

XRT Timeline to be uploaded on 2011/04/15

Period: 2011/04/15 22:43:00 - 2011/04/21 10:51:00

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Normal mode

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XOB #1872: Al_poly - AEC1 - 512x512 - 2 min cadence with 4096 ms full FOV context Q95												
Term	Pointing (x, y)		Comment									
04/15 22:56:02 - 04/16 06:14:24	Track (828.5, -410.3) @ 04/15 22:53:00		# OP start + 10min; HOP 183 prominence									
04/16 06:27:30 - 04/16 17:37:30	Track (840.6, -415.9) @ 04/16 06:24:30		# HOP 183 prominence									
04/16 18:14:30 - 04/17 05:47:54	Fixed (851.0, -424.0)		# HOP 183 prominence (fixed pointing)									
04/17 06:01:00 - 04/17 17:50:54	Fixed (851.0, -424.0)		# HOP 183 prominence (fixed pointing)									
04/17 18:14:00 - 04/17 22:56:30	Fixed (851.0, -424.0)		# HOP 183 prominence (fixed pointing)									
PROG= 14 Inf.-time(s)												
└─ Subr= 1 20-time(s) 120.0sec												
└─ Seqn= 67 1-time(s) 2.0sec												
└─ Al-poly/Open Al-poly/thick-Al close Safe Norm 2.00s Obs 1x1 512x512 (1024, 1024) Q=95 1 0 2.0sec												
└─ Subr= 2 1-time(s) 60.0sec												
└─ Seqn= 99 1-time(s) 2.0sec												
└─ Al-poly/Open Al-poly/thick-Al close Safe Norm 4.00s 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 #1871: Synoptic Q95 2x2 - Al/mesh(33/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(64/2048) + Thin-Be(36/2048)												
Term	Pointing (x, y)		Comment									
04/16 06:17:30 - 04/16 06:24:24	Fixed (0.0, 0.0)		synoptic, shifted 14.5 min									
04/16 18:04:30 - 04/16 18:11:24	Fixed (0.0, 0.0)		synoptic, shifted 1.5 min									
04/17 05:51:00 - 04/17 05:57:54	Fixed (0.0, 0.0)		synoptic, shifted -12.0 min									
04/17 17:54:00 - 04/17 18:00:54	Fixed (0.0, 0.0)		synoptic, shifted -9.0 min									
04/18 06:03:00 - 04/18 06:09:54	Fixed (0.0, 0.0)		synoptic									
PROG= 04 1-time(s)												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 98 1-time(s) 4.0sec												
└─ Open/Al-mesh Open/Ti-poly close Safe Norm 32ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Open/Al-mesh Open/Ti-poly 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= 74 1-time(s) 4.0sec												
└─ Open/Ti-poly Open/Ti-poly close Safe Norm 63ms 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= 32 1-time(s) 2.0sec												
└─ thin-Be/Open thin-Be/Open close Safe Norm 354ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ thin-Be/Open thin-Be/Open close Safe Norm 2.83s 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 #1844: AR Standard-A(Filter-Ratio) with PFB, thin-Be context, 384x384 at 1064 1048, 120s cad												
Term	Pointing (x, y)		Comment									
04/17 23:25:30 - 04/18 05:59:54	Track (727.0, 269.1) @ 04/17 23:00:00		track AR 11190									
04/18 06:13:00 - 04/18 06:50:00	Track (765.4, 263.9) @ 04/18 06:10:00		# track AR 11190									
PROG= 05 Inf.-time(s)												
└─ 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= 82 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												
└─ thin-Be/Open med-Be/Open close Safe Norm 16.0s Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec												
└─ Subr= 2 1-time(s) 2.0sec												
└─ Seqn= 15 20-time(s) 2.0sec												
└─ Open/Al-mesh Open/thick-Al close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec												
└─ Open/Ti-poly Open/thick-Be close Safe Norm 1.00s Obs 1x1 384x384 (1064, 1048) Q=95 3 0 30.0sec												
└─ Open/Al-mesh Open/thick-Al close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 3 1 2.0sec												
└─ Open/Ti-poly Open/thick-Be close Safe Norm 1.00s Obs 1x1 384x384 (1064, 1048) Q=95 3 1 30.0sec												
└─ Open/Al-mesh Open/thick-Al close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 3 2 2.0sec												
└─ Open/Ti-poly Open/thick-Be close Safe Norm 1.00s Obs 1x1 384x384 (1064, 1048) Q=95 3 2 30.0sec												
└─ Open/Al-mesh Open/thick-Al close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 3 3 2.0sec												
└─ Open/Ti-poly Open/thick-Be close Safe Norm 1.00s Obs 1x1 384x384 (1064, 1048) Q=95 3 3 30.0sec												
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 #1828: Flare Standard Obs. with eruptions mode-A (FW1=Open)												
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Term	Pointing (x, y)	Comment
04/17 23:25:30 - 04/18 05:59:54	Track (727.0, 269.1) ^{® 04/17 23:00:00}	track AR 11190
04/18 06:13:00 - 04/18 06:50:00	Track (765.4, 263.9) ^{® 04/18 06:10:00}	# track AR 11190
PROG= 16 1-time(s)		
Subr= 1 30-time(s) 20.0sec		
Seqn= 87 1-time(s) 2.0sec		
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
Seqn= 60 1-time(s) 2.0sec		
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
Subr= 2 1-time(s) 2.0sec		
Seqn= 90 1-time(s) 2.0sec		
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
Subr= 3 30-time(s) 60.0sec		
Seqn= 87 1-time(s) 2.0sec		
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
Seqn= 88 1-time(s) 2.0sec		
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
Subr= 2 1-time(s) 2.0sec		
Seqn= 90 1-time(s) 2.0sec		
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
Subr= 3 30-time(s) 60.0sec		
Seqn= 87 1-time(s) 2.0sec		
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
Seqn= 88 1-time(s) 2.0sec		
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
Subr= 2 1-time(s) 2.0sec		
Seqn= 90 1-time(s) 2.0sec		
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
Subr= 3 30-time(s) 60.0sec		
Seqn= 87 1-time(s) 2.0sec		
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
Seqn= 88 1-time(s) 2.0sec		
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
Subr= 4 24-time(s) 600.0sec		
Seqn= 89 1-time(s) 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
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/Al-mesh close	Safe Dark 1.00s 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

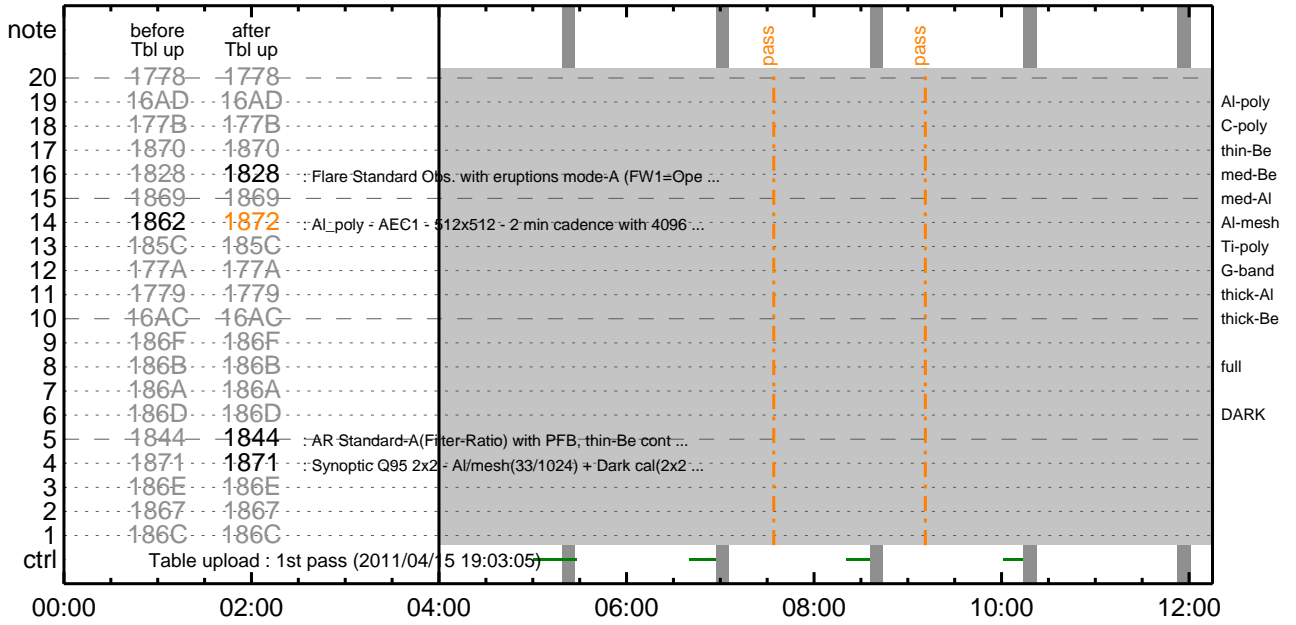
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Flare Detection

