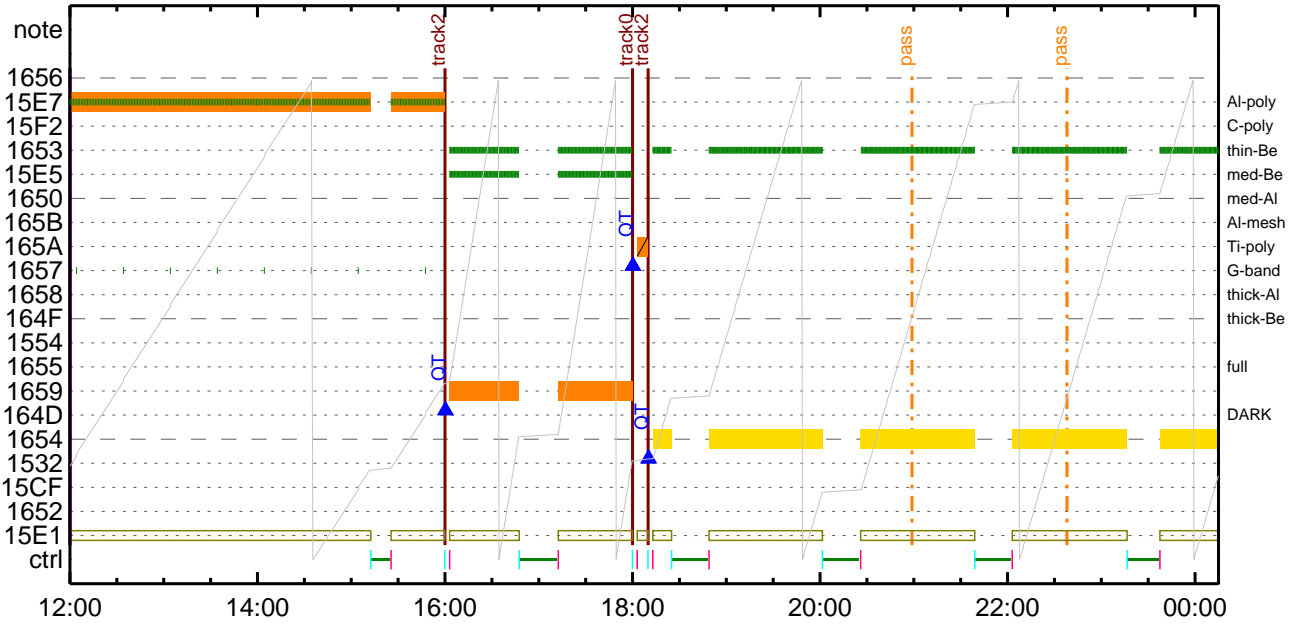
CMDI #0414 2009/02/19



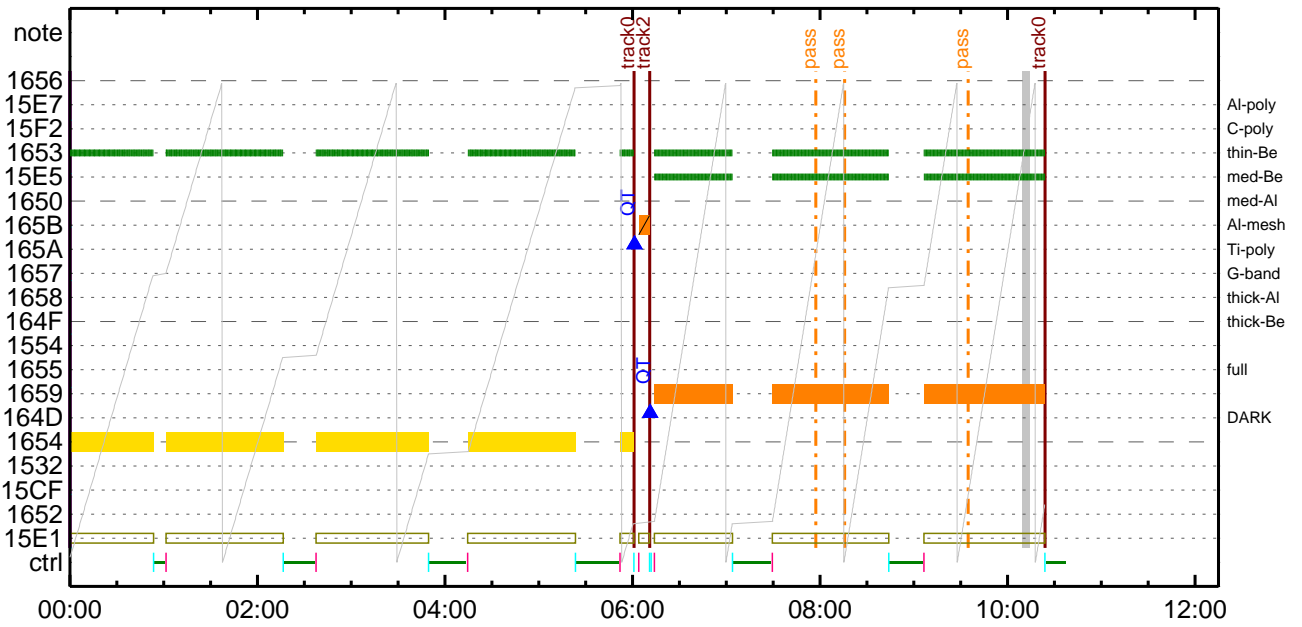
CMDI #0414 2009/02/20



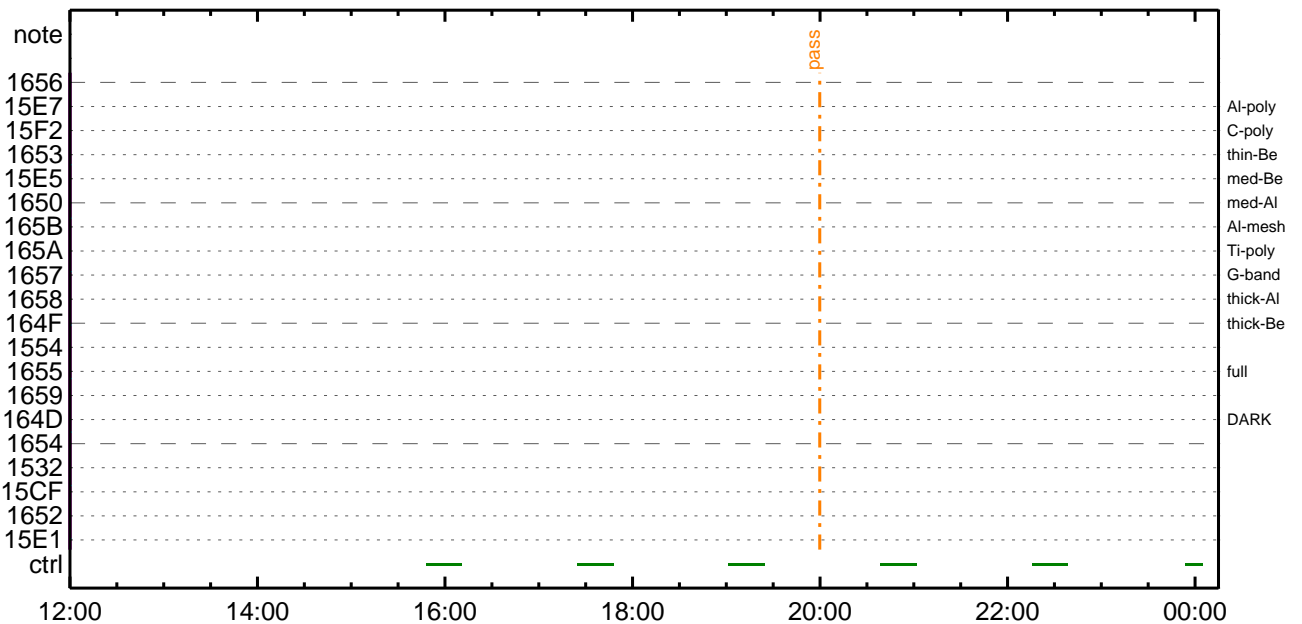
CMDI #0414 2009/02/20



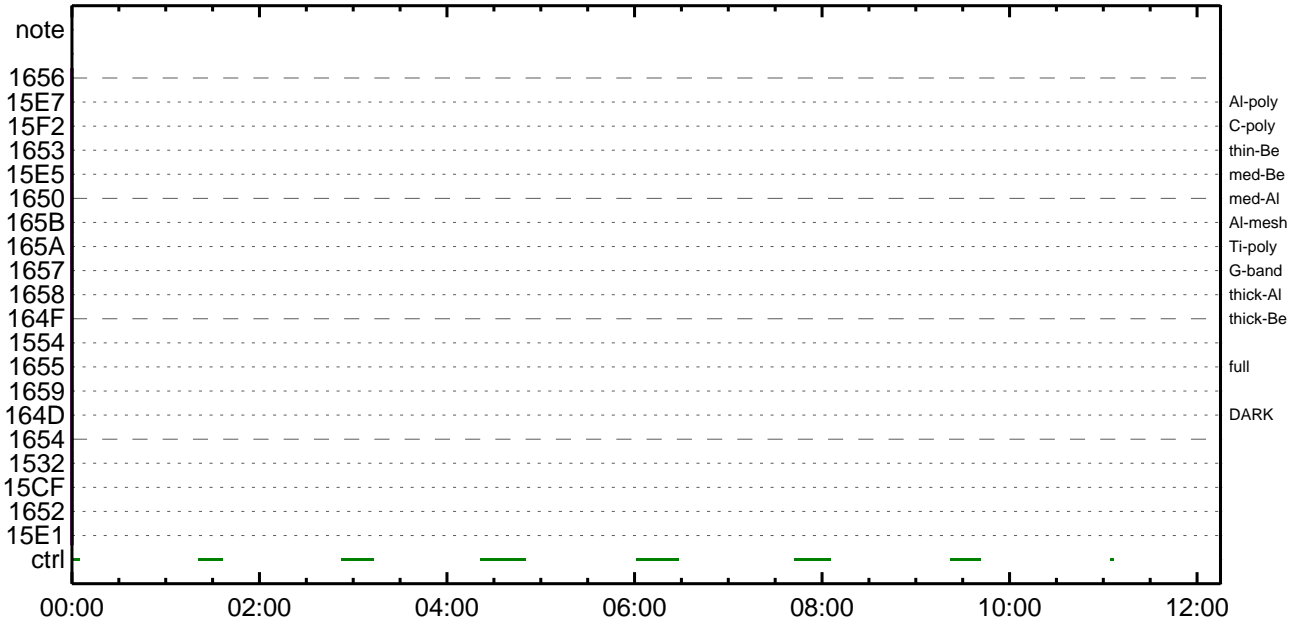
CMDI #0414 2009/02/21



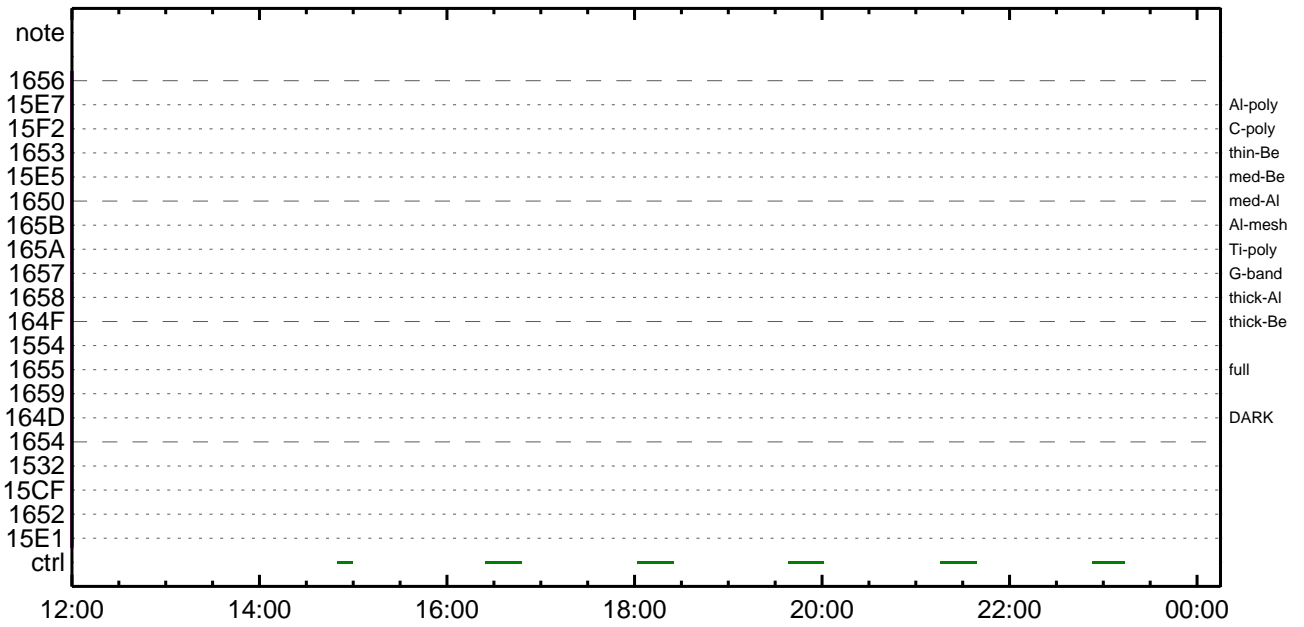
CMDI #0414 2009/02/21



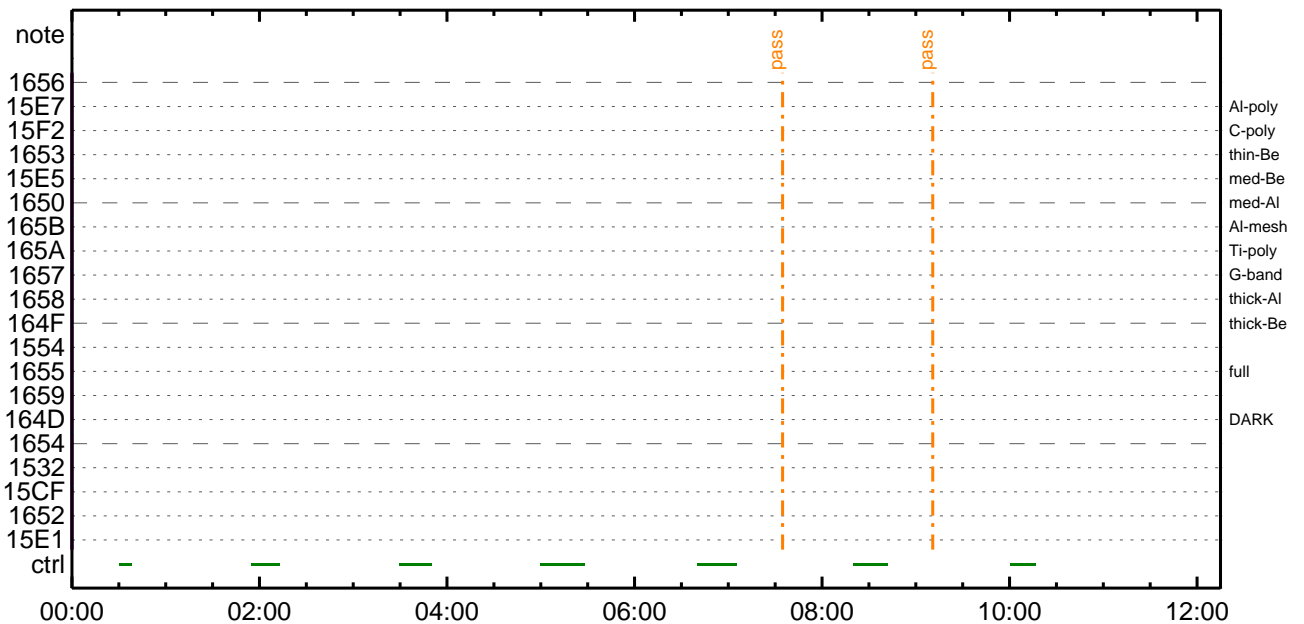
CMDI #0414 2009/02/22



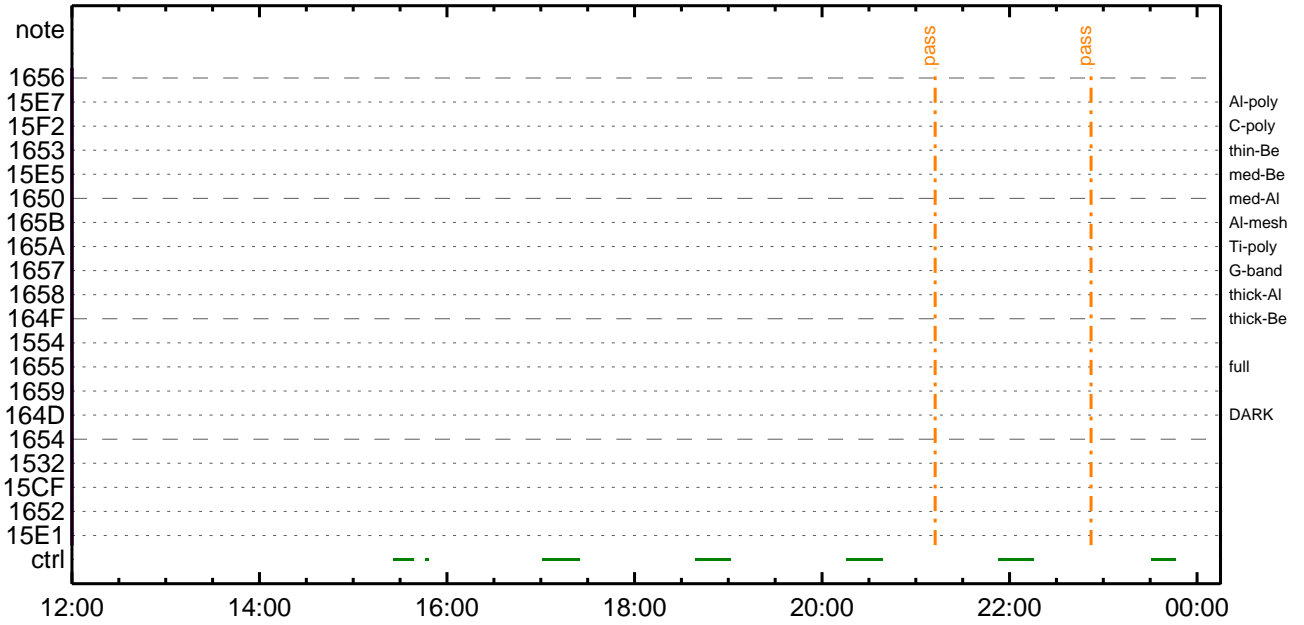
CMDI #0414 2009/02/22



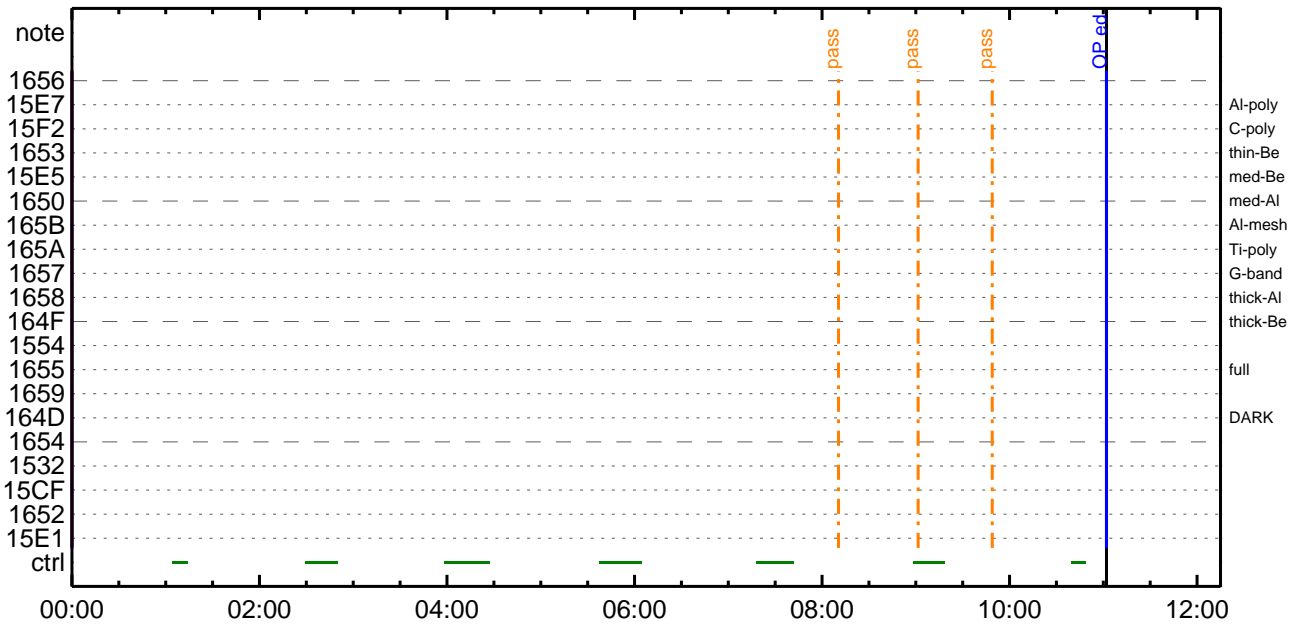
CMDI #0414 2009/02/23



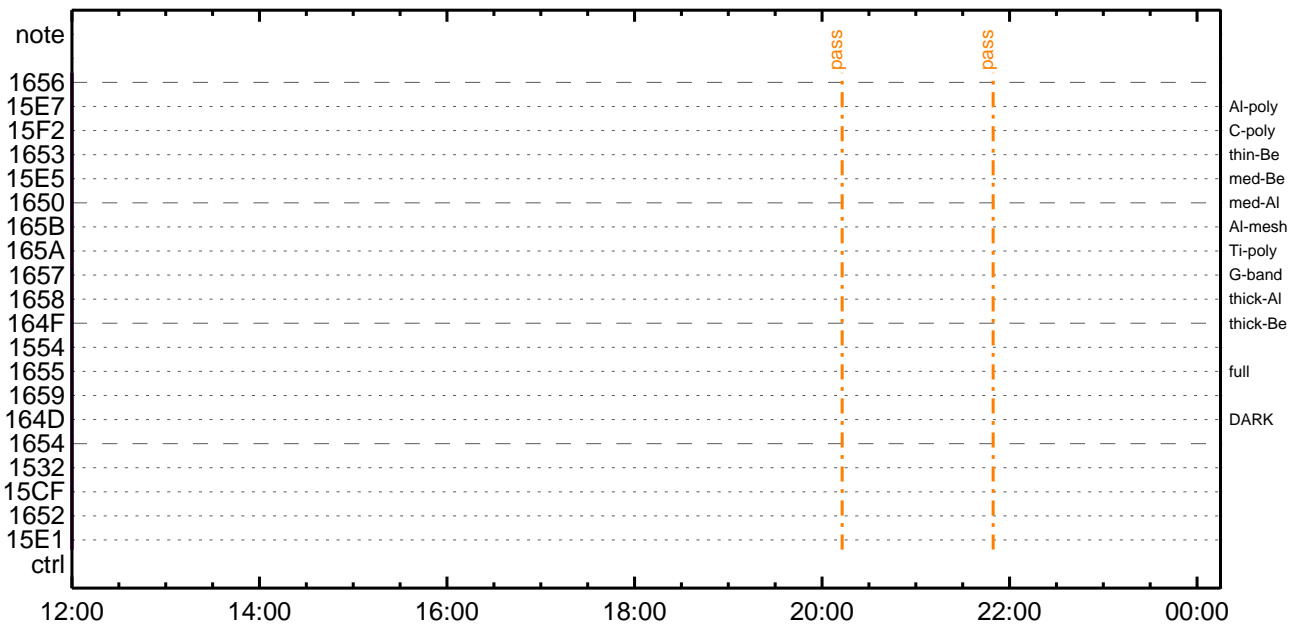
CMDI #0414 2009/02/23



CMDI #0414 2009/02/24



CMDI #0414 2009/02/24




```
0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;|YAYOX
0100 C. *****
0101 C.
0102 C. ;aOP/OGY1;4YE;a
0103 S. OP op-423:OP
0104 ( )
0105 S. OG og-423:OG
0106 ( )
0107 C.
0108 C. ;aNMOG&OPf^°eYAYOX;a
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. ;c[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. ;c[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. ;c[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. ;c[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. ;c[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. ;c[HK1_PKT_FORM_NO] EQ 7
