

# XRT Timeline to be uploaded on 2010/03/20

Period: 2010/03/20 10:58:00 - 2010/03/25 10:48:00

\* \* \* \* \*

Normal mode

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XOB #174E: HOP81 2-filter - Ti/poly 8s, Al/mesh 4s, G-band - 384x384												
Term	Pointing (x, y)							Comment				
03/20 11:11:00 - 03/20 18:39:30	Fixed ( -16.0, -945.0)	# OP start + 10min, HOP 81, polar monitoring campaign, S pole.										
03/21 10:03:00 - 03/21 17:39:30	Fixed ( -16.0, -945.0)	* HOP 81, polar monitoring campaign, S pole.										
<b>PROG= 10 Inf.-time(s)</b>												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 19 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 30-time(s) 2.0sec												
└─ Seqn= 14 2-time(s) 30.0sec												
Open/Al-mesh	Open/Al-mesh close	Safe	Norm	4.00s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec	
Open/Ti-poly	Open/Ti-poly close	Safe	Norm	8.00s	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 #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				
03/20 19:08:00 - 03/20 19:14:54	Fixed ( 0.0, 0.0)	synoptic, shifted manually.										
03/21 06:19:00 - 03/21 06:25:54	Fixed ( 0.0, 0.0)	synoptic, shifted 16.0 min										
03/21 18:06:00 - 03/21 18:12:54	Fixed ( 0.0, 0.0)	synoptic, shifted 3.0 min										
03/22 05:53:00 - 03/22 05:59:54	Fixed ( 0.0, 0.0)	synoptic, shifted -10.0 min										
03/22 17:56:00 - 03/22 18:02:54	Fixed ( 0.0, 0.0)	synoptic, shifted -7.0 min										
03/23 06:03:00 - 03/23 06:09:54	Fixed ( 0.0, 0.0)	synoptic										
<b>PROG= 01 1-time(s)</b>												
└─ 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 #1795: AR band - 2048x512 - bin 2x2 - Ti/poly - AEC 1												
Term	Pointing (x, y)							Comment				
03/20 19:18:00 - 03/21 06:15:54	Fixed ( 896.0, 250.0)	# AR 11054 at W limb, fixed pointing.										
<b>PROG= 19 Inf.-time(s)</b>												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 27 1-time(s) 45.0sec												
Open/Ti-poly	Open/thick-Al close	Safe	Norm	1.00s	Obs	2x2	2048x512 (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 #1792: AR - Ti/Poly(256ms)AEC3, Al-mesh(AEC3),Thick-Al(AEC3), G-band-384x384- 2min cad - 1064 1048												
Term	Pointing (x, y)							Comment				
03/21 06:29:00 - 03/21 09:59:54	Fixed ( 896.0, 250.0)	# Cont.										
03/21 18:16:00 - 03/22 05:49:54	Fixed ( 899.0, 240.0)	# AR 11054 at W limb.										
03/22 06:07:00 - 03/22 09:59:54	Fixed ( 899.0, 240.0)	# Cont.										
03/22 13:43:00 - 03/22 17:52:54	Fixed ( 899.0, 240.0)	* AR 11054 at W limb.										
03/22 18:06:00 - 03/23 05:59:54	Fixed ( 899.0, 240.0)	# Cont.										
03/23 06:13:00 - 03/23 08:35:30	Fixed ( 899.0, 240.0)	# Cont.										
<b>PROG= 07 Inf.-time(s)</b>												
└─ 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= 15 1-time(s) 2.0sec												
Open/Al-mesh	Open/Ti-poly close	Safe	Norm	125ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec	
Open/thick-Al	Open/thick-Al close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec	
└─ Subr= 2 20-time(s) 2.0sec												
└─ Seqn= 20 1-time(s) 120.0sec												
Open/Al-mesh	Open/Ti-poly close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec	
Open/Ti-poly	Open/thick-Al close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec	
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

**XOB #1796: Synoptic for EIS sens mon - Q95 2x2 - Al/mesh(64/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(128**

Term	Pointing (x, y)	Comment
03/22 10:03:02 - 03/22 13:39:54	Track ( -18.6, 0.1) @ 03/22 10:00:00	* EIS sensitivity monitoring.
<b>PROG= 20 1-time(s)</b>		
└─ Subr= 1 1-time(s) 2400.0sec		
└─ 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

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**Flare mode**

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**XOB #1776: Flare Response short exp at first- Dynamics - Thick-Al - Thick-Be - AEC 1 - 384x384 - Q95**

Term	Pointing (x, y)	Comment
03/20 11:11:00 - 03/20 18:39:30	Fixed ( -16.0, -945.0)	# OP start + 10min, HOP 81, polar monitoring campaign, S pole.
03/20 19:18:00 - 03/21 06:15:54	Fixed ( 896.0, 250.0)	# AR 11054 at W limb, fixed pointing.
03/21 06:29:00 - 03/21 09:59:54	Fixed ( 896.0, 250.0)	# Cont.
03/21 10:03:00 - 03/21 17:39:30	Fixed ( -16.0, -945.0)	* HOP 81, polar monitoring campaign, S pole.
03/21 18:16:00 - 03/22 05:49:54	Fixed ( 899.0, 240.0)	# AR 11054 at W limb.
03/22 06:07:00 - 03/22 09:59:54	Fixed ( 899.0, 240.0)	# Cont.
03/22 10:03:02 - 03/22 13:39:54	Track ( -18.6, 0.1) @ 03/22 10:00:00	* EIS sensitivity monitoring.
03/22 13:43:00 - 03/22 17:52:54	Fixed ( 899.0, 240.0)	* AR 11054 at W limb.
03/22 18:06:00 - 03/23 05:59:54	Fixed ( 899.0, 240.0)	# Cont.
03/23 06:13:00 - 03/23 08:35:30	Fixed ( 899.0, 240.0)	# Cont.

**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

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**Active Region Search**

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NOT USED

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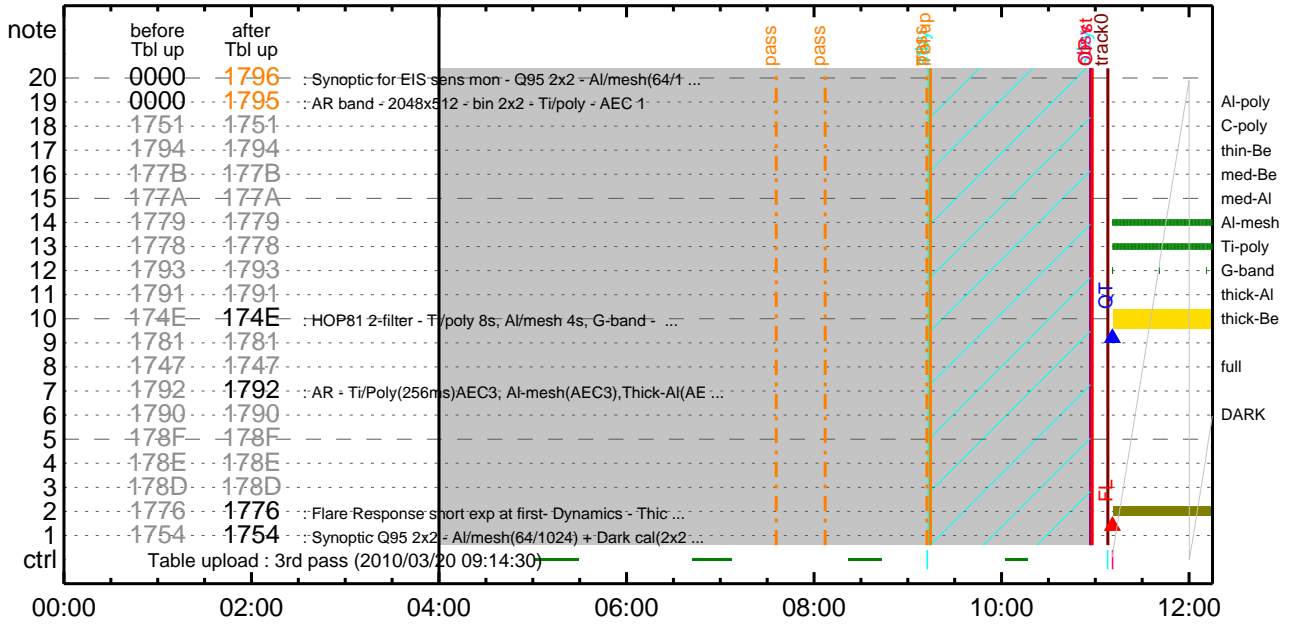
**Flare Detection**

