

XRT Timeline to be uploaded on 2010/05/15

Period: 2010/05/15 10:48:00 - 2010/05/20 10:55:00

* * * * *

Normal mode

* * * * *

XOB #17BE: HOP0145 - Ti/Poly, Thick-Al,Al/Mesh,Thick_be - DCPM - 384x384 - 2min cad												
Term	Pointing (x, y)							Comment				
05/15 11:00:34 - 05/15 13:49:00	Track (849.1, -309.7) ^{05/15 10:58:00}	# OP start + 10min, Track observe AR 11068.										
PROG= 04 Inf.-time(s)												
└─ Subr= 2 1-time(s) 2.0sec												
└─ Seqn= 95 1-time(s) 120.0sec												
└─ Open/Al-mesh	Open/Al-mesh close	Safe	Norm	125ms	Obs	1x1	384x384 (1024, 1024)	DPCM	1	0	2.0sec	
└─ Open/thick-Be	Open/thick-Be close	Safe	Norm	32.0s	Obs	1x1	384x384 (1024, 1024)	DPCM	1	0	2.0sec	
└─ Open/Ti-poly	Open/Ti-poly close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	DPCM	1	0	2.0sec	
└─ Open/thick-Al	Open/thick-Al close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	DPCM	1	0	2.0sec	
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #17B9: Synoptic Q95 2x2 - Al/mesh(16/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(33/2048) + G-band(16)												
Term	Pointing (x, y)							Comment				
05/15 18:06:30 - 05/15 18:13:26	Fixed (0.0, 0.0)	synoptic, shifted 3.5 min										
05/16 05:37:30 - 05/16 05:44:24	Fixed (0.0, 0.0)	synoptic, shifted -25.5 min										
05/16 18:27:30 - 05/16 18:33:24	Fixed (0.0, 0.0)	synoptic, shifted 24.5 min										
05/17 05:59:00 - 05/17 06:05:54	Fixed (0.0, 0.0)	synoptic, shifted -4.0 min										
PROG= 15 1-time(s)												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 80 1-time(s) 4.0sec												
└─ Open/Al-mesh	Open/Al-mesh close	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
└─ Open/Al-mesh	Open/Al-mesh close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
└─ Seqn= 5 1-time(s) 2.0sec												
└─ Open/Ti-poly	Open/thick-Al close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec	
└─ Open/Ti-poly	Open/thick-Al close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec	
└─ Open/Ti-poly	Open/thick-Al close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec	
└─ Open/Ti-poly	Open/thick-Al close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0	0	2.0sec	
└─ Open/Ti-poly	Open/thick-Al close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	0	0	2.0sec	
└─ Seqn= 81 1-time(s) 4.0sec												
└─ Open/Ti-poly	Open/Ti-poly close	Safe	Norm	32ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
└─ Open/Ti-poly	Open/Ti-poly close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
└─ Seqn= 4 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 #17BC: AR Dynamics- Ti/Poly(384FOV) AEC2_3 Q95, Thick-Al fixed 32s, G-band(512FOV) - 1min cadence												
Term	Pointing (x, y)							Comment				
05/15 18:16:34 - 05/16 05:34:24	Fixed (865.0, -316.0)	# Observe AR 11068 at and beyond W limb.										
05/16 05:47:32 - 05/16 09:22:00	Fixed (865.0, -316.0)	# Cont.										
05/16 18:36:32 - 05/17 05:55:54	Fixed (865.0, -316.0)	# Resume observing AR 11068 beyond W limb.										
05/17 06:09:02 - 05/17 10:00:30	Fixed (865.0, -316.0)	# Cont.										
PROG= 05 Inf.-time(s)												
└─ Subr= 1 1-time(s) 30.0sec												
└─ Seqn= 1 1-time(s) 30.0sec												
└─ Open/G-band	Open/G-band open	Safe	Norm	63ms	Obs	1x1	512x512 (1024, 1024)	Q=98	0	0	2.0sec	
└─ Seqn= 93 1-time(s) 40.0sec												
└─ Open/thick-Al	Open/thick-Al close	Safe	Norm	32.0s	Obs	1x1	512x512 (1024, 1024)	Q=92	0	0	2.0sec	
└─ Subr= 2 15-time(s) 60.0sec												
└─ Seqn= 91 1-time(s) 2.0sec												
└─ Open/Ti-poly	Open/thick-Al close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec	
└─ Seqn= 92 1-time(s) 2.0sec												
└─ Open/Ti-poly	Open/thick-Al close	Safe	Norm	250ms	Obs	1x1	384x384 (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	

* * * * *

Flare mode

* * * * *

XOB #1776: Flare Response short exp at first- Dynamics - Thick-Al - Thick-Be - AEC 1 - 384x384 - Q95												
Term	Pointing (x, y)							Comment				
05/15 11:00:34 - 05/15 13:49:00	Track (849.1, -309.7) ^{05/15 10:58:00}	# OP start + 10min, Track observe AR 11068.										
05/15 18:16:34 - 05/16 05:34:24	Fixed (865.0, -316.0)	# Observe AR 11068 at and beyond W limb.										
05/16 05:47:32 - 05/16 09:22:00	Fixed (865.0, -316.0)	# Cont.										
05/16 18:36:32 - 05/17 05:55:54	Fixed (865.0, -316.0)	# Resume observing AR 11068 beyond W limb.										
05/17 06:09:02 - 05/17 10:00:30	Fixed (865.0, -316.0)	# Cont.										
PROG= 13 1-time(s)												
└─ Subr= 1 2-time(s) 2.0sec												
└─ Seqn= 9 15-time(s) 20.0sec												
└─ Open/thick-Al	Open/thick-Al close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec	
└─ Open/thick-Be	Open/thick-Be close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec	
└─ Seqn= 2 1-time(s) 4.0sec												
└─ Open/G-band	Open/G-band open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec	

Subr= 2		8-time(s)		2.0sec											
Seqn= 9		15-time(s)		60.0sec											
	Open/thick-AI	Open/thick-AI	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)		Q=95	1	0	2.0sec	
	Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)		Q=95	1	0	2.0sec	
Seqn= 2		1-time(s)		4.0sec											
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)		Q=98	0	0	2.0sec	
Subr= 3		25-time(s)		2.0sec											
Seqn= 9		1-time(s)		600.0sec											
	Open/thick-AI	Open/thick-AI	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)		Q=95	1	0	2.0sec	
	Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)		Q=95	1	0	2.0sec	
Seqn= 2		1-time(s)		4.0sec											
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)		Q=98	0	0	2.0sec	
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval		