0120 C. ;c[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. ;c[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. ;c[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. ;c[HK1_DMP_CHK_FLG] EQ EXEC
0124 C. YAYOXx1/2^I»oð³IÇ§
0125 C. ;c[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOGqI%Ê¹ç•ë²IOKqð³IÇ§
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. ;c[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. ;c[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. ;c[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. ;c[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. ;c[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. ;c[HK1_PKT_FORM_NO] EQ 7
0139 C. ;c[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. ;c[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. ;c[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. ;c[HK1_DMP_CHK_FLG] EQ EXEC
0143 C. YAYOXx1/2^I»oð³IÇ§
0144 C. ;c[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOGqI%Ê¹ç•ë²IOKqð³IÇ§
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. ;c[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. ;c[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. ;c[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. ;c[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. ;c[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. ;c[HK1_PKT_FORM_NO] EQ 7
0158 C. ;c[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. ;c[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. ;c[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. ;c[HK1_DMP_CHK_FLG] EQ EXEC
0162 C. YAYOXx1/2^I»oð³IÇ§
0163 C. ;c[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OPqI%Ê¹ç•ë²IOKqð³IÇ§
0165 C.
0166 C. ***** oÊ²¼oI%Ä´¶Á°oÊÊ¬o°Á÷¿® (¼áµ-YAYOXx1/2^e½çoðÁÓÆoç¼¹a°oð%¼i¹çoçoâ) *****
0167 C. DHUYâ;4YE;Ê½Y½,Yi;4YE;ÊoðIâ¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. ;c[HK1_PKT_FORM_NO] EQ 2