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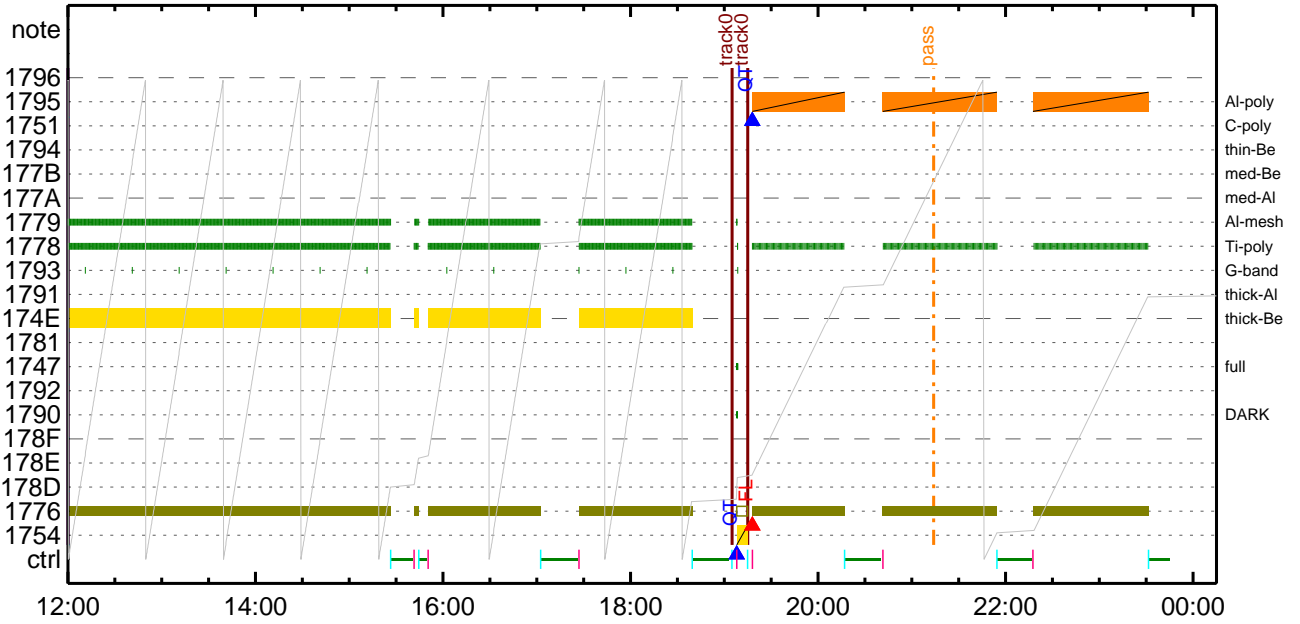
**FLD Patrol**

Term	Pointing (x, y)	Comment
03/20 11:08:16 - 03/20 19:05:16	Fixed ( -16.0, -945.0)	# OP start + 10min, HOP 81, polar monitoring campaign, S pole.
03/20 19:15:16 - 03/21 06:16:16	Fixed ( 896.0, 250.0)	# AR 11054 at W limb, fixed pointing.
03/21 06:26:16 - 03/21 18:03:16	Fixed ( 896.0, 250.0)	# Cont.
03/21 18:13:16 - 03/22 05:50:16	Fixed ( 899.0, 240.0)	# AR 11054 at W limb.
03/22 06:04:16 - 03/22 17:53:16	Fixed ( 899.0, 240.0)	# Cont.
03/22 18:03:16 - 03/23 06:00:16	Fixed ( 899.0, 240.0)	# Cont.
03/23 06:10:16 - 03/25 10:48:00	Fixed ( 899.0, 240.0)	# Cont.
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