* * * * *

Active Region Search

* * * * *

NOT USED

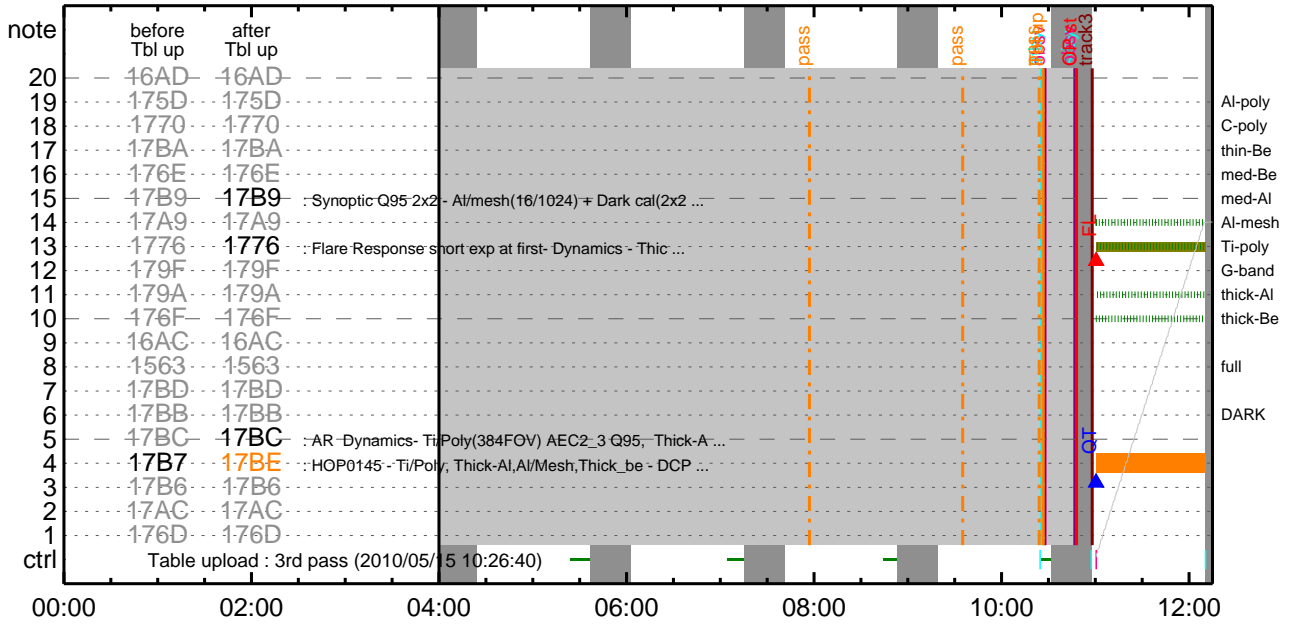
* * * * *

Flare Detection

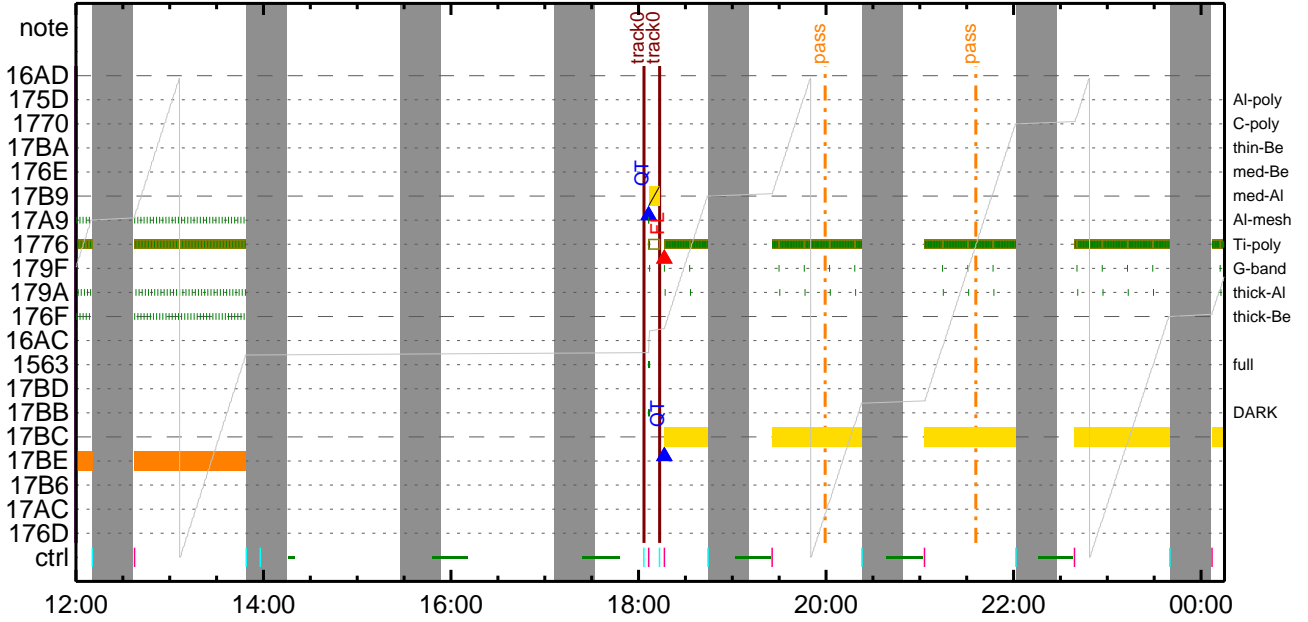
* * * * *

FLD Patrol													
Term		Pointing (x, y)				Comment							
05/15 10:57:50 - 05/15 18:03:46		Fixed (,)											
05/15 18:13:50 - 05/16 05:34:46		Fixed (865.0, -316.0)				# Observe AR 11068 at and beyond W limb.							
05/16 05:44:48 - 05/16 18:24:46		Fixed (865.0, -316.0)				# Cont.							
05/16 18:33:48 - 05/17 05:56:16		Fixed (0.0, 0.0)				synoptic, shifted 24.5 min							
05/17 06:06:18 - 05/20 10:55:00		Fixed (865.0, -316.0)				# Cont.							
Open/Ti-poly	Open/thick-AI	close	Safe	Norm	8ms	Obs	8x8			Q=50	30sec		
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

