

XRT Timeline to be uploaded on 2012/06/21

Period: 2012/06/21 10:58:00 - 2012/07/26 12:00:00

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Normal mode

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XOB #183D: AR Standard-A(Filter-Ratio) with PFB, FW1=Open, 384x384 at 1064 1048, 36s cad											
Term	Pointing (x, y)						Comment				
06/21 11:11:00 - 06/21 13:55:30	Track (176.6, 218.5) [Ⓜ] 06/21 11:08:00						# remaining AR11486 tracking				
06/21 14:33:30 - 06/21 17:59:54	Fixed (887.0, -317.0)						AR11504 with fixed pointing				
06/21 18:13:00 - 06/22 05:44:54	Fixed (887.0, -317.0)						AR11504 with fixed pointing				
06/22 17:48:00 - 06/23 01:59:54	Track (486.9, -320.0) [Ⓜ] 06/22 17:45:00						track AR11510				
PROG= 20 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= 1 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= 49 18-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 7.0sec											
└─┬─┬─ 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 7.0sec											
└─┬─┬─ 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 7.0sec											
└─┬─┬─ 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 7.0sec											
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval											

XOB #18EA: Synoptic Q95 2x2 - Al/mesh(12/723) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Ti-poly(24/1443) + G-band(16)											
Term	Pointing (x, y)						Comment				
06/21 18:03:00 - 06/21 18:09:54	Fixed (0.0, 0.0)						synoptic				
06/22 05:48:00 - 06/22 06:13:00	Fixed (0.0, 0.0)						synoptic, shifted -15.0 min - 2 hours for SOT flat field				
06/22 17:38:00 - 06/22 17:44:54	Fixed (0.0, 0.0)						synoptic, shifted -25.0 min				
06/23 06:03:00 - 06/23 06:51:00	Fixed (0.0, 0.0)						synoptic - 2 hours for SOT flat field				
PROG= 07 1-time(s)											
└─ Subr= 1 1-time(s) 12.0sec											
└─┬─ Seqn= 46 1-time(s) 4.0sec											
└─┬─┬─ Open/Al-mesh Open/Al-mesh close Safe Norm 12ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec											
└─┬─┬─ Open/Al-mesh Open/Al-mesh close Safe Norm 707ms 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= 69 1-time(s) 4.0sec											
└─┬─┬─ Open/Ti-poly Open/Ti-poly close Safe Norm 24ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec											
└─┬─┬─ Open/Ti-poly Open/Ti-poly close Safe Norm 1.41s 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 #174E: HOP81 2-filter - Ti/poly 8s, Al/mesh 4s, G-band - 384x384											
Term	Pointing (x, y)						Comment				
06/22 11:03:00 - 06/22 17:34:54	Fixed (-5.0, 857.0)						HOP81 - North Pole				
PROG= 10 Inf.-time(s)											
└─ Subr= 1 1-time(s) 2.0sec											
└─┬─ Seqn= 51 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= 58 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 #16AC: G-Band Alignment with North Pole Q90 2x2(G-band only) - 5min cadence - Partial Sun-wNGT											
Term	Pointing (x, y)						Comment				
06/23 02:15:00 - 06/23 03:59:54	Fixed (0.0, 945.0)						Co-alignment - North				
PROG= 08 1-time(s)											
└─ Subr= 1 1-time(s) 360.0sec											
└─┬─ Seqn= 21 24-time(s) 300.0sec											
└─┬─┬─ Open/G-band Open/G-band open Safe Norm 16ms Obs 2x2 2048x1536 (1024, 768) Q=90 0 0 2.0sec											
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval											

XOB #16AD: G-Band Alignment with East limb Q90 2x2 (G-band only) - 8 min cadence-wNGT

Table with columns: Term, Pointing (x, y), Comment. Includes sub-parameters: PROG= 18, Subr= 1, Seqn= 22, and various observation settings like Open/G-band, 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)

Table with columns: Term, Pointing (x, y), Comment. Includes observation times and coordinates for AR11486, AR11504, and HOP81.

Large table detailing observation sequences for XOB #1828. Includes sub-parameters: PROG= 13, Subr= 1-4, Seqn= 88, 100, 90, 60, 89. Lists various filter and mode settings for different observation types.