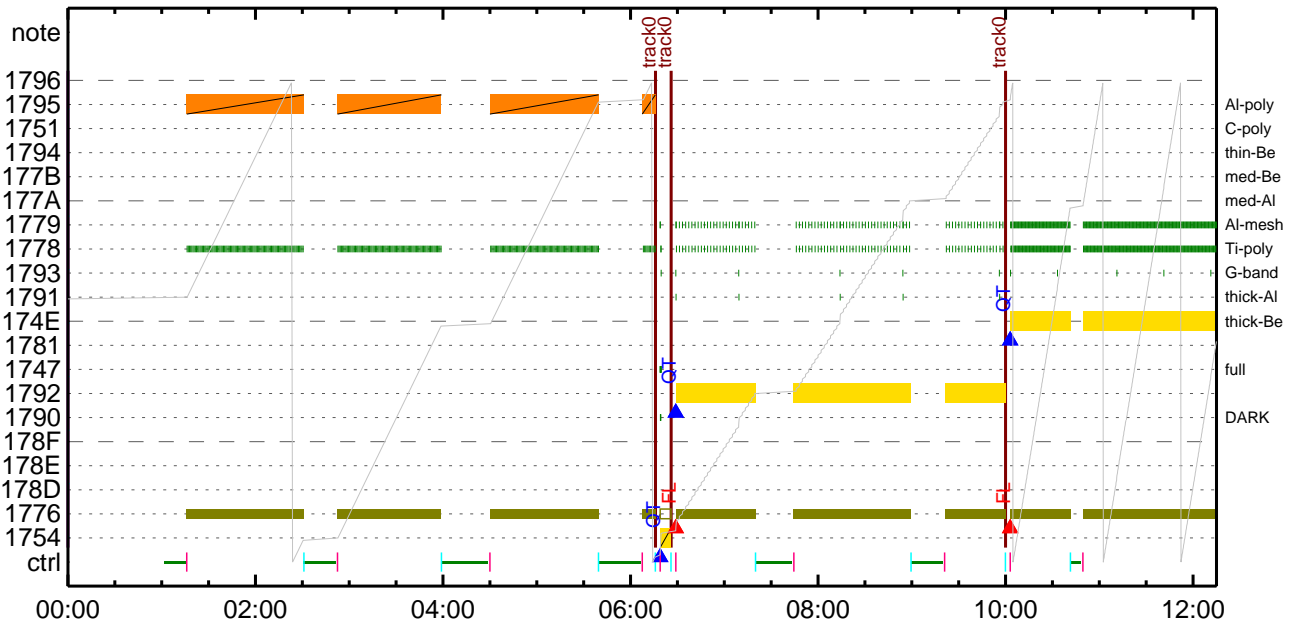
### CMDI #0163 2010/03/20



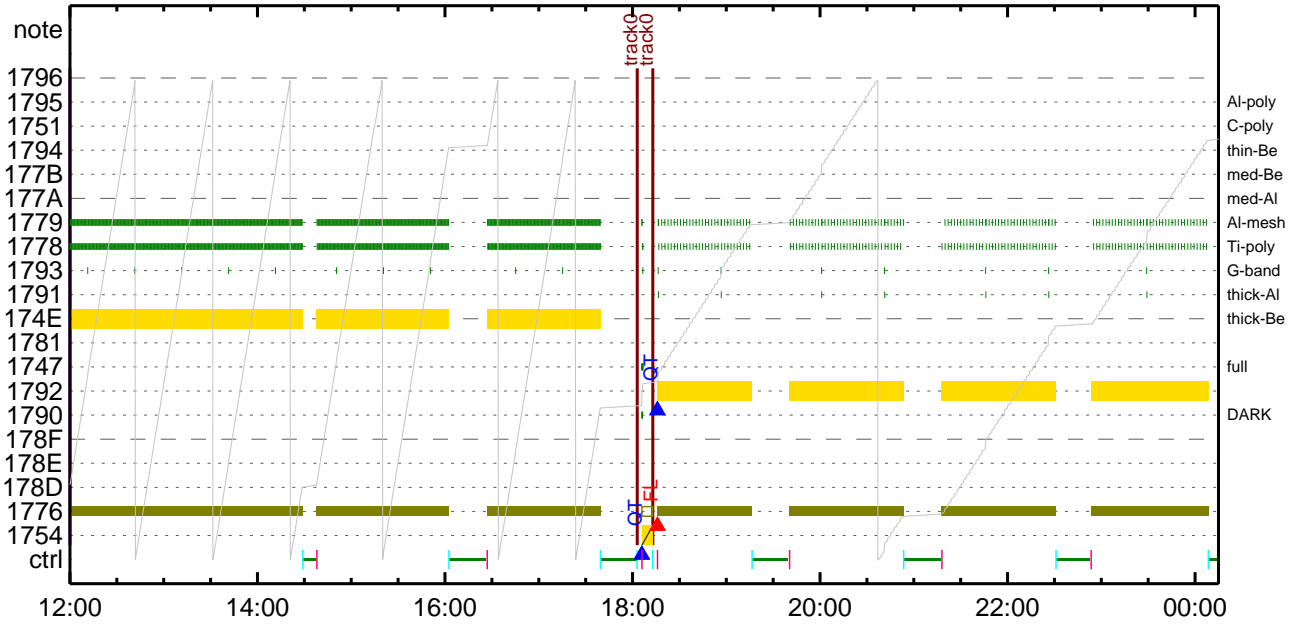
### CMDI #0163 2010/03/20



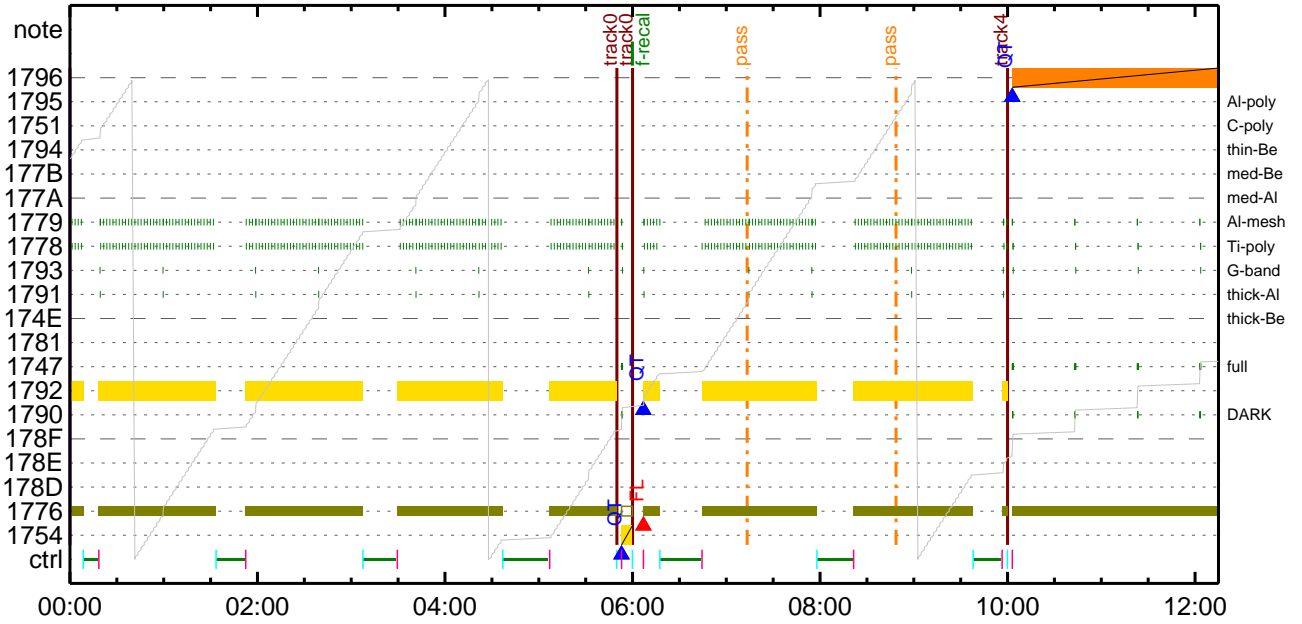
### CMDI #0163 2010/03/21



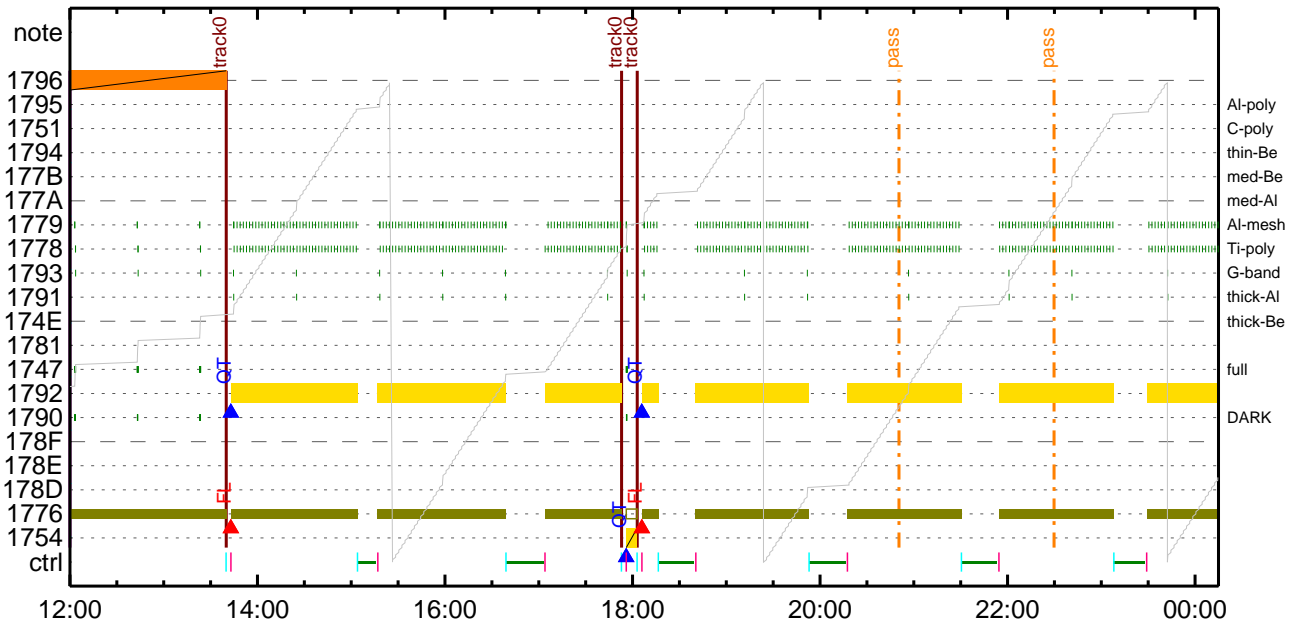
### CMDI #0163 2010/03/21



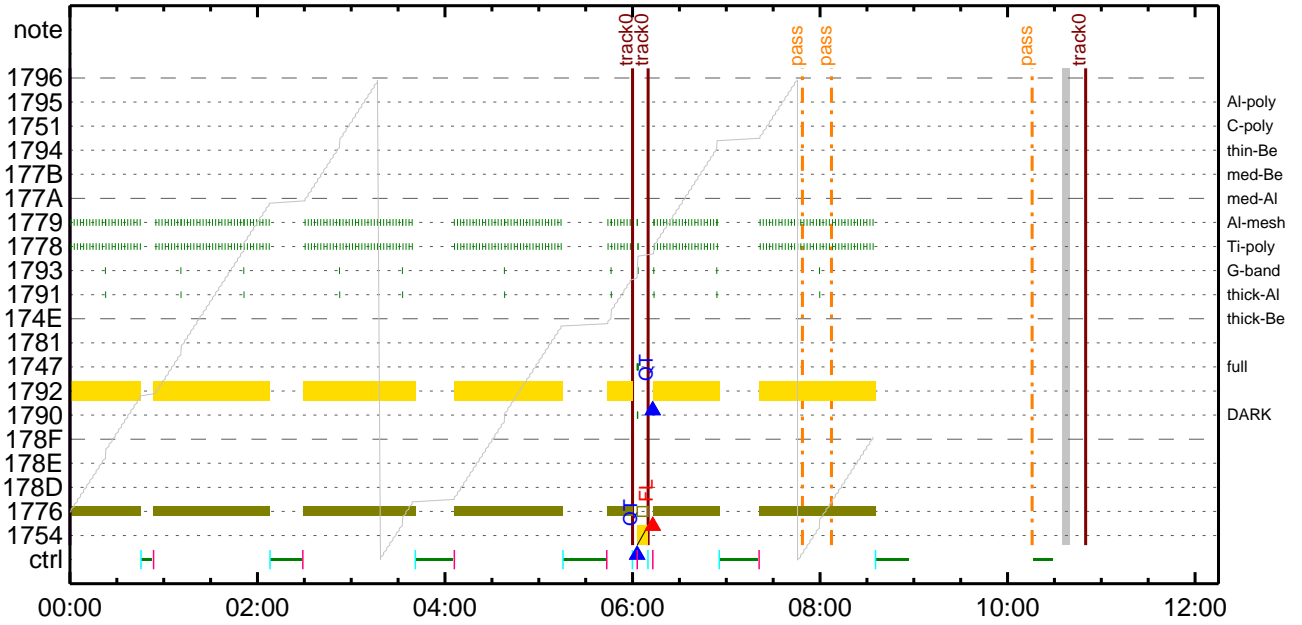
### CMDI #0163 2010/03/22



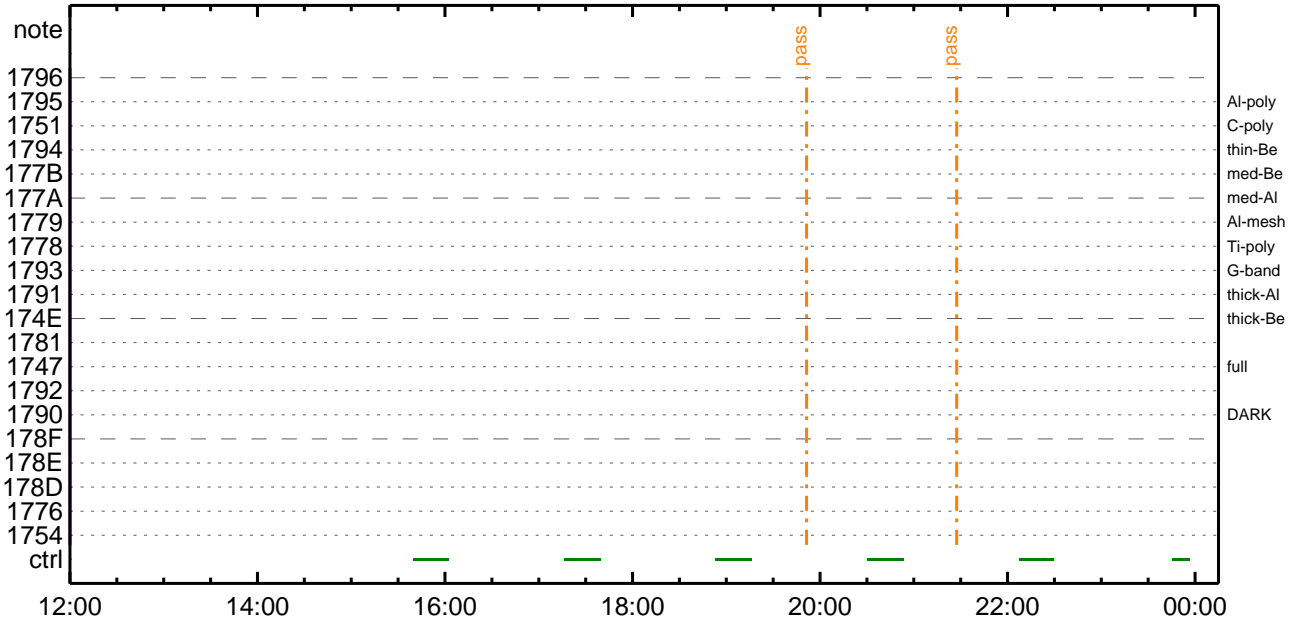
### CMDI #0163 2010/03/22



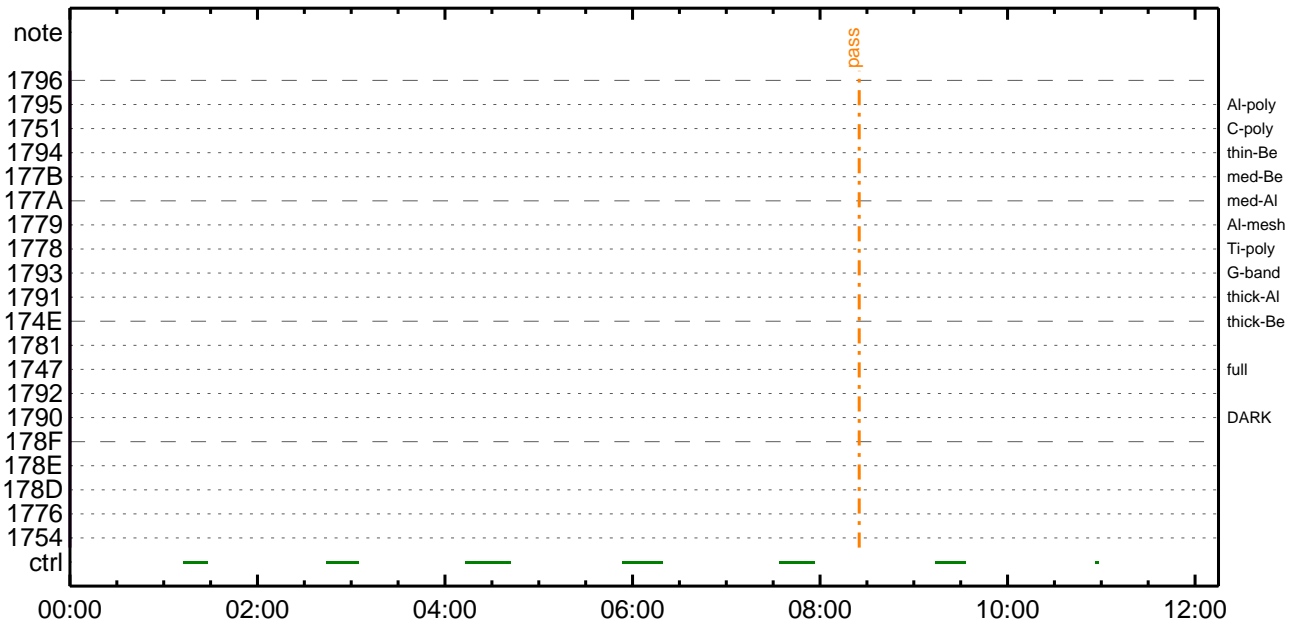
CMDI #0163 2010/03/23



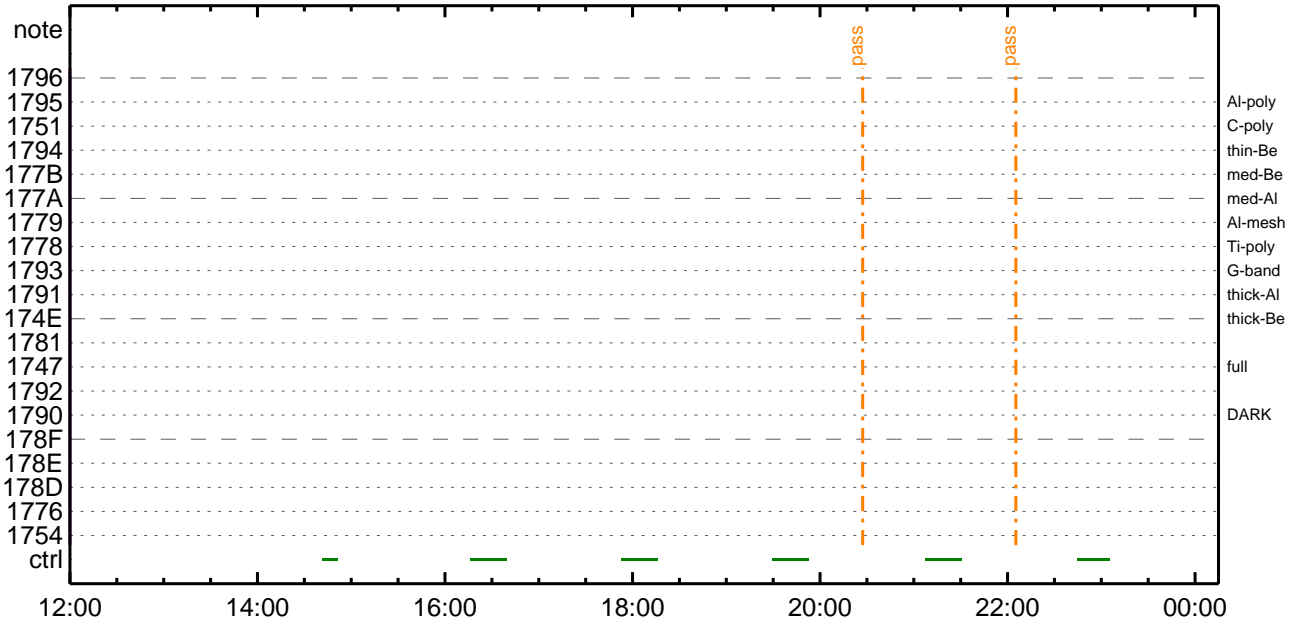
CMDI #0163 2010/03/23



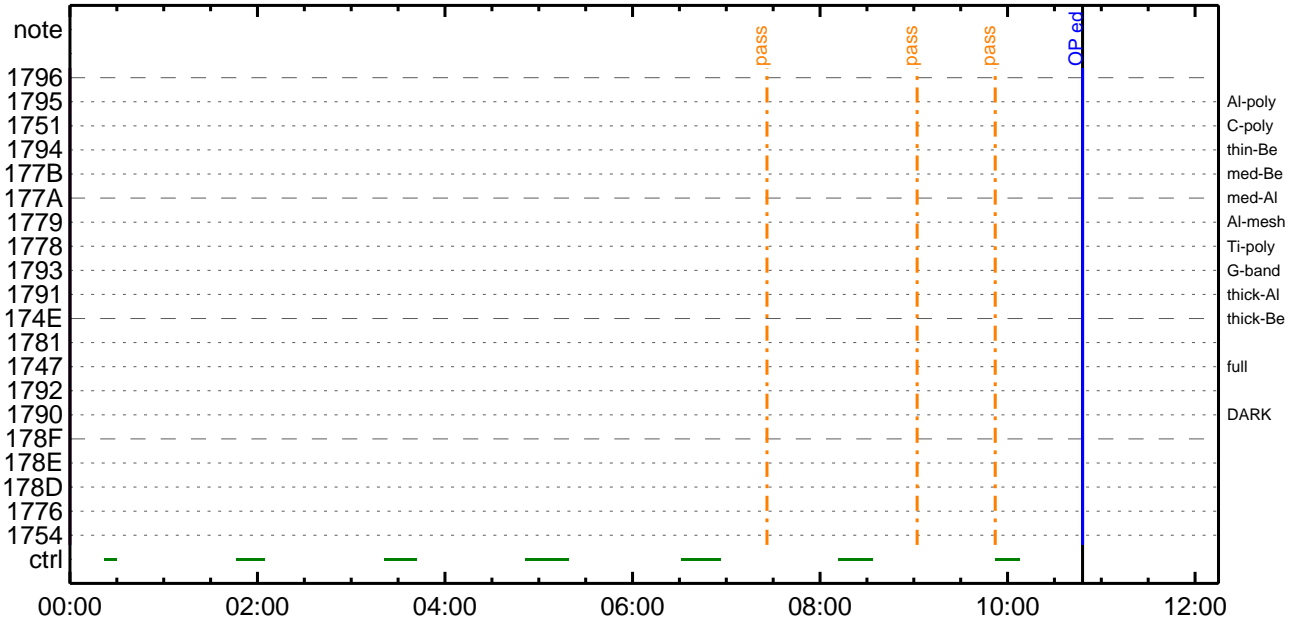
CMDI #0163 2010/03/24



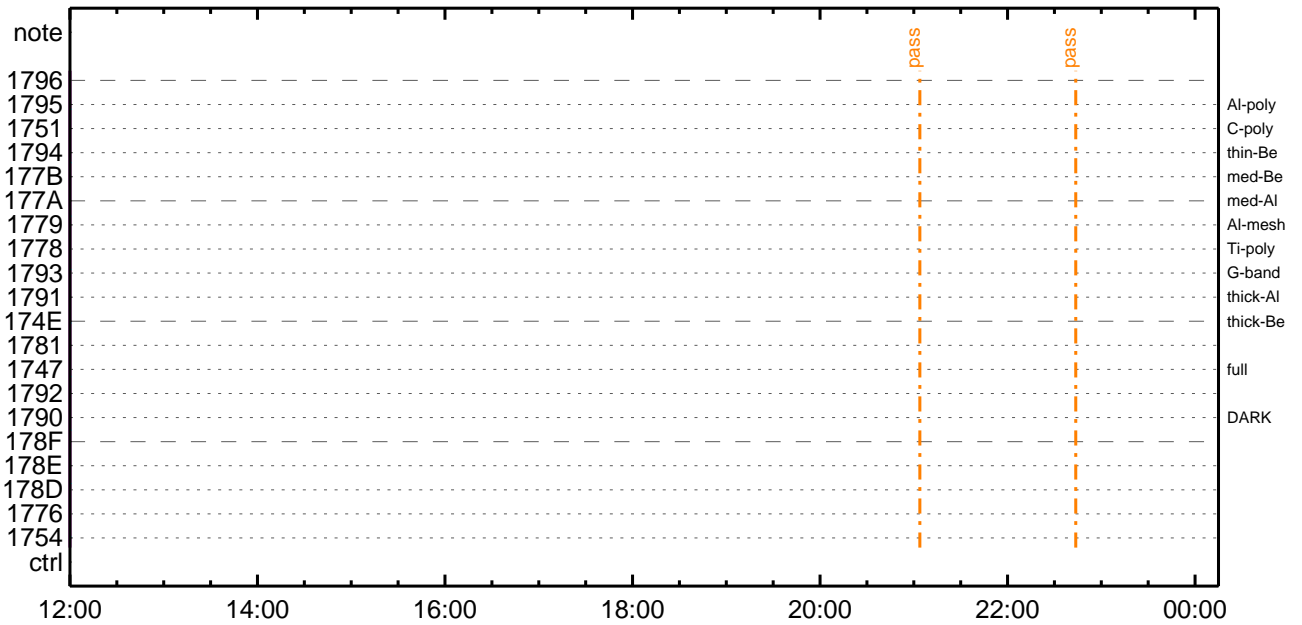
CMDI #0163 2010/03/24



CMDI #0163 2010/03/25



