

XRT Timeline to be uploaded on 2010/03/25

Period: 2010/03/25 10:48:00 - 2010/03/30 10:38:00

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Normal mode

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XOB #1799: Ti/Poly - 384x384 - AEC 1 - 90s - G-band Co-align 512x512												
Term	Pointing (x, y)							Comment				
03/25 11:01:00 - 03/25 17:59:54	Track (693.0, 393.2) ^{Ⓢ 03/25 10:58:00}	# OP start + 10min, AR 11056 with HOP-155 with SOHO/CDS (officially 11-15UT)										
03/26 06:19:00 - 03/26 09:34:54	Track (816.1, 381.4) ^{Ⓢ 03/26 06:16:00}	# Return to AR 11056										
PROG= 16 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	512x512 (1024, 1024)	Q=98	0	0	2.0sec
└─ Seqn= 17 20-time(s) 90.0sec												
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	250ms	Obs 1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1754: Synoptic Q95 2x2 - Al/mesh(64/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(128/2048) + G-band(16												
Term	Pointing (x, y)							Comment				
03/25 18:03:00 - 03/25 18:09:54	Fixed (0.0, 0.0)	synoptic										
03/26 06:09:00 - 03/26 06:15:54	Fixed (0.0, 0.0)	synoptic, shifted 6.0 min										
03/26 17:08:00 - 03/26 17:14:54	Fixed (0.0, 0.0)	synoptic, shifted manually -55 min										
03/27 09:18:00 - 03/27 09:27:30	Fixed (0.0, 0.0)	synoptic added manually										
PROG= 01 1-time(s)												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 6 1-time(s) 4.0sec												
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	63ms	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= 7 1-time(s) 4.0sec												
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	125ms	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 #1797: HOP 154 - Ti/Poly - 384x384 - AEC 1 - 30s - G-band Co-align												
Term	Pointing (x, y)							Comment				
03/25 18:13:00 - 03/26 01:05:02	Track (767.0, 392.6) ^{Ⓢ 03/25 18:10:00}	# AR tracking with HOP-156 with TRACE (officially 00-06UT)										
03/26 04:21:38 - 03/26 06:05:54	Track (767.0, 392.6) ^{Ⓢ 03/25 18:10:00}	# AR tracking with HOP-156 with TRACE (officially 00-06UT)										
PROG= 03 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	512x512 (1024, 1024)	Q=98	0	0	2.0sec
└─ Seqn= 17 20-time(s) 30.0sec												
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	250ms	Obs 1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1798: HOP 154 - Ti/Poly - 384x384 - AEC 1 - 15s - G-band Co-align												
Term	Pointing (x, y)							Comment				
03/26 01:08:08 - 03/26 03:50:00	Track (767.0, 392.6) ^{Ⓢ 03/25 18:10:00}	# AR tracking with HOP-156 with TRACE (officially 00-06UT)										
PROG= 13 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	512x512 (1024, 1024)	Q=98	0	0	2.0sec
└─ Seqn= 17 20-time(s) 15.0sec												
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	250ms	Obs 1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #179A: Full Sun - Al/Mesh - Ti/Poly - 4x4 - AEC1 - 5 min cadence												
Term	Pointing (x, y)							Comment				
03/26 09:38:00 - 03/26 17:04:54	Fixed (-16.0, 933.0)	# HOP-81 at the North Pole										
PROG= 14 Inf.-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 31 1-time(s) 300.0sec												
	Open/Al-mesh	Open/thick-Al	close	Safe	Norm	16ms	Obs 4x4	2048x2048 (1024, 1024)	Q=95	1	0	2.0sec
	Open/Ti-poly	Open/thick-Be	close	Safe	Norm	63ms	Obs 4x4	2048x2048 (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 #1793: HOP 152 - Ti/Poly - 384x384 - AEC0 - 5796ms - 40s cad - G-band Co-align- 1064 1048												
Term	Pointing (x, y)		Comment									
03/26 17:18:00 - 03/27 09:14:54	Fixed (-16.0, -921.0)		# HOP-101 (helioseismology)									
PROG= 12 Inf.-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 13 1-time(s) 2.0sec												
└─ Open/G-band Open/G-band open Safe Norm 63ms Obs 1x1 384x384 (1064, 1048) Q=98 0 0 2.0sec												
└─ Seqn= 21 20-time(s) 40.0sec												
└─ Open/Ti-poly Open/thick-Al close Safe Norm 5.66s Obs 1x1 384x384 (1064, 1048) Q=92 0 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									
03/25 11:01:00 - 03/25 17:59:54	Track (693.0, 393.2) @ 03/25 10:58:00		# OP start + 10min, AR 11056 with HOP-155 with SOHO/CDS (officially 11-15UT)									
03/25 18:13:00 - 03/26 01:05:02	Track (767.0, 392.6) @ 03/25 18:10:00		# AR tracking with HOP-156 with TRACE (officially 00-06UT)									
03/26 01:08:08 - 03/26 03:50:00	Track (767.0, 392.6) @ 03/25 18:10:00		# AR tracking with HOP-156 with TRACE (officially 00-06UT)									
03/26 04:21:38 - 03/26 06:05:54	Track (767.0, 392.6) @ 03/25 18:10:00		# AR tracking with HOP-156 with TRACE (officially 00-06UT)									
03/26 06:19:00 - 03/26 09:34:54	Track (816.1, 381.4) @ 03/26 06:16:00		# Return to AR 11056									
03/26 09:38:00 - 03/26 17:04:54	Fixed (-16.0, 933.0)		# HOP-81 at the North Pole									
03/26 17:18:00 - 03/27 09:14:54	Fixed (-16.0, -921.0)		# HOP-101 (helioseismology)									
PROG= 02 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-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= 3 25-time(s) 2.0sec												
└─ Seqn= 9 1-time(s) 600.0sec												
└─ 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												
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