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Active Region Search

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NOT USED

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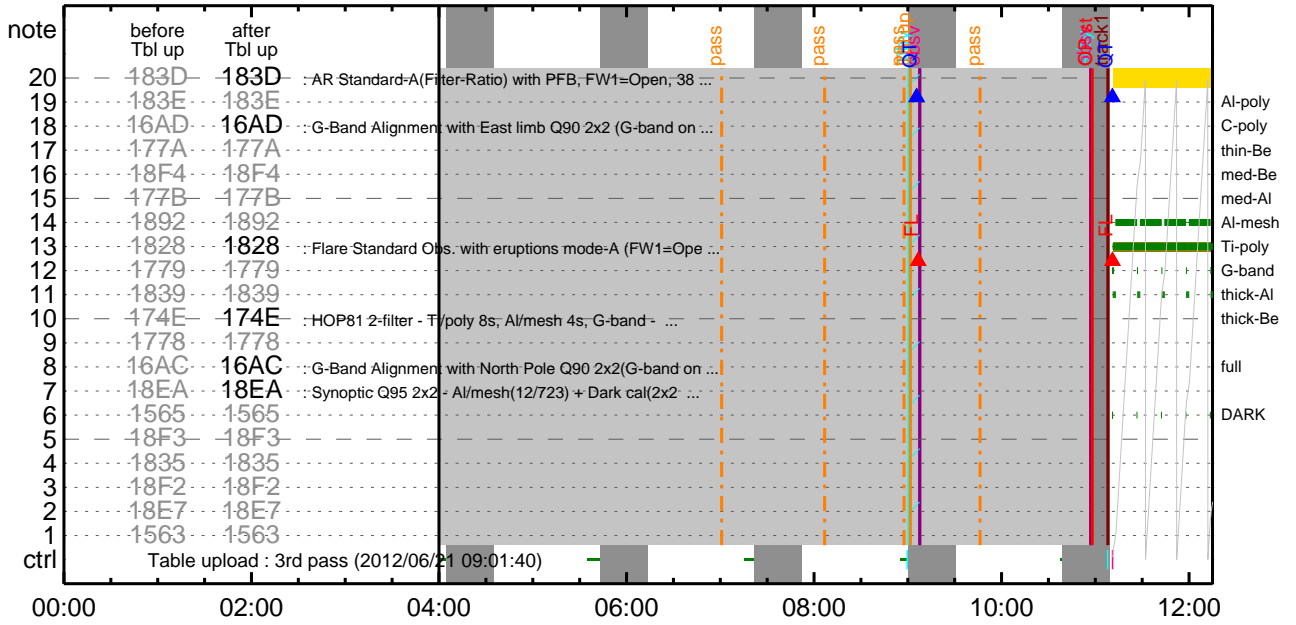
Flare Detection

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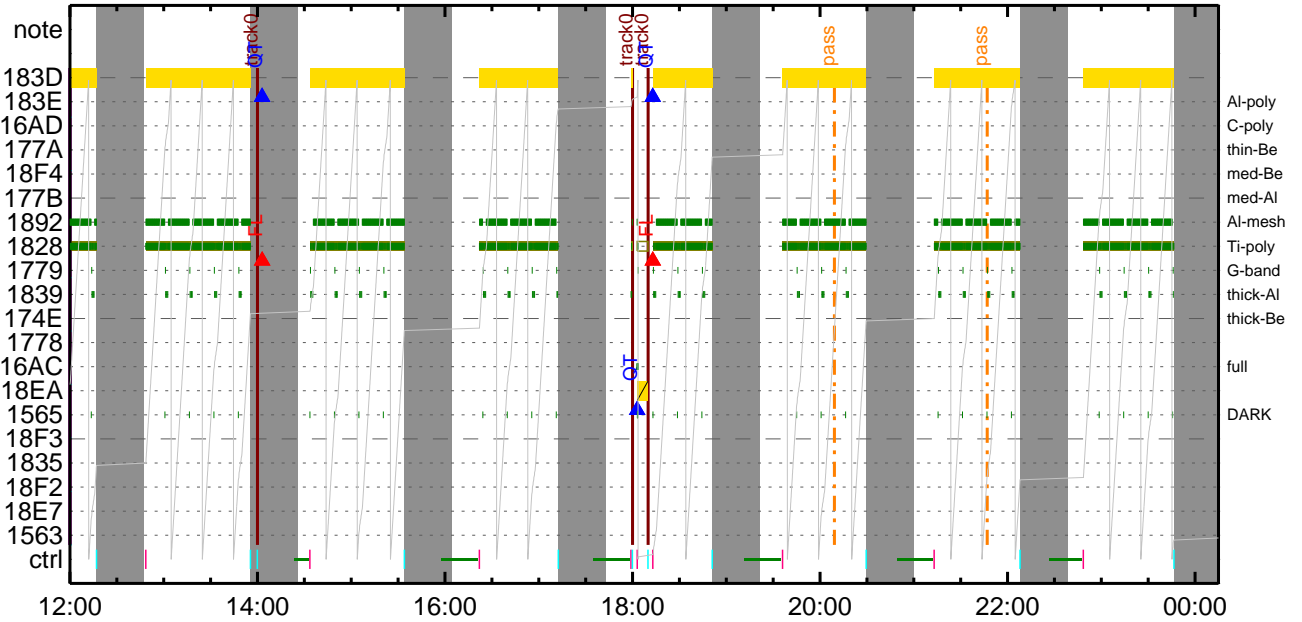
FLD Patrol

Term	Pointing (x, y)	Comment
06/21 18:12:46 - 06/22 05:45:16	Fixed (887.0, -317.0)	AR11504 with fixed pointing
06/22 11:02:46 - 06/22 17:35:16	Fixed (-5.0, 857.0)	HOP81 - North Pole
06/22 17:47:46 - 06/23 02:14:48	Track (486.9, -320.0) @ 06/22 17:45:00	track AR11510
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