CMDI #0163 2010/03/25





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0096 C.
0097 C.
0098 . C. *****
0099 C. OP/OGY1;Y4E;YAYOX
0100 C. *****
0101 C.
0102 . C. ;ãOP/OGY1;Y4E;ã
0103 . S. OP op-246:OP
0104 ( )
0105 . S. OG og-246:OG
0106 ( )
0107 C.
0108 . C. ;ãNMOG&OPfî°èYAYOX;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. YAYOXx½ª î»ò³ ÎÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 . C. RAM ID=NMOGªî½E¹ç•è² İOKªò³ 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. YAYOXx½ª î»ò³ ÎÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 . C. RAM ID=NMOGªî½E¹ç•è² İOKªò³ 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. YAYOXx½ª î»ò³ ÎÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 . C. RAM ID=NMOG, RAM ID=OPªî½E¹ç•è² İOKªò³ ÎÇ§
0165 C.
0166 . C. ***** òÈ²¼ò İ½Ã·¶ÁªòÈÈ-ªòÃ÷¿@ (%ãµ-YAYOXx½E½çªòÃÔÃæªç½ªªªòÈ¼i¹çªçªâ) *****
0167 C. DHUYã;Y4E;È½Y½;Yi;Y4E;Èòðİãª¹
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 UPLOADª-Ã÷¿@NGªî½E¹ç;çºÈ²¼ò İTI-CMDÃ÷¿@ªİ½Ã¹ÒªªòÈªªªòÈ;ª;ª
0180 C. ªªª;çSETªÈDUMPªİÆª±ªİN½¹ªç¹Òª|ª³ªÈ;ª
0181 C.
0182 . C. TIY³Y½Y6YÈªòðÃĐİ¿(UT)
0183 +. TI 2010-03-20 10:53:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2010-03-20 10:53:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2010-03-20 10:53:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
```







(a) Spacecraft Operation Procedure (real-commands)