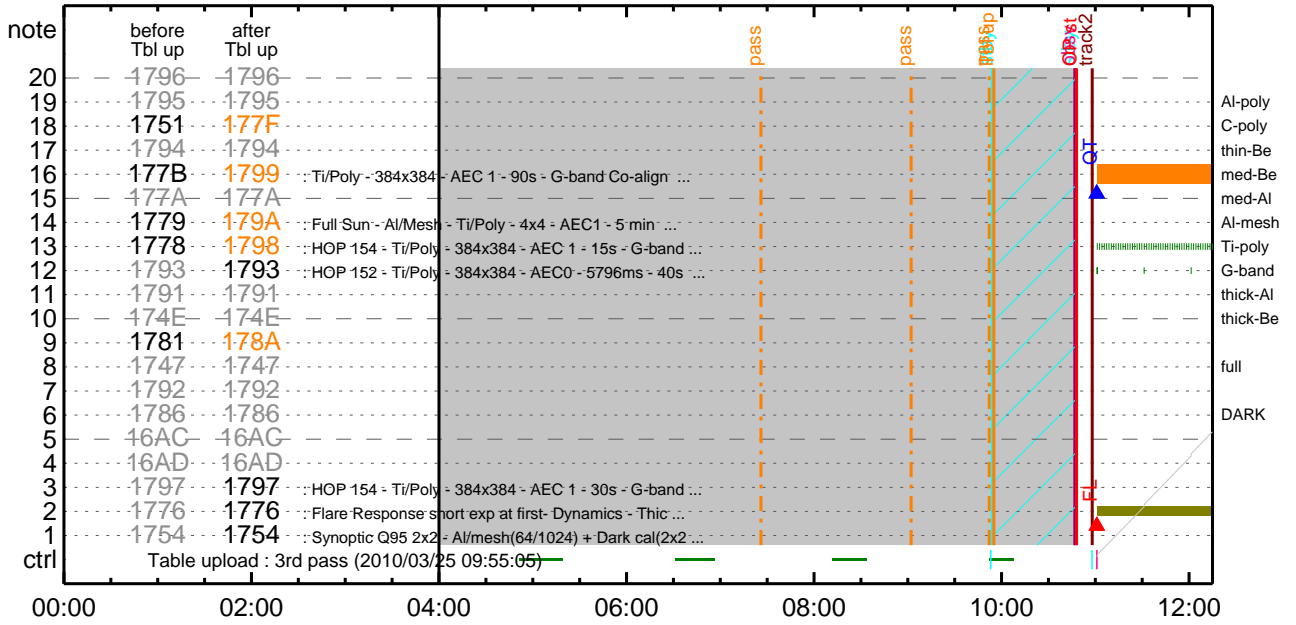
* * * * * **Active Region Search** * * * * *

NOT USED

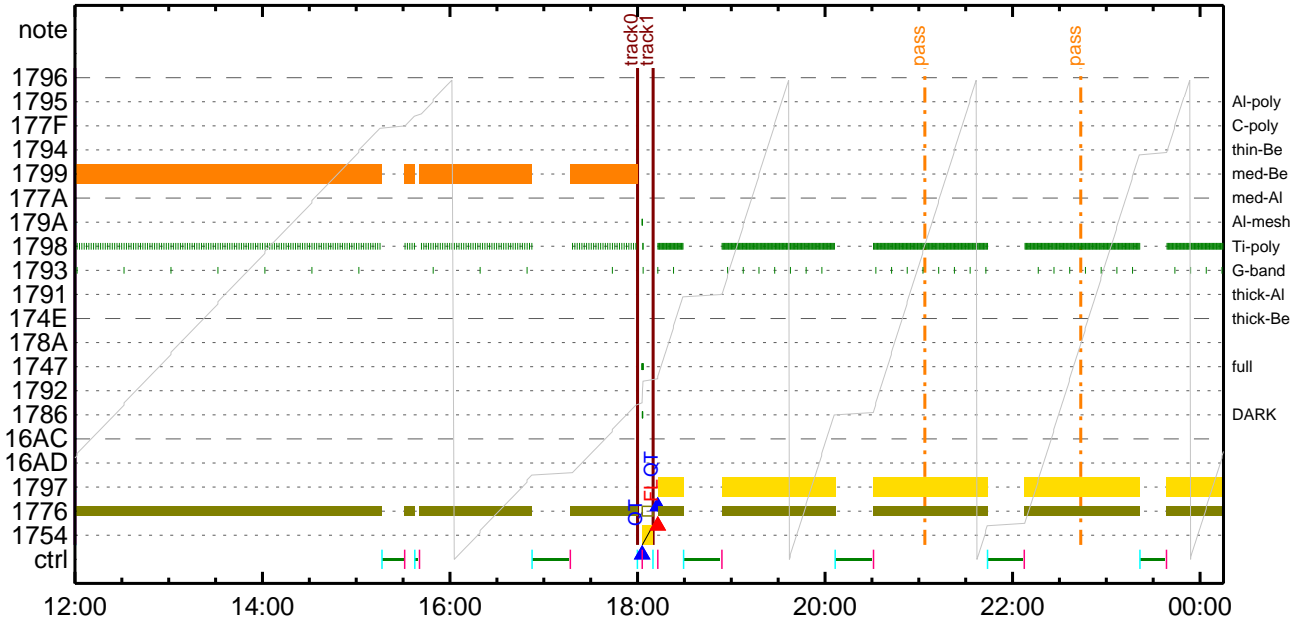
* * * * * **Flare Detection** * * * * *

FLD Patrol												
Term	Pointing (x, y)		Comment									
03/25 10:58:16 - 03/25 18:00:16	Track (693.0, 393.2) @ 03/25 10:58:00		# OP start + 10min, AR 11056 with HOP-155 with SOHO/CDS (officially 11-15UT)									
03/25 18:10:16 - 03/26 06:06:16	Track (767.0, 392.6) @ 03/25 18:10:00		# AR tracking with HOP-156 with TRACE (officially 00-06UT)									
03/26 06:16:16 - 03/26 17:05:16	Track (816.1, 381.4) @ 03/26 06:16:00		# Return to AR 11056									
03/26 17:15:16 - 03/27 09:15:16	Fixed (-16.0, -921.0)		# HOP-101 (helioseismology)									
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	8ms	Obs	8x8		Q=50		120sec	
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