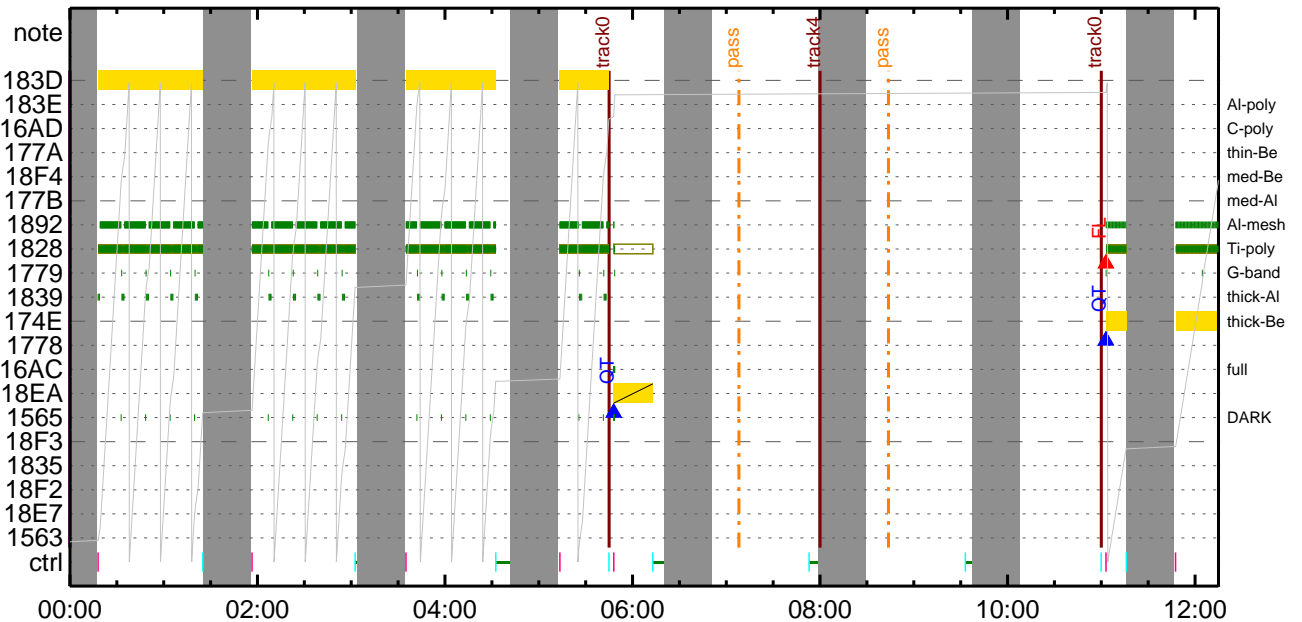
CMDI #0719 2012/06/21



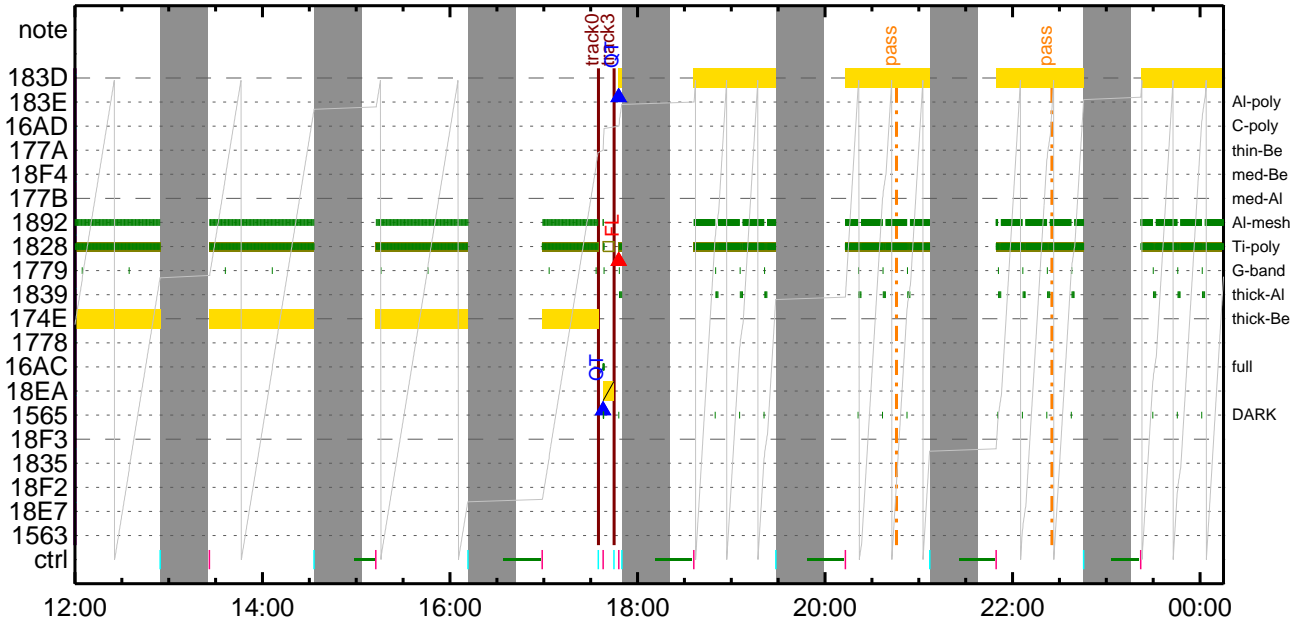
CMDI #0719 2012/06/21



