

# XRT Timeline to be uploaded on 2010/07/29

Period: 2010/07/29 10:23:00 - 2010/08/03 10:12:00

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Normal mode

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XOB #17F4: AR Standard-B(Morphology) for FW1=Open, 384x384 at 1064 1048, 10sec-cad													
Term	Pointing (x, y)		Comment										
07/29 10:40:02 - 07/29 11:10:00	Track ( 678.1, -452.4) <sup>Ⓢ 07/29 10:33:00</sup>		# OP start + 10min : track AR 11089										
07/30 09:33:00 - 07/30 15:44:30	Track ( 773.6, -437.3) <sup>Ⓢ 07/30 09:30:00</sup>		track AR 11089										
<b>PROG= 15 Inf.-time(s)</b>													
└─ Subr= 2 1-time(s) 2.0sec													
└─ Seqn= 19 1-time(s) 2.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
└─ Seqn= 10 4-time(s) 2.0sec													
	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
	Open/thick-Al	Open/thick-Be	close	Safe	Norm	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 25 240-time(s) 10.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	250ms	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 #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									
07/29 19:07:58 - 07/29 19:22:30	Fixed ( 0.0, 0.0)		synoptic, shifted 27.5 min									
07/30 06:02:28 - 07/30 06:43:00	Fixed ( 0.0, 0.0)		synoptic, shifted -0.5 min									
07/30 15:53:58 - 07/30 16:00:54	Fixed ( 0.0, 0.0)		synoptic									
07/31 06:23:00 - 07/31 06:29:54	Fixed ( 0.0, 0.0)		synoptic, shifted 20.5 min									

<b>PROG= 03 1-time(s)</b>													
└─ Subr= 1 1-time(s) 12.0sec													
└─ Seqn= 7 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= 8 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 #17F6: AR Standard-A(Filter-Ratio) for FW1=Open, 384x384 at 1064 1048, 2min-cad												
Term	Pointing (x, y)		Comment									
07/30 16:04:00 - 07/30 18:21:30	Track ( -709.8, 161.0) <sup>Ⓢ 07/30 16:01:00</sup>		# HOP 77 - SUMI support AR11092									
07/30 19:43:00 - 07/31 06:19:54	Track ( -709.8, 161.0) <sup>Ⓢ 07/30 16:01:00</sup>		# HOP 77 - SUMI support AR11092									
07/31 06:33:00 - 07/31 10:41:54	Track ( 829.8, -421.6) <sup>Ⓢ 07/31 06:30:30</sup>		track AR 11089									

<b>PROG= 14 Inf.-time(s)</b>													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 19 1-time(s) 2.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
└─ Seqn= 20 4-time(s) 2.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
	Open/thick-Al	Open/thick-Be	close	Safe	Norm	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
└─ Subr= 2 1-time(s) 2.0sec													
└─ Seqn= 78 20-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 #17F8: Support HOP77 for FW1=Open, 384x384 at 1064 1048, 10sec-cad												
Term	Pointing (x, y)		Comment									
07/30 19:05:00 - 07/30 19:39:54	Track ( -709.8, 161.0) <sup>Ⓢ 07/30 16:01:00</sup>		# HOP 77 - SUMI support AR11092									

<b>PROG= 09 Inf.-time(s)</b>													
└─ Subr= 2 1-time(s) 2.0sec													
└─ Seqn= 18 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
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 25 60-time(s) 10.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec

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### Flare mode

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XOB #17EF: Flare Standard Obs. with eruptions mode-A (FW1=Open)											
Term	Pointing (x, y)						Comment				
07/29 10:40:02 - 07/29 11:10:00	Track ( 678.1, -452.4) @ 07/29 10:33:00						# OP start + 10min : track AR 11089				
07/30 09:33:00 - 07/30 15:44:30	Track ( 773.6, -437.3) @ 07/30 09:30:00						track AR 11089				
07/30 16:04:00 - 07/30 18:21:30	Track ( -709.8, 161.0) @ 07/30 16:01:00						# HOP 77 - SUMI support AR11092				
07/30 19:05:00 - 07/30 19:39:54	Track ( -709.8, 161.0) @ 07/30 16:01:00						# HOP 77 - SUMI support AR11092				
07/30 19:43:00 - 07/31 06:19:54	Track ( -709.8, 161.0) @ 07/30 16:01:00						# HOP 77 - SUMI support AR11092				
07/31 06:33:00 - 07/31 10:41:54	Track ( 829.8, -421.6) @ 07/31 06:30:30						track AR 11089				
<b>PROG= 07 1-time(s)</b>											
<b>Subr= 1 30-time(s) 20.0sec</b>											
<b>Seqn= 87 1-time(s) 2.0sec</b>											
Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	Obs 1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs 1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
<b>Seqn= 91 1-time(s) 2.0sec</b>											
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs 2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs 2x2	512x512 (1024, 1024)	Q=95	0	0	2.0sec
<b>Subr= 2 1-time(s) 2.0sec</b>											
<b>Seqn= 90 1-time(s) 2.0sec</b>											
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs 1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs 1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs 2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec
<b>Subr= 3 30-time(s) 60.0sec</b>											
<b>Seqn= 87 1-time(s) 2.0sec</b>											
Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	Obs 1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs 1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
<b>Seqn= 88 1-time(s) 2.0sec</b>											
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs 2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs 2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
<b>Subr= 2 1-time(s) 2.0sec</b>											
<b>Seqn= 90 1-time(s) 2.0sec</b>											
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs 1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs 1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs 2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec
<b>Subr= 3 30-time(s) 60.0sec</b>											
<b>Seqn= 87 1-time(s) 2.0sec</b>											
Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	Obs 1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs 1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
<b>Seqn= 88 1-time(s) 2.0sec</b>											
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs 2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs 2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
<b>Subr= 2 1-time(s) 2.0sec</b>											
<b>Seqn= 90 1-time(s) 2.0sec</b>											
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs 1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs 1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs 2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec
<b>Subr= 3 30-time(s) 60.0sec</b>											
<b>Seqn= 87 1-time(s) 2.0sec</b>											
Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	Obs 1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs 1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
<b>Seqn= 88 1-time(s) 2.0sec</b>											
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs 2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs 2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
<b>Subr= 4 24-time(s) 600.0sec</b>											
<b>Seqn= 89 1-time(s) 2.0sec</b>											
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs 1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs 1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs 1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	500ms	Obs 1x1	384x384 (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

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### Active Region Search

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NOT USED

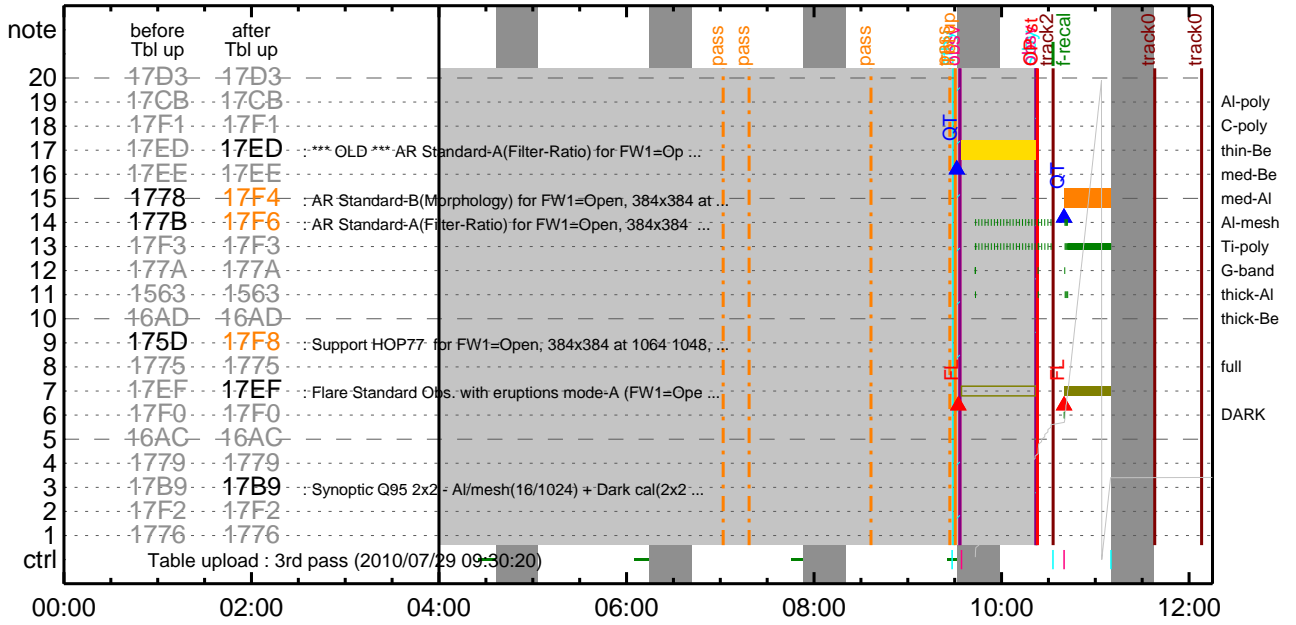
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### Flare Detection