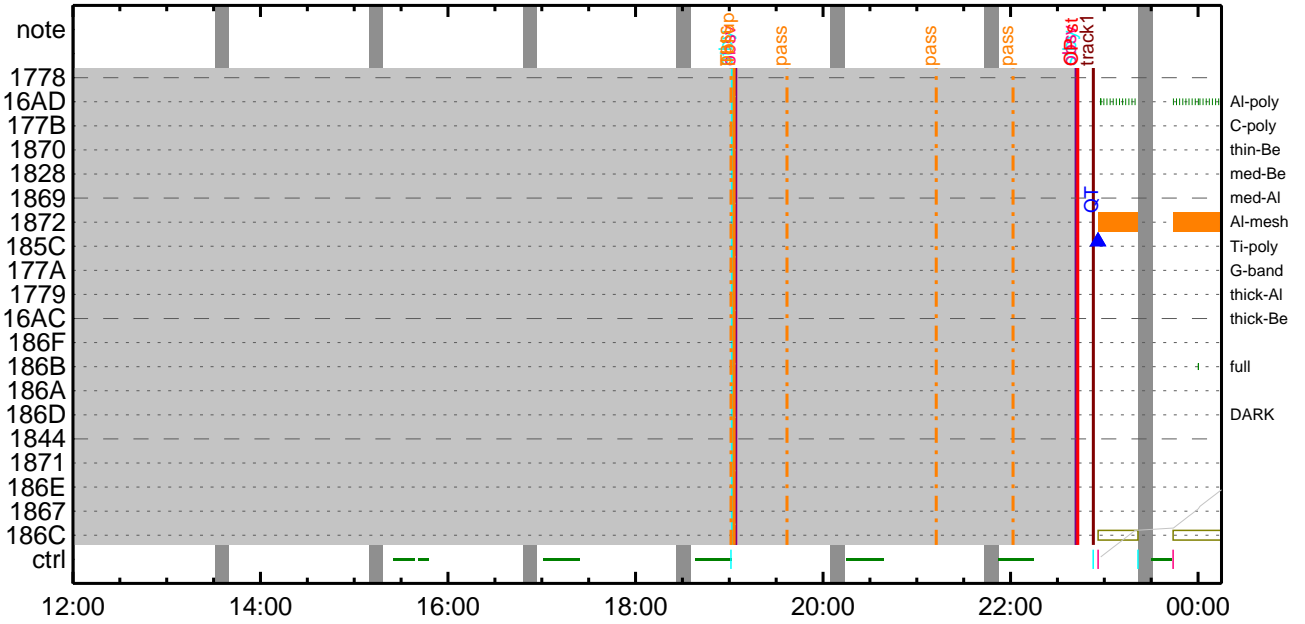
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FLD Patrol		
Term	Pointing (x, y)	Comment
04/17 23:00:16 - 04/18 06:00:16	Track (727.0, 269.1) ^{® 04/17 23:00:00}	track AR 11190
04/18 06:10:16 - 04/21 10:51:00	Track (765.4, 263.9) ^{® 04/18 06:10:00}	# track AR 11190
Open/Ti-poly	Open/thick-Al close	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