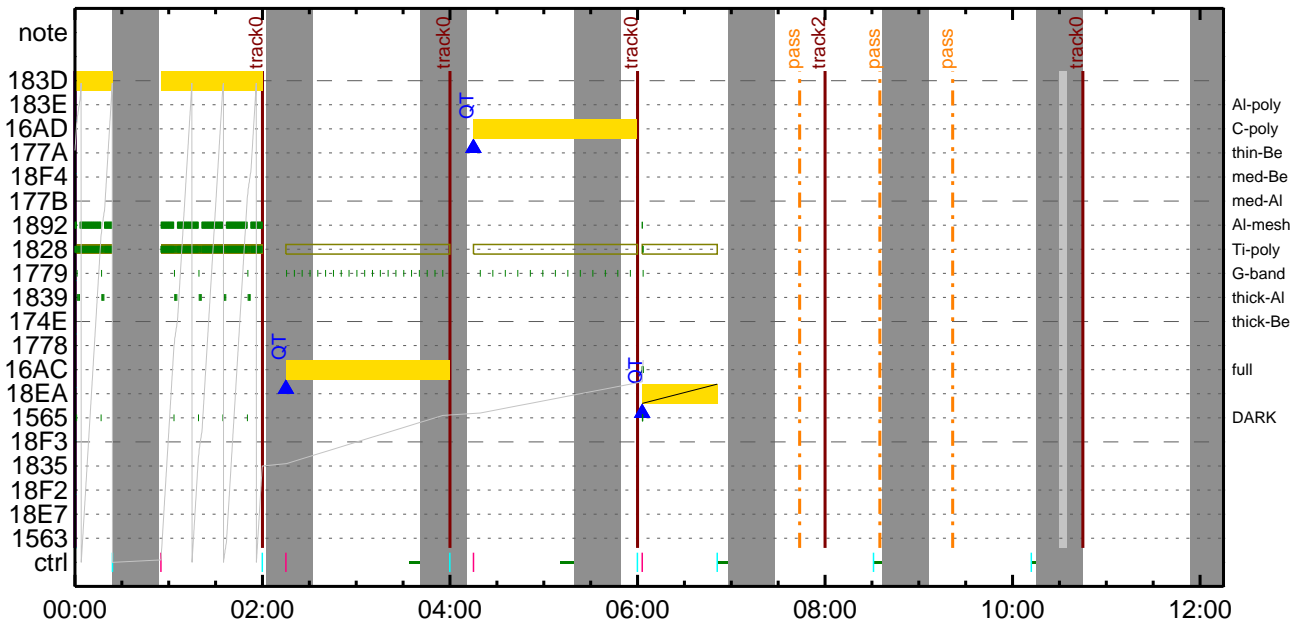
CMDI #0719 2012/06/22



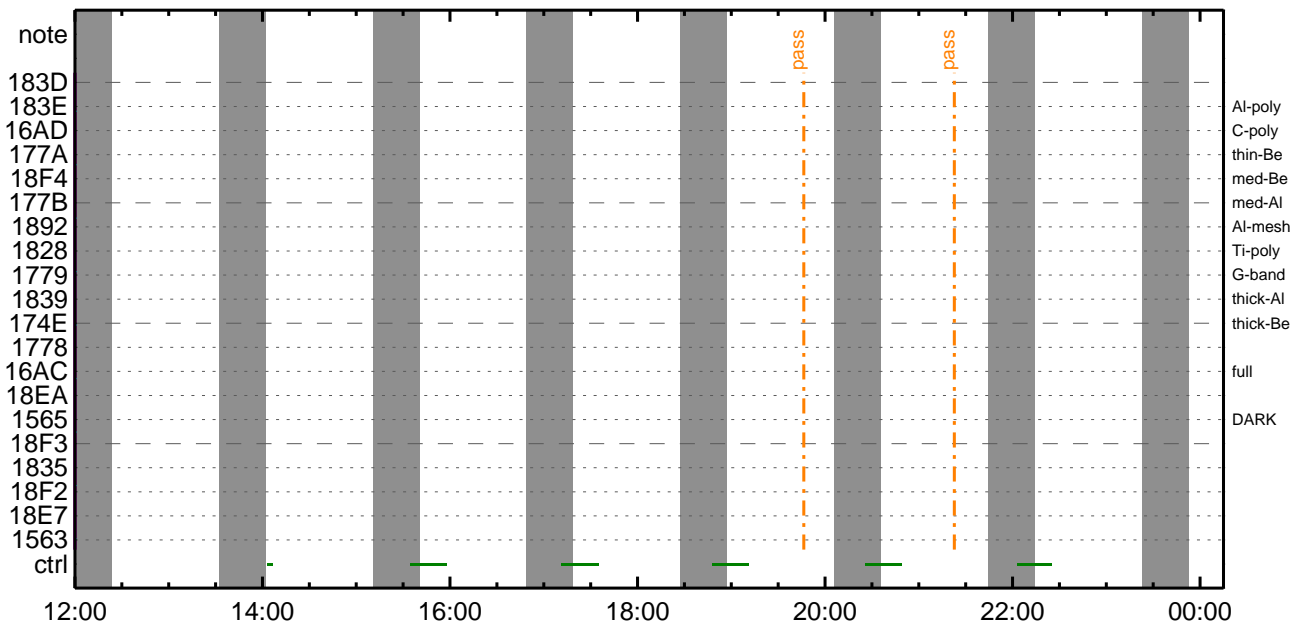
CMDI #0719 2012/06/22