```
main-248 2010-03-20 11:47:26 110 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;È□¿□Á□•µ°È»Í×ÁÇ□íYçYÁY×Yí;¼YÉ;ÈÈè%µ•ííÉ;È□È¼°Ç□□•□¿¼í¹ç□í;çÁ®, ù□¹□È□È□ÇÁ+¿®□•□È□□□³□È;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 20 20)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 08 80 80 20 08)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 09 80 80 08 20)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 0f 80 80 06 06)
0050 + DC 07-F0 MDP_XRT_AEC_RESET
0051 BC (d0)
0052 . C. ----- Success Verify ? OK / NG ____
0053 C.
0054 C.
0055 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0056 C.
0057 +. TI 2010-03-20 10:57:02.0
0058 DC 07-F0 MDP_XRT_MODE_OBSV
0059 BC (c2)
0060 . C. ----- Success Verify ? OK / NG ____
0061 C.
0062 C. ***** XRT END *****
0063 . C. *****
0064 C. SOT table upload
0065 C. *****
0066 . C. < Stop FG table >
0067 +. DC 07-F0 MDP_FG_CTRL_MANU
0068 BC (51)
0069 . C. -----
0070 C. MDP_FG_CTRL_MODE = MANU [ ]
0071 C. -----
0072 C.
0073 . C. <Upload FG Observation Table>
0074 . S. RAM ram-263:MDP_OBS_F
0075 ( )
0076 C.
0077 . C. < Dump RAMID=MDP_OBS_F >
0078 +. DC 07-F0 MDP_DUMP_FGTBL
0079 BC (82 07 00 00 00 38 b8)
0080 C. -----
0081 C. MDP_OBS_F verify = OK/NG [ ]
0082 C. -----
0083 C.
0084 C. *****
0085 C. SOT TI command set
0086 C. *****
0087 C. Execute, after the success of TBL upload.
0088 +. TI 2010-03-20 10:57:18.0
0089 DC 07-F0 MDP_SOT_MODE_OBSV
0090 BC (40)
0091 . C. -----
0092 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0093 C. -----
0094 C.
0095 C.
```

0096 . C. \*\*\*\*\* MDP 'ûÃîñî»ô%ÿñËÂðñ¹ñèDCBC•x²è \*\*\*\*\*  
0097 C. (%á°ìÿÓÿÃÿÈÿËÿËÿáÿçÿèñË¼ññ¼Â»Ûñ¹ñè)  
0098 . S. DC-BC dcbc-402:DCBC  
0099 (MDP\_known\_event)  
0100 C.  
0101 C.  
0102 . C. \*\*\*\*\* ÿÐÿ¹•Ï Daily±;îÑñË´øñ¹ñèDCBC•x²è \*\*\*\*\*  
0103 . S. DC-BC dcbc-153:DCBC  
0104 (SPECIAL-CMD\_DAILY\_OPERATIN\_DCB)  
0105 C.  
0106 C.  
0107 . C. ;ãLOSÿÁÿÿÿÿÿ¼Â»Û;ã  
0108 C.  
0109 . C. \*\*\*\*\* LOS \*\*\*\*\*  
0110 C.

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\*\*\* OP Sequence for XRT \*\*\*

```

2010/03/20 11:07:54.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2010/03/20 11:07:56.0 XRT_FOCUS_POSITION_423_OG [0x1a7]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2010/03/20 11:08:00.0 AOCs_OrE-point_Start_1_OG [0x097]
                        AOCU_NM 5 02-76 00 54 00 01 68
2010/03/20 11:08:16.0 XRT_FLD_ENA_402_OG [0x192]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2010/03/20 11:08:18.0 XRT_FLRCTRL_ENA_404_OG [0x194]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2010/03/20 11:08:20.0 XRT_FLD_RESET_403_OG [0x193]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2010/03/20 11:08:22.0 XRT_ARS_DIS_433_OG [0x1b1]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2010/03/20 11:10:56.0 XRT_QT_PROG_SET_424_OG [0x1a8]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 0a
2010/03/20 11:10:58.0 XRT_FL_PROG_SET_407_OG [0x197]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 02
2010/03/20 11:11:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2010/03/20 15:26:30.0 XRT_CTRL_MANU_409_OG [0x199]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2010/03/20 15:40:30.0 XRT_Custom_410_OG [0x19a]
2010/03/20 15:41:30.0 XRT_CTRL_AUTO_411_OG [0x19b]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2010/03/20 15:44:30.0 XRT_CTRL_MANU_409_OG [0x199]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2010/03/20 15:49:30.0 XRT_Custom_410_OG [0x19a]
2010/03/20 15:50:30.0 XRT_CTRL_AUTO_411_OG [0x19b]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2010/03/20 17:02:30.0 XRT_CTRL_MANU_409_OG [0x199]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2010/03/20 17:26:00.0 XRT_Custom_410_OG [0x19a]
2010/03/20 17:27:00.0 XRT_CTRL_AUTO_411_OG [0x19b]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2010/03/20 18:39:30.0 XRT_CTRL_MANU_409_OG [0x199]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2010/03/20 19:04:54.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2010/03/20 19:04:56.0 XRT_FOCUS_POSITION_412_OG [0x19c]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2010/03/20 19:05:00.0 AOCs_OrE-point_Start_2_OG [0x098]
                        AOCU_NM 5 02-76 00 00 00 00 00
2010/03/20 19:05:16.0 XRT_FLD_DIS_413_OG [0x19d]
                        MDP_XRT_FLD_DIS 1 07-F0 d9
2010/03/20 19:05:18.0 XRT_FLRCTRL_DIS_414_OG [0x19e]
                        MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2010/03/20 19:05:20.0 XRT_ARS_DIS_415_OG [0x19f]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2010/03/20 19:07:58.0 XRT_QT_PROG_SET_416_OG [0x1a0]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 01
2010/03/20 19:08:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2010/03/20 19:14:54.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2010/03/20 19:14:56.0 XRT_FOCUS_POSITION_412_OG [0x19c]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2010/03/20 19:15:00.0 AOCs_OrE-point_Start_3_OG [0x099]
                        AOCU_NM 5 02-76 00 e9 cb b0 5b
2010/03/20 19:15:16.0 XRT_FLD_ENA_402_OG [0x192]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2010/03/20 19:15:18.0 XRT_FLRCTRL_ENA_404_OG [0x194]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2010/03/20 19:15:20.0 XRT_FLD_RESET_403_OG [0x193]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2010/03/20 19:15:22.0 XRT_ARS_DIS_405_OG [0x195]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2010/03/20 19:17:56.0 XRT_QT_PROG_SET_442_OG [0x1ba]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 13
2010/03/20 19:17:58.0 XRT_FL_PROG_SET_407_OG [0x197]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 02
2010/03/20 19:18:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2010/03/20 20:17:00.0 XRT_CTRL_MANU_409_OG [0x199]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2010/03/20 20:40:30.0 XRT_Custom_410_OG [0x19a]
2010/03/20 20:41:30.0 XRT_CTRL_AUTO_411_OG [0x19b]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2010/03/20 21:54:30.0 XRT_CTRL_MANU_409_OG [0x199]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2010/03/20 22:16:30.0 XRT_Custom_410_OG [0x19a]
2010/03/20 22:17:30.0 XRT_CTRL_AUTO_411_OG [0x19b]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2010/03/20 23:31:30.0 XRT_CTRL_MANU_409_OG [0x199]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2010/03/21 01:15:00.0 XRT_Custom_410_OG [0x19a]
2010/03/21 01:16:00.0 XRT_CTRL_AUTO_411_OG [0x19b]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2010/03/21 02:31:00.0 XRT_CTRL_MANU_409_OG [0x199]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2010/03/21 02:51:30.0 XRT_Custom_410_OG [0x19a]