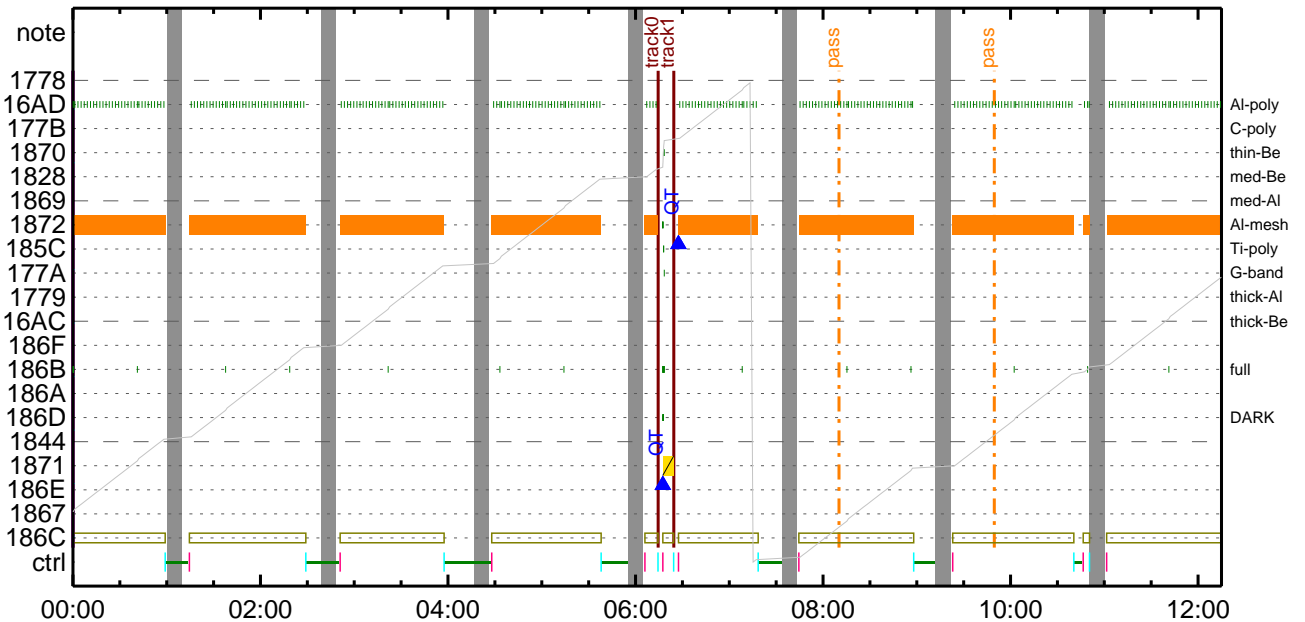
CMDI #0873 2011/04/15



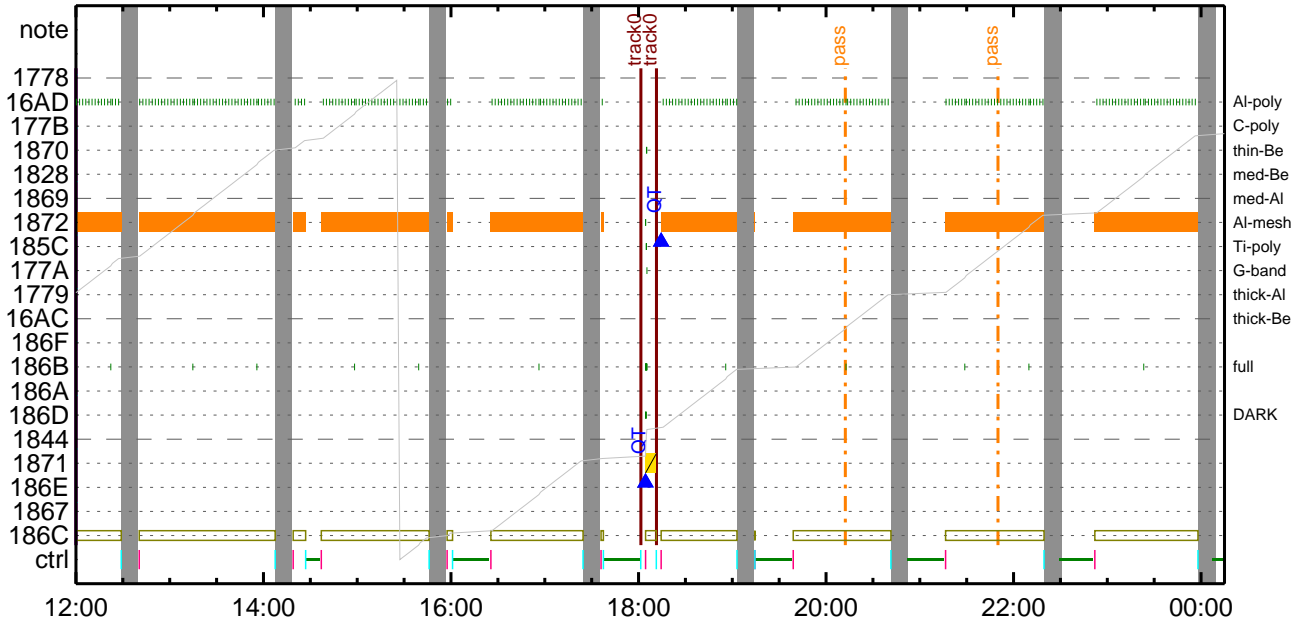
CMDI #0873 2011/04/15



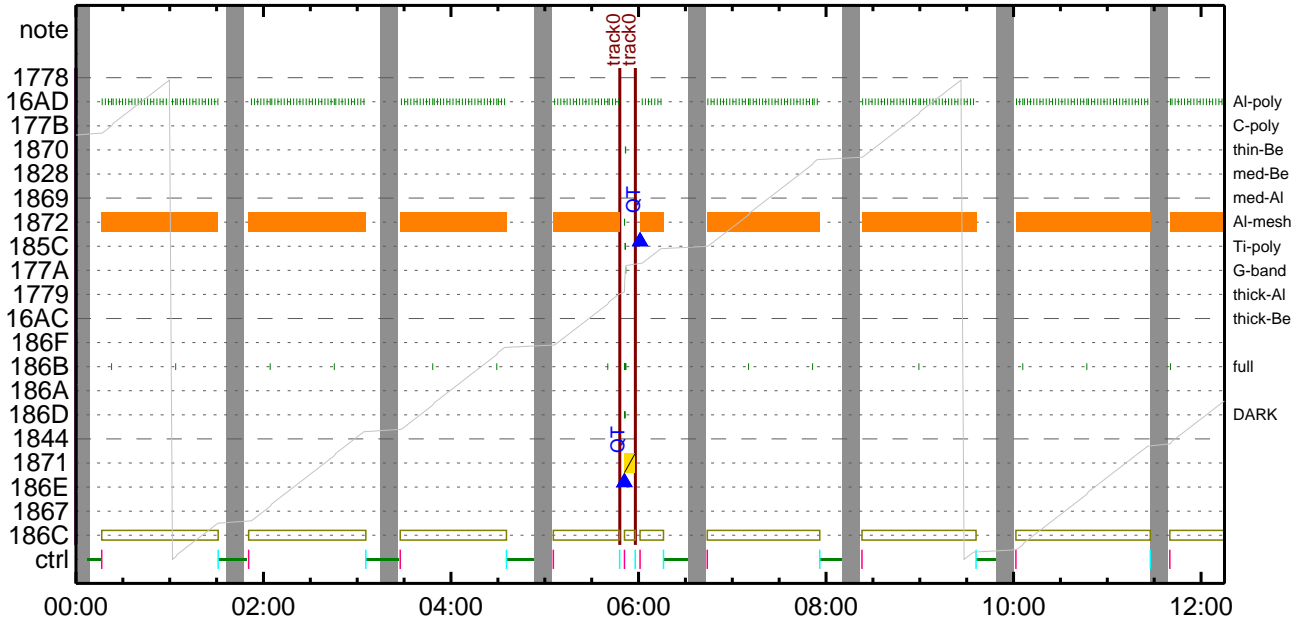
CMDI #0873 2011/04/16



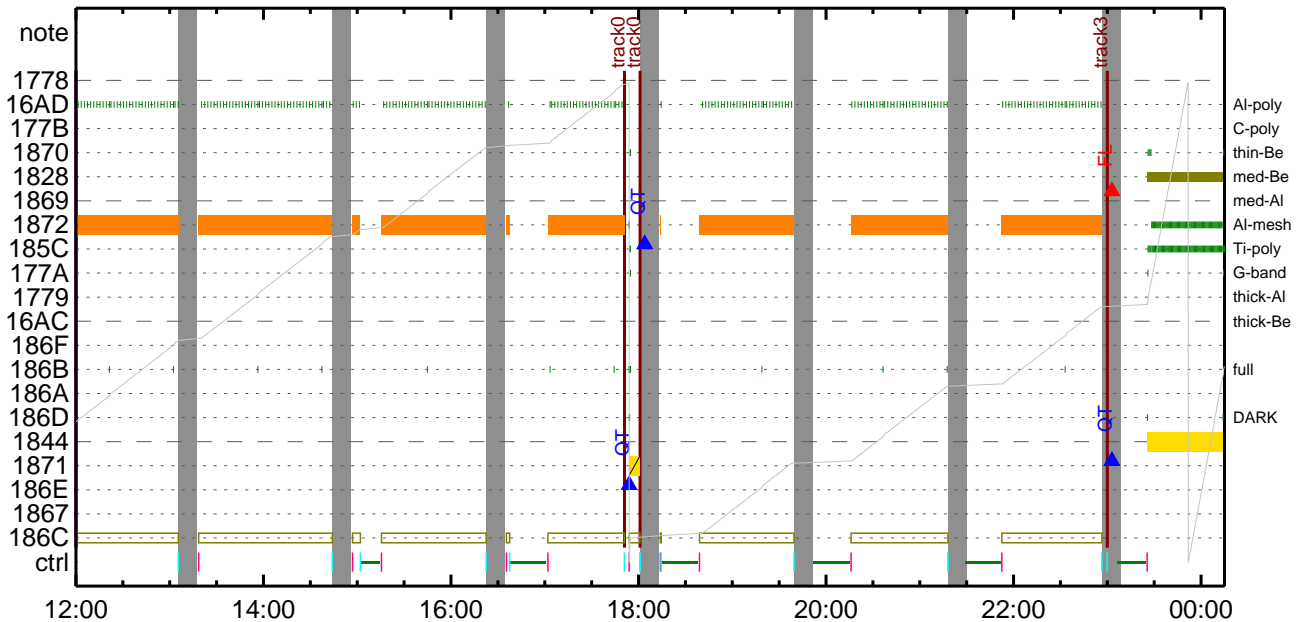
CMDI #0873 2011/04/16



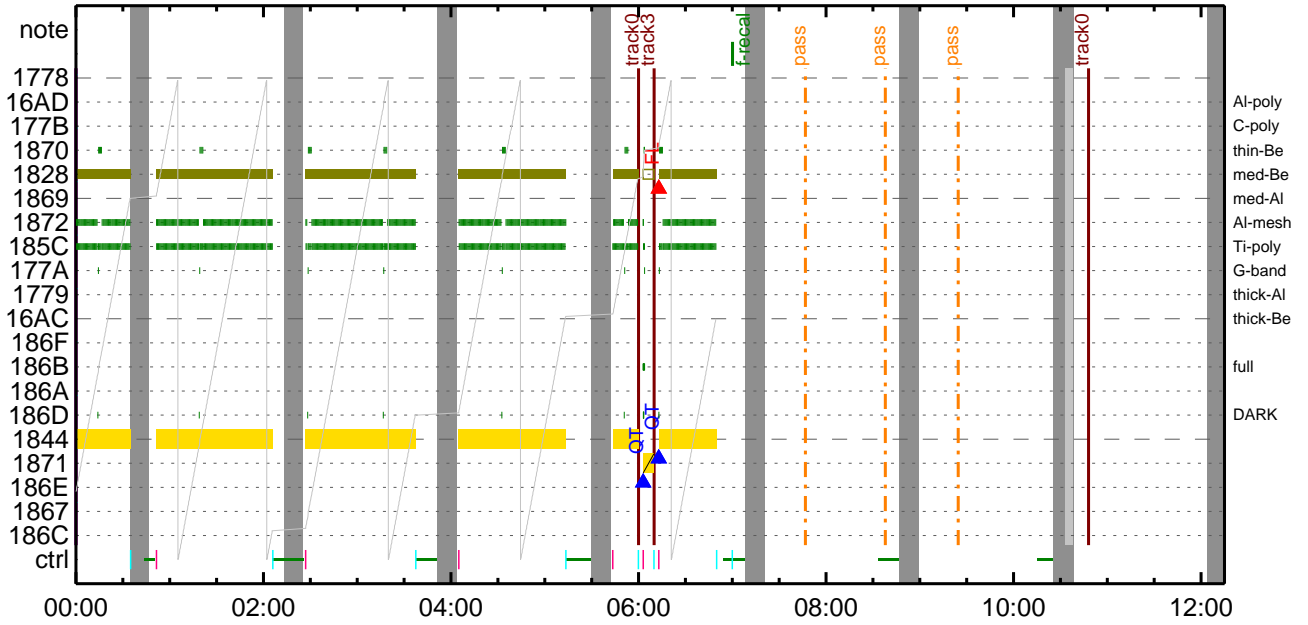
CMDI #0873 2011/04/17



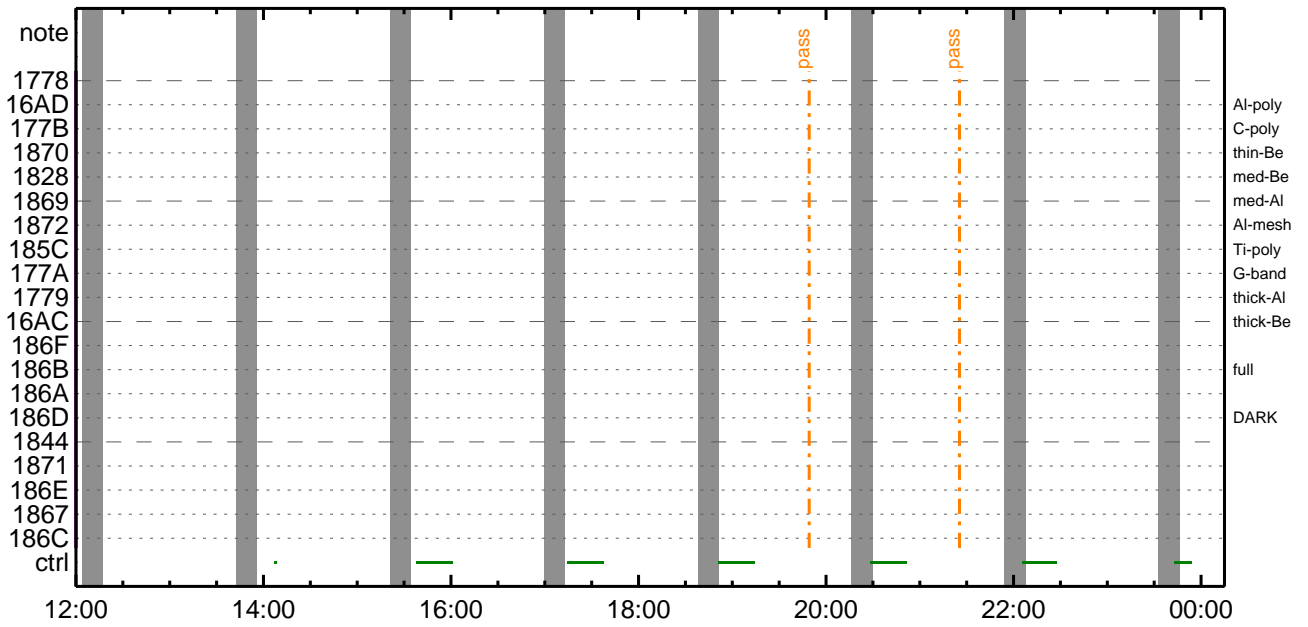
CMDI #0873 2011/04/17



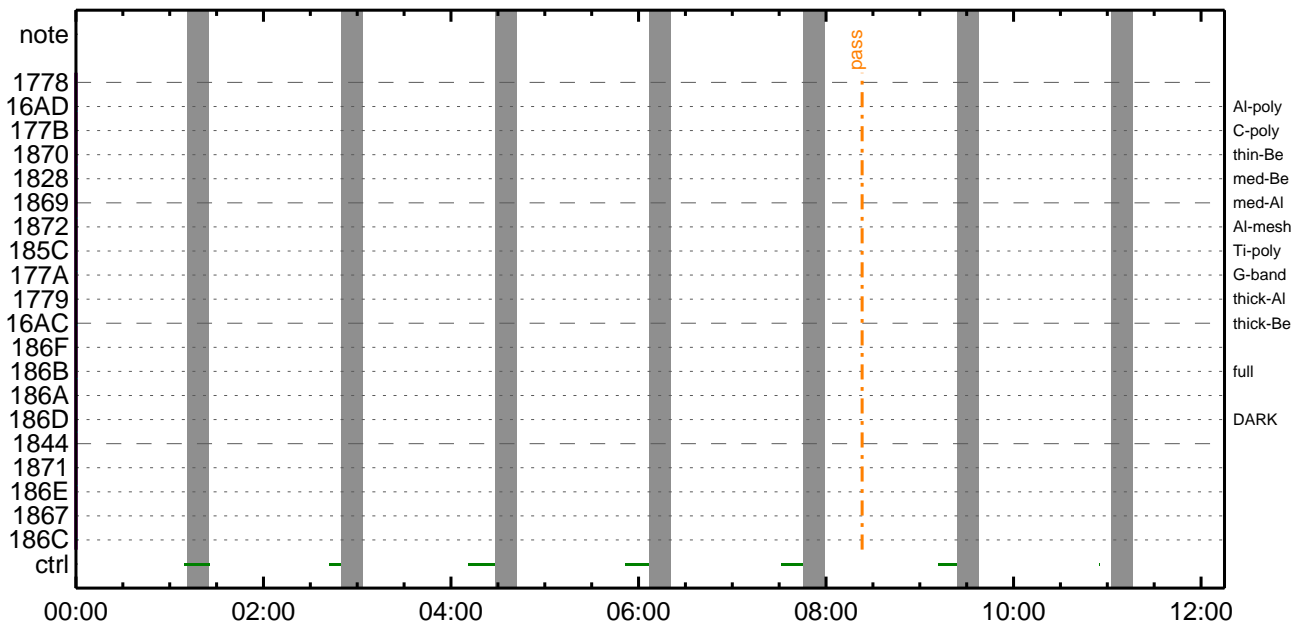
CMDI #0873 2011/04/18



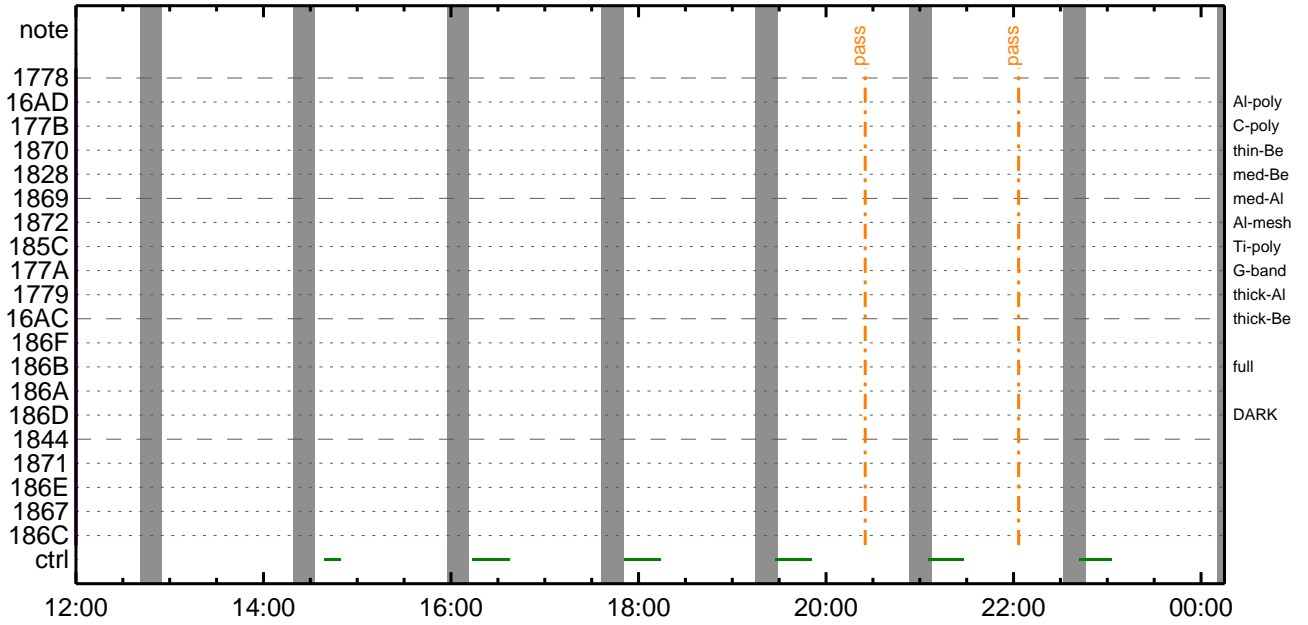
CMDI #0873 2011/04/18



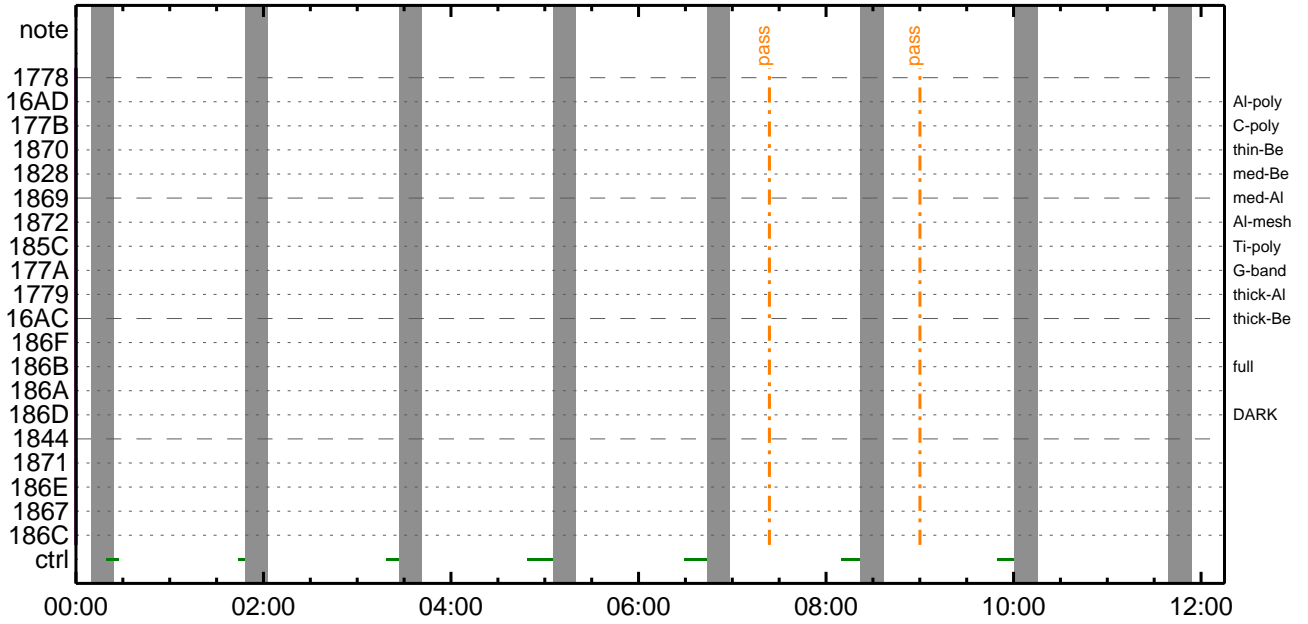
CMDI #0873 2011/04/19



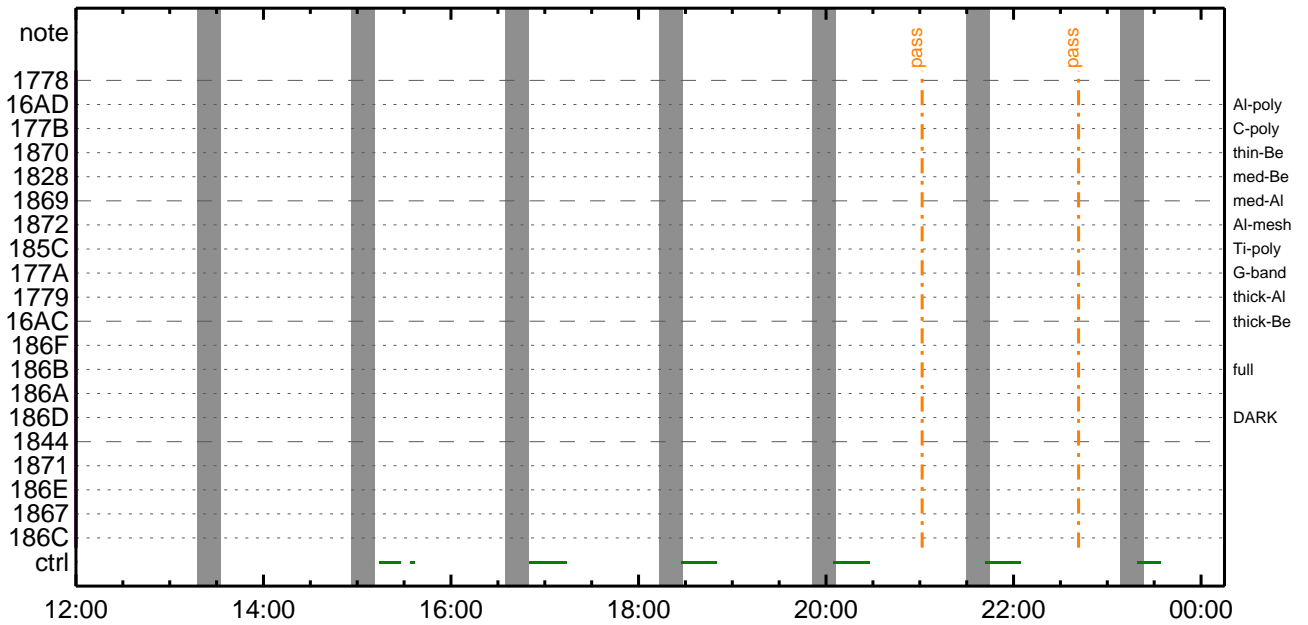
CMDI #0873 2011/04/19



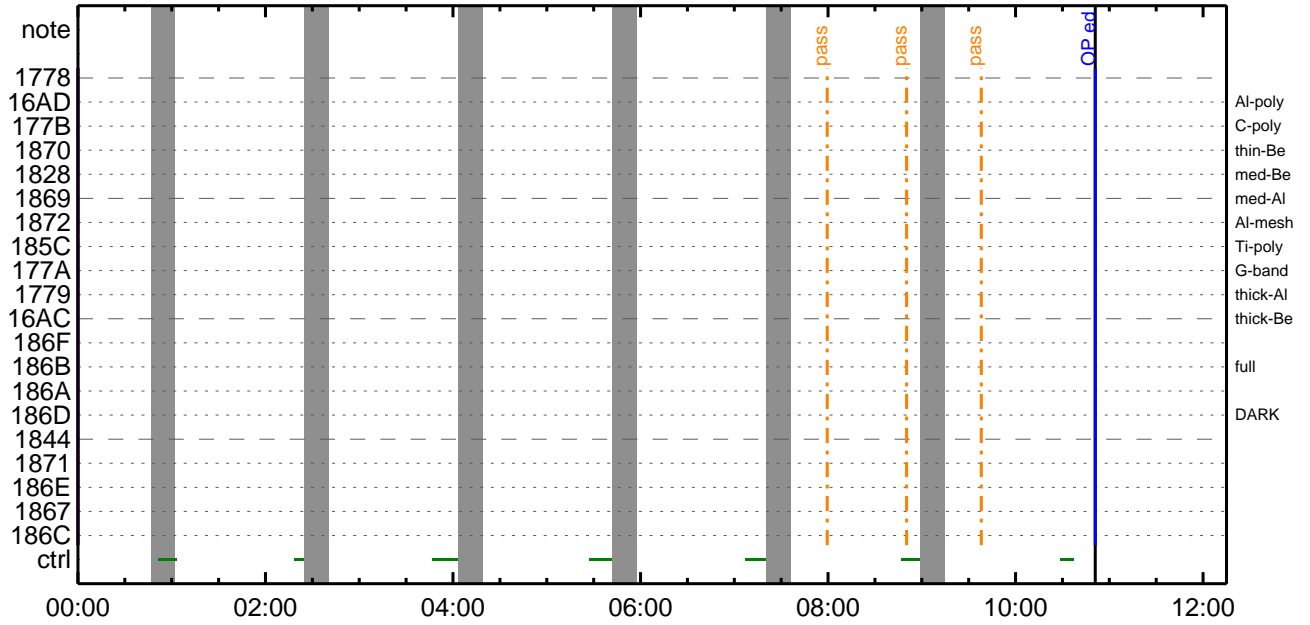
CMDI #0873 2011/04/20



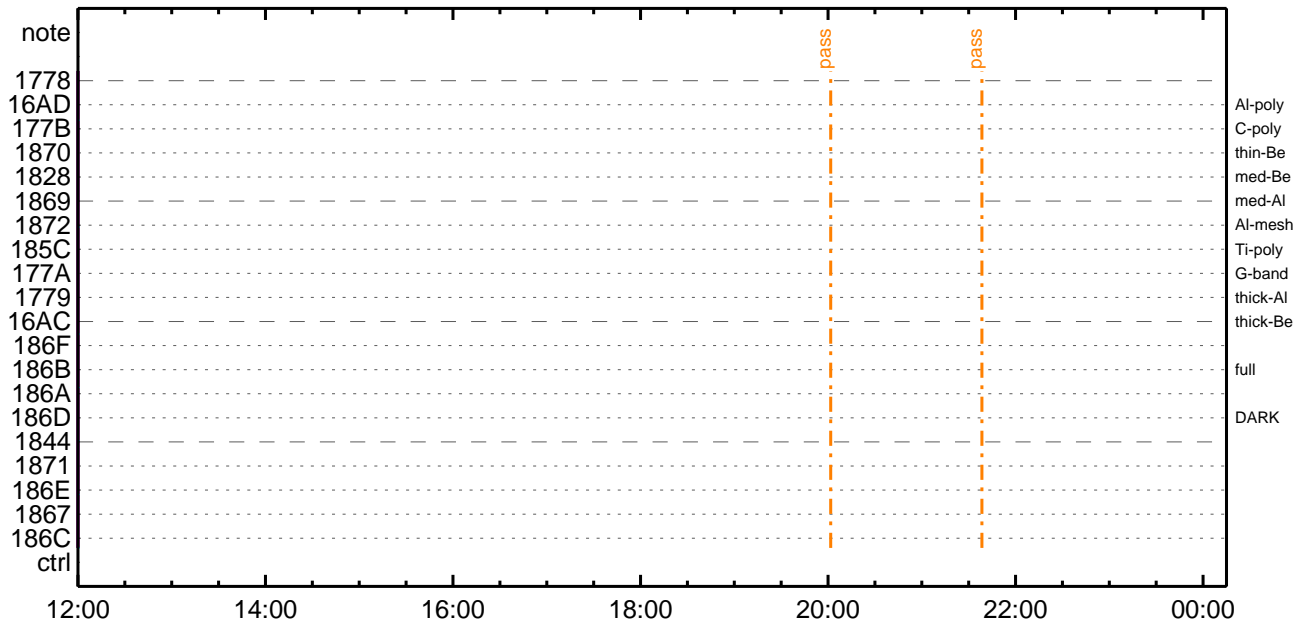
CMDI #0873 2011/04/20



CMDI #0873 2011/04/21



CMDI #0873 2011/04/21



(a) Spacecraft Operation Procedure (real-commands)

```
main-010 2011-04-15 12:03:24 116 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY~¼Á»Û;ä
0005 C.
0006 C. YÀYB;¼Y³YFYOYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;Èø¿òÁò•µ°È»Í×ÁÇøÍYçYÁY×Yí;¼YÉ;ÈÈèµ•ííÉ;ÈøÈ¼°ÇÒø•ø¿¼í¹çøÍ;çÀ®, ùø¹øèøøøçÁ+¿®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 05 85 83 06 06)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 06 80 80 08 