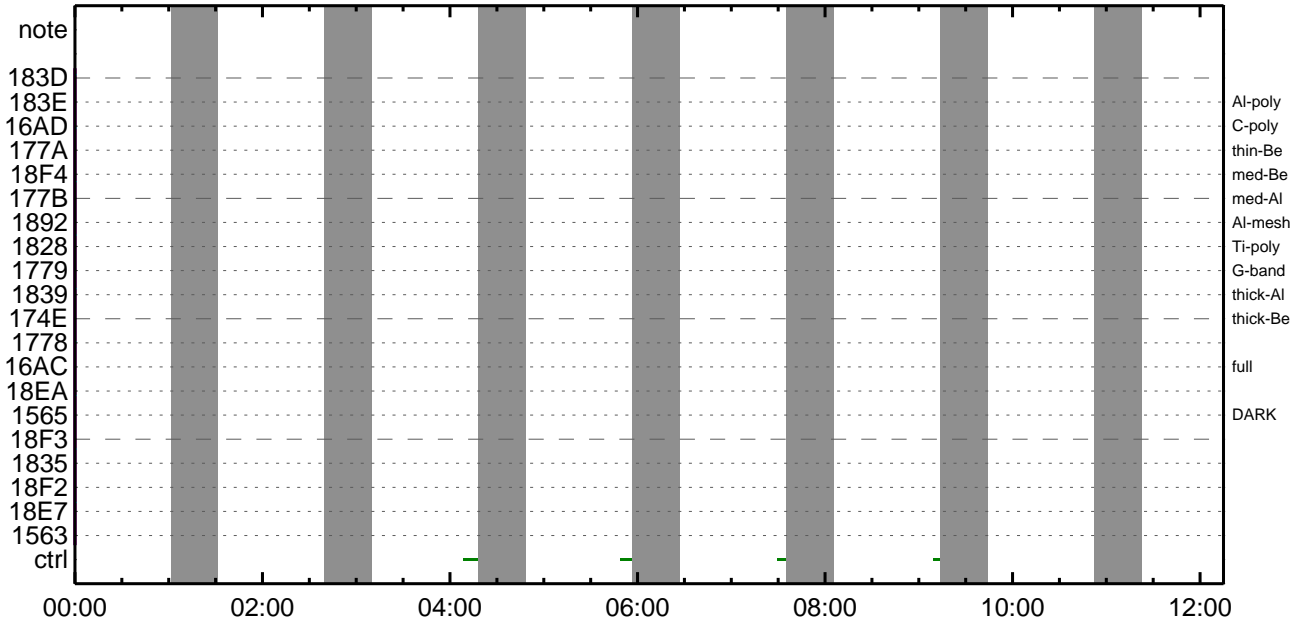
CMDI #0719 2012/06/23



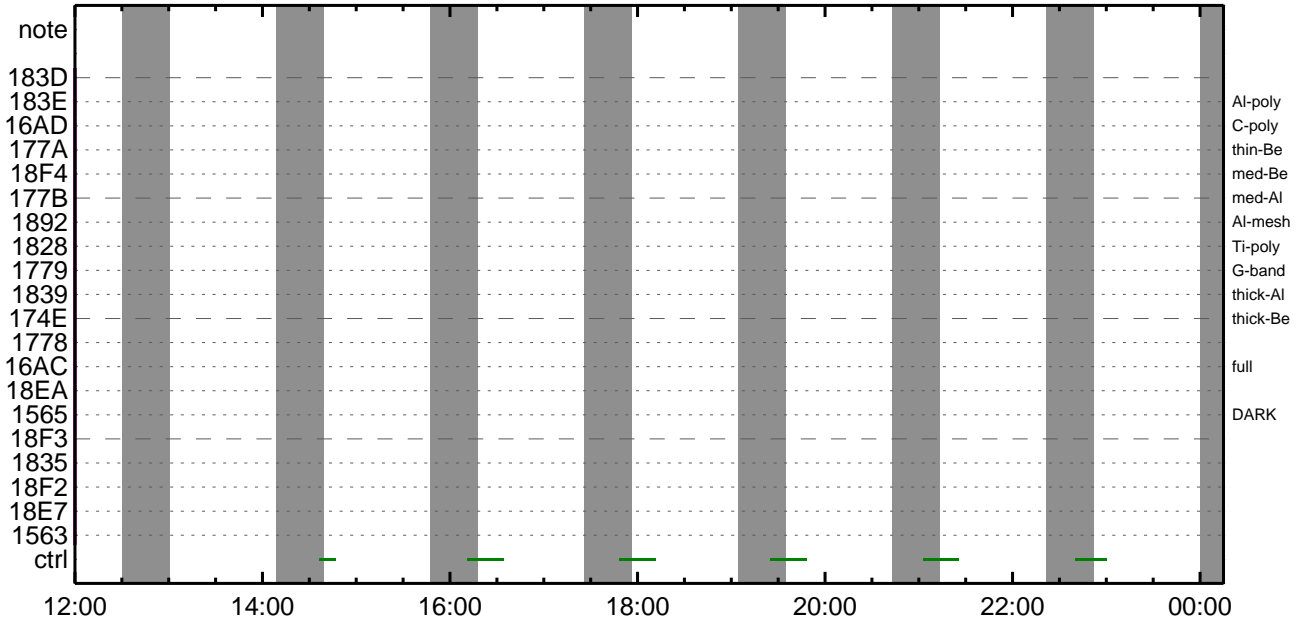
CMDI #0719 2012/06/23



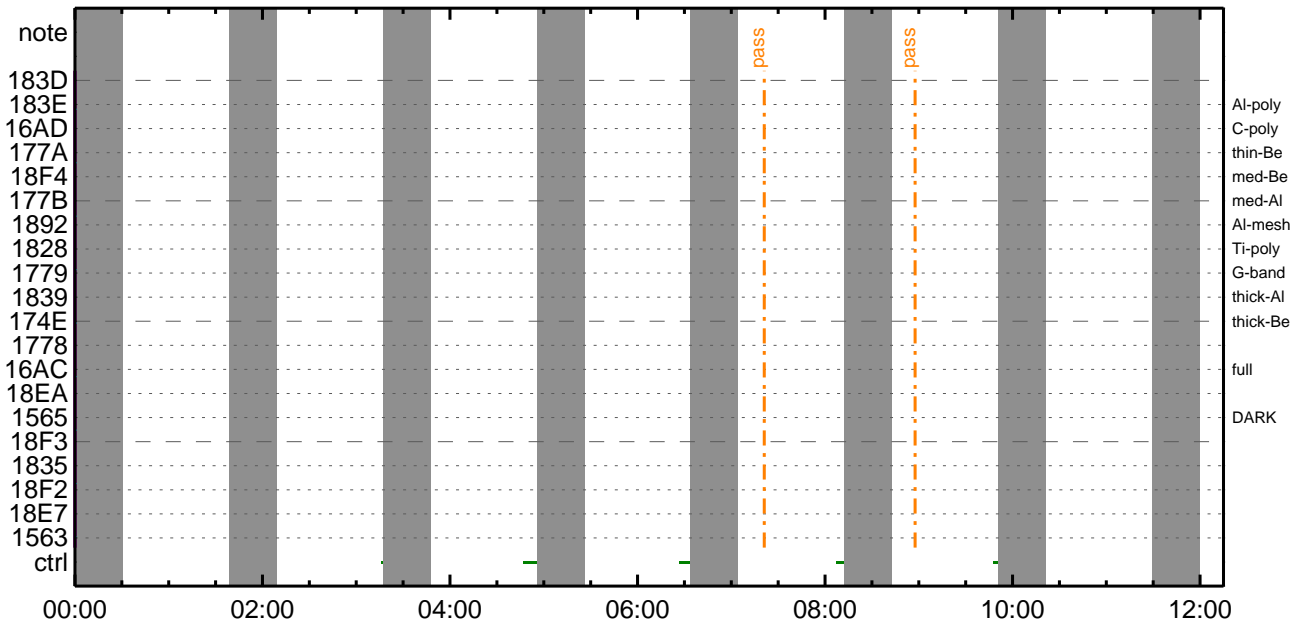