0171 C. ;c[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. ;c[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. ;c[HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 C. NOTICE ;§ OPOG UPLOADq-Á÷¿®NGuI%¼¹ç;ç°Ê²¼oI%TI-CMDÁ÷¿®qI%Ä¹Ôq•qÊoq³qðÊ;f
0180 C. qPq¿;çSETqEDUMPqIÆ±°iYNY¹qç¹Ôq|q³qðÊ;f
0181 C.
0182 C. TIY³YpYóYÊoðÁDÍ¿(UT)
0183 +. TI 2009-02-19 10:00:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. ;c[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2009-02-19 10:00:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. ;c[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2009-02-19 10:00:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. ;c[HK1_TI_CMD_NUM] EQ 1COUNTUP
```



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0194 C.
0195 +. TI 2009-02-19 10:04:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          çç[HK1_TI_CMD_NUM]          EQ          1COUNTUP
0198 C.
0199 C. °Ê²¼ñîÄë%îíññîîŷÄŷ§ŷÄŷ-¹àîŷ
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. TIîî°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»ñ³îç§
0226 C.          çç[HK1_DMP_CHK_FLG]        EQ          NON
0227 C.
0228 C. RAM ID=TI_TBLñîî¾È¹ç•è²îOKñ³îç§
0229 C.
0230 C. DHUŷâ;¼ŷÉ;È¼ŷ¼. ŷî;¼ŷÈ;Èññîñ¹
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 2009-02-19 10:04:30.0
0245 DC 07-FC EIS_MODE_MANU
0246 BC          (21 02)
0247 +. TI 2009-02-19 10:04:40.0
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. ***** XRT START *****
0256 C. Execute, after the success of OP upload.
0257 +. TI 2009-02-19 10:04:00.0
0258 DC 07-F0 MDP_XRT_MODE_STBY
0259 BC          (c3)
0260 C.          [ ] [HK1_TI_CMD_NUM]      EQ          1COUNTUP
0261 C.
0262 C. ***** XRT END *****
0263 C. *****
0264 C. SOT TI command set
0265 C. *****
0266 C. Execute, after the success of OP upload.
0267 +. TI 2009-02-19 10:04:16.0
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»ö¼ŷñÈÄñ¹ñèDCBC•x²è *****
0276 C. (¼ª°îŷÖŷÄŷÈŷŷŷÄŷçŷèè¾ññ¼ª»ŷñ¹ñè)
0277 S. DC-BC dcbc-402:DCBC
0278 (MDP_known_event)
0279 C.
0280 C.
0281 C. ***** ŷĐŷ¹•î Daily±çîññÈ´Øñ¹ñèDCBC•x²è *****
0282 S. DC-BC dcbc-153:DCBC
0283 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0284 C.
0285 C.
0286 C. ;ãLOSŷÄŷ§ŷÄŷ-¼ª»ŷ;ã
0287 C.
0288 C. ***** LOS *****
0289 C.