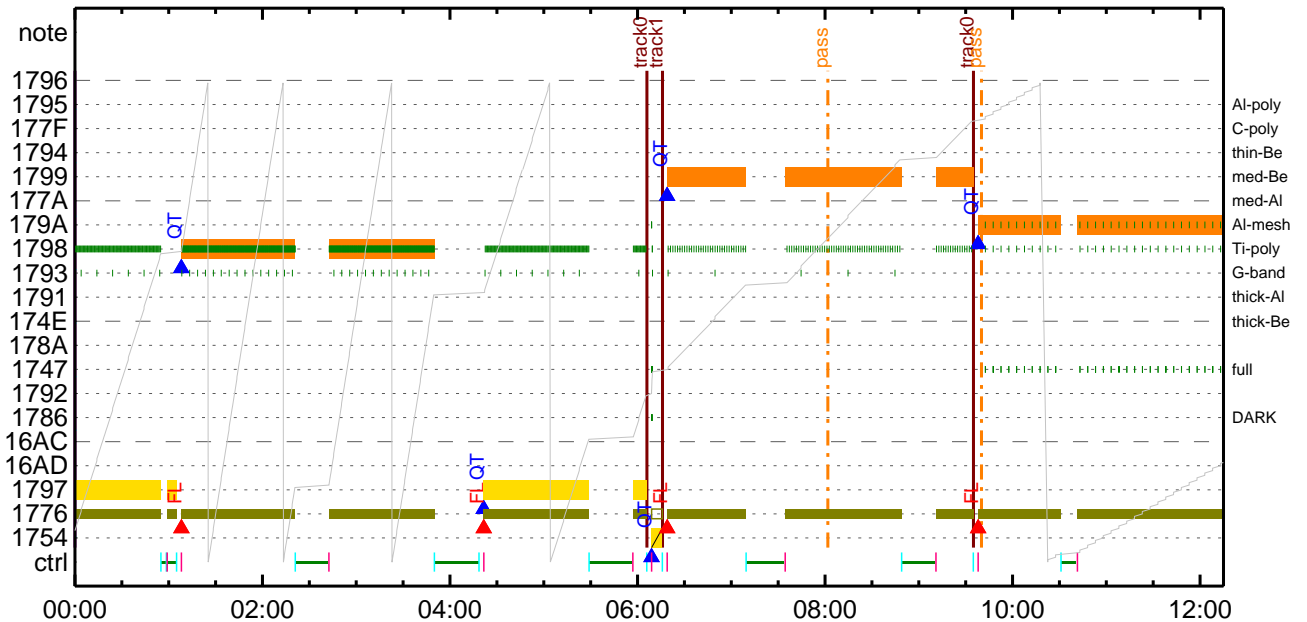
CMDI #0174 2010/03/25



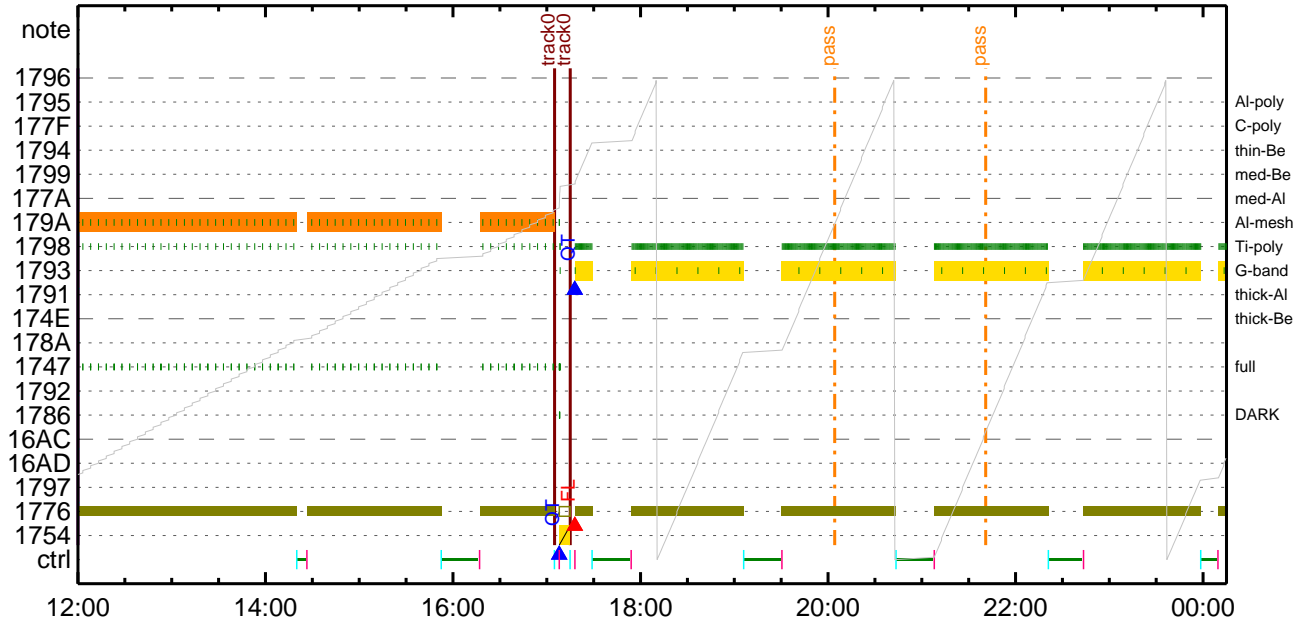
CMDI #0174 2010/03/25



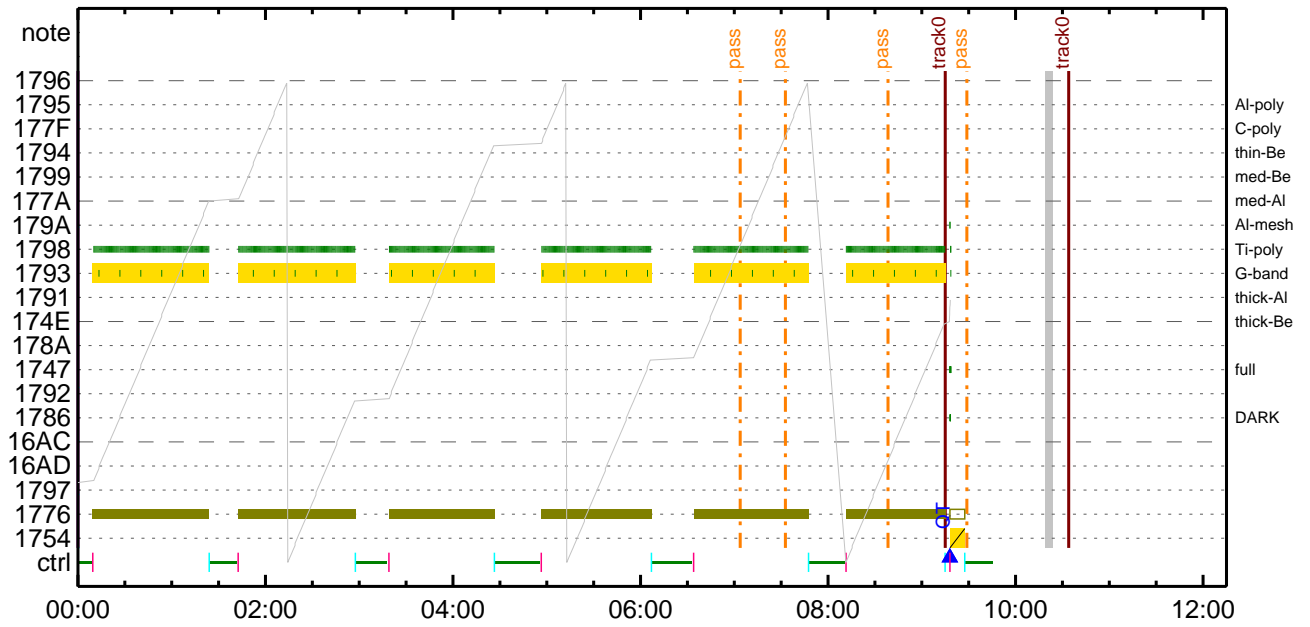
CMDI #0174 2010/03/26



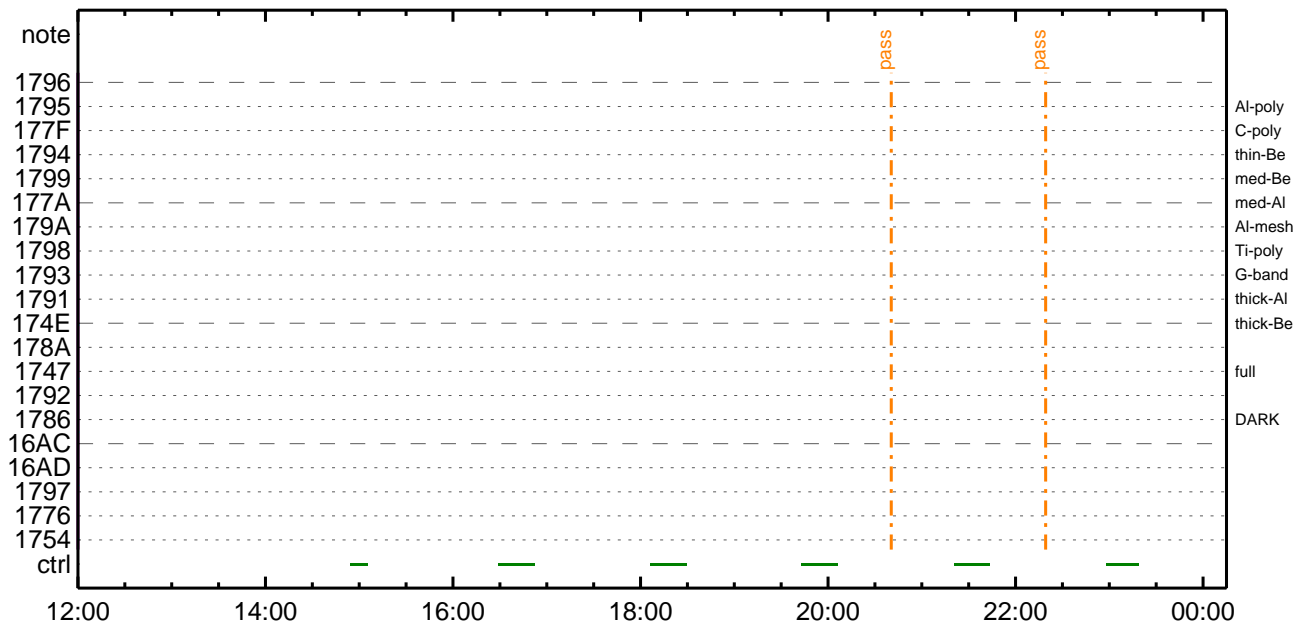
CMDI #0174 2010/03/26



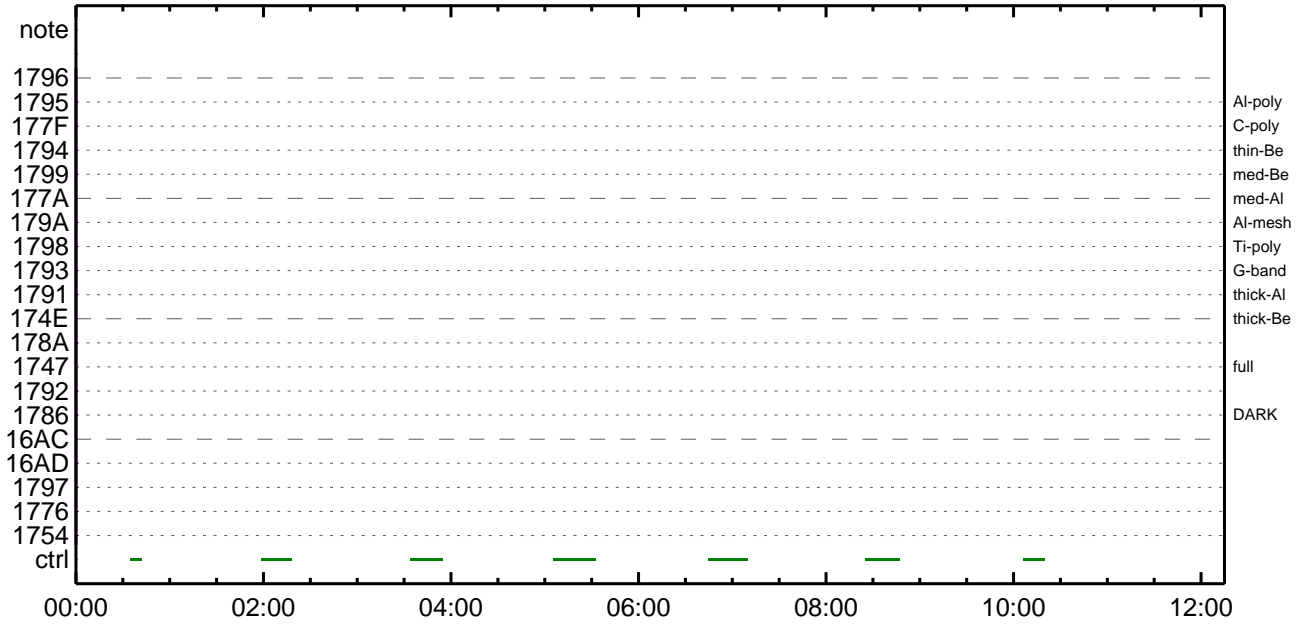
CMDI #0174 2010/03/27



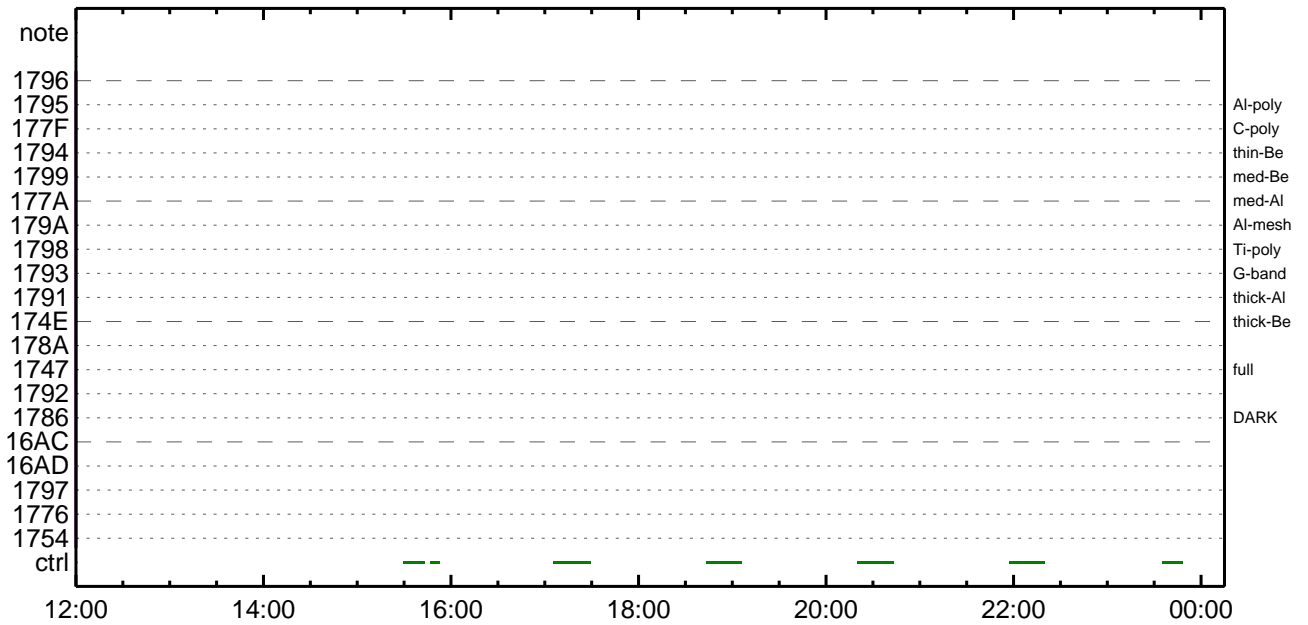
CMDI #0174 2010/03/27



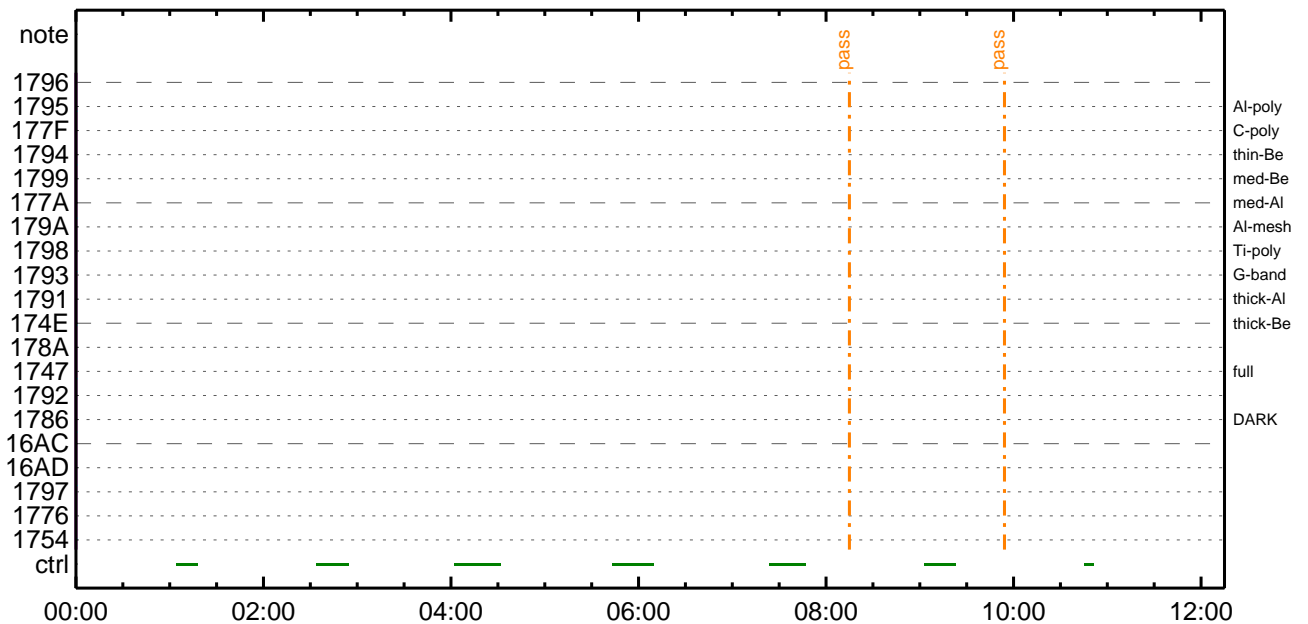
CMDI #0174 2010/03/28



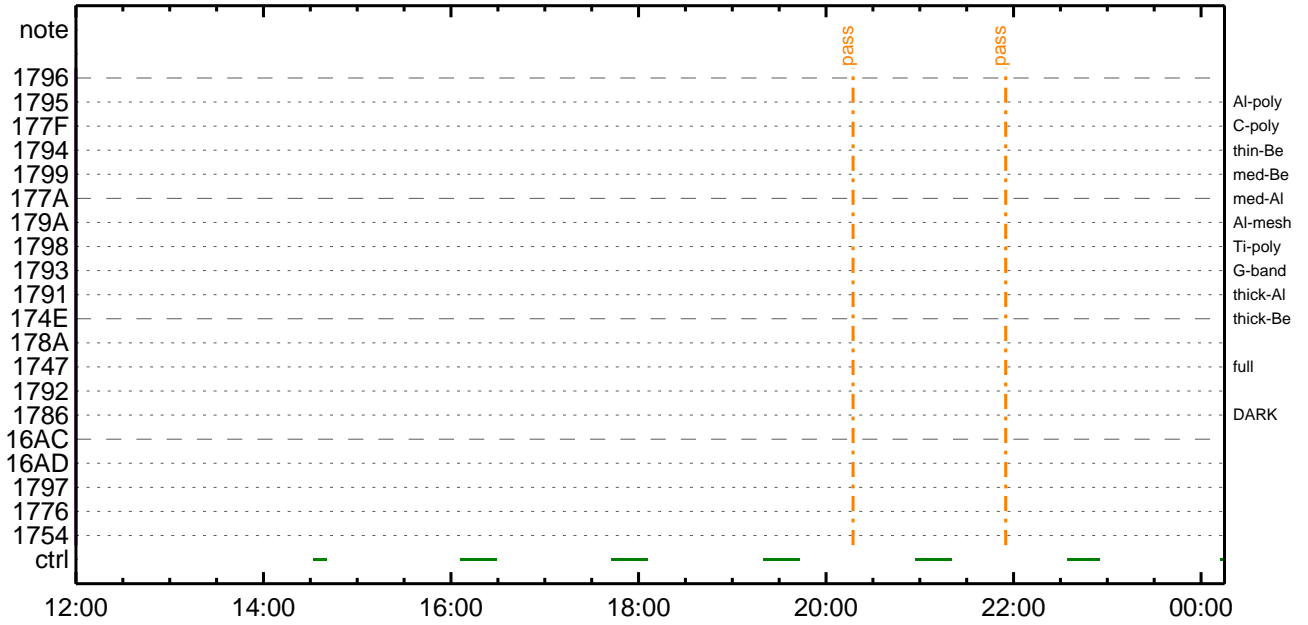
CMDI #0174 2010/03/28



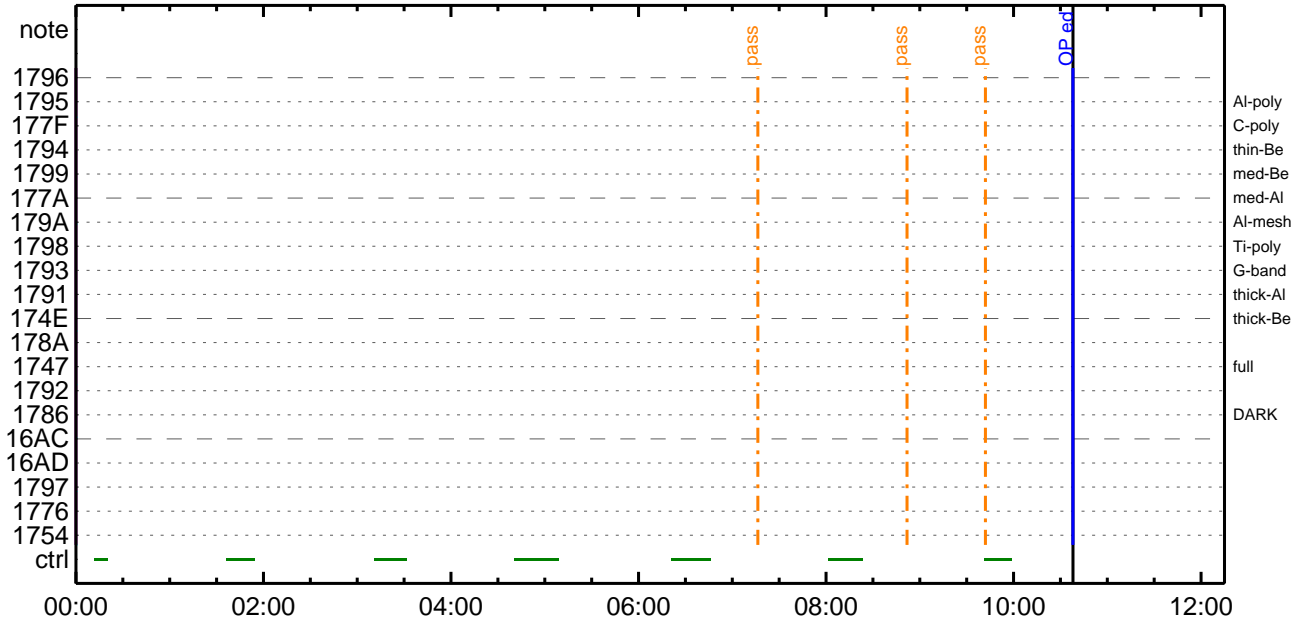