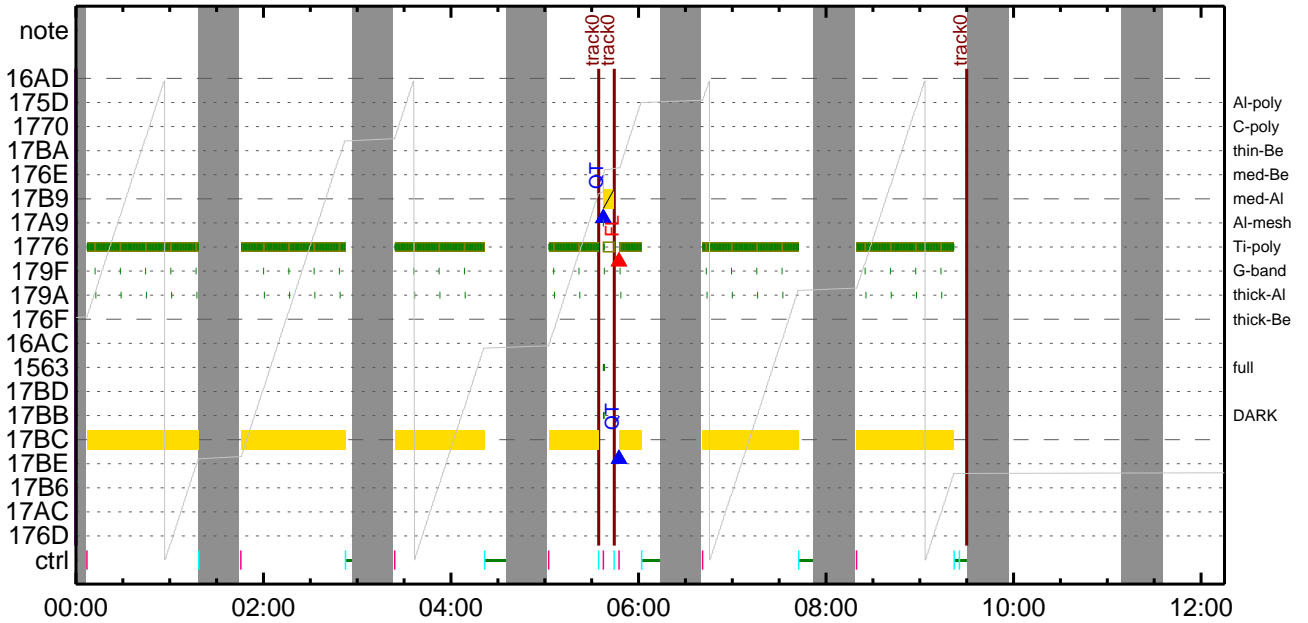
CMDI #0261 2010/05/15



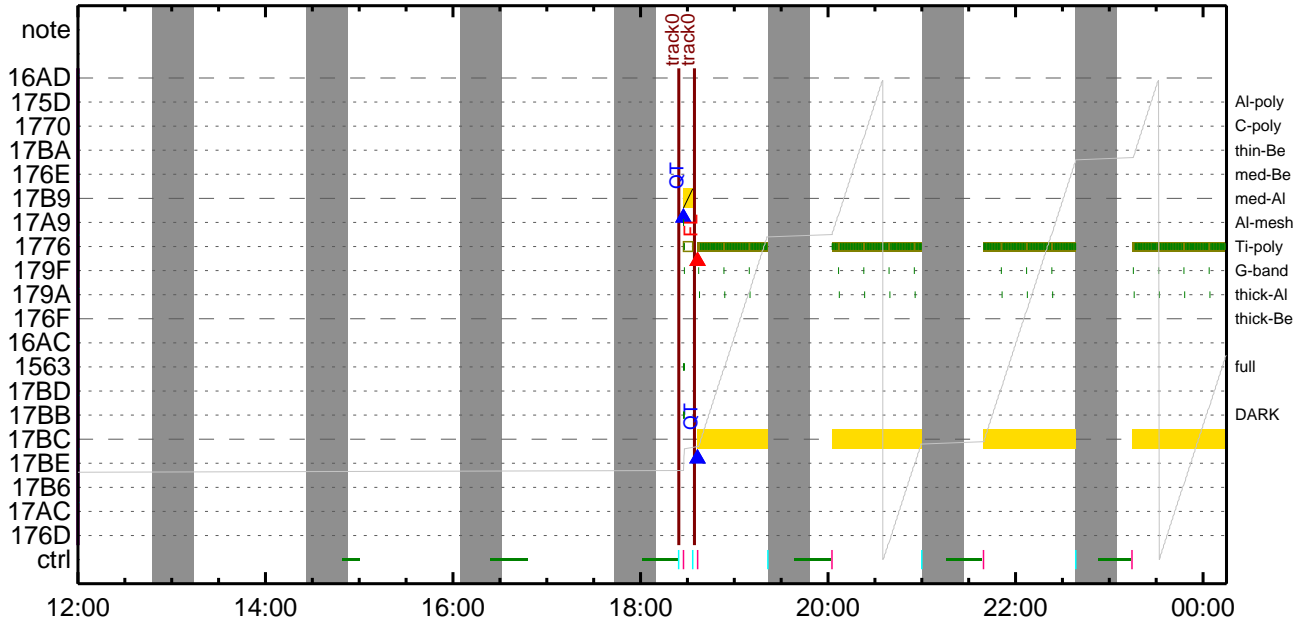
CMDI #0261 2010/05/15



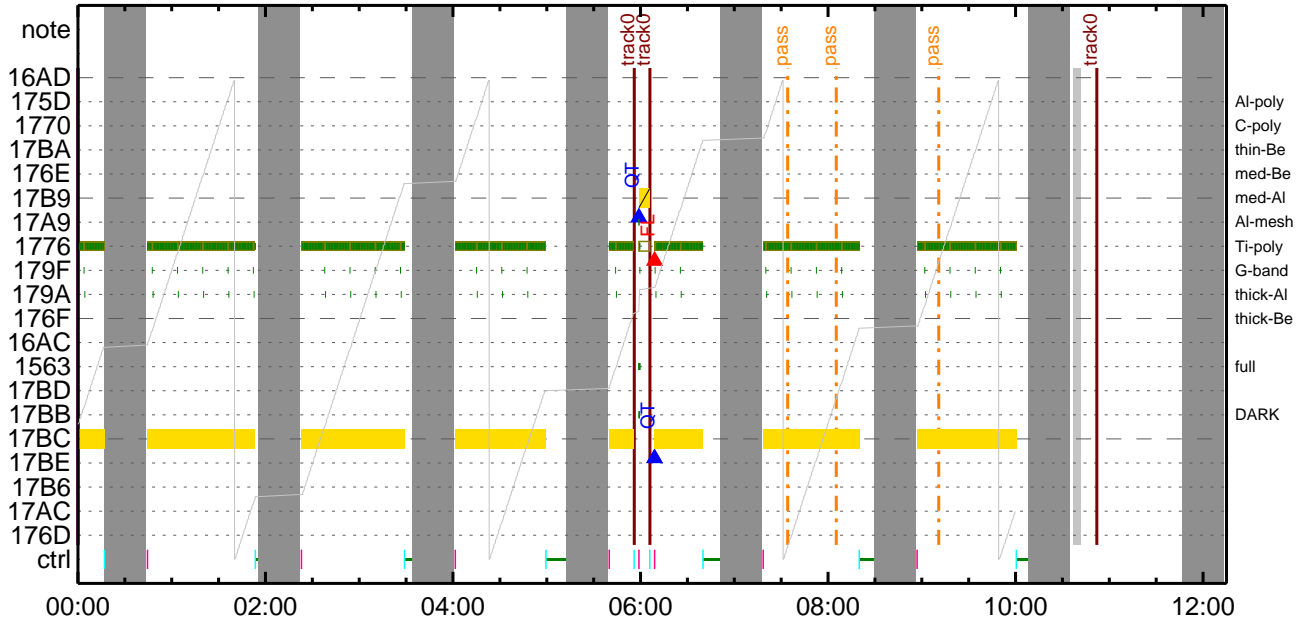
CMDI #0261 2010/05/16



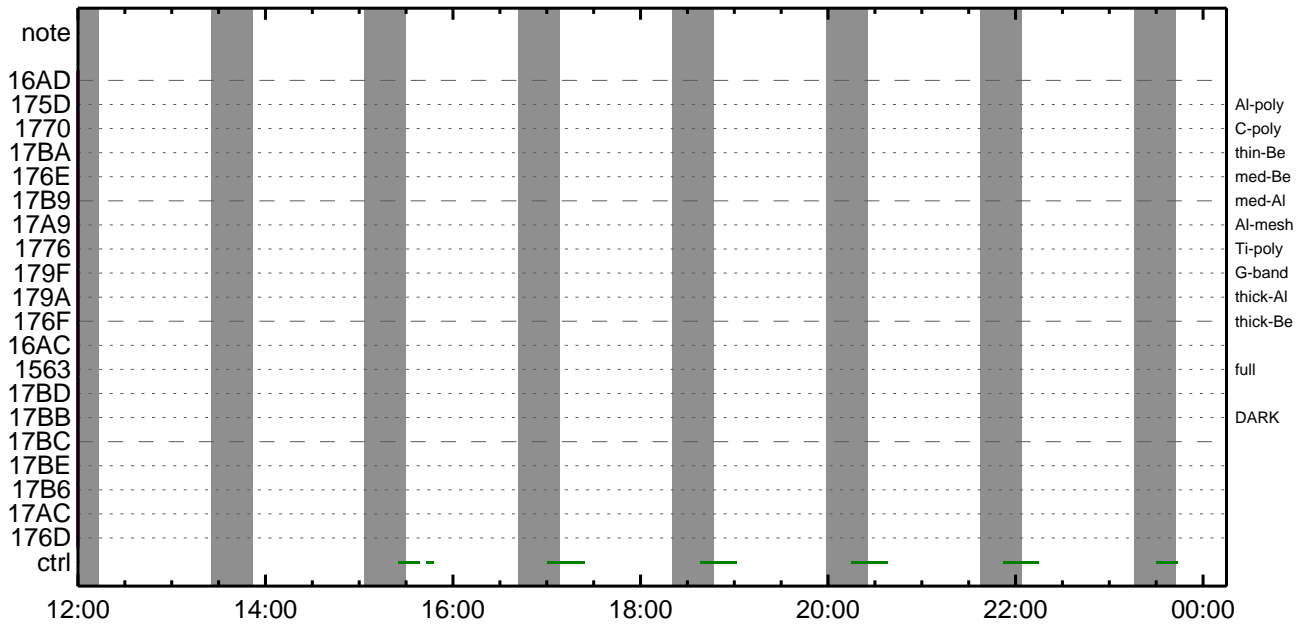
CMDI #0261 2010/05/16



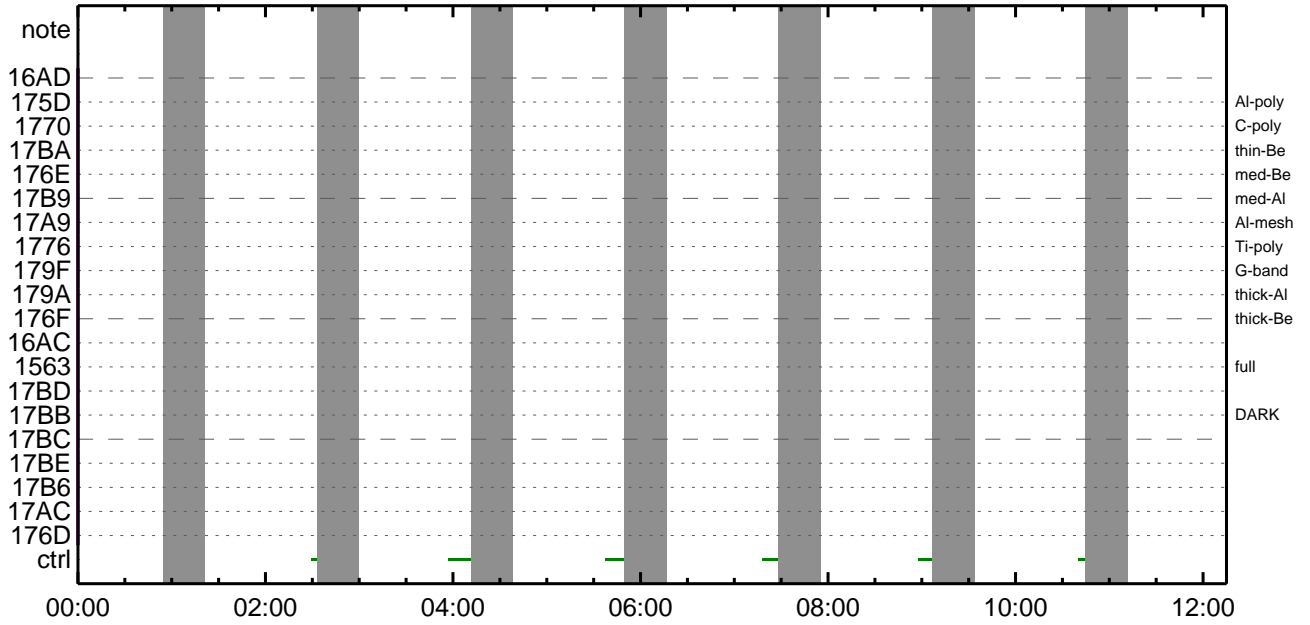
CMDI #0261 2010/05/17



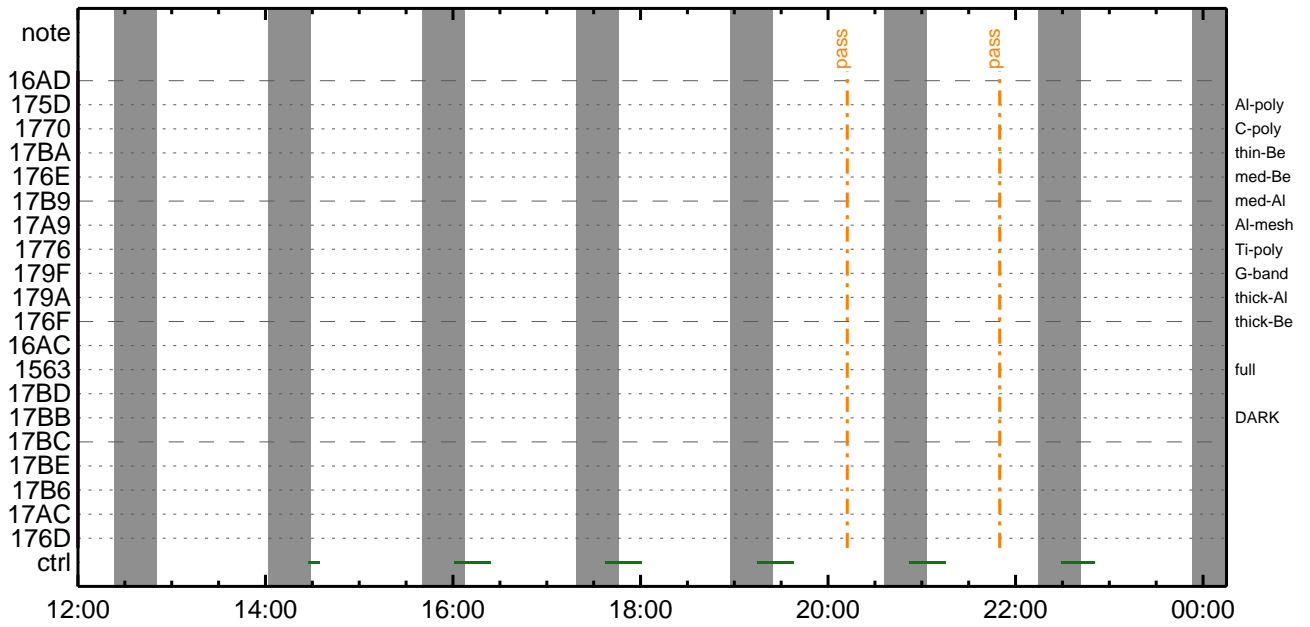
CMDI #0261 2010/05/17



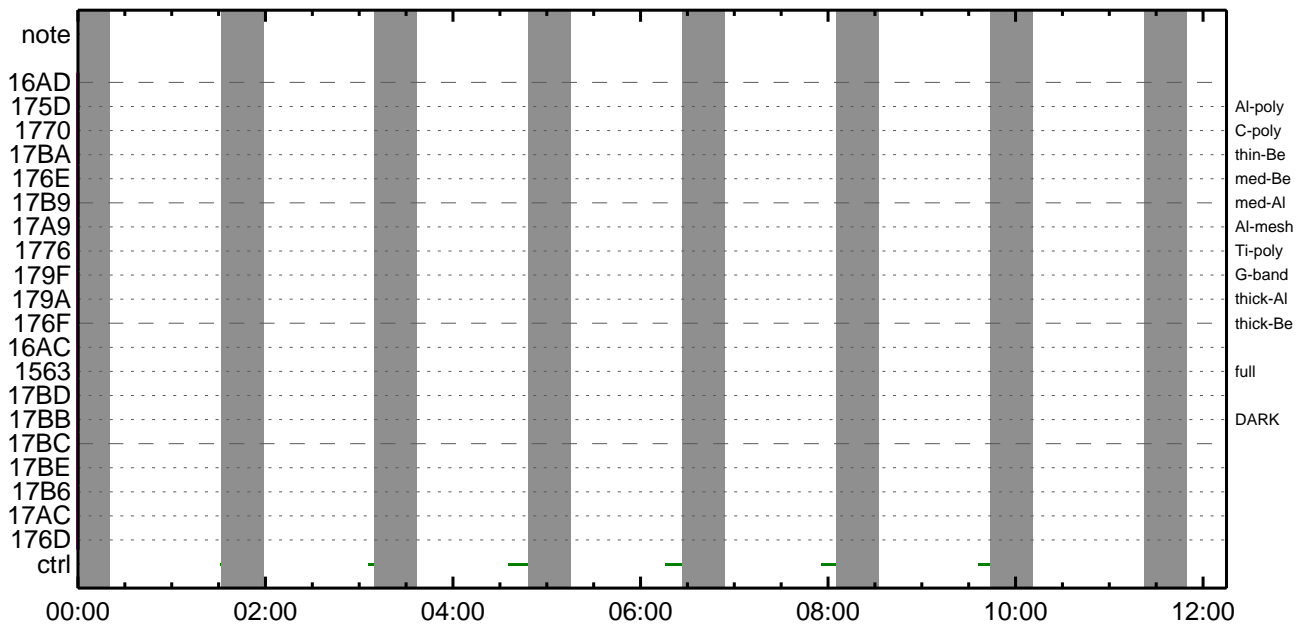
CMDI #0261 2010/05/18



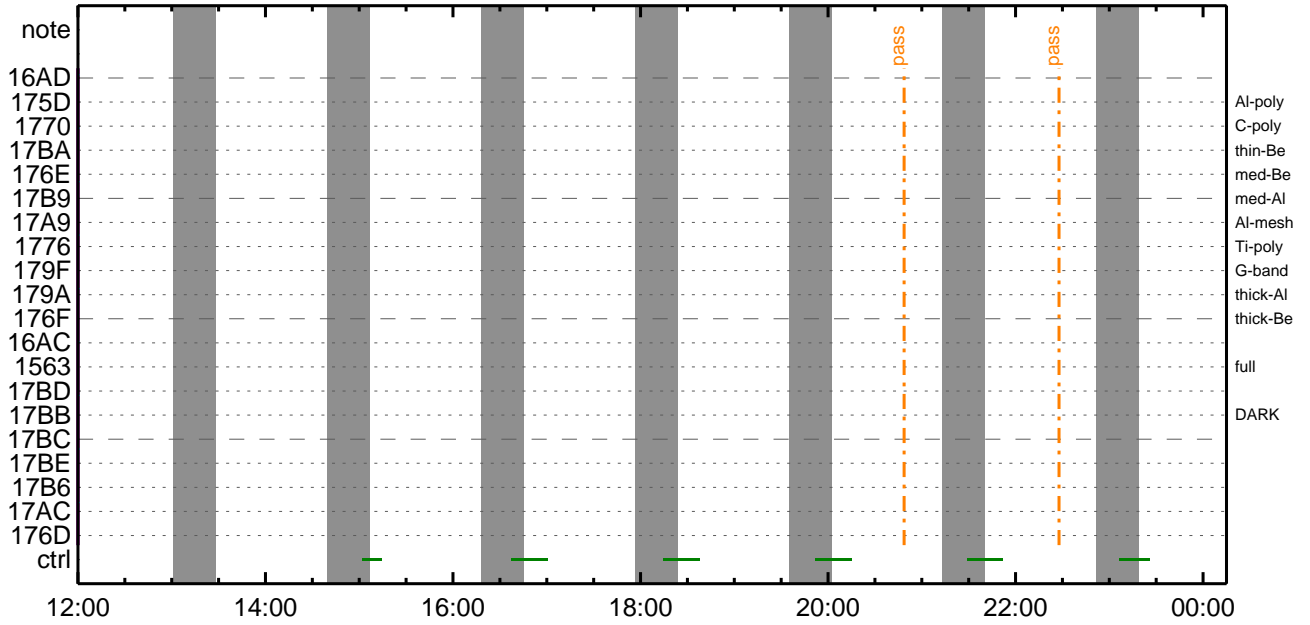