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(a) Spacecraft Operation Procedure (real-commands)

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main-424 2009-02-19 11:43:17 82 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÄYŞYÄY-¼Ä»Û;ã
0005 C.
0006 C. YÄYß;¼Y³YFYOYÉÄ+ç®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOSCS : Reload orbital element (send every contact) *****
0010 C. Äí;Èççßµ°ß»ÍxÄÇçíYçYÄY×Yí;¼YÉ;ÈÈ%µ•íÉ;ÈßÈ¼°ÇÖç•ç¼i¹ççÍ;çÄ®, ùç¹çÈçßçÇÄ+ç®ç•çÈççç³çÈ;ç
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. ***** AOSCS 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 AOSCS 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 5s
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 2009-02-19 10:04:50.0
0061 DC 07-FC EIS_MODE_CHG_ENA
0062 BC (20)
0063 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0064 C. *****
0065 C. EIS END OBSTBL LOAD
0066 C. *****
0067 C.
0068 . C. ***** MDP `úÄíçí»ó¼YçÈÄç¹çÈDCBC•x²è *****
0069 C. (¼á°íYóYÄYßYpYÉYáYçYÈçµ¼ç¼Ä»Ûç¹çÈ)
0070 . S. DC-BC dcbc-402:DCBC
0071 (MDP_known_event)
0072 C.
0073 C.
0074 . C. ***** YDÿ¹.İ Daily±çİÑçÈ´øç¹çÈDCBC•x²è *****
0075 . S. DC-BC dcbc-153:DCBC
0076 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0077 C.
0078 C.
0079 . C. ;ãLOSÄYŞYÄY-¼Ä»Û;ã
0080 C.
0081 . C. ***** LOS *****
0082 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-425 2009-02-19 11:43:19 122 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;Èø¿øÅø•µ°È»ÍxÁÇøíYçYÁY×Yí;¼YÉ;ÈÈè%µ•ííÉ;ÈøÈ¼°ÇÓø•ø¿¼í¹çøí;çÀ®, ùø¹øÈøÈøçÁ+¿®ø•øÈøøøøøÈ;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 85 83 06 06)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 07 80 80 04 04)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 08 80 80 20 20)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 09 80 80 10 10)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 0f 80 80 04 04)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 10 80 80 10 10)
0052 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0053 BC (c4 05)
0054 +. DC 07-F0 MDP_XRT_AEC_RESET
0055 BC (d0)
0056 +. DC 07-F0 MDP_XRT_ARS_DIS
0057 BC (d5)
0058 +. DC 07-F0 MDP_XRT_FLD_DIS
0059 BC (d9)
0060 +. DC 07-F0 MDP_XRT_FLRCTRL_DIS
0061 BC (c9)
0062 . C. ----- Success Verify ? OK / NG ____
0063 C.
0064 C.
0065 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0066 C.
0067 +. DC 07-F0 MDP_XRT_MODE_OBSV
0068 BC (c2)
0069 +. TI 2009-02-19 10:04:02.0
0070 DC 07-F0 MDP_XRT_MODE_OBSV
0071 BC (c2)
0072 . C. ----- Success Verify ? OK / NG ____
0073 C.
0074 C. ***** XRT END *****
0075 . C. *****
0076 C. SOT table upload
0077 C. *****
0078 . C. < Stop FG table >
0079 +. DC 07-F0 MDP_FG_CTRL_MANU
0080 BC (51)
0081 . C. -----
0082 C. MDP_FG_CTRL_MODE = MANU [ ]
0083 C. -----
0084 C.
0085 . C. <Upload FG Observation Table>
0086 . S. RAM ram-263:MDP_OBS_F
0087 ( )
0088 C.
0089 . C. < Dump RAMID=MDP_OBS_F >
0090 +. DC 07-F0 MDP_DUMP_FGTBL
0091 BC (82 07 00 00 00 38 b8)
0092 C. -----
0093 C. MDP_OBS_F verify = OK/NG [ ]
0094 C. -----
0095 C.
```

```

0096 C. *****
0097 C. SOT TI command set
0098 C. *****
0099 C. Execute, after the success of TBL upload.
0100 +. TI 2009-02-19 10:04:18.0
0101 DC 07-F0 MDP_SOT_MODE_OBSV
0102 BC (40)
0103 . C. -----
0104 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0105 C. -----
0106 C.
0107 C.
0108 . C. ***** MDP `ôÃîñî»ô¼ÿòÈËÐñ¹ñèDCBC•x²è *****
0109 C. (¼ãºïÿÓÿÃÿÈÿËÿÈÿÁÿÇÿè½¼ññ¼Ë»Ûñ¹ñè)
0110 . S. DC-BC dcbc-402:DCBC
0111 (MDP_known_event)
0112 C.
0113 C.
0114 . C. ***** ÿDÿ¹•Ï Daily±¿ÍñòÈ´øñ¹ñèDCBC•x²è *****
0115 . S. DC-BC dcbc-153:DCBC
0116 (SPECIAL-CMD_DAILY_OPERATING_DCB)
0117 C.
0118 C.
0119 . C. ¡ãLÖÿÁÿÿÿÿÿÿ¼Ë»Ûñ¹ñè
0120 C.
0121 . C. ***** LOS *****
0122 C.