CMDI #0174 2010/03/29



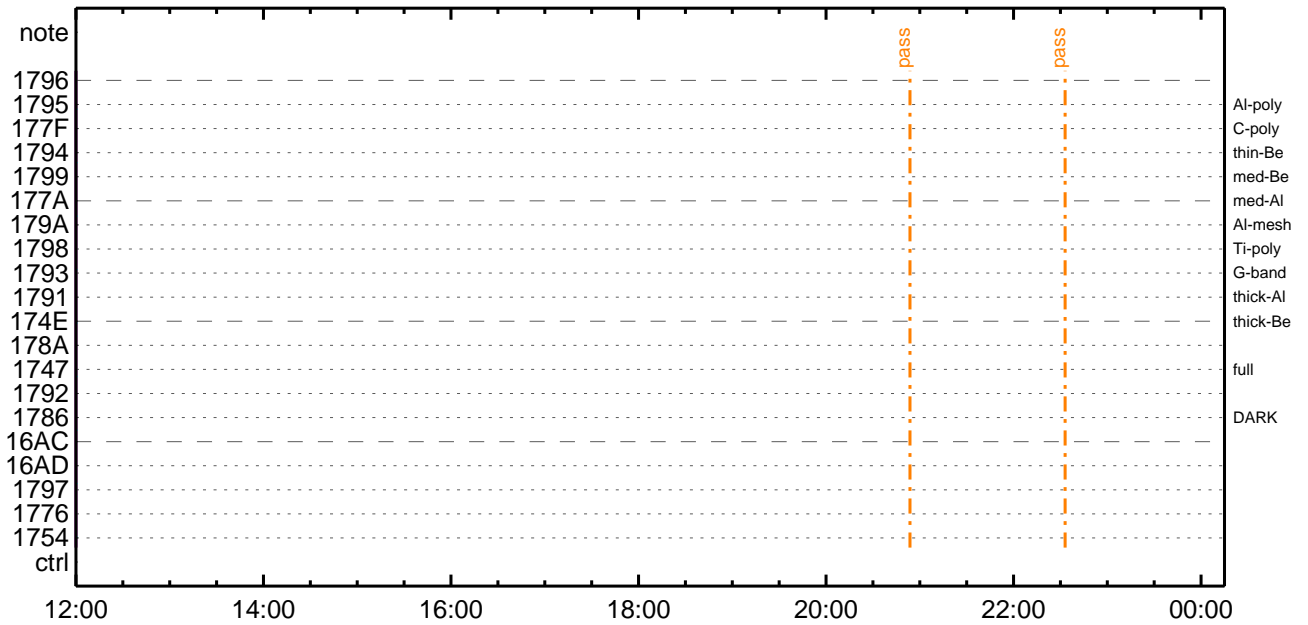
CMDI #0174 2010/03/29



CMDI #0174 2010/03/30



CMDI #0174 2010/03/30




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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-256:OP
0104 ( )
0105 S. OG og-256:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPîî°èYAYOYx;ã
0109 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç[HK1_PKT_FORM_NO] EQ 7
0120 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 C. YAYOYx½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG²î¼E¹ç•è²îOKò³îÇ§