CMDI #0261 2010/05/18



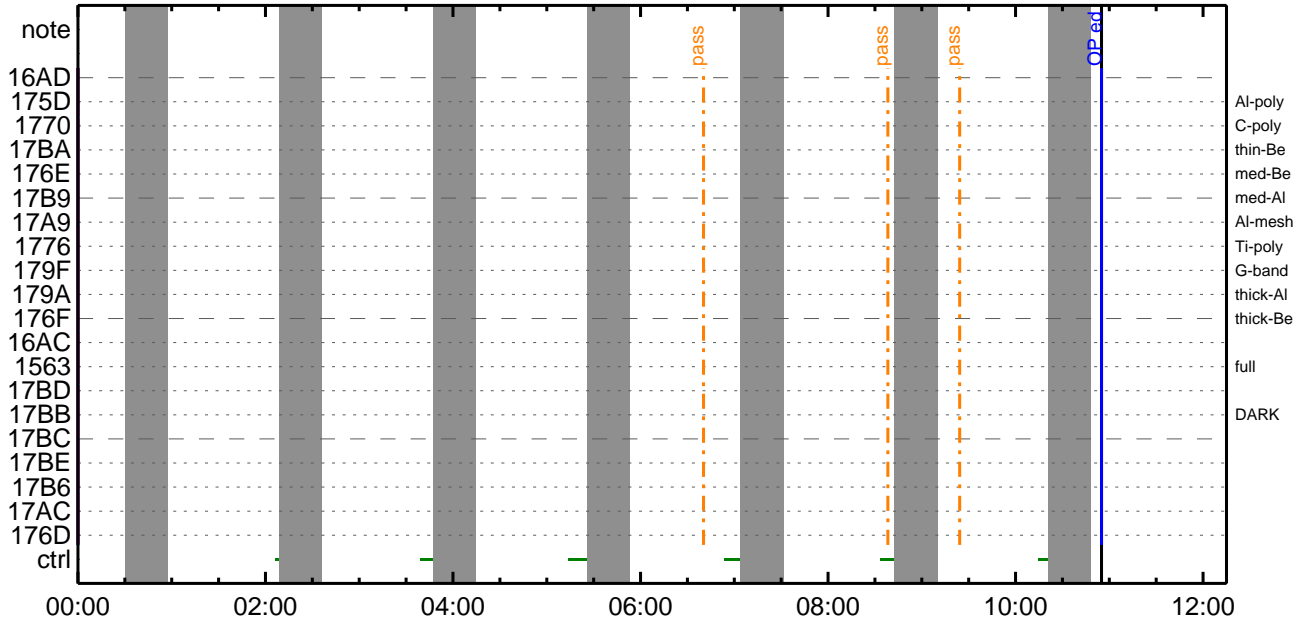
CMDI #0261 2010/05/19



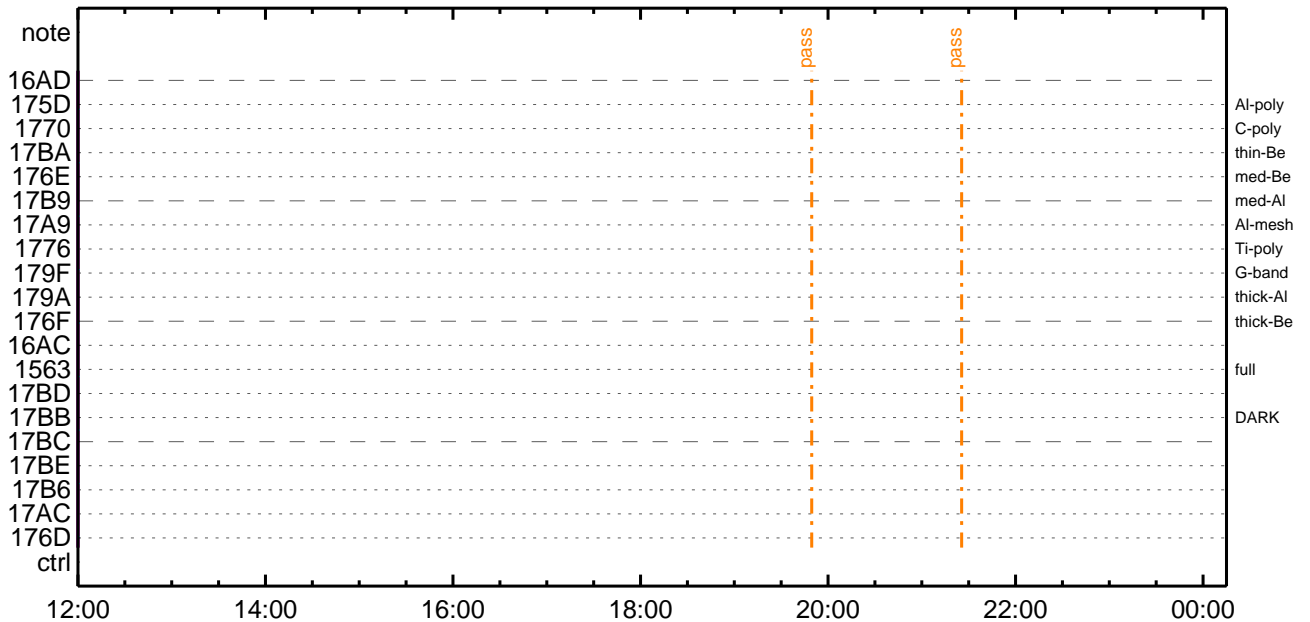
CMDI #0261 2010/05/19



CMDI #0261 2010/05/20



CMDI #0261 2010/05/20




```

0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YEi;4AY6Yx
0100 C. *****
0101 C.
0102 . C. ;ãOP/OGY1;4YEi;ã
0103 . S. OP op-360:OP
0104 C. (
0105 . S. OG og-360:OG
0106 C. (
0107 C.
0108 . C. ;ãNMOG&OPíî°èYAY6Yx;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. YAY6Yx½ª