08)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 07 80 80 20 20)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 08 80 80 20 08)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 09 80 80 08 20)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0a 85 83 06 06)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0f 80 80 06 06)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 10 80 80 08 08)
0056 . C. ----- Success Verify ? OK / NG ____
0057 C.
0058 C.
0059 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0060 C.
0061 +. DC 07-F0 MDP_XRT_MODE_OBSV
0062 BC (c2)
0063 +. TI 2011-04-15 22:42:02.0
0064 DC 07-F0 MDP_XRT_MODE_OBSV
0065 BC (c2)
0066 . C. ----- Success Verify ? OK / NG ____
0067 C.
0068 C. ***** XRT END *****
0069 . C. *****
0070 C. SOT table upload
0071 C. *****
0072 . C. < Stop FG table >
0073 +. DC 07-F0 MDP_FG_CTRL_MANU
0074 BC (51)
0075 . C. -----
0076 C. MDP_FG_CTRL_MODE = MANU [ ]
0077 C. -----
0078 C.
0079 . C. <Upload FG Observation Table>
0080 . S. RAM ram-267:MDP_OBS_F
0081 ( )
0082 C.
0083 . C. < Dump RAMID=MDP_OBS_F >
0084 +. DC 07-F0 MDP_DUMP_FGTBL
0085 BC (82 07 00 00 00 38 b8)
0086 C. -----
0087 C. MDP_OBS_F verify = OK/NG [ ]
0088 C. -----
0089 C.
0090 C. *****
0091 C. SOT TI command set
0092 C. *****
0093 C. Execute, after the success of TBL upload.