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. çç[HK1_PKT_FORM_NO] EQ 7
0139 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 C. YAYOYx½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG²î¼E¹ç•è²îOKò³îÇ§
0146 C.
0147 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. çç[HK1_PKT_FORM_NO] EQ 7
0158 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 C. YAYOYx½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OP²î¼E¹ç•è²îOKò³îÇ§
0165 C.
0166 C. ***** °E²¼òî¼Ã´¶Á°òEÉ¬ò°Á÷¿@ (¼âµ-YAYOYx½ê¼çòðÁÓÆòÇ¼ª°¬òE¼î¹çòçòâ) *****
0167 C. DHUYâ;4YE;E¼Y½, Yî;4YE;Eòðîã¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç[HK1_PKT_FORM_NO] EQ 2
0171 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 C. NOTICE ;§ OPOG UPLOAD²-Á÷¿@NG²î¼î¹ç;ç°E²¼òî¼TI-CMDÁ÷¿@²î¼Á¹Ôª°¬E²ò³òE;f
0180 C. ²²ò¿;çSET²EEDUMP²î¼±°îYNY¹ç¹Ôª|²³òE;f
0181 C.
0182 C. TIY³Y²YóYÉòðÁDî¿(UT)
0183 +. TI 2010-03-25 10:43:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2010-03-25 10:43:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2010-03-25 10:43:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