î»ò³ îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 . C. RAM ID=NMOGãî½E¹ç•è² îOKòð³ îÇ§
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. YAY6Yx½ª î»ò³ îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 . C. RAM ID=NMOGãî½E¹ç•è² îOKòð³ îÇ§
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. YAY6Yx½ª î»ò³ îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 . C. RAM ID=NMOG, RAM ID=OPãî½E¹ç•è² îOKòð³ îÇ§
0165 C.
0166 . C. ***** òÊ²¼ò î½Ã´ ¶Á°òÊÊ¬ò°Á÷¿® (¼áµ-YAY6Yx½E½çòðÁÔÃæòÇ¼ª°¬òÊ¼î¹çòÇòâ) *****
0167 C. DHUÿâ;½YEi;Ê½Y½, Yî;½YEi;Êòðîã¹
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 UPLOAD¬-Á÷¿®NGµî½i¹ç;ç°Ê²¼ò îTI-CMDÁ÷¿®î½Á¹Ôª°¬Êªªª³òÊ; f
0180 C. òþò¿;çSETòEDUMPAîÆ±°î½Y¹¹ç¹Ôª|ª³òÊ; f
0181 C.
0182 . C. TIY³YþY6YÊòðÁDî¿(UT)
0183 +. TI 2010-05-15 10:43:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2010-05-15 10:43:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2010-05-15 10:43:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