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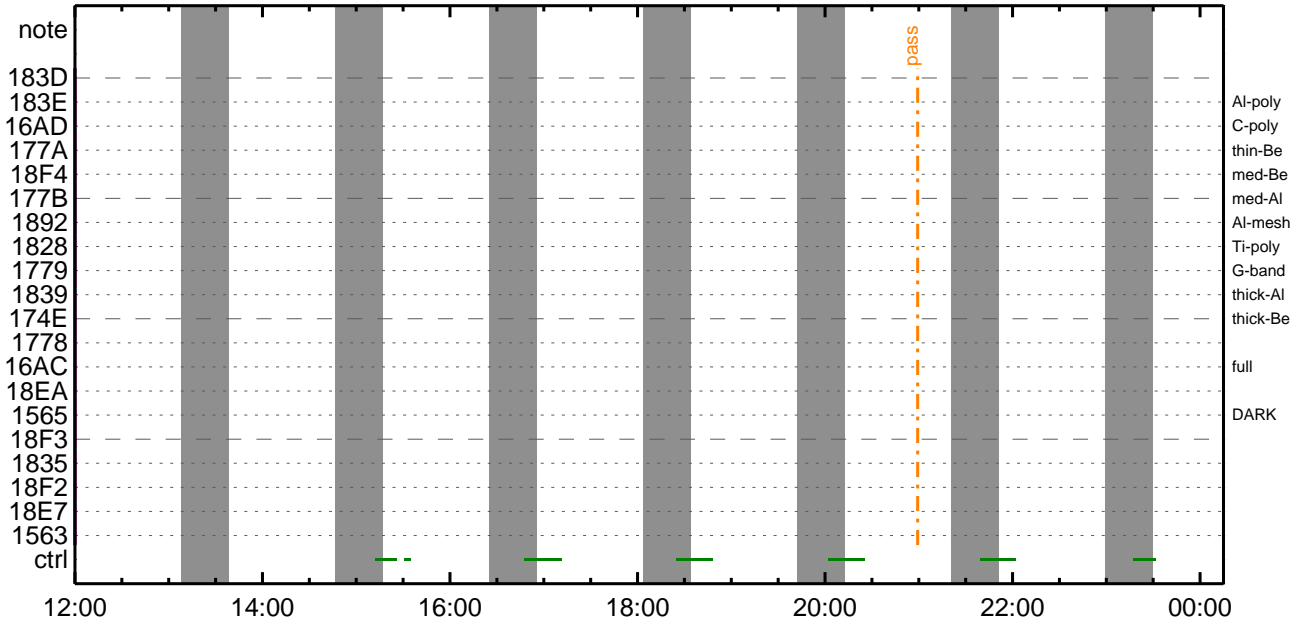
CMDI #0719 2012/06/24