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(a) Spacecraft Operation Procedure (real-commands)

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main-258 2010-03-25 13:57:42 112 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¿øÁø•µ°ÈÍ×ÁÇøíYçYÁY×Yí;¼YÉ;ÈÈèµ•ííÉ;ÈøÈ¼°Çøø•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 80 80 08 08)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 07 85 83 06 06)
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 20 08)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 0a 80 80 08 20)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0f 80 80 06 06)
0052 + DC 07-F0 MDP_XRT_AEC_RESET
0053 BC (d0)
0054 . C. ----- Success Verify ? OK / NG ____
0055 C.
0056 C.
0057 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0058 C.
0059 +. TI 2010-03-25 10:47:02.0
0060 DC 07-F0 MDP_XRT_MODE_OBSV
0061 BC (c2)
0062 . C. ----- Success Verify ? OK / NG ____
0063 C.
0064 C. ***** XRT END *****
0065 . C. *****
0066 C. SOT table upload
0067 C. *****
0068 . C. < Stop FG table >
0069 +. DC 07-F0 MDP_FG_CTRL_MANU
0070 BC (51)
0071 . C. -----
0072 C. MDP_FG_CTRL_MODE = MANU [ ]
0073 C. -----
0074 C.
0075 . C. <Upload FG Observation Table>
0076 . S. RAM ram-265:MDP_OBS_F
0077 ( )
0078 C.
0079 . C. < Dump RAMID=MDP_OBS_F >
0080 +. DC 07-F0 MDP_DUMP_FGTBL
0081 BC (82 07 00 00 00 38 b8)
0082 C. -----
0083 C. MDP_OBS_F verify = OK/NG [ ]
0084 C. -----
0085 C.
0086 C. *****
0087 C. SOT TI command set
0088 C. *****
0089 C. Execute, after the success of TBL upload.
0090 +. TI 2010-03-25 10:47:18.0
0091 DC 07-F0 MDP_SOT_MODE_OBSV
0092 BC (40)
0093 . C. -----
0094 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0095 C. -----
```


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*** OP Sequence for XRT ***

2010/03/25	10:57:54.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/25	10:57:56.0	XRT_FOCUS_POSITION_401_OG [0x191]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2010/03/25	10:58:00.0	AOCS_Ore-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	02 00 9b 01 68		
2010/03/25	10:58:16.0	XRT_FLD_ENA_402_OG [0x192]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2010/03/25	10:58:18.0	XRT_FLRCTRL_ENA_404_OG [0x194]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2010/03/25	10:58:20.0	XRT_FLD_RESET_403_OG [0x193]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2010/03/25	10:58:22.0	XRT_ARS_DIS_405_OG [0x195]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/03/25	11:00:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10		
2010/03/25	11:00:58.0	XRT_FL_PROG_SET_407_OG [0x197]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 02		
2010/03/25	11:01:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/25	15:16:30.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/25	15:30:00.0	XRT_Custom_410_OG [0x19a]					
2010/03/25	15:31:00.0	XRT_CTRL_AUTO_411_OG [0x19b]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/25	15:37:30.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/25	15:39:30.0	XRT_Custom_410_OG [0x19a]					
2010/03/25	15:40:30.0	XRT_CTRL_AUTO_411_OG [0x19b]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/25	16:52:30.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/25	17:16:00.0	XRT_Custom_410_OG [0x19a]					
2010/03/25	17:17:00.0	XRT_CTRL_AUTO_411_OG [0x19b]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/25	17:59:54.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/25	17:59:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2010/03/25	18:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2010/03/25	18:00:16.0	XRT_FLD_DIS_413_OG [0x19d]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2010/03/25	18:00:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2010/03/25	18:00:20.0	XRT_ARS_DIS_415_OG [0x19f]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/03/25	18:02:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01		
2010/03/25	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/25	18:09:54.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/25	18:09:56.0	XRT_FOCUS_POSITION_401_OG [0x191]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2010/03/25	18:10:00.0	AOCS_Ore-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	01 00 00 00 00		
2010/03/25	18:10:16.0	XRT_FLD_ENA_402_OG [0x192]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2010/03/25	18:10:18.0	XRT_FLRCTRL_ENA_404_OG [0x194]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2010/03/25	18:10:20.0	XRT_FLD_RESET_403_OG [0x193]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2010/03/25	18:10:22.0	XRT_ARS_DIS_405_OG [0x195]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/03/25	18:12:56.0	XRT_QT_PROG_SET_418_OG [0x1a2]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03		
2010/03/25	18:12:58.0	XRT_FL_PROG_SET_407_OG [0x197]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 02		
2010/03/25	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/25	18:29:30.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/25	18:53:00.0	XRT_Custom_410_OG [0x19a]					
2010/03/25	18:54:00.0	XRT_CTRL_AUTO_411_OG [0x19b]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/25	20:06:30.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/25	20:30:00.0	XRT_Custom_410_OG [0x19a]					
2010/03/25	20:31:00.0	XRT_CTRL_AUTO_411_OG [0x19b]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/25	21:44:00.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/25	22:06:30.0	XRT_Custom_410_OG [0x19a]					
2010/03/25	22:07:30.0	XRT_CTRL_AUTO_411_OG [0x19b]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/25	23:21:30.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/25	23:37:30.0	XRT_Custom_410_OG [0x19a]					
2010/03/25	23:38:30.0	XRT_CTRL_AUTO_411_OG [0x19b]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		

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2010/03/26	00:55:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/26	00:58:00.0	XRT_Custom_410_OG [0x19a]							
2010/03/26	00:58:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/26	00:59:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/26	01:05:02.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/26	01:05:04.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/03/26	01:05:24.0	XRT_FLD_ENA_402_OG [0x192]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/03/26	01:05:26.0	XRT_FLRCTRL_ENA_404_OG [0x194]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/03/26	01:05:28.0	XRT_FLD_RESET_403_OG [0x193]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/03/26	01:05:30.0	XRT_ARS_DIS_405_OG [0x195]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/03/26	01:08:04.0	XRT_QT_PROG_SET_435_OG [0x1b3]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2010/03/26	01:08:06.0	XRT_FL_PROG_SET_407_OG [0x197]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 02				
2010/03/26	01:08:08.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/26	02:21:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/26	02:41:30.0	XRT_Custom_410_OG [0x19a]							
2010/03/26	02:42:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/26	03:50:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/26	04:18:32.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/26	04:18:34.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/03/26	04:18:54.0	XRT_FLD_ENA_402_OG [0x192]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/03/26	04:18:56.0	XRT_FLRCTRL_ENA_404_OG [0x194]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/03/26	04:18:58.0	XRT_FLD_RESET_403_OG [0x193]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/03/26	04:19:00.0	XRT_ARS_DIS_405_OG [0x195]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/03/26	04:21:34.0	XRT_QT_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2010/03/26	04:21:36.0	XRT_FL_PROG_SET_407_OG [0x197]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 02				
2010/03/26	04:21:38.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/26	05:29:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/26	05:56:00.0	XRT_Custom_410_OG [0x19a]							