0094 +. TI 2011-04-15 22:42:18.0
0095 DC 07-F0 MDP_SOT_MODE_OBSV
```



```
0096 BC (40)
0097 . C. -----
0098 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0099 C. -----
0100 C.
0101 C.
0102 . C. ***** MDP 'úÃîñî»ò¼ŷñÊÃĐñ¹ñèDCBC•x²è *****
0103 C. (¾á°îŷÓŷÃŷÈŷŦŷËŷáŷçŷèñÊ¾¼ñ¼Ã»Ûñ¹ñè)
0104 . S. DC-BC dcbc-402:DCBC
0105 (MDP_known_event)
0106 C.
0107 C.
0108 . C. ***** ŷĐŷ¹•İ Daily±¿İÑñÊ´Øñ¹ñèDCBC•x²è *****
0109 . S. DC-BC dcbc-153:DCBC
0110 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0111 C.
0112 C.
0113 . C. ;ãLOSŷÁŷŦŷÃŷ¬¼Ã»Û;ã
0114 C.
0115 . C. ***** LOS *****
0116 C.
```



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0096 C.      SET EDUMP I±°iYÑY¹aÇ¹Ôa|a³aE;f
0097 C.
0098 C.      TIY³YFYYÖYÉaòdÁDİ¿(UT)
0099 +. TI 2011-04-15 22:38:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.      çç[HK1_TI_CMD_NUM]          EQ      1COUNTUP
0102 C.
0103 +. TI 2011-04-15 22:38:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.      çç[HK1_TI_CMD_NUM]          EQ      1COUNTUP
0106 C.
0107 +. TI 2011-04-15 22:38:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.      çç[HK1_TI_CMD_NUM]          EQ      1COUNTUP
0110 C.
0111 +. TI 2011-04-15 22:42:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.      çç[HK1_TI_CMD_NUM]          EQ      1COUNTUP