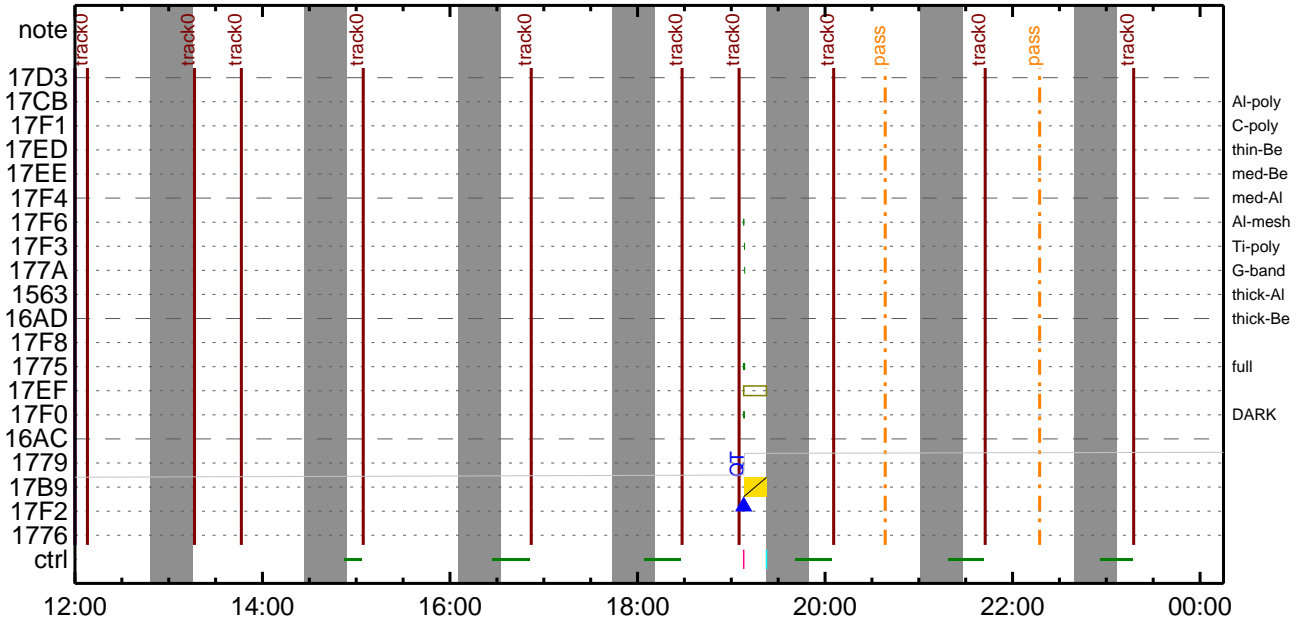
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FLD Patrol											
Term	Pointing (x, y)						Comment				
07/29 10:37:18 - 07/29 19:05:14	Track ( 678.1, -452.4) @ 07/29 10:33:00						# OP start + 10min : track AR 11089				
07/30 09:30:16 - 07/30 15:51:14	Track ( 773.6, -437.3) @ 07/30 09:30:00						track AR 11089				
07/30 16:01:16 - 07/31 06:20:16	Track ( -709.8, 161.0) @ 07/30 16:01:00						# HOP 77 - SUMI support AR11092				
07/31 06:30:16 - 08/03 10:12:00	Fixed ( 0.0, 0.0)						synoptic, shifted 20.5 min				
Open/Ti-poly	Open/thick-Al	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