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2010/03/21	02:52:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/21	03:59:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/21	04:29:00.0	XRT_Custom_410_OG [0x19a]							
2010/03/21	04:30:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/21	05:39:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/21	06:06:30.0	XRT_Custom_410_OG [0x19a]							
2010/03/21	06:07:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/21	06:15:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/21	06:15:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2010/03/21	06:16:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2010/03/21	06:16:16.0	XRT_FLD_DIS_413_OG [0x19d]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/03/21	06:16:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/03/21	06:16:20.5	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/03/21	06:18:58.5	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01				
2010/03/21	06:19:00.5	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/21	06:25:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/21	06:25:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/03/21	06:26:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 e9 cb b0 5b				
2010/03/21	06:26:16.0	XRT_FLD_ENA_402_OG [0x192]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/03/21	06:26:18.0	XRT_FLRCTRL_ENA_404_OG [0x194]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/03/21	06:26:20.0	XRT_FLD_RESET_403_OG [0x193]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/03/21	06:26:22.0	XRT_ARS_DIS_405_OG [0x195]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/03/21	06:28:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2010/03/21	06:28:58.0	XRT_FL_PROG_SET_407_OG [0x197]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 02				
2010/03/21	06:29:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/21	07:20:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/21	07:43:30.0	XRT_Custom_410_OG [0x19a]							
2010/03/21	07:44:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/21	08:59:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/21	09:20:00.0	XRT_Custom_410_OG [0x19a]							
2010/03/21	09:21:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/21	09:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/21	09:59:56.0	XRT_FOCUS_POSITION_423_OG [0x1a7]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/03/21	10:00:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 54 00 01 68				
2010/03/21	10:00:16.0	XRT_FLD_ENA_402_OG [0x192]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/03/21	10:00:18.0	XRT_FLRCTRL_ENA_404_OG [0x194]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/03/21	10:00:20.0	XRT_FLD_RESET_403_OG [0x193]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/03/21	10:00:22.0	XRT_ARS_DIS_433_OG [0x1b1]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/03/21	10:02:56.0	XRT_QT_PROG_SET_424_OG [0x1a8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2010/03/21	10:02:58.0	XRT_FL_PROG_SET_407_OG [0x197]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 02				
2010/03/21	10:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/21	10:41:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/21	10:48:30.0	XRT_Custom_410_OG [0x19a]							
2010/03/21	10:49:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/21	14:29:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/21	14:37:00.0	XRT_Custom_410_OG [0x19a]							
2010/03/21	14:38:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/21	16:02:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/21	16:26:00.0	XRT_Custom_410_OG [0x19a]							
2010/03/21	16:27:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				

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2010/03/21	17:39:30.0	XRT_CTRL_MANU_409_OG [0x199]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/21	18:02:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/21	18:02:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2010/03/21	18:03:00.5	AOCS_Ore-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2010/03/21	18:03:16.0	XRT_FLD_DIS_413_OG [0x19d]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2010/03/21	18:03:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2010/03/21	18:03:20.0	XRT_ARS_DIS_415_OG [0x19f]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2010/03/21	18:05:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2010/03/21	18:06:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/21	18:12:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/21	18:12:56.0	XRT_FOCUS_POSITION_401_OG [0x191]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/03/21	18:13:00.0	AOCS_Ore-point_Start_4_OG [0x09a]			
		AOCU_NM	5	02-76	00 ea a8 b0 19
2010/03/21	18:13:16.0	XRT_FLD_ENA_402_OG [0x192]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2010/03/21	18:13:18.0	XRT_FLRCTRL_ENA_404_OG [0x194]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/03/21	18:13:20.0	XRT_FLD_RESET_403_OG [0x193]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2010/03/21	18:13:22.0	XRT_ARS_DIS_405_OG [0x195]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2010/03/21	18:15:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2010/03/21	18:15:58.0	XRT_FL_PROG_SET_407_OG [0x197]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 02
2010/03/21	18:16:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/21	19:16:30.0	XRT_CTRL_MANU_409_OG [0x199]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/21	19:39:30.0	XRT_Custom_410_OG [0x19a]			
2010/03/21	19:40:30.0	XRT_CTRL_AUTO_411_OG [0x19b]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/21	20:53:30.0	XRT_CTRL_MANU_409_OG [0x199]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/21	21:17:00.0	XRT_Custom_410_OG [0x19a]			
2010/03/21	21:18:00.0	XRT_CTRL_AUTO_411_OG [0x19b]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/21	22:31:00.0	XRT_CTRL_MANU_409_OG [0x199]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/21	22:52:30.0	XRT_Custom_410_OG [0x19a]			
2010/03/21	22:53:30.0	XRT_CTRL_AUTO_411_OG [0x19b]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/22	00:08:30.0	XRT_CTRL_MANU_409_OG [0x199]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/22	00:17:30.0	XRT_Custom_410_OG [0x19a]			
2010/03/22	00:18:30.0	XRT_CTRL_AUTO_411_OG [0x19b]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/22	01:33:30.0	XRT_CTRL_MANU_409_OG [0x199]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/22	01:51:30.0	XRT_Custom_410_OG [0x19a]			
2010/03/22	01:52:30.0	XRT_CTRL_AUTO_411_OG [0x19b]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/22	03:07:30.0	XRT_CTRL_MANU_409_OG [0x199]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/22	03:28:30.0	XRT_Custom_410_OG [0x19a]			
2010/03/22	03:29:30.0	XRT_CTRL_AUTO_411_OG [0x19b]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/22	04:37:00.0	XRT_CTRL_MANU_409_OG [0x199]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/22	05:06:00.0	XRT_Custom_410_OG [0x19a]			
2010/03/22	05:07:00.0	XRT_CTRL_AUTO_411_OG [0x19b]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/22	05:49:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/22	05:49:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2010/03/22	05:50:00.0	AOCS_Ore-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2010/03/22	05:50:16.0	XRT_FLD_DIS_413_OG [0x19d]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2010/03/22	05:50:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2010/03/22	05:50:20.0	XRT_ARS_DIS_415_OG [0x19f]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2010/03/22	05:52:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2010/03/22	05:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/22	05:59:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/22	05:59:56.0	XRT_FOCUS_RECALIBRATE_420_OG [0x1a4]			
		XRT_FOCUS_RECAL	2	07-F8	78 00