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*** OP Sequence for XRT ***

2009/02/19	10:14:54.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/02/19	10:14:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2009/02/19	10:15:00.0	AOCS_OrE-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	00 ac 9c 00 00		
2009/02/19	10:15:16.0	XRT_QT_PROG_SET_401_OG [0x191]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13		
2009/02/19	10:15:18.0	XRT_AEC_RESET_415_OG [0x19f]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2009/02/19	10:15:20.0	XRT_ARS_DIS_422_OG [0x1a6]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/02/19	10:15:22.0	XRT_FLD_DIS_445_OG [0x1bd]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/02/19	10:15:24.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/02/19	10:15:26.0	XRT_CTRL_AUTO_403_OG [0x193]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/02/19	10:50:00.0	XRT_CTRL_MANU_435_OG [0x1b3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/02/19	10:57:00.0	XRT_Custom_430_OG [0x1ae]					
2009/02/19	10:58:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/02/19	14:37:30.0	XRT_CTRL_MANU_435_OG [0x1b3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/02/19	14:45:30.0	XRT_Custom_430_OG [0x1ae]					
2009/02/19	14:46:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/02/19	15:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/02/19	15:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2009/02/19	16:00:00.0	AOCS_OrE-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	02 00 00 00 00		
2009/02/19	16:00:16.0	XRT_QT_PROG_SET_408_OG [0x198]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07		
2009/02/19	16:00:18.0	XRT_AEC_RESET_415_OG [0x19f]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2009/02/19	16:00:20.0	XRT_ARS_DIS_422_OG [0x1a6]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/02/19	16:00:22.0	XRT_FLD_DIS_445_OG [0x1bd]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/02/19	16:00:24.0	XRT_FLRCTRL_DIS_406_OG [0x196]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/02/19	16:03:00.0	XRT_CTRL_AUTO_403_OG [0x193]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/02/19	16:11:00.0	XRT_CTRL_MANU_435_OG [0x1b3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/02/19	16:34:30.0	XRT_Custom_430_OG [0x1ae]					
2009/02/19	16:35:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/02/19	17:47:30.0	XRT_CTRL_MANU_435_OG [0x1b3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/02/19	18:11:24.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/02/19	18:11:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2009/02/19	18:11:30.0	AOCS_OrE-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2009/02/19	18:11:46.0	XRT_QT_PROG_SET_405_OG [0x195]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d		
2009/02/19	18:11:48.0	XRT_FLD_DIS_419_OG [0x1a3]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/02/19	18:11:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/02/19	18:11:52.0	XRT_ARS_DIS_410_OG [0x19a]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/02/19	18:14:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/02/19	18:21:24.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/02/19	18:21:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2009/02/19	18:21:30.0	AOCS_OrE-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	02 00 00 00 00		
2009/02/19	18:21:46.0	XRT_QT_PROG_SET_402_OG [0x192]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05		
2009/02/19	18:21:48.0	XRT_AEC_RESET_415_OG [0x19f]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2009/02/19	18:21:50.0	XRT_ARS_DIS_422_OG [0x1a6]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/02/19	18:21:52.0	XRT_FLD_DIS_445_OG [0x1bd]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/02/19	18:21:54.0	XRT_FLRCTRL_DIS_406_OG [0x196]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/02/19	18:24:30.0	XRT_CTRL_AUTO_403_OG [0x193]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/02/19	19:24:30.0	XRT_CTRL_MANU_435_OG [0x1b3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/02/19	19:48:00.0	XRT_Custom_430_OG [0x1ae]					
2009/02/19	19:49:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]					