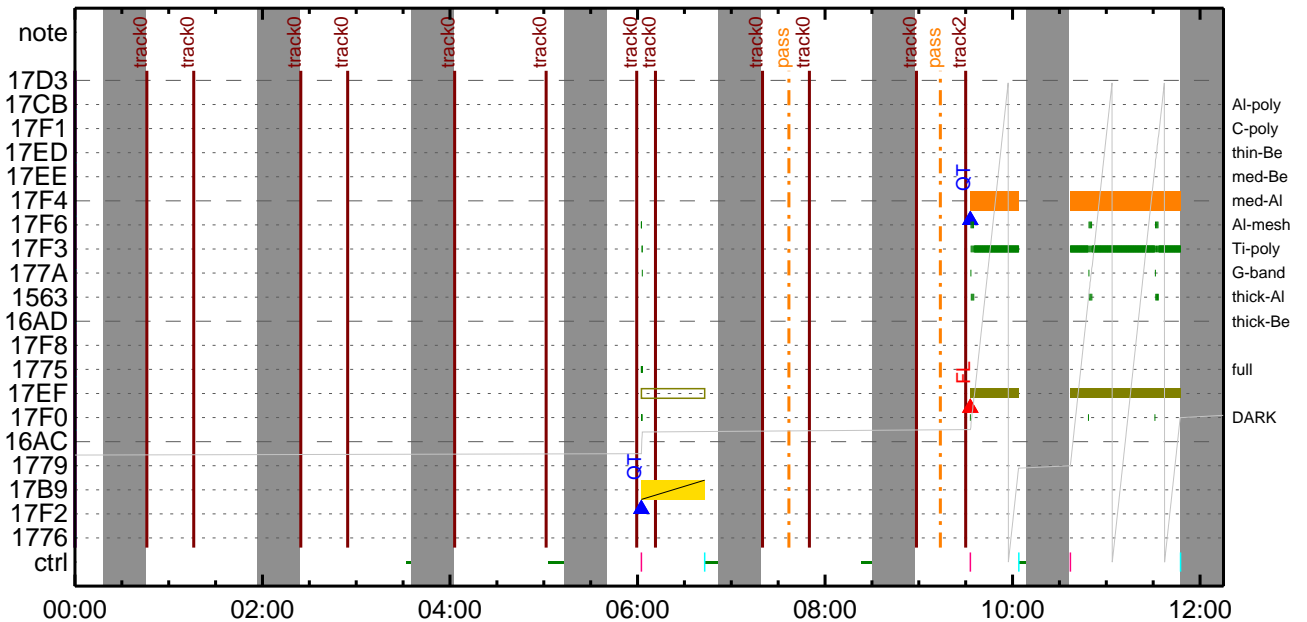
### CMDI #0400 2010/07/29



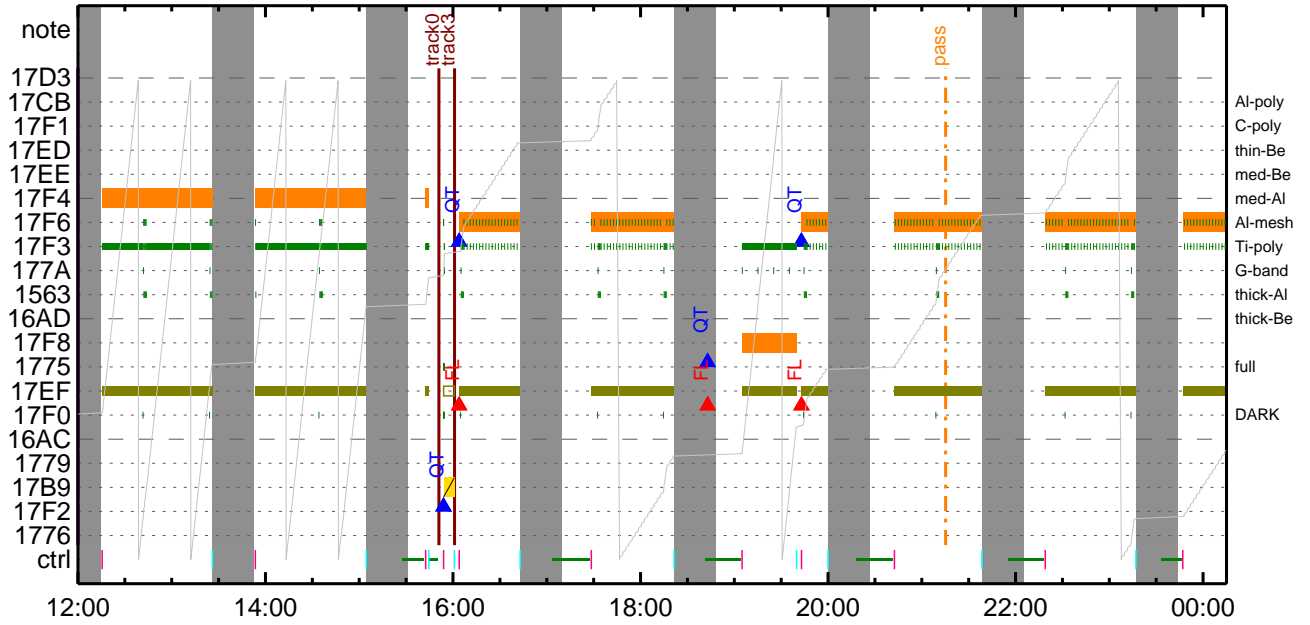
### CMDI #0400 2010/07/29



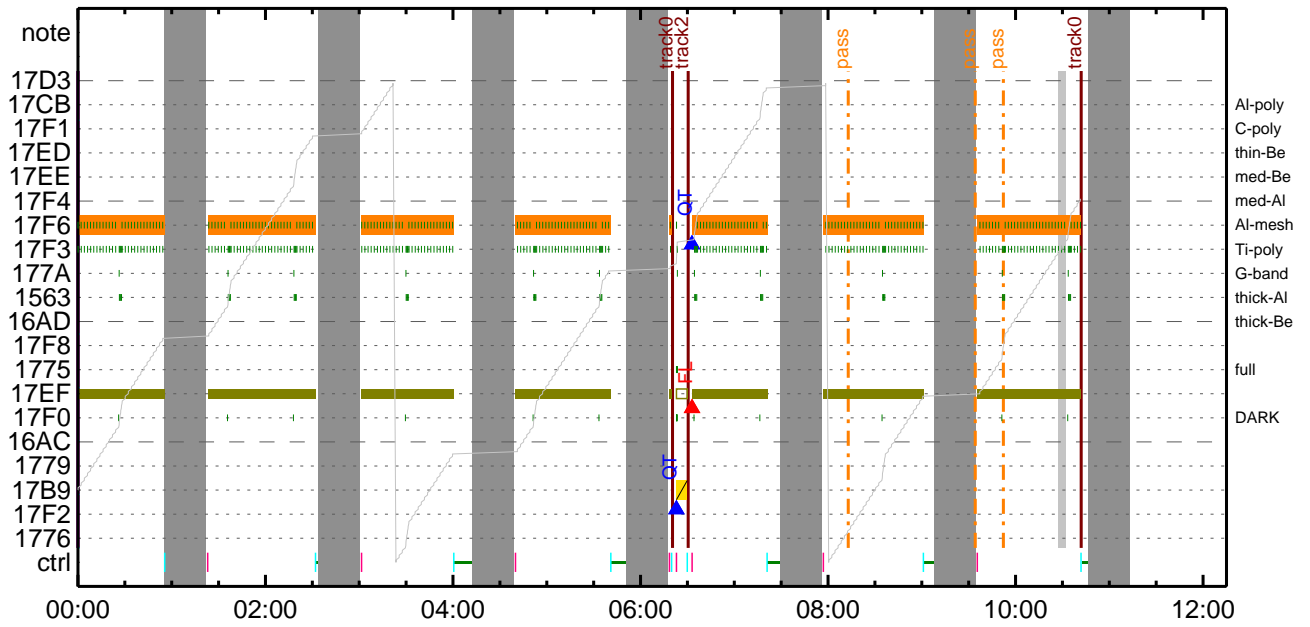
### CMDI #0400 2010/07/30



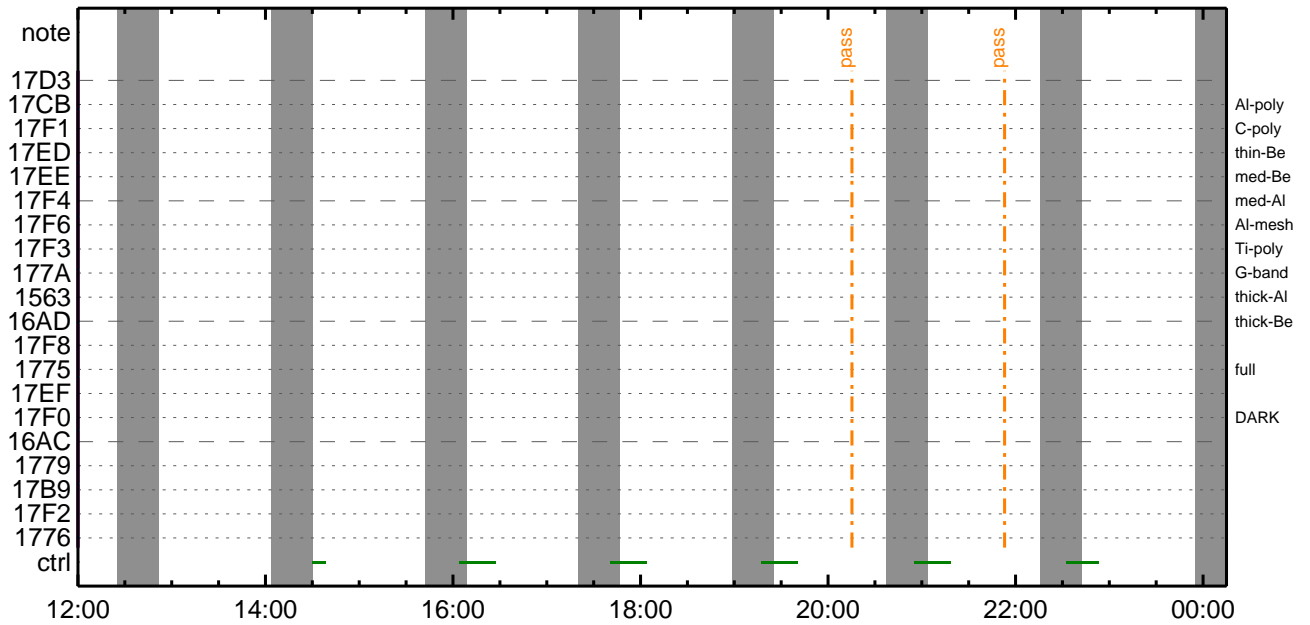