```



```

0194 C.
0195 +. TI 2010-05-15 10:47:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          çç[HK1_TI_CMD_NUM]                      EQ      1COUNTUP
0198 C.
0199 C. °Ê²¼¼õİÄë%İİñõİŷÄŷ§ŷÄŷ-¹àİÜ
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. TIİİİ°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×½ªİ»õ³İÇ§
0226 C.          çç[HK1_DMP_CHK_FLG]                       EQ      NON
0227 C.
0228 . C. RAM ID=TI_TBLõİİ½È¹ç•è²İOKõõ³İÇ§
0229 C.
0230 . C. DHUŷã;¼ŷÈ;È½ŷ½. ŷİ;¼ŷÈ;Èõõİãõ¹
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 2010-05-15 10:47:30.0
0245 DC 07-FC EIS_MODE_MANU
0246 BC      (21 02)
0247 +. TI 2010-05-15 10:47:40.0
0248 DC 07-FC EIS_MODE_CHG_DIS
0249 BC      (22)
0250 . C.          [ ] [HK1_TI_CMD_NUM]                      EQ      2 COUNTUP
0251 C. ***** End EIS operation (TI set) *****
0252 C.
0253 C.
0254 C. *****
0255 C. SOT TI command set
0256 C. *****
0257 C. Execute, after the success of OP upload.
0258 +. TI 2010-05-15 10:47:16.0
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. ***** MDP ´ûÄİİ»õ¼ŷõÈÄõ¹õÈDCBC•x²è *****
0267 C. (¼ã°İŷÖŷÄŷÈŷŷÈŷáŷçŷèõÈ¼õ¼Ä»Üõ¹õè)
0268 . S. DC-BC dcbc-402:DCBC
0269 (MDP_known_event)
0270 C.
0271 C.
0272 . C. ***** ŷĐŷ¹•İ Daily±çİñõÈ´Øõ¹õÈDCBC•x²è *****
0273 . S. DC-BC dcbc-153:DCBC
0274 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0275 C.
0276 C.
0277 . C. ;ãLOSŷÄŷ§ŷÄŷ-¼Ä»Ü;ã
0278 C.
0279 . C. ***** LOS *****
0280 C.

```



```
0096 + DC 07-F0 MDP_XRT_ROI_SET
0097 BC (cd 09 80 80 20 08)
0098 + DC 07-F0 MDP_XRT_ROI_SET
0099 BC (cd 0a 80 80 08 20)
0100 + DC 07-F0 MDP_XRT_ROI_SET
0101 BC (cd 0f 80 80 06 06)
0102 + DC 07-F0 MDP_XRT_AEC_RESET
0103 BC (d0)
0104 . C. ----- Success Verify ? OK / NG ____
0105 . C.
0106 . C.
0107 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0108 . C.
0109 +. DC 07-F0 MDP_XRT_MODE_OBSV
0110 BC (c2)
0111 +. TI 2010-05-15 10:47:02.0
0112 DC 07-F0 MDP_XRT_MODE_OBSV
0113 BC (c2)
0114 . C. ----- Success Verify ? OK / NG ____
0115 . C.
0116 . C. ***** XRT END *****
0117 . C.
0118 . C. ***** MDP 'ũÃĩñĩ»ö¼ÝñÊÂÐñ¹ñêDCBC•x²è *****
0119 . C. (¼ã°ĩÝÖ¥Ã¥Ê¥Þ¥Ê¥ã¥ç¥èñ¼¼ñ¼Ã»Ûñ¹ñè)
0120 . S. DC-BC dcbc-402:DCBC
0121 (MDP_known_event)
0122 . C.
0123 . C.
0124 . C. ***** ¥D¥¹•ĩ Daily±;ĩÑñÊ´Øñ¹ñèDCBC•x²è *****
0125 . S. DC-BC dcbc-153:DCBC
0126 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0127 . C.
0128 . C.
0129 . C. ;ãLOS¥Ã¥S¥Ã¥-¼Ã»Û;ã
0130 . C.
0131 . C. ***** LOS *****
0132 . C.
```

May 15, 10 13:34

XRT_OGLIST_0261.chk

Page 1/4

*** OP Sequence for XRT ***

2010/05/15	10:57:26.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/15	10:57:28.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/05/15	10:57:48.0	XRT_AEC_RESET_428_OG [0x1ac]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2010/05/15	10:57:50.0	XRT_FLD_ENA_402_OG [0x192]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/05/15	10:57:52.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/05/15	10:57:54.0	XRT_FLD_RESET_403_OG [0x193]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/05/15	10:57:56.0	XRT_ARS_DIS_405_OG [0x195]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/05/15	10:58:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2010/05/15	11:00:30.0	XRT_QT_PROG_SET_422_OG [0x1a6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04				
2010/05/15	11:00:32.0	XRT_FL_PROG_SET_442_OG [0x1ba]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2010/05/15	11:00:34.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/15	12:10:30.5	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/15	12:36:30.0	XRT_Custom_410_OG [0x19a]							
2010/05/15	12:37:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/15	13:49:00.5	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/15	13:58:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/15	18:03:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/15	18:03:26.0	XRT_FOCUS_POSITION_412_OG [0x19c]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2010/05/15	18:03:30.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2010/05/15	18:03:46.0	XRT_FLD_DIS_413_OG [0x19d]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/05/15	18:03:48.0	XRT_FLRCTRL_DIS_414_OG [0x19e]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/05/15	18:03:50.0	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/05/15	18:06:28.0	XRT_QT_PROG_SET_438_OG [0x1b6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f				
2010/05/15	18:06:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/15	18:13:26.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/15	18:13:28.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/05/15	18:13:30.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 1c 18 b3 1b				
2010/05/15	18:13:48.0	XRT_AEC_RESET_428_OG [0x1ac]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2010/05/15	18:13:50.0	XRT_FLD_ENA_402_OG [0x192]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/05/15	18:13:52.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/05/15	18:13:54.0	XRT_FLD_RESET_403_OG [0x193]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/05/15	18:13:56.0	XRT_ARS_DIS_405_OG [0x195]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/05/15	18:16:30.0	XRT_QT_PROG_SET_417_OG [0x1a1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2010/05/15	18:16:32.0	XRT_FL_PROG_SET_442_OG [0x1ba]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2010/05/15	18:16:34.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/15	18:44:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/15	19:24:30.0	XRT_Custom_410_OG [0x19a]							
2010/05/15	19:25:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/15	20:23:00.5	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/15	21:02:00.0	XRT_Custom_410_OG [0x19a]							
2010/05/15	21:03:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/15	22:01:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/15	22:38:00.0	XRT_Custom_410_OG [0x19a]							
2010/05/15	22:39:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/15	23:40:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/16	00:06:00.0	XRT_Custom_410_OG [0x19a]							
2010/05/16	00:07:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/16	01:18:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				