0114 C.
0115 C.      °Ê²¼aİÄê%îÍÑaİYÁY§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.      TIÎÎ°èYÁYÖY×
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.      YÁYÖY×¼ª¹Î»òð³ÎÇ§
0142 C.      çç[HK1_DMP_CHK_FLG]        EQ      NON
0143 C.
0144 C.      RAM ID=TI_TBLaİ%Ê¹Ç•è²İOKaòð³ÎÇ§
0145 C.
0146 C.      DHUYâ;¼YÉ;Ê¼Y¼,¥ì;¼YÈ;Ëòðİáa¹
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 2011-04-15 22:42:30.0
0161 DC 07-FC EIS_MODE_MANU
0162 BC      (21 02)
0163 +. TI 2011-04-15 22:42:40.0
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.      SOT TI command set
0172 C.      *****
0173 C.      Execute, after the success of OP upload.
0174 +. TI 2011-04-15 22:42:16.0
0175 DC 07-F0 MDP_SOT_MODE_STBY
0176 BC      (41)
0177 C.      -----
0178 C.      HK1_TI_CMD_NUM          = 1 CNTUP [ ]
0179 C.      -----
0180 C.      ***** SOT END *****
0181 C.
0182 C.      ***** XRT START *****
0183 C.      Execute, after the success of OP upload.
0184 +. TI 2011-04-15 22:42:00.0
0185 DC 07-F0 MDP_XRT_MODE_STBY
0186 BC      (c3)
0187 C.      [ ] [HK1_TI_CMD_NUM]      EQ      1COUNTUP
0188 C.
0189 C.      ***** XRT END *****
0190 C.
0191 C.      ***** MDP `úÃÎaİ»ö¼YòËÄa¹aèDCBC•×²è *****
0192 C.      (¼â°İYÖYÁYÉYB¥EYÁYÇYèaÈ¼a¼¼A»Ûa¹aé)
0193 C.      DC-BC dcbc-402:DCBC