CMDI #0400 2010/07/30



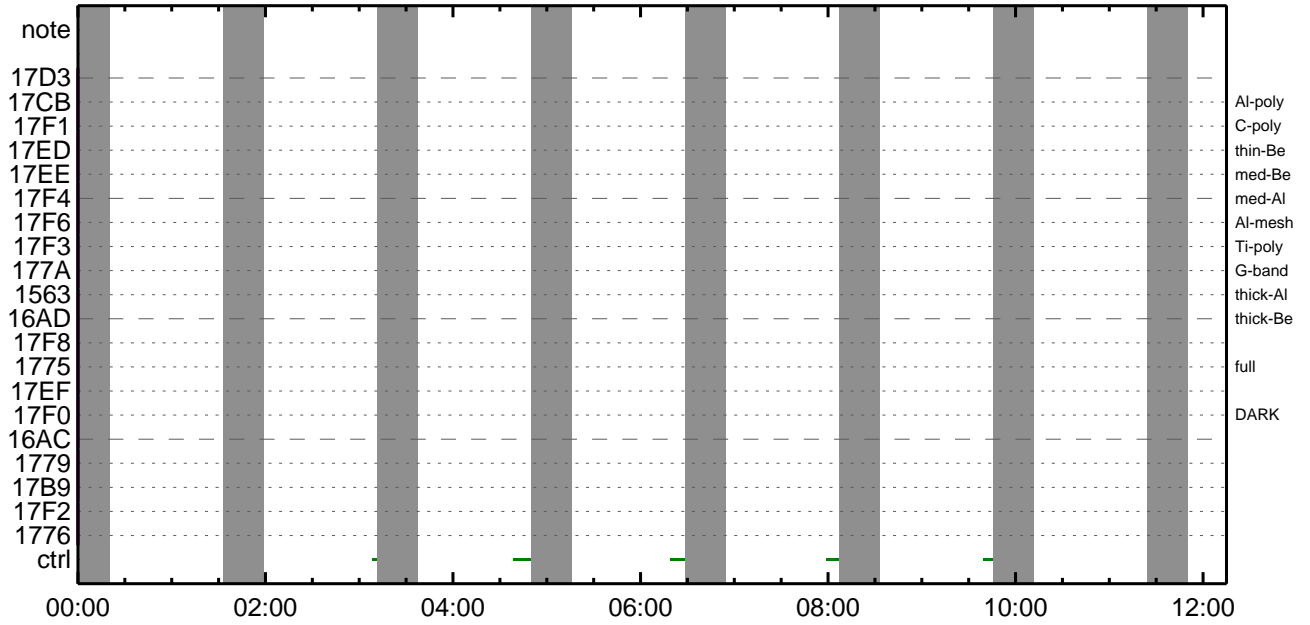
CMDI #0400 2010/07/31



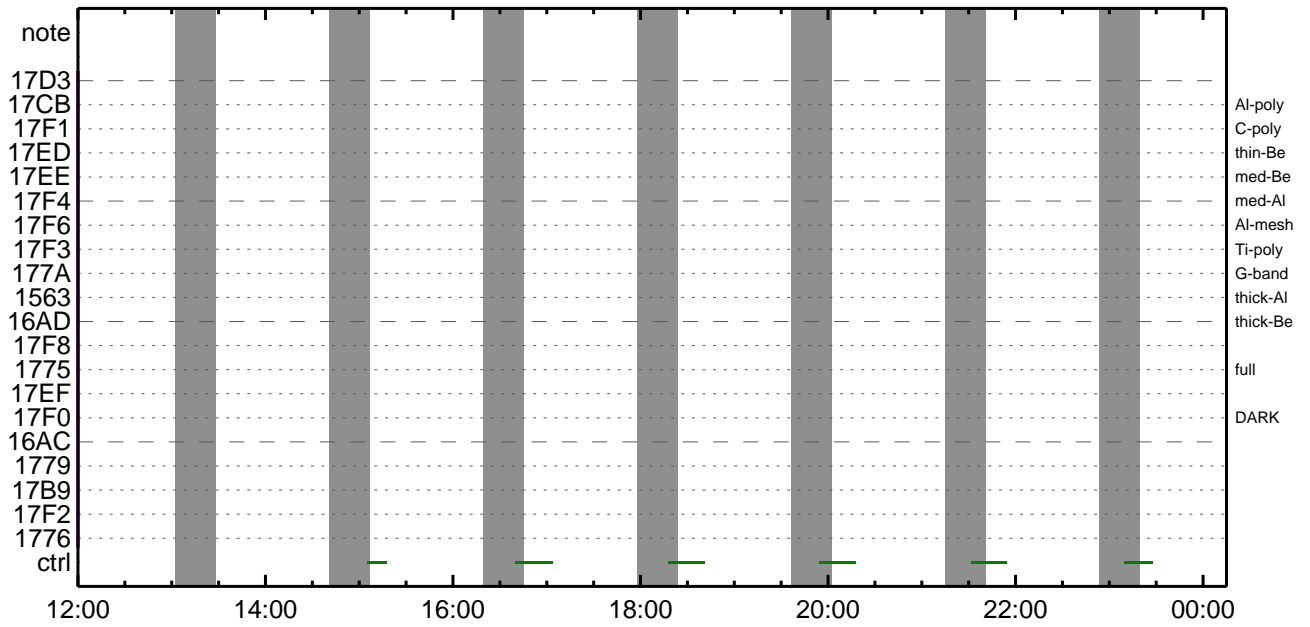
CMDI #0400 2010/07/31



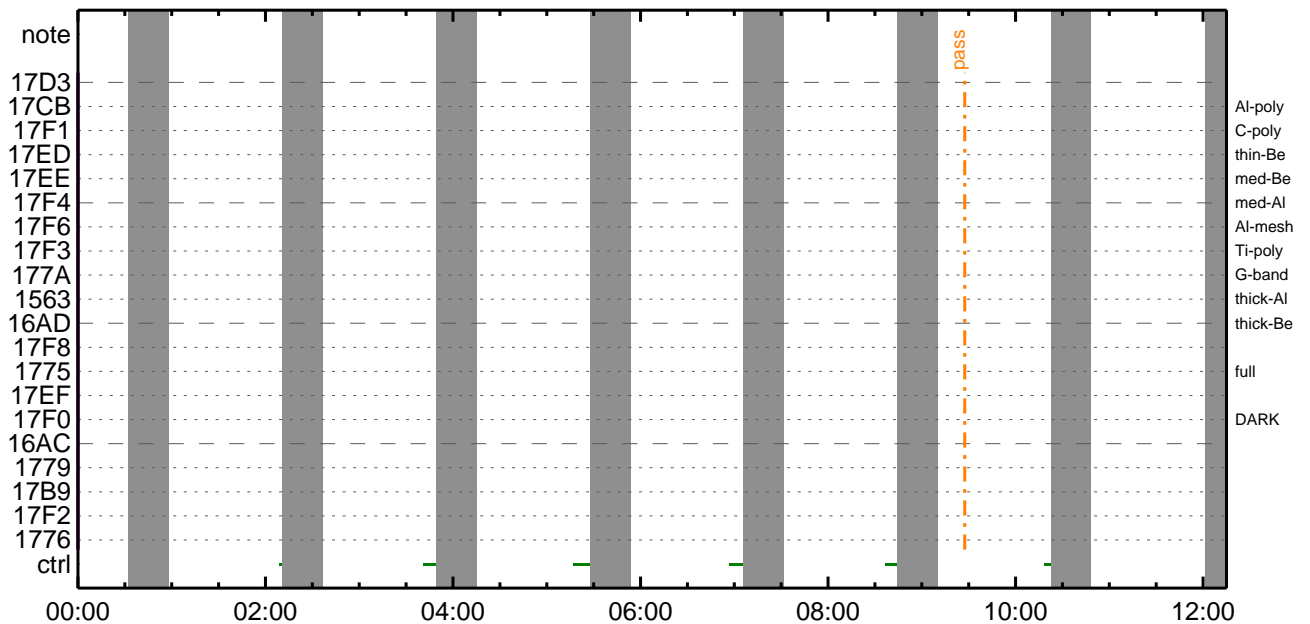
CMDI #0400 2010/08/01



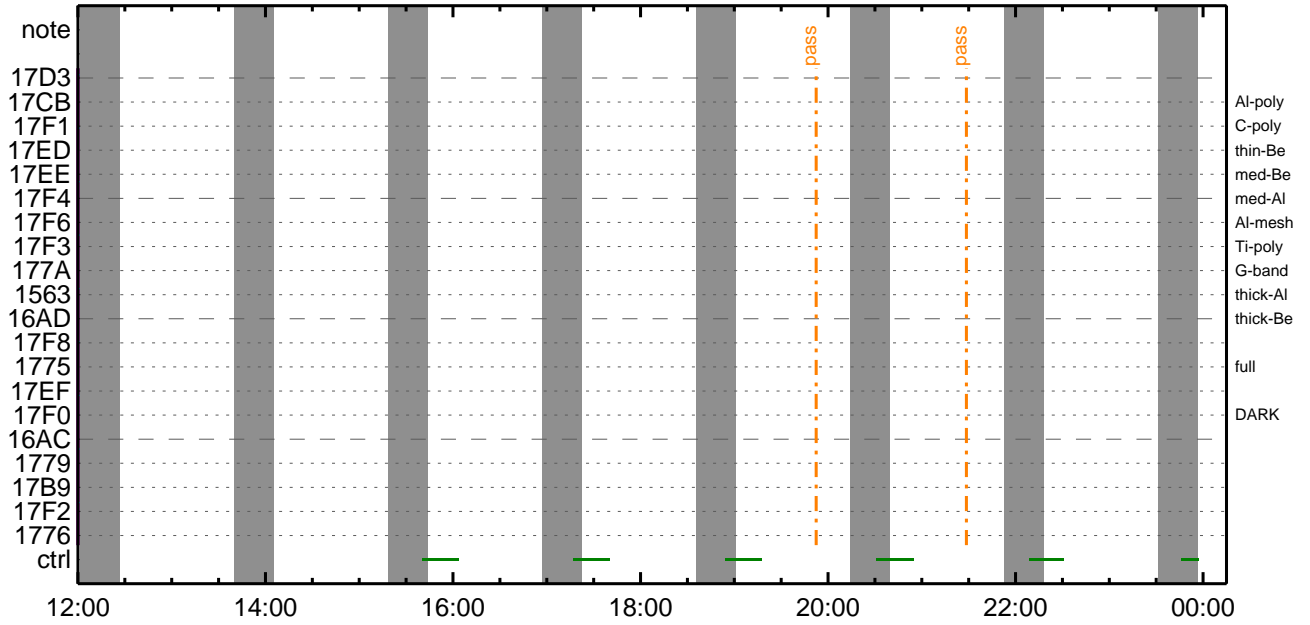