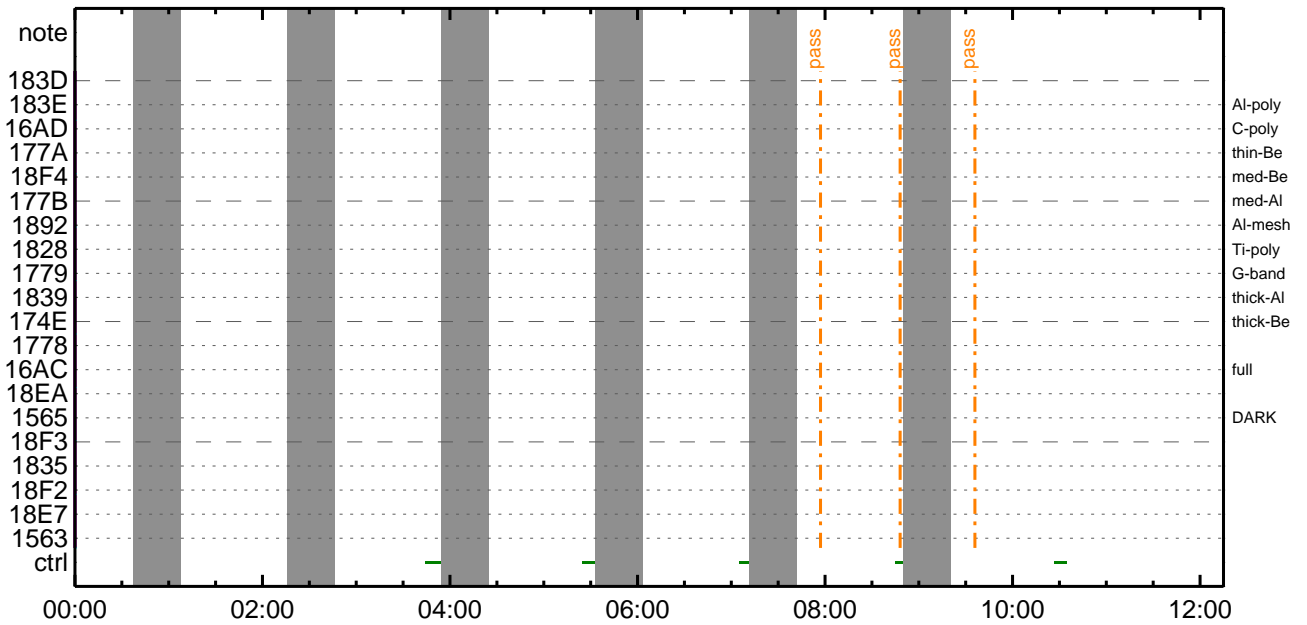
CMDI #0719 2012/06/25



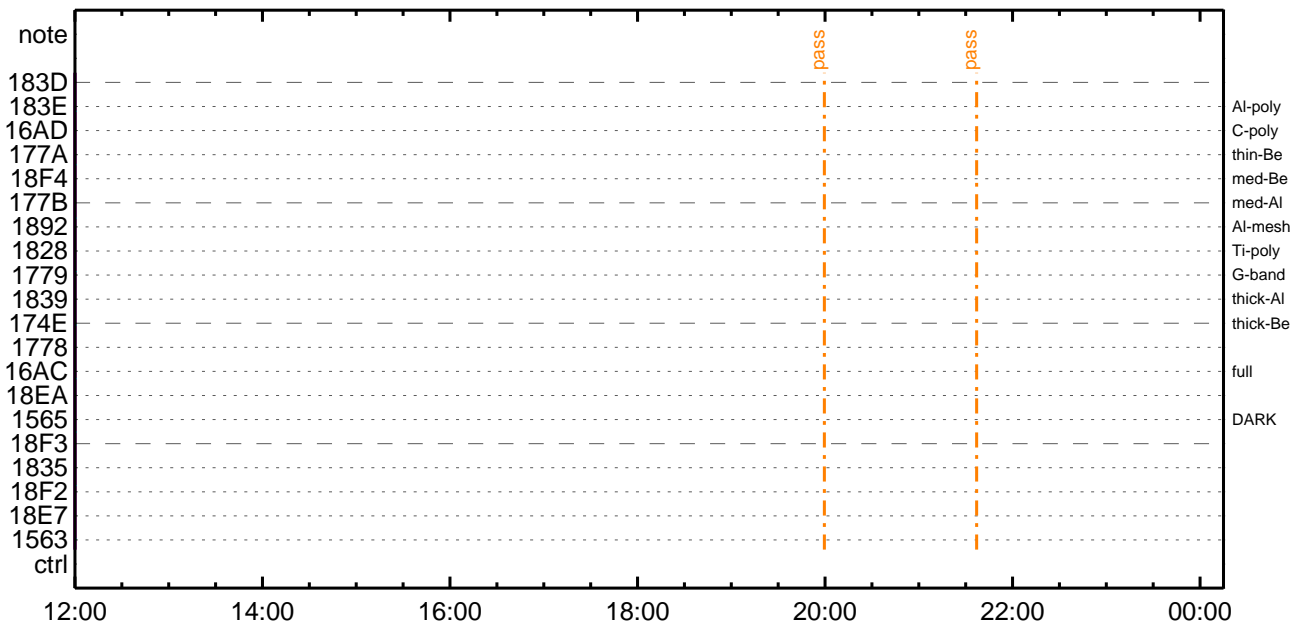
CMDI #0719 2012/06/25