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2009/02/19	21:02:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/19	21:25:30.0	XRT_Custom_430_OG [0x1ae]								
2009/02/19	21:26:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/19	22:39:30.0	XRT_CTRL_MANU_435_OG [0x1b3]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/19	23:01:00.0	XRT_Custom_430_OG [0x1ae]								
2009/02/19	23:02:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/20	00:17:00.0	XRT_CTRL_MANU_435_OG [0x1b3]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/20	00:26:00.0	XRT_Custom_430_OG [0x1ae]								
2009/02/20	00:27:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/20	01:42:00.0	XRT_CTRL_MANU_435_OG [0x1b3]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/20	02:00:00.0	XRT_Custom_430_OG [0x1ae]								
2009/02/20	02:01:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/20	03:15:30.0	XRT_CTRL_MANU_435_OG [0x1b3]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/20	03:36:30.0	XRT_Custom_430_OG [0x1ae]								
2009/02/20	03:37:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/20	04:45:30.0	XRT_CTRL_MANU_435_OG [0x1b3]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/20	05:14:00.0	XRT_Custom_430_OG [0x1ae]								
2009/02/20	05:15:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/20	05:57:54.0	XRT_CTRL_MANU_428_OG [0x1ac]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/20	05:57:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]								
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/02/20	05:58:00.0	AOCs_OrE-point_Start_3_OG [0x099]								
			AOCU_NM	5	02-76	00 00 00 00 00				
2009/02/20	05:58:16.0	XRT_QT_PROG_SET_426_OG [0x1aa]								
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2009/02/20	05:58:18.0	XRT_FLD_DIS_419_OG [0x1a3]								
			MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/02/20	05:58:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]								
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/02/20	05:58:22.0	XRT_ARS_DIS_410_OG [0x19a]								
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/02/20	06:01:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/20	06:07:54.0	XRT_CTRL_MANU_428_OG [0x1ac]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/20	06:07:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]								
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/02/20	06:08:00.0	AOCs_OrE-point_Start_2_OG [0x098]								
			AOCU_NM	5	02-76	02 00 00 00 00				
2009/02/20	06:08:16.0	XRT_QT_PROG_SET_408_OG [0x198]								
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2009/02/20	06:08:18.0	XRT_AEC_RESET_415_OG [0x19f]								
			MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/02/20	06:08:20.0	XRT_ARS_DIS_422_OG [0x1a6]								
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/02/20	06:08:22.0	XRT_FLD_DIS_445_OG [0x1bd]								
			MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/02/20	06:08:24.0	XRT_FLRCTRL_DIS_406_OG [0x196]								
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/02/20	06:08:54.0	XRT_CTRL_MANU_428_OG [0x1ac]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/20	06:11:00.0	XRT_CTRL_AUTO_403_OG [0x193]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/20	06:26:00.0	XRT_CTRL_MANU_435_OG [0x1b3]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/20	06:51:30.0	XRT_Custom_430_OG [0x1ae]								
2009/02/20	06:52:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/20	08:06:30.0	XRT_CTRL_MANU_435_OG [0x1b3]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/20	08:28:30.0	XRT_Custom_430_OG [0x1ae]								
2009/02/20	08:29:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/20	09:46:00.0	XRT_CTRL_MANU_435_OG [0x1b3]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/20	09:50:00.0	AOCs_OrE-point_Start_4_OG [0x09a]								
			AOCU_NM	5	02-76	00 54 9b 00 00				
2009/02/20	10:03:24.0	XRT_CTRL_MANU_428_OG [0x1ac]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/20	10:03:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]								
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/02/20	10:03:46.0	XRT_QT_PROG_SET_401_OG [0x191]								
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2009/02/20	10:03:48.0	XRT_AEC_RESET_415_OG [0x19f]								
			MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/02/20	10:03:50.0	XRT_ARS_DIS_422_OG [0x1a6]								
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/02/20	10:03:52.0	XRT_FLD_DIS_445_OG [0x1bd]								
			MDP_XRT_FLD_DIS	1	07-F0	d9				

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2009/02/20	10:03:54.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/02/20	10:03:56.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/20	15:12:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/20	15:24:30.0	XRT_Custom_430_OG [0x1ae]							
2009/02/20	15:25:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/20	15:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/20	15:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/02/20	16:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2009/02/20	16:00:16.0	XRT_QT_PROG_SET_408_OG [0x198]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2009/02/20	16:00:18.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/02/20	16:00:20.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/02/20	16:00:22.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/02/20	16:00:24.0	XRT_FLRCTRL_DIS_406_OG [0x196]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/02/20	16:03:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/20	16:47:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/20	17:11:30.0	XRT_Custom_430_OG [0x1ae]							
2009/02/20	17:12:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/20	17:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/20	17:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/02/20	18:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/02/20	18:00:16.0	XRT_QT_PROG_SET_405_OG [0x195]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2009/02/20	18:00:18.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/02/20	18:00:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/02/20	18:00:22.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/02/20	18:03:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/20	18:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/20	18:09:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/02/20	18:10:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2009/02/20	18:10:16.0	XRT_QT_PROG_SET_402_OG [0x192]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2009/02/20	18:10:18.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/02/20	18:10:20.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/02/20	18:10:22.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/02/20	18:10:24.0	XRT_FLRCTRL_DIS_406_OG [0x196]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/02/20	18:13:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/20	18:25:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/20	18:48:00.0	XRT_Custom_430_OG [0x1ae]							
2009/02/20	18:49:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/20	20:01:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/20	20:25:00.0	XRT_Custom_430_OG [0x1ae]							
2009/02/20	20:26:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/20	21:39:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/20	22:02:00.0	XRT_Custom_430_OG [0x1ae]							
2009/02/20	22:03:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/20	23:16:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/20	23:36:30.0	XRT_Custom_430_OG [0x1ae]							
2009/02/20	23:37:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/21	00:53:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/21	01:00:30.0	XRT_Custom_430_OG [0x1ae]							
2009/02/21	01:01:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/21	02:16:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				

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2009/02/21	02:36:30.0	XRT_Custom_430_OG [0x1ae]							
2009/02/21	02:37:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/21	03:49:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/21	04:13:30.0	XRT_Custom_430_OG [0x1ae]							
2009/02/21	04:14:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/21	05:23:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/21	05:51:00.0	XRT_Custom_430_OG [0x1ae]							
2009/02/21	05:52:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/21	06:00:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/21	06:00:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/02/21	06:01:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/02/21	06:01:16.0	XRT_QT_PROG_SET_426_OG [0x1aa]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2009/02/21	06:01:18.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/02/21	06:01:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/02/21	06:01:22.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/02/21	06:04:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/21	06:10:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/21	06:10:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/02/21	06:11:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2009/02/21	06:11:16.0	XRT_QT_PROG_SET_408_OG [0x198]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2009/02/21	06:11:18.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/02/21	06:11:20.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/02/21	06:11:22.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/02/21	06:11:24.0	XRT_FLRCTRL_DIS_406_OG [0x196]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/02/21	06:11:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/21	06:14:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/21	07:04:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/21	07:28:30.5	XRT_Custom_430_OG [0x1ae]							
2009/02/21	07:29:30.5	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/21	08:44:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/21	09:05:30.0	XRT_Custom_430_OG [0x1ae]							
2009/02/21	09:06:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/21	10:23:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/21	10:24:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				