CMDI #0400 2010/08/01



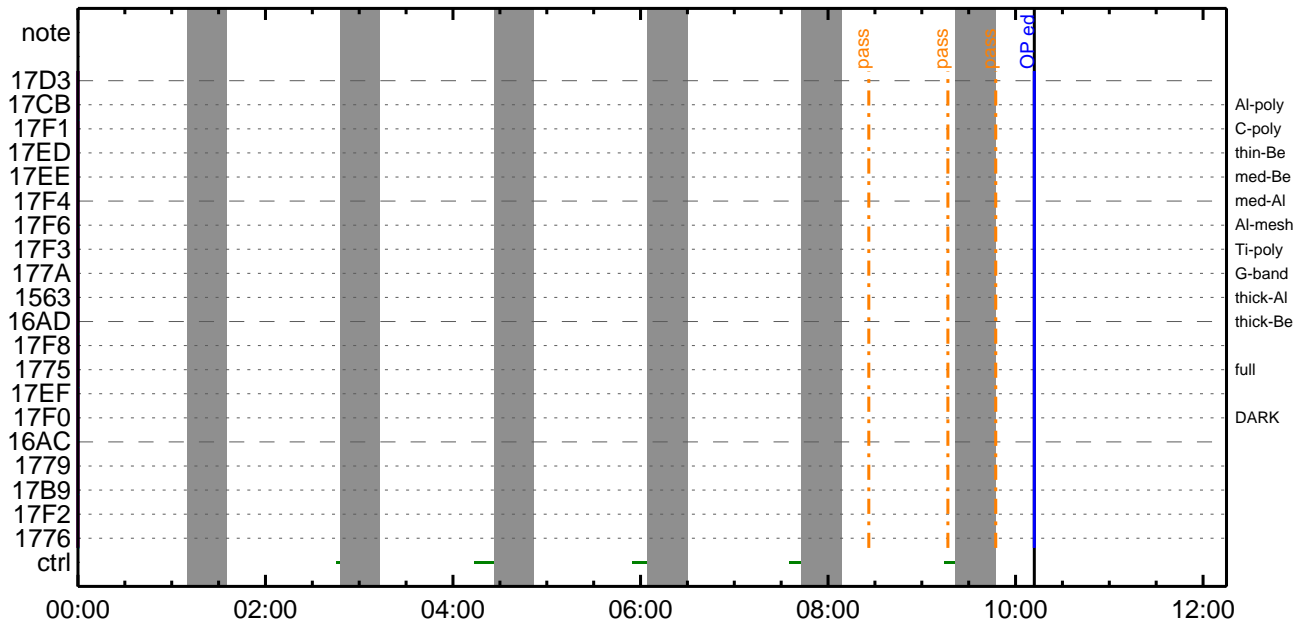
CMDI #0400 2010/08/02



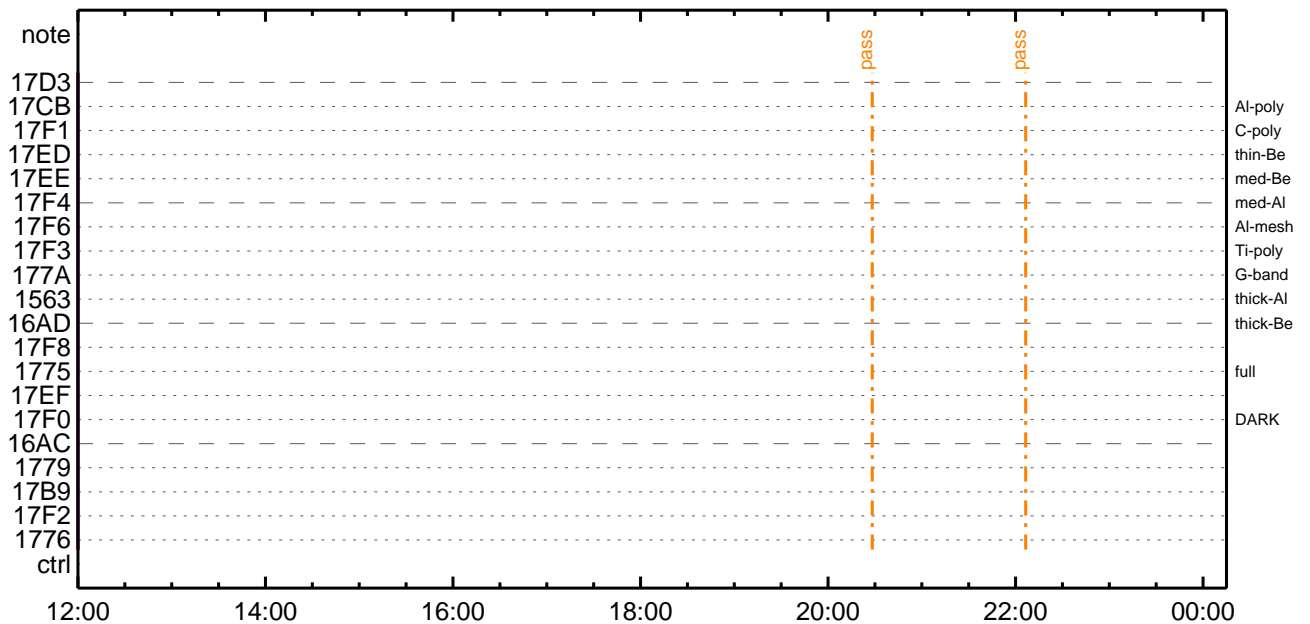
CMDI #0400 2010/08/02



CMDI #0400 2010/08/03



CMDI #0400 2010/08/03



(a) Spacecraft Operation Procedure (real-commands)