2010/03/26	05:57:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/26	06:05:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/26	06:05:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2010/03/26	06:06:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2010/03/26	06:06:16.0	XRT_FLD_DIS_413_OG [0x19d]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/03/26	06:06:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/03/26	06:06:20.0	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/03/26	06:08:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01				
2010/03/26	06:09:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/26	06:15:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/26	06:15:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/03/26	06:16:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2010/03/26	06:16:16.0	XRT_FLD_ENA_402_OG [0x192]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/03/26	06:16:18.0	XRT_FLRCTRL_ENA_404_OG [0x194]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/03/26	06:16:20.0	XRT_FLD_RESET_403_OG [0x193]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/03/26	06:16:22.0	XRT_ARS_DIS_405_OG [0x195]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/03/26	06:18:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2010/03/26	06:18:58.0	XRT_FL_PROG_SET_407_OG [0x197]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 02				
2010/03/26	06:19:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/26	07:09:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				

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2010/03/26	07:33:30.0	XRT_Custom_410_OG [0x19a]							
2010/03/26	07:34:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/26	08:49:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/26	09:10:00.5	XRT_Custom_410_OG [0x19a]							
2010/03/26	09:11:00.5	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/26	09:34:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/26	09:34:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/03/26	09:35:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 ad 0f 01 68				
2010/03/26	09:35:16.0	XRT_FLD_ENA_402_OG [0x192]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/03/26	09:35:18.0	XRT_FLD_RESET_403_OG [0x193]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/03/26	09:35:20.0	XRT_FLRCTRL_ENA_404_OG [0x194]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/03/26	09:35:22.0	XRT_ARS_DIS_405_OG [0x195]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/03/26	09:37:56.0	XRT_QT_PROG_SET_437_OG [0x1b5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2010/03/26	09:37:58.0	XRT_FL_PROG_SET_407_OG [0x197]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 02				
2010/03/26	09:38:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/26	10:31:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/26	10:40:30.0	XRT_Custom_410_OG [0x19a]							
2010/03/26	10:41:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/26	14:20:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/26	14:25:30.0	XRT_Custom_410_OG [0x19a]							
2010/03/26	14:26:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/26	15:52:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/26	16:16:00.0	XRT_Custom_410_OG [0x19a]							
2010/03/26	16:17:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/26	17:04:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/26	17:04:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2010/03/26	17:05:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2010/03/26	17:05:16.0	XRT_FLD_DIS_413_OG [0x19d]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/03/26	17:05:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/03/26	17:05:20.0	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/03/26	17:07:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01				
2010/03/26	17:08:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/26	17:14:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/26	17:14:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/03/26	17:15:00.0	AOCS_Ore-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00 51 db 01 68				
2010/03/26	17:15:16.0	XRT_FLD_ENA_402_OG [0x192]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/03/26	17:15:18.0	XRT_FLD_RESET_403_OG [0x193]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/03/26	17:15:20.0	XRT_FLRCTRL_ENA_404_OG [0x194]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/03/26	17:15:22.0	XRT_ARS_DIS_405_OG [0x195]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/03/26	17:17:56.0	XRT_QT_PROG_SET_431_OG [0x1af]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2010/03/26	17:17:58.0	XRT_FL_PROG_SET_407_OG [0x197]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 02				
2010/03/26	17:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/26	17:29:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/26	17:53:00.5	XRT_Custom_410_OG [0x19a]							
2010/03/26	17:54:00.5	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/26	19:06:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/26	19:29:30.0	XRT_Custom_410_OG [0x19a]							
2010/03/26	19:30:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/26	20:43:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/26	21:07:00.0	XRT_Custom_410_OG [0x19a]							
2010/03/26	21:08:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							

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2010/03/26	22:21:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/26	22:42:30.0	XRT_Custom_410_OG [0x19a]				
2010/03/26	22:43:30.0	XRT_CTRL_AUTO_411_OG [0x19b]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/26	23:58:30.0	XRT_CTRL_MANU_409_OG [0x199]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/27	00:08:30.0	XRT_Custom_410_OG [0x19a]				
2010/03/27	00:09:30.0	XRT_CTRL_AUTO_411_OG [0x19b]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/27	01:24:00.0	XRT_CTRL_MANU_409_OG [0x199]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/27	01:41:30.0	XRT_Custom_410_OG [0x19a]				
2010/03/27	01:42:30.0	XRT_CTRL_AUTO_411_OG [0x19b]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/27	02:57:30.0	XRT_CTRL_MANU_409_OG [0x199]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/27	03:18:00.0	XRT_Custom_410_OG [0x19a]				
2010/03/27	03:19:00.5	XRT_CTRL_AUTO_411_OG [0x19b]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/27	04:26:30.0	XRT_CTRL_MANU_409_OG [0x199]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/27	04:55:30.5	XRT_Custom_410_OG [0x19a]				
2010/03/27	04:56:30.5	XRT_CTRL_AUTO_411_OG [0x19b]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/27	06:07:00.0	XRT_CTRL_MANU_409_OG [0x199]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/27	06:33:00.5	XRT_Custom_410_OG [0x19a]				
2010/03/27	06:34:00.5	XRT_CTRL_AUTO_411_OG [0x19b]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/27	07:47:30.0	XRT_CTRL_MANU_409_OG [0x199]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/27	08:10:30.0	XRT_Custom_410_OG [0x19a]				
2010/03/27	08:11:30.0	XRT_CTRL_AUTO_411_OG [0x19b]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/27	09:14:54.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/27	09:14:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]				
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2010/03/27	09:15:00.0	AOCS_ORe-point_Start_2_OG [0x098]				
			AOCU_NM	5	02-76	00 00 00 00 00
2010/03/27	09:15:16.0	XRT_FLD_DIS_413_OG [0x19d]				
			MDP_XRT_FLD_DIS	1	07-F0	d9
2010/03/27	09:15:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]				
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2010/03/27	09:15:20.0	XRT_ARS_DIS_415_OG [0x19f]				
			MDP_XRT_ARS_DIS	1	07-F0	d5
2010/03/27	09:17:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]				
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2010/03/27	09:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/27	09:27:30.0	XRT_CTRL_MANU_409_OG [0x199]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/27	10:34:00.0	AOCS_ORe-point_Start_2_OG [0x098]				
			AOCU_NM	5	02-76	00 00 00 00 00