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```
0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥ÐŸ!•İ Daily±;İÑøĒ'Øσ¹αēDCBC•x²è *****
0198 . S. DC-BC dcbc-153:DCBC
0199 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0200 C.
0201 C.
0202 . C. ;ãLOS¥Á¥S¥Ã¥~¼Â»Ü;ä
0203 C.
0204 . C. ***** LOS *****
0205 C.
```



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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 STATUS] 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 12s
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 2011-04-15 22:42:50.0
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 'ûÃîîî»ö¼ÝðĒĀĐð¹ñēDCBC•x²è *****
0153 C. (%ã°îÿÓÿĀÿĒÿPÿĒÿĀÿçÿĒÿĒÿ¼ÿq¼Ā»Û¹ñē)
0154 . S. DC-BC dcbc-402:DCBC
0155 (MDP_known_event)
0156 C.
0157 C.
0158 . C. ***** ÿDÿ¹•Ī Daily±¿ĪÑñĒ'Øñ¹ñēDCBC•x²è *****
0159 . S. DC-BC dcbc-153:DCBC
0160 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0161 C.
0162 C.
0163 . C. ;ãLOSÿĀÿSÿĀÿ-¼Ā»Û;ã
0164 C.
0165 . C. ***** LOS *****
0166 C.

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*** OP Sequence for XRT ***

2011/04/15	22:52:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/15	22:52:56.0	XRT_FOCUS_POSITION_409_OG [0x199]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2011/04/15	22:53:00.0	AOCS_OrE-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	01 00 00 00 00
2011/04/15	22:53:16.0	XRT_FLD_DIS_402_OG [0x192]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2011/04/15	22:53:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2011/04/15	22:53:20.0	XRT_ARS_DIS_438_OG [0x1b6]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2011/04/15	22:55:58.0	XRT_AEC_RESET_443_OG [0x1bb]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2011/04/15	22:56:00.0	XRT_QT_PROG_SET_416_OG [0x1a0]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e
2011/04/15	22:56:02.5	XRT_CTRL_AUTO_406_OG [0x196]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/04/15	23:21:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/15	23:21:32.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2011/04/15	23:21:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/04/15	23:24:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/04/15	23:43:00.0	XRT_Custom_418_OG [0x1a2]			
2011/04/15	23:44:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/04/16	00:59:00.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/16	00:59:02.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2011/04/16	00:59:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/04/16	01:02:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/04/16	01:13:30.0	XRT_Custom_418_OG [0x1a2]			
2011/04/16	01:14:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/04/16	02:29:00.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/16	02:29:02.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2011/04/16	02:29:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/04/16	02:32:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/04/16	02:50:00.0	XRT_Custom_418_OG [0x1a2]			
2011/04/16	02:51:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/04/16	03:57:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/16	03:57:32.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2011/04/16	03:57:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/04/16	04:00:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/04/16	04:27:00.0	XRT_Custom_418_OG [0x1a2]			
2011/04/16	04:28:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/04/16	05:38:00.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/16	05:38:02.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2011/04/16	05:38:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/04/16	05:41:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/04/16	06:05:00.0	XRT_Custom_418_OG [0x1a2]			
2011/04/16	06:06:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/04/16	06:14:24.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/16	06:14:26.0	XRT_FOCUS_POSITION_401_OG [0x191]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2011/04/16	06:14:30.0	AOCS_OrE-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2011/04/16	06:14:46.0	XRT_FLD_DIS_402_OG [0x192]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2011/04/16	06:14:48.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2011/04/16	06:14:50.5	XRT_ARS_DIS_438_OG [0x1b6]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2011/04/16	06:17:28.5	XRT_QT_PROG_SET_404_OG [0x194]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2011/04/16	06:17:30.5	XRT_CTRL_AUTO_406_OG [0x196]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/04/16	06:24:24.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1

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2011/04/16	06:24:26.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2011/04/16	06:24:30.0	AACS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01	00	00	00
2011/04/16	06:24:46.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0		d9		
2011/04/16	06:24:48.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0		c9		
2011/04/16	06:24:50.0	XRT_ARS_DIS_438_OG [0x1b6]	MDP_XRT_ARS_DIS	1	07-F0		d5		
2011/04/16	06:27:28.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0		c4	0e	
2011/04/16	06:27:30.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2011/04/16	07:18:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0		c1		
2011/04/16	07:18:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0		da		
2011/04/16	07:18:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0		e8		
2011/04/16	07:21:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0		e9		
2011/04/16	07:43:30.0	XRT_Custom_418_OG [0x1a2]							
2011/04/16	07:44:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2011/04/16	08:58:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0		c1		
2011/04/16	08:58:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0		da		
2011/04/16	08:58:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0		e8		
2011/04/16	09:01:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0		e9		
2011/04/16	09:22:00.0	XRT_Custom_418_OG [0x1a2]							
2011/04/16	09:23:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2011/04/16	10:40:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0		c1		
2011/04/16	10:40:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0		da		
2011/04/16	10:40:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0		e8		
2011/04/16	10:43:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0		e9		
2011/04/16	10:45:30.0	XRT_Custom_418_OG [0x1a2]							
2011/04/16	10:46:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2011/04/16	10:50:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0		c1		
2011/04/16	10:50:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0		da		
2011/04/16	10:50:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0		e8		
2011/04/16	10:53:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0		e9		
2011/04/16	11:00:30.0	XRT_Custom_418_OG [0x1a2]							
2011/04/16	11:01:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2011/04/16	12:29:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0		c1		
2011/04/16	12:29:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0		da		
2011/04/16	12:29:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0		e8		
2011/04/16	12:32:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0		e9		
2011/04/16	12:39:30.0	XRT_Custom_418_OG [0x1a2]							
2011/04/16	12:40:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2011/04/16	14:07:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0		c1		
2011/04/16	14:07:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0		da		
2011/04/16	14:07:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0		e8		
2011/04/16	14:10:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0		e9		
2011/04/16	14:18:00.0	XRT_Custom_418_OG [0x1a2]							
2011/04/16	14:19:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2011/04/16	14:27:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0		c1		
2011/04/16	14:27:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0		da		
2011/04/16	14:27:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0		e8		
2011/04/16	14:30:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0		e9		
2011/04/16	14:36:00.0	XRT_Custom_418_OG [0x1a2]							
2011/04/16	14:37:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2011/04/16	15:46:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0		c1		

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2011/04/16	15:46:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/04/16	15:46:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/04/16	15:49:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/04/16	15:56:30.0	XRT_Custom_418_OG [0x1a2]							
2011/04/16	15:57:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/04/16	16:01:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/04/16	16:01:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/04/16	16:01:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/04/16	16:04:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/04/16	16:24:30.0	XRT_Custom_418_OG [0x1a2]							
2011/04/16	16:25:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/04/16	17:24:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/04/16	17:24:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/04/16	17:24:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/04/16	17:27:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/04/16	17:35:00.0	XRT_Custom_418_OG [0x1a2]							
2011/04/16	17:36:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/04/16	17:37:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/04/16	17:37:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/04/16	17:37:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/04/16	17:40:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/04/16	18:01:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/04/16	18:01:26.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2011/04/16	18:01:30.0	AOCS_Orе-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2011/04/16	18:01:46.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2011/04/16	18:01:48.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2011/04/16	18:01:50.0	XRT_ARS_DIS_438_OG [0x1b6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/04/16	18:04:28.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04				
2011/04/16	18:04:30.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/04/16	18:11:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/04/16	18:11:26.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2011/04/16	18:11:30.0	AOCS_Orе-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 25 b2 b4 5b				
2011/04/16	18:11:46.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2011/04/16	18:11:48.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2011/04/16	18:11:50.0	XRT_ARS_DIS_438_OG [0x1b6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/04/16	18:14:28.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2011/04/16	18:14:30.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/04/16	19:03:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/04/16	19:03:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/04/16	19:03:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/04/16	19:06:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/04/16	19:13:30.0	XRT_Custom_418_OG [0x1a2]							
2011/04/16	19:14:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/04/16	19:14:30.5	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/04/16	19:14:32.5	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/04/16	19:14:34.5	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/04/16	19:17:44.5	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/04/16	19:38:00.0	XRT_Custom_418_OG [0x1a2]							
2011/04/16	19:39:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				

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2011/04/16	20:41:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/16	20:41:32.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2011/04/16	20:41:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/04/16	20:44:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/04/16	21:15:30.0	XRT_Custom_418_OG [0x1a2]			
2011/04/16	21:16:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/04/16	22:19:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/16	22:19:32.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2011/04/16	22:19:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/04/16	22:22:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/04/16	22:51:00.0	XRT_Custom_418_OG [0x1a2]			
2011/04/16	22:52:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/04/16	23:58:00.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/16	23:58:02.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2011/04/16	23:58:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/04/17	00:01:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/04/17	00:15:30.0	XRT_Custom_418_OG [0x1a2]			
2011/04/17	00:16:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/04/17	01:31:00.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/17	01:31:02.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2011/04/17	01:31:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/04/17	01:34:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/04/17	01:49:30.0	XRT_Custom_418_OG [0x1a2]			
2011/04/17	01:50:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/04/17	03:05:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/17	03:05:32.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2011/04/17	03:05:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/04/17	03:08:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/04/17	03:26:30.0	XRT_Custom_418_OG [0x1a2]			