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main-495 2010-07-29 15:08:50 194 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÄY-¼Ä»Û;ã
0005 C.
0006 C. YÀYß;¼Y³YFÝÖYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;ÈçòÄâ•µ°Æ»Í×ÁÇçóÍYçYÄY×Yí;¼YÉ;ÈÈèµ•íÍË;ÈèÈ¼°ÇÒâ•ò¿¼í¹ççÍ;çÄ®, ùò¹òèçòÇÁ+¿®â•òÈççç³òÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. OP/OGYí;¼YÉ;|YÄYÖY×
0016 C. *****
0017 C.
0018 . C. ;ãOP/OGYí;¼YÉ;ã
0019 . S. OP op-495:OP
0020 ()
0021 . S. OG og-495:OG
0022 ()
0023 C.
0024 . C. ;ãNMOG&OPÍ°èYÄYÖY×;ã
0025 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0026 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0027 BC (20 00 7f 01 02)
0028 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0029 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0030 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0031 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0032 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0033 +. DC 01-22 DHU_MODE_CHNG
0034 BC (07 0b f8)
0035 C. çç[HK1_PKT_FORM_NO] EQ 7
0036 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0037 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0038 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0039 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0040 . C. YÄYÖY×½ª î»òð³ ÍÇ§
0041 C. çç[HK1_DMP_CHK_FLG] EQ NON
0042 . C. RAM ID=NMOGòÍ¼È¹ç•è²ÍOKòð³ ÍÇ§
0043 C.
0044 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0045 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0046 BC (20 80 7f 01 02)
0047 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0048 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0049 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0050 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0051 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0052 +. DC 01-22 DHU_MODE_CHNG
0053 BC (07 0b f8)
0054 C. çç[HK1_PKT_FORM_NO] EQ 7
0055 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0056 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0057 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0058 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0059 . C. YÄYÖY×½ª î»òð³ ÍÇ§
0060 C. çç[HK1_DMP_CHK_FLG] EQ NON
0061 . C. RAM ID=NMOGòÍ¼È¹ç•è²ÍOKòð³ ÍÇ§
0062 C.
0063 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0064 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0065 BC (21 00 41 01 02)
0066 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0067 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0068 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0069 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0070 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0071 +. DC 01-22 DHU_MODE_CHNG
0072 BC (07 0b f8)
0073 C. çç[HK1_PKT_FORM_NO] EQ 7
0074 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0075 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0076 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0077 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0078 . C. YÄYÖY×½ª î»òð³ ÍÇ§
0079 C. çç[HK1_DMP_CHK_FLG] EQ NON
0080 . C. RAM ID=NMOG,RAM ID=OPòÍ¼È¹ç•è²ÍOKòð³ ÍÇ§
0081 C.
0082 . C. ***** òÈ²¼òÍ¼Ä´¶Á°òÈÈ-ò°Á+¿® (¼áµ-YÄYÖY×¼è½çòðÄÓÃæçª°â°ò¼¼í¹ççççâ) *****
0083 C. DHUYã;¼YÉ;È¼Y¼;Yí;¼YÉ;ÈòòÍá¹
0084 +. DC 01-22 DHU_MODE_CHNG
0085 BC (02 0a f8)
0086 C. çç[HK1_PKT_FORM_NO] EQ 2
0087 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0088 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0089 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0090 C.
0091 . C. *****
0092 C. TI-CMD SET (OPOG STOP/COPY/START)
0093 C. *****
0094 C.
0095 . C. NOTICE |§ OPOG UPLOADò-Á+¿®NGòÍ¼¹ç;ç°È²¼òÍTI-CMDÁ+¿®òÍ¼Á¹Ôâ•òÈççç³òÈ;f

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0096 C.                SET EDUMP I±°iYÑY¹aÇ¹Ôa|a³aE;f
0097 C.
0098 C. TIY³YF¥ÖYÉaðdÄDİ¿(UT)
0099 +. TI 2010-07-29 10:18:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.                çç[HK1_TI_CMD_NUM]           EQ      1COUNTUP
0102 C.
0103 +. TI 2010-07-29 10:18:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.                çç[HK1_TI_CMD_NUM]           EQ      1COUNTUP
0106 C.
0107 +. TI 2010-07-29 10:18:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.                çç[HK1_TI_CMD_NUM]           EQ      1COUNTUP
0110 C.
0111 +. TI 2010-07-29 10:22:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.                çç[HK1_TI_CMD_NUM]           EQ      1COUNTUP
0114 C.
0115 C. °E²¼aİÄè%îÍÑaİYÁ¥§YÁY-¹àìÛ
0116 C.                çç[HK1_TI_CMD_ENA/DIS]       EQ      ENA
0117 C.                çç[HK1_TI_CMD_NUM]         EQ      4
0118 C.                çç[HK1_NEXT_EXEC_PIM]      EQ      DHU
0119 C.                çç[HK1_NEXT_EXEC_DC]      EQ      0xB3
0120 C.
0121 C. *****
0122 C. TIİî°èYÀ¥ÖY×
0123 C. *****
0124 C.
0125 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0126 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0127 BC (03 ab 03 01 02)
0128 C.                çç[HK1_DMP_TOP_ADRS_1]       EQ      07
0129 C.                çç[HK1_DMP_TOP_ADRS_0]       EQ      2B
0130 C.                çç[HK1_DMP_BLOCK_NUM]       EQ      3
0131 C.                çç[HK1_DMP_REPEAT_NUM]      EQ      0
0132 C.                çç[HK1_DMA_DMP_PIM]        EQ      DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC (07 0b f8)
0135 C.                çç[HK1_PKT_FORM_NO]         EQ      7
0136 C.                çç[HK1_PKT_GEN_TIME]        EQ      0.25 s
0137 C.                çç[HK1_S_TLM_BIT_RATE]      EQ      32k
0138 C.                çç[HK1_X_TLM_BIT_RATE]      EQ      4M
0139 C.                çç[HK1_DMP_CHK_FLG]        EQ      EXEC
0140 C.
0141 C. YÀ¥ÖY×½ªİ»að³İÇ§
0142 C.                çç[HK1_DMP_CHK_FLG]        EQ      NON
0143 C.
0144 C. RAM ID=TI_TBLaİ%È¹Ç•è²İOKað³İÇ§
0145 C.
0146 C. DHUYâ;¼YÉ;È¼Y½,¥î;¼YÈ;Èaðìãa¹
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC (02 0a f8)
0149 C.                çç[HK1_PKT_FORM_NO]         EQ      2
0150 C.                çç[HK1_PKT_GEN_TIME]        EQ      0.5S
0151 C.                çç[HK1_S_TLM_BIT_RATE]      EQ      32K
0152 C.                çç[HK1_X_TLM_BIT_RATE]      EQ      4M
0153 C.
0154 C. Stop EIS observation and temporarily disable EIS mode changes
0155 C.
0156 C.
0157 C. ***** Start EIS operation (TI set) *****
0158 C. Execute, after the success of OP upload.
0159 C. Set EIS TI-commands
0160 +. TI 2010-07-29 10:22:30.0
0161 DC 07-FC EIS_MODE_MANU
0162 BC (21 02)
0163 +. TI 2010-07-29 10:22:40.0
0164 DC 07-FC EIS_MODE_CHG_DIS
0165 BC (22)
0166 C.                [ ] [HK1_TI_CMD_NUM]         EQ      2 COUNTUP
0167 C. ***** End EIS operation (TI set) *****
0168 C.
0169 C.
0170 C.
0171 C. ***** XRT START *****
0172 C. Execute, after the success of OP upload.
0173 +. TI 2010-07-29 10:22:00.0
0174 DC 07-F0 MDP_XRT_MODE_STBY
0175 BC (c3)
0176 C.                [ ] [HK1_TI_CMD_NUM]         EQ      1COUNTUP
0177 C.
0178 C. ***** XRT END *****
0179 C.
0180 C. ***** MDP ´úÃîaİ»ö¼YªEÄa¹aèDCBC•x²è *****
0181 C. (%ã°îYÖYÁYÉY¥YÉYÁYÇYèaE¼aª¼A»Ûa¹aè)
0182 C. S. DC-BC dcbc-402:DCBC
0183 C. (MDP_known_event)
0184 C.
0185 C.
0186 C. ***** YD¥¹•İ Daily±¿İÑaÈ¹Øa¹aèDCBC•x²è *****
0187 C. S. DC-BC dcbc-153:DCBC
0188 C. (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0189 C.
0190 C.
0191 C. ;ãLOS¥ÁY§YÁY-¼A»Û;ã
0192 C.
0193 C. ***** LOS *****