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2010/03/22	06:00:00.0	AOCS_Or-point_Start_4_OG [0x09a] AOCU_NM	5	02-76	00	ea a8 b0 19
2010/03/22	06:03:56.0	XRT_FOCUS_POSITION_401_OG [0x191] XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2010/03/22	06:04:16.0	XRT_FLD_ENA_402_OG [0x192] MDP_XRT_FLD_ENA	1	07-F0		d8
2010/03/22	06:04:18.0	XRT_FLRCTRL_ENA_404_OG [0x194] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8
2010/03/22	06:04:20.0	XRT_FLD_RESET_403_OG [0x193] MDP_XRT_FLD_RESET	1	07-F0		da
2010/03/22	06:04:22.0	XRT_ARS_DIS_405_OG [0x195] MDP_XRT_ARS_DIS	1	07-F0		d5
2010/03/22	06:06:56.0	XRT_QT_PROG_SET_421_OG [0x1a5] MDP_XRT_QT_PROG_SET	2	07-F0	c4	07
2010/03/22	06:06:58.0	XRT_FL_PROG_SET_407_OG [0x197] MDP_XRT_FL_PROG_SET	2	07-F0	c5	02
2010/03/22	06:07:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0
2010/03/22	06:17:30.0	XRT_CTRL_MANU_409_OG [0x199] MDP_XRT_CTRL_MANU	1	07-F0		c1
2010/03/22	06:43:30.0	XRT_Custom_410_OG [0x19a]				
2010/03/22	06:44:30.0	XRT_CTRL_AUTO_411_OG [0x19b] MDP_XRT_CTRL_AUTO	1	07-F0		c0
2010/03/22	07:58:00.0	XRT_CTRL_MANU_409_OG [0x199] MDP_XRT_CTRL_MANU	1	07-F0		c1
2010/03/22	08:20:30.0	XRT_Custom_410_OG [0x19a]				
2010/03/22	08:21:30.0	XRT_CTRL_AUTO_411_OG [0x19b] MDP_XRT_CTRL_AUTO	1	07-F0		c0
2010/03/22	09:38:00.0	XRT_CTRL_MANU_409_OG [0x199] MDP_XRT_CTRL_MANU	1	07-F0		c1
2010/03/22	09:55:30.5	XRT_Custom_410_OG [0x19a]				
2010/03/22	09:56:30.5	XRT_CTRL_AUTO_411_OG [0x19b] MDP_XRT_CTRL_AUTO	1	07-F0		c0
2010/03/22	09:59:54.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0		c1
2010/03/22	09:59:56.0	XRT_FOCUS_POSITION_412_OG [0x19c] XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2010/03/22	10:00:00.0	AOCS_Or-point_Start_5_OG [0x09b] AOCU_NM	5	02-76	04 00 00 00 00	00
2010/03/22	10:00:16.0	XRT_FLD_RESET_443_OG [0x1bb] MDP_XRT_FLD_RESET	1	07-F0		da
2010/03/22	10:00:18.0	XRT_FLD_ENA_444_OG [0x1bc] MDP_XRT_FLD_ENA	1	07-F0		d8
2010/03/22	10:00:20.0	XRT_FLRCTRL_ENA_404_OG [0x194] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8
2010/03/22	10:00:22.0	XRT_ARS_DIS_415_OG [0x19f] MDP_XRT_ARS_DIS	1	07-F0		d5
2010/03/22	10:03:00.0	XRT_QT_PROG_SET_445_OG [0x1bd] MDP_XRT_QT_PROG_SET	2	07-F0	c4	14
2010/03/22	10:03:02.5	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0
2010/03/22	13:39:54.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0		c1
2010/03/22	13:39:56.0	XRT_FOCUS_POSITION_401_OG [0x191] XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2010/03/22	13:40:00.0	AOCS_Or-point_Start_4_OG [0x09a] AOCU_NM	5	02-76	00 ea a8 b0 19	
2010/03/22	13:40:16.0	XRT_FLD_ENA_402_OG [0x192] MDP_XRT_FLD_ENA	1	07-F0		d8
2010/03/22	13:40:18.0	XRT_FLRCTRL_ENA_404_OG [0x194] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8
2010/03/22	13:40:20.0	XRT_FLD_RESET_403_OG [0x193] MDP_XRT_FLD_RESET	1	07-F0		da
2010/03/22	13:40:22.0	XRT_ARS_DIS_405_OG [0x195] MDP_XRT_ARS_DIS	1	07-F0		d5
2010/03/22	13:42:56.0	XRT_QT_PROG_SET_421_OG [0x1a5] MDP_XRT_QT_PROG_SET	2	07-F0	c4	07
2010/03/22	13:42:58.0	XRT_FL_PROG_SET_407_OG [0x197] MDP_XRT_FL_PROG_SET	2	07-F0	c5	02
2010/03/22	13:43:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0
2010/03/22	15:04:00.0	XRT_CTRL_MANU_409_OG [0x199] MDP_XRT_CTRL_MANU	1	07-F0		c1
2010/03/22	15:16:00.0	XRT_Custom_410_OG [0x19a]				
2010/03/22	15:17:00.0	XRT_CTRL_AUTO_411_OG [0x19b] MDP_XRT_CTRL_AUTO	1	07-F0		c0
2010/03/22	16:39:00.0	XRT_CTRL_MANU_409_OG [0x199] MDP_XRT_CTRL_MANU	1	07-F0		c1
2010/03/22	17:03:00.0	XRT_Custom_410_OG [0x19a]				
2010/03/22	17:04:00.0	XRT_CTRL_AUTO_411_OG [0x19b] MDP_XRT_CTRL_AUTO	1	07-F0		c0
2010/03/22	17:52:54.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0		c1
2010/03/22	17:52:56.0	XRT_FOCUS_POSITION_412_OG [0x19c] XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2010/03/22	17:53:00.0	AOCS_Or-point_Start_2_OG [0x098] AOCU_NM	5	02-76	00 00 00 00 00	00
2010/03/22	17:53:16.0	XRT_FLD_DIS_413_OG [0x19d] MDP_XRT_FLD_DIS	1	07-F0		d9
2010/03/22	17:53:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e] MDP_XRT_FLRCTRL_DIS	1	07-F0		c9
2010/03/22	17:53:20.0	XRT_ARS_DIS_415_OG [0x19f] MDP_XRT_ARS_DIS	1	07-F0		d5



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2010/03/22	17:55:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	01			
2010/03/22	17:56:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/22	18:02:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/22	18:02:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2010/03/22	18:03:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00	ea	a8	b0	19
2010/03/22	18:03:16.0	XRT_FLD_ENA_402_OG [0x192]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/03/22	18:03:18.0	XRT_FLRCTRL_ENA_404_OG [0x194]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/03/22	18:03:20.0	XRT_FLD_RESET_403_OG [0x193]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/03/22	18:03:22.0	XRT_ARS_DIS_405_OG [0x195]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/03/22	18:05:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	07			
2010/03/22	18:05:58.0	XRT_FL_PROG_SET_407_OG [0x197]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	02			
2010/03/22	18:06:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/22	18:16:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/22	18:39:30.0	XRT_Custom_410_OG [0x19a]							
2010/03/22	18:40:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/22	19:53:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/22	20:16:30.0	XRT_Custom_410_OG [0x19a]							
2010/03/22	20:17:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/22	21:30:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/22	21:53:30.0	XRT_Custom_410_OG [0x19a]							
2010/03/22	21:54:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/22	23:08:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/22	23:28:00.0	XRT_Custom_410_OG [0x19a]							
2010/03/22	23:29:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/23	00:45:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/23	00:52:30.0	XRT_Custom_410_OG [0x19a]							
2010/03/23	00:53:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/23	02:08:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/23	02:28:00.0	XRT_Custom_410_OG [0x19a]							
2010/03/23	02:29:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/23	03:41:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/23	04:05:00.0	XRT_Custom_410_OG [0x19a]							
2010/03/23	04:06:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/23	05:15:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/23	05:42:30.0	XRT_Custom_410_OG [0x19a]							
2010/03/23	05:43:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/23	05:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/23	05:59:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2010/03/23	06:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00
2010/03/23	06:00:16.0	XRT_FLD_DIS_413_OG [0x19d]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/03/23	06:00:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/03/23	06:00:20.0	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/03/23	06:02:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	01			
2010/03/23	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/23	06:09:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/23	06:09:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2010/03/23	06:10:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00	ea	a8	b0	19
2010/03/23	06:10:16.0	XRT_FLD_ENA_402_OG [0x192]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/03/23	06:10:18.0	XRT_FLRCTRL_ENA_404_OG [0x194]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/03/23	06:10:20.0	XRT_FLD_RESET_403_OG [0x193]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/03/23	06:10:22.0	XRT_ARS_DIS_405_OG [0x195]							

2010/03/23	06:12:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/03/23	06:12:58.0	XRT_FL_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07			
2010/03/23	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	02			
2010/03/23	06:55:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/23	07:20:00.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/23	07:21:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/23	08:35:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/23	10:50:00.5	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	00	00	00	00