2011/04/17	03:27:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/04/17	04:35:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/17	04:35:32.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2011/04/17	04:35:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/04/17	04:38:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/04/17	05:04:30.0	XRT_Custom_418_OG [0x1a2]			
2011/04/17	05:05:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/04/17	05:47:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/17	05:47:56.0	XRT_FOCUS_POSITION_401_OG [0x191]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2011/04/17	05:48:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2011/04/17	05:48:16.0	XRT_FLD_DIS_402_OG [0x192]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2011/04/17	05:48:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2011/04/17	05:48:20.0	XRT_ARS_DIS_438_OG [0x1b6]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2011/04/17	05:50:58.0	XRT_QT_PROG_SET_404_OG [0x194]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2011/04/17	05:51:00.0	XRT_CTRL_AUTO_406_OG [0x196]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/04/17	05:57:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/17	05:57:56.0	XRT_FOCUS_POSITION_409_OG [0x199]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2011/04/17	05:58:00.0	AOCS_ORe-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	00 25 b2 b4 5b
2011/04/17	05:58:16.0	XRT_FLD_DIS_402_OG [0x192]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2011/04/17	05:58:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2011/04/17	05:58:20.0	XRT_ARS_DIS_438_OG [0x1b6]			

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2011/04/17	06:00:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_ARS_DIS	1	07-F0	d5
2011/04/17	06:01:00.5	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e
2011/04/17	06:16:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/04/17	06:16:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/17	06:16:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da
2011/04/17	06:19:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/04/17	06:43:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/04/17	06:44:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CUSTOM_418_OG	1	07-F0	c0
2011/04/17	07:56:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/04/17	07:56:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/17	07:56:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da
2011/04/17	07:59:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/04/17	08:22:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/04/17	08:23:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CUSTOM_418_OG	1	07-F0	c0
2011/04/17	09:36:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/04/17	09:36:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/17	09:36:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da
2011/04/17	09:39:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/04/17	10:00:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/04/17	10:01:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CUSTOM_418_OG	1	07-F0	c0
2011/04/17	11:27:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/04/17	11:27:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/17	11:27:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da
2011/04/17	11:30:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/04/17	11:39:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/04/17	11:40:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CUSTOM_418_OG	1	07-F0	c0
2011/04/17	13:05:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/04/17	13:05:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/17	13:05:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da
2011/04/17	13:08:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/04/17	13:17:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/04/17	13:18:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CUSTOM_418_OG	1	07-F0	c0
2011/04/17	14:44:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/04/17	14:44:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/17	14:44:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da
2011/04/17	14:47:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/04/17	14:56:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/04/17	14:57:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CUSTOM_418_OG	1	07-F0	c0
2011/04/17	15:02:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/04/17	15:02:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/17	15:02:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da
2011/04/17	15:05:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/04/17	15:14:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/04/17	15:15:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CUSTOM_418_OG	1	07-F0	c0
2011/04/17	16:22:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/04/17	16:22:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/17	16:22:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da
2011/04/17	16:25:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/04/17	16:34:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/04/17	16:35:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CUSTOM_418_OG	1	07-F0	c0

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2011/04/17	16:37:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/04/17	16:37:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/04/17	16:37:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/04/17	16:40:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/04/17	17:01:00.0	XRT_Custom_418_OG [0x1a2]							
2011/04/17	17:02:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/04/17	17:50:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/04/17	17:50:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2011/04/17	17:51:00.0	AOCS_OrE-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2011/04/17	17:51:16.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2011/04/17	17:51:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2011/04/17	17:51:20.0	XRT_ARS_DIS_438_OG [0x1b6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/04/17	17:53:58.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04				
2011/04/17	17:54:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/04/17	18:00:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/04/17	18:00:56.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2011/04/17	18:01:00.0	AOCS_OrE-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 25 b2 b4 5b				
2011/04/17	18:01:00.5	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/04/17	18:01:02.5	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/04/17	18:01:04.5	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/04/17	18:01:16.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2011/04/17	18:01:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2011/04/17	18:01:20.0	XRT_ARS_DIS_438_OG [0x1b6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/04/17	18:03:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2011/04/17	18:04:14.5	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/04/17	18:13:00.0	XRT_Custom_418_OG [0x1a2]							
2011/04/17	18:14:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/04/17	18:14:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/04/17	18:14:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/04/17	18:14:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/04/17	18:17:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/04/17	18:38:00.0	XRT_Custom_418_OG [0x1a2]							
2011/04/17	18:39:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/04/17	19:39:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/04/17	19:39:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/04/17	19:39:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/04/17	19:42:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/04/17	20:15:00.0	XRT_Custom_418_OG [0x1a2]							
2011/04/17	20:16:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/04/17	21:18:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/04/17	21:18:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/04/17	21:18:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/04/17	21:21:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/04/17	21:51:30.0	XRT_Custom_418_OG [0x1a2]							
2011/04/17	21:52:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/04/17	22:56:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/04/17	22:56:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/04/17	22:56:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/04/17	22:59:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				

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2011/04/17	22:59:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/17	22:59:56.0	XRT_FOCUS_POSITION_409_OG [0x199]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2011/04/17	23:00:00.0	AOCS_ORe-point_Start_4_OG [0x09a]			
		AOCU_NM	5	02-76	03 00 00 00 00
2011/04/17	23:00:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2011/04/17	23:00:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2011/04/17	23:00:20.0	XRT_AEC_RESET_443_OG [0x1bb]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2011/04/17	23:00:22.0	XRT_ARS_DIS_437_OG [0x1b5]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2011/04/17	23:02:54.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2011/04/17	23:02:56.0	XRT_QT_PROG_SET_417_OG [0x1a1]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2011/04/17	23:02:58.0	XRT_FL_PROG_SET_426_OG [0x1aa]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 10
2011/04/17	23:24:30.0	XRT_Custom_418_OG [0x1a2]			
2011/04/17	23:25:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/04/18	00:35:00.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/18	00:35:02.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2011/04/18	00:35:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/04/18	00:38:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/04/18	00:50:30.0	XRT_Custom_418_OG [0x1a2]			
2011/04/18	00:51:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/04/18	02:06:00.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/18	02:06:02.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2011/04/18	02:06:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/04/18	02:09:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/04/18	02:26:00.0	XRT_Custom_418_OG [0x1a2]			
2011/04/18	02:27:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/04/18	03:37:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/18	03:37:32.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2011/04/18	03:37:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/04/18	03:40:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/04/18	04:04:00.0	XRT_Custom_418_OG [0x1a2]			
2011/04/18	04:05:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/04/18	05:13:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/18	05:13:32.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2011/04/18	05:13:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/04/18	05:16:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/04/18	05:42:30.0	XRT_Custom_418_OG [0x1a2]			
2011/04/18	05:43:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/04/18	05:59:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/18	05:59:56.0	XRT_FOCUS_POSITION_401_OG [0x191]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2011/04/18	06:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2011/04/18	06:00:16.0	XRT_FLD_DIS_402_OG [0x192]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2011/04/18	06:00:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2011/04/18	06:00:20.0	XRT_ARS_DIS_438_OG [0x1b6]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2011/04/18	06:02:58.0	XRT_QT_PROG_SET_404_OG [0x194]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2011/04/18	06:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/04/18	06:09:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/04/18	06:09:56.0	XRT_FOCUS_POSITION_409_OG [0x199]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2011/04/18	06:10:00.0	AOCS_ORe-point_Start_4_OG [0x09a]			
		AOCU_NM	5	02-76	03 00 00 00 00
2011/04/18	06:10:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2011/04/18	06:10:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8

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2011/04/18	06:10:20.0	XRT_AEC_RESET_443_OG [0x1bb]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2011/04/18	06:10:22.0	XRT_ARS_DIS_437_OG [0x1b5]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/04/18	06:12:54.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/04/18	06:12:56.0	XRT_QT_PROG_SET_417_OG [0x1a1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2011/04/18	06:12:58.0	XRT_FL_PROG_SET_426_OG [0x1aa]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 10				
2011/04/18	06:13:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/04/18	06:50:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/04/18	07:00:00.0	XRT_CTRL_MANU_403_OG [0x193]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/04/18	07:00:10.0	XRT_FOCUS_RECALIBRATE_432_OG [0x1b0]							
		XRT_FOCUS_RECAL	2	07-F8	78 00				
2011/04/18	07:04:10.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2011/04/18	10:48:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				