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0096 C.
0097 C.
0098 . C. ***** AOCS Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ( )
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STs1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCS Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCSDUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 . C.
0129 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0130 +. DC 07-FC EIS_MODE_MANU
0131 BC (21 02)
0132 . C. Verify EIS in MANUAL mode
0133 . C. Estimated OBSTBL upload time is 42s
0134 C. *****
0135 C. EIS START OBSTBL LOAD
0136 C. *****
0137 . S. RAM ram-820:EIS_OBSTBL
0138 ( )
0139 +. DC 07-FC EIS_DUMP_OBSTBL
0140 BC (07 07 07 00 00 70 00)
0141 C.
0142 C. Execute, after the success of OBSTBL upload.
0143 C. Set EIS TI-commands
0144 +. TI 2010-07-29 10:22:50.0
0145 DC 07-FC EIS_MODE_CHG_ENA
0146 BC (20)
0147 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0148 C. *****
0149 C. EIS END OBSTBL LOAD
0150 C. *****
0151 C.
0152 . C. ***** MDP 'ôÃîâî»ö¼ÝðÄÃð¹æDCBC•x²è *****
0153 C. (%â°îYÔYÄYÉYÏYÉYÄY¿YèæE¾¼α¼Ä»Û¹æè)
0154 . S. DC-BC dcbc-402:DCBC
0155 (MDP_known_event)
0156 C.
0157 C.
0158 . C. ***** YÐY¹•Ï Daily±¿ÍÑæÉ'ø¹æDCBC•x²è *****
0159 . S. DC-BC dcbc-153:DCBC
0160 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0161 C.
0162 C.
0163 . C. ;ãLOS¥ÄY$YÄY-¼Ä»Û;ã
0164 C.
0165 . C. ***** LOS *****
0166 C.
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0096 BC (c4 11)
0097 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0098 BC (c5 07)
0099 C.
0100 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0101 C.
0102 +. DC 07-F0 MDP_XRT_MODE_OBSV
0103 BC (c2)
0104 +. DC 07-F0 MDP_XRT_CTRL_AUTO
0105 BC (c0)
0106 +. TI 2010-07-29 10:22:02.0
0107 DC 07-F0 MDP_XRT_MODE_OBSV
0108 BC (c2)
0109 . C. ----- Success Verify ? OK / NG ____
0110 C.
0111 C. ***** XRT END *****
0112 C.
0113 . C. ***** MDP 'úÃîñî»ö¼ÝðËÂð¹ñèDCBC•x²è *****
0114 C. (¼ã°îÝÓÝÄÝËÝÞÝËÝáÝçÝèñÈ¼ññ¼Ä»Ûñ¹ñè)
0115 . S. DC-BC dcbc-402:DCBC
0116 (MDP_known_event)
0117 C.
0118 C.
0119 . C. ***** ÝÐÝ¹•Ï Daily±¿ÎÑñË´Øñ¹ñèDCBC•x²è *****
0120 . S. DC-BC dcbc-153:DCBC
0121 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0122 C.
0123 C.
0124 . C. ;ãLOSÝÁÝ§ÝÄÝ¬¼Ä»Û;ã
0125 C.
0126 . C. ***** LOS *****
0127 C.
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\*\*\* OP Sequence for XRT \*\*\*

2010/07/29	10:32:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/07/29	10:32:56.0	XRT_FOCUS_RECALIBRATE_445_OG [0x1bd]							
		XRT_FOCUS_RECAL	2	07-F8	78	00			
2010/07/29	10:33:00.5	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	02	00	00	00	00
2010/07/29	10:36:56.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2010/07/29	10:37:16.0	XRT_FLD_RESET_449_OG [0x1c1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/07/29	10:37:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/07/29	10:37:20.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/07/29	10:37:22.0	XRT_AEC_RESET_441_OG [0x1b9]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2010/07/29	10:37:24.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/07/29	10:39:58.0	XRT_QT_PROG_SET_435_OG [0x1b3]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f			
2010/07/29	10:40:00.0	XRT_FL_PROG_SET_405_OG [0x195]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	07			
2010/07/29	10:40:02.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/07/29	11:10:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/07/29	11:38:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	54	00	00	72
2010/07/29	12:08:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	4e	0c	00	72
2010/07/29	13:16:30.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00	45	26	00	72
2010/07/29	13:46:30.0	AOCS_Ore-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00	3c	41	00	72
2010/07/29	15:04:30.0	AOCS_Ore-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00	33	64	00	72
2010/07/29	16:52:00.0	AOCS_Ore-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00	2a	7e	00	72
2010/07/29	18:28:30.0	AOCS_Ore-point_Start_8_OG [0x09e]							
		AOCU_NM	5	02-76	00	21	99	00	72
2010/07/29	19:04:54.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2010/07/29	19:05:00.0	AOCS_Ore-point_Start_9_OG [0x09f]							
		AOCU_NM	5	02-76	00	00	00	00	00
2010/07/29	19:05:14.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/07/29	19:05:16.0	XRT_FLRCTRL_DIS_403_OG [0x193]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/07/29	19:05:18.0	XRT_ARS_DIS_404_OG [0x194]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/07/29	19:07:56.0	XRT_QT_PROG_SET_407_OG [0x197]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2010/07/29	19:07:58.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/07/29	19:22:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/07/29	20:05:30.0	AOCS_Ore-point_Start_10_OG [0x0a0]							
		AOCU_NM	5	02-76	00	18	b4	00	72
2010/07/29	21:42:30.0	AOCS_Ore-point_Start_11_OG [0x0a1]							
		AOCU_NM	5	02-76	00	0f	ce	00	72
2010/07/29	23:17:30.5	AOCS_Ore-point_Start_12_OG [0x0a2]							
		AOCU_NM	5	02-76	00	06	f1	00	72
2010/07/30	00:46:00.0	AOCS_Ore-point_Start_13_OG [0x0a3]							
		AOCU_NM	5	02-76	00	fe	f2	00	72
2010/07/30	01:16:00.0	AOCS_Ore-point_Start_14_OG [0x0a4]							
		AOCU_NM	5	02-76	00	f6	0d	00	72
2010/07/30	02:24:30.0	AOCS_Ore-point_Start_15_OG [0x0a5]							
		AOCU_NM	5	02-76	00	ed	27	00	72
2010/07/30	02:54:30.0	AOCS_Ore-point_Start_16_OG [0x0a6]							
		AOCU_NM	5	02-76	00	e4	42	00	72
2010/07/30	04:03:00.0	AOCS_Ore-point_Start_17_OG [0x0a7]							
		AOCU_NM	5	02-76	00	db	65	00	72
2010/07/30	05:01:30.0	AOCS_Ore-point_Start_18_OG [0x0a8]							
		AOCU_NM	5	02-76	00	d2	7f	00	72
2010/07/30	05:59:24.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2010/07/30	05:59:30.0	AOCS_Ore-point_Start_9_OG [0x09f]							
		AOCU_NM	5	02-76	00	00	00	00	00
2010/07/30	05:59:44.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/07/30	05:59:46.0	XRT_FLRCTRL_DIS_403_OG [0x193]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/07/30	05:59:48.0	XRT_ARS_DIS_404_OG [0x194]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/07/30	06:02:26.0	XRT_QT_PROG_SET_407_OG [0x197]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2010/07/30	06:02:28.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/07/30	06:11:30.0	AOCS_Ore-point_Start_19_OG [0x0a9]							
		AOCU_NM	5	02-76	00	c9	9a	00	72
2010/07/30	06:43:00.0	XRT_CTRL_MANU_408_OG [0x198]							