May 15, 10 13:34

XRT_OGLIST_0261.chk

Page 2/4

2010/05/16	01:44:30.0	XRT_Custom_410_OG [0x19a]							
2010/05/16	01:45:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/16	02:52:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/16	03:23:00.0	XRT_Custom_410_OG [0x19a]							
2010/05/16	03:24:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/16	04:21:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/16	05:01:30.0	XRT_Custom_410_OG [0x19a]							
2010/05/16	05:02:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/16	05:34:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/16	05:34:26.0	XRT_FOCUS_POSITION_412_OG [0x19c]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2010/05/16	05:34:30.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2010/05/16	05:34:46.0	XRT_FLD_DIS_413_OG [0x19d]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/05/16	05:34:48.0	XRT_FLRCTRL_DIS_414_OG [0x19e]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/05/16	05:34:50.0	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/05/16	05:37:28.0	XRT_QT_PROG_SET_438_OG [0x1b6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f				
2010/05/16	05:37:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/16	05:44:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/16	05:44:26.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/05/16	05:44:30.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 1c 18 b3 1b				
2010/05/16	05:44:46.0	XRT_AEC_RESET_428_OG [0x1ac]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2010/05/16	05:44:48.0	XRT_FLD_ENA_402_OG [0x192]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/05/16	05:44:50.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/05/16	05:44:52.0	XRT_FLD_RESET_403_OG [0x193]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/05/16	05:44:54.0	XRT_ARS_DIS_405_OG [0x195]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/05/16	05:47:28.0	XRT_QT_PROG_SET_417_OG [0x1a1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2010/05/16	05:47:30.5	XRT_FL_PROG_SET_442_OG [0x1ba]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2010/05/16	05:47:32.5	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/16	06:02:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/16	06:40:00.0	XRT_Custom_410_OG [0x19a]							
2010/05/16	06:41:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/16	07:42:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/16	08:18:30.0	XRT_Custom_410_OG [0x19a]							
2010/05/16	08:19:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/16	09:22:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/16	09:25:20.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/16	09:30:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2010/05/16	18:24:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/16	18:24:26.0	XRT_FOCUS_POSITION_412_OG [0x19c]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2010/05/16	18:24:30.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2010/05/16	18:24:46.0	XRT_FLD_DIS_413_OG [0x19d]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/05/16	18:24:48.0	XRT_FLRCTRL_DIS_414_OG [0x19e]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/05/16	18:24:50.0	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/05/16	18:27:28.0	XRT_QT_PROG_SET_438_OG [0x1b6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f				
2010/05/16	18:27:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/16	18:33:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/16	18:33:26.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/05/16	18:33:46.0	XRT_AEC_RESET_428_OG [0x1ac]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2010/05/16	18:33:48.0	XRT_FLD_ENA_402_OG [0x192]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/05/16	18:33:50.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				

May 15, 10 13:34

XRT_OGLIST_0261.chk

Page 3/4

2010/05/16	18:33:52.0	XRT_FLD_RESET_403_OG [0x193]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/05/16	18:33:54.0	XRT_ARS_DIS_405_OG [0x195]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/05/16	18:34:30.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 1c 18 b3 1b				
2010/05/16	18:36:28.0	XRT_QT_PROG_SET_417_OG [0x1a1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2010/05/16	18:36:30.0	XRT_FL_PROG_SET_442_OG [0x1ba]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2010/05/16	18:36:32.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/16	19:21:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/16	20:01:30.0	XRT_Custom_410_OG [0x19a]							
2010/05/16	20:02:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/16	21:00:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/16	21:38:30.0	XRT_Custom_410_OG [0x19a]							
2010/05/16	21:39:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/16	22:38:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/16	23:13:30.0	XRT_Custom_410_OG [0x19a]							
2010/05/16	23:14:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/17	00:17:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/17	00:43:30.0	XRT_Custom_410_OG [0x19a]							
2010/05/17	00:44:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/17	01:53:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/17	02:22:00.0	XRT_Custom_410_OG [0x19a]							
2010/05/17	02:23:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/17	03:29:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/17	04:00:30.0	XRT_Custom_410_OG [0x19a]							
2010/05/17	04:01:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/17	04:59:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/17	05:39:00.0	XRT_Custom_410_OG [0x19a]							
2010/05/17	05:40:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/17	05:55:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/17	05:55:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2010/05/17	05:56:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2010/05/17	05:56:16.0	XRT_FLD_DIS_413_OG [0x19d]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/05/17	05:56:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/05/17	05:56:20.0	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/05/17	05:58:58.0	XRT_QT_PROG_SET_438_OG [0x1b6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f				
2010/05/17	05:59:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/17	06:05:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/17	06:05:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/05/17	06:06:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 1c 18 b3 1b				
2010/05/17	06:06:16.0	XRT_AEC_RESET_428_OG [0x1ac]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2010/05/17	06:06:18.0	XRT_FLD_ENA_402_OG [0x192]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/05/17	06:06:20.0	XRT_FLRCTRL_ENA_418_OG [0x1a2]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/05/17	06:06:22.0	XRT_FLD_RESET_403_OG [0x193]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/05/17	06:06:24.0	XRT_ARS_DIS_405_OG [0x195]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/05/17	06:08:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2010/05/17	06:09:00.0	XRT_FL_PROG_SET_442_OG [0x1ba]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2010/05/17	06:09:02.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/17	06:40:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/17	07:17:30.0	XRT_Custom_410_OG [0x19a]							
2010/05/17	07:18:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/17	08:20:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/17	08:56:00.0	XRT_Custom_410_OG [0x19a]							

Monday May 17, 2010

3/4

2010/05/17	08:57:00.0	XRT_CTRL_AUTO_411_OG [0x19b]									
		MDP_XRT_CTRL_AUTO	1	07-F0	c0						
2010/05/17	10:00:30.0	XRT_CTRL_MANU_409_OG [0x199]									
		MDP_XRT_CTRL_MANU	1	07-F0	c1						
2010/05/17	10:52:00.0	AOCS_ORe-point_Start_2_OG [0x098]									
		AOCU_NM	5	02-76	00 00 00 00 00						