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2010/07/30	07:20:00.0	MDP_XRT_CTRL_MANU	1	07-F0	c1
		AOCS_ORe-point_Start_20_OG [0x0aa]			
		AOCU_NM	5	02-76	00 c0 b5 00 72
2010/07/30	07:50:00.0	AOCS_ORe-point_Start_21_OG [0x0ab]			
		AOCU_NM	5	02-76	00 b7 cf 00 72
2010/07/30	08:58:30.0	AOCS_ORe-point_Start_22_OG [0x0ac]			
		AOCU_NM	5	02-76	00 ae f2 00 72
2010/07/30	09:29:54.0	XRT_FOCUS_POSITION_409_OG [0x199]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/07/30	09:30:00.0	AOCS_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	02 00 00 00 00
2010/07/30	09:30:14.0	XRT_FLD_RESET_449_OG [0x1c1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2010/07/30	09:30:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2010/07/30	09:30:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/07/30	09:30:20.0	XRT_AEC_RESET_441_OG [0x1b9]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2010/07/30	09:30:22.0	XRT_ARS_DIS_420_OG [0x1a4]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2010/07/30	09:32:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2010/07/30	09:32:58.0	XRT_FL_PROG_SET_405_OG [0x195]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2010/07/30	09:33:00.0	XRT_CTRL_AUTO_406_OG [0x196]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/07/30	10:04:00.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/07/30	10:36:00.0	XRT_Custom_418_OG [0x1a2]			
2010/07/30	10:37:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/07/30	11:47:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/07/30	12:14:30.0	XRT_Custom_418_OG [0x1a2]			
2010/07/30	12:15:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/07/30	13:26:00.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/07/30	13:52:30.0	XRT_Custom_418_OG [0x1a2]			
2010/07/30	13:53:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/07/30	15:04:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/07/30	15:41:30.0	XRT_Custom_418_OG [0x1a2]			
2010/07/30	15:42:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/07/30	15:44:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/07/30	15:50:54.0	XRT_FOCUS_POSITION_401_OG [0x191]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2010/07/30	15:51:00.0	AOCS_ORe-point_Start_9_OG [0x09f]			
		AOCU_NM	5	02-76	00 00 00 00 00
2010/07/30	15:51:14.0	XRT_FLD_DIS_402_OG [0x192]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2010/07/30	15:51:16.0	XRT_FLRCTRL_DIS_403_OG [0x193]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2010/07/30	15:51:18.0	XRT_ARS_DIS_404_OG [0x194]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2010/07/30	15:53:56.0	XRT_QT_PROG_SET_407_OG [0x197]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2010/07/30	15:53:58.0	XRT_CTRL_AUTO_406_OG [0x196]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/07/30	16:00:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/07/30	16:00:56.0	XRT_FOCUS_POSITION_409_OG [0x199]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/07/30	16:01:00.0	AOCS_ORe-point_Start_23_OG [0x0ad]			
		AOCU_NM	5	02-76	03 00 00 00 00
2010/07/30	16:01:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2010/07/30	16:01:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/07/30	16:01:20.0	XRT_AEC_RESET_441_OG [0x1b9]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2010/07/30	16:01:22.0	XRT_ARS_DIS_420_OG [0x1a4]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2010/07/30	16:03:56.0	XRT_QT_PROG_SET_448_OG [0x1c0]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e
2010/07/30	16:03:58.0	XRT_FL_PROG_SET_405_OG [0x195]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2010/07/30	16:04:00.0	XRT_CTRL_AUTO_406_OG [0x196]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/07/30	16:43:00.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/07/30	17:27:30.0	XRT_Custom_418_OG [0x1a2]			
2010/07/30	17:28:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/07/30	18:21:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/07/30	18:39:54.0	XRT_FOCUS_POSITION_409_OG [0x199]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/07/30	18:40:14.0	XRT_FLD_RESET_449_OG [0x1c1]			

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2010/07/30	18:40:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_RESET	1	07-F0	da
			MDP_XRT_FLD_ENA	1	07-F0	d8
2010/07/30	18:40:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/07/30	18:40:20.0	XRT_AEC_RESET_441_OG [0x1b9]	MDP_XRT_AEC_RESET	1	07-F0	d0
2010/07/30	18:40:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/07/30	18:42:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2010/07/30	18:42:58.0	XRT_FL_PROG_SET_405_OG [0x195]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2010/07/30	19:04:00.0	XRT_Custom_418_OG [0x1a2]				
2010/07/30	19:05:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/07/30	19:39:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/07/30	19:39:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/07/30	19:40:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2010/07/30	19:40:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/07/30	19:40:20.0	XRT_AEC_RESET_441_OG [0x1b9]	MDP_XRT_AEC_RESET	1	07-F0	d0
2010/07/30	19:40:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/07/30	19:42:56.0	XRT_QT_PROG_SET_448_OG [0x1c0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e
2010/07/30	19:42:58.0	XRT_FL_PROG_SET_405_OG [0x195]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2010/07/30	19:43:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/07/30	20:00:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/07/30	20:41:30.0	XRT_Custom_418_OG [0x1a2]				
2010/07/30	20:42:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/07/30	21:38:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/07/30	22:18:00.0	XRT_Custom_418_OG [0x1a2]				
2010/07/30	22:19:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/07/30	23:17:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/07/30	23:46:00.5	XRT_Custom_418_OG [0x1a2]				
2010/07/30	23:47:00.5	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/07/31	00:55:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/07/31	01:22:00.0	XRT_Custom_418_OG [0x1a2]				
2010/07/31	01:23:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/07/31	02:32:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/07/31	03:00:30.0	XRT_Custom_418_OG [0x1a2]				
2010/07/31	03:01:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/07/31	04:00:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/07/31	04:39:00.0	XRT_Custom_418_OG [0x1a2]				
2010/07/31	04:40:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/07/31	05:41:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/07/31	06:17:30.0	XRT_Custom_418_OG [0x1a2]				
2010/07/31	06:18:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/07/31	06:19:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/07/31	06:19:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2010/07/31	06:20:16.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9
2010/07/31	06:20:18.0	XRT_FLRCTRL_DIS_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2010/07/31	06:20:20.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/07/31	06:20:30.0	AOCS_ORe-point_Start_9_OG [0x09f]	AOCU_NM	5	02-76	00 00 00 00 00
2010/07/31	06:22:58.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2010/07/31	06:23:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/07/31	06:29:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/07/31	06:29:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/07/31	06:30:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2010/07/31	06:30:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8

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2010/07/31	06:30:20.0	XRT_AEC_RESET_441_OG [0x1b9]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2010/07/31	06:30:22.0	XRT_ARS_DIS_420_OG [0x1a4]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2010/07/31	06:30:30.0	AOCS_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	02 00 00 00 00
2010/07/31	06:32:56.0	XRT_QT_PROG_SET_448_OG [0x1c0]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e
2010/07/31	06:32:58.0	XRT_FL_PROG_SET_405_OG [0x195]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2010/07/31	06:33:00.0	XRT_CTRL_AUTO_406_OG [0x196]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/07/31	07:21:00.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/07/31	07:56:00.0	XRT_Custom_418_OG [0x1a2]			
2010/07/31	07:57:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/07/31	09:01:00.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/07/31	09:34:30.0	XRT_Custom_418_OG [0x1a2]			
2010/07/31	09:35:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/07/31	10:41:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/07/31	10:42:00.0	AOCS_ORe-point_Start_9_OG [0x09f]			
		AOCU_NM	5	02-76	00 00 00 00 00