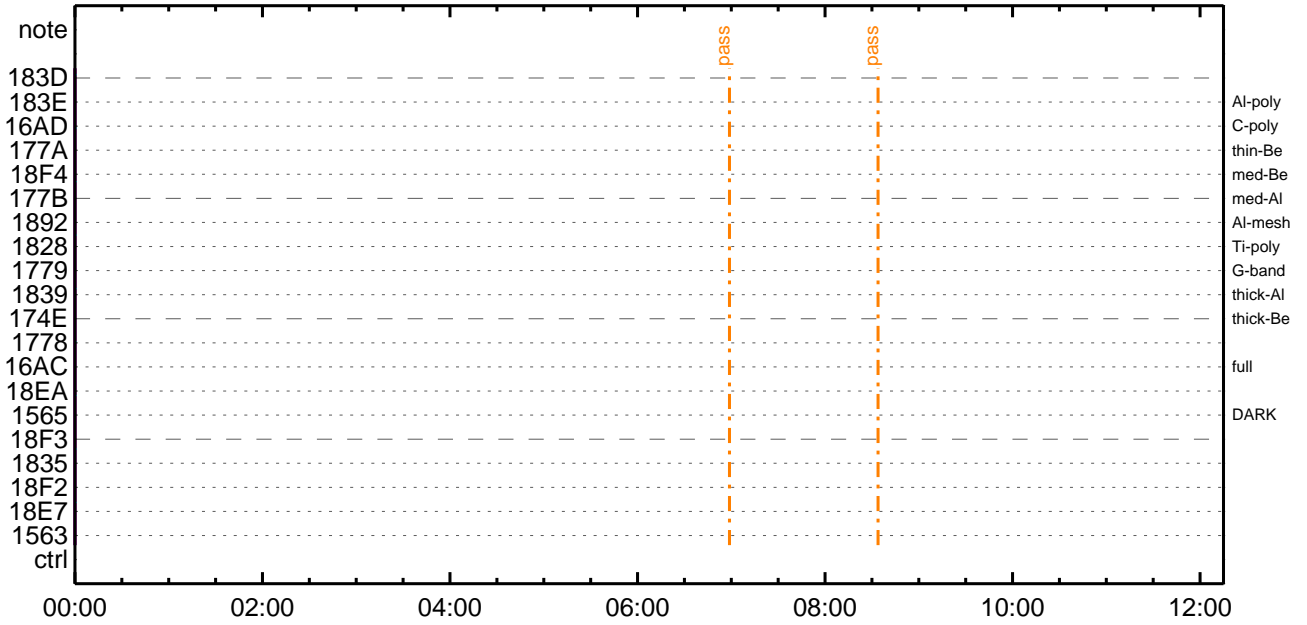
CMDI #0719 2012/06/26



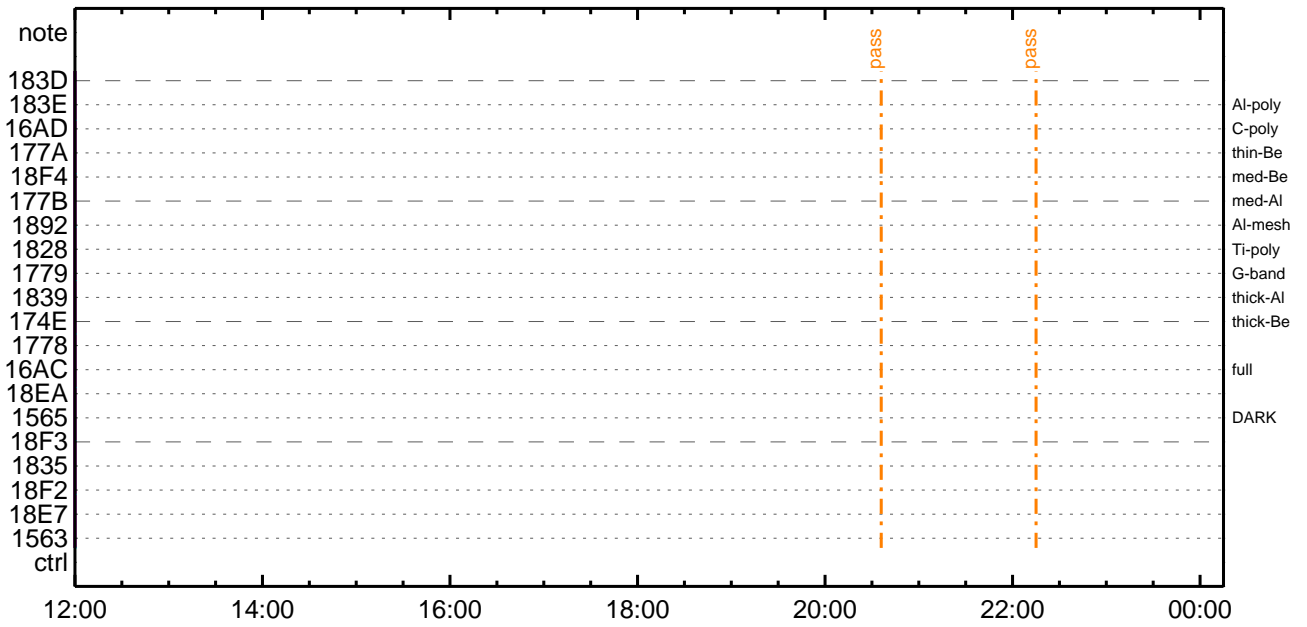
CMDI #0719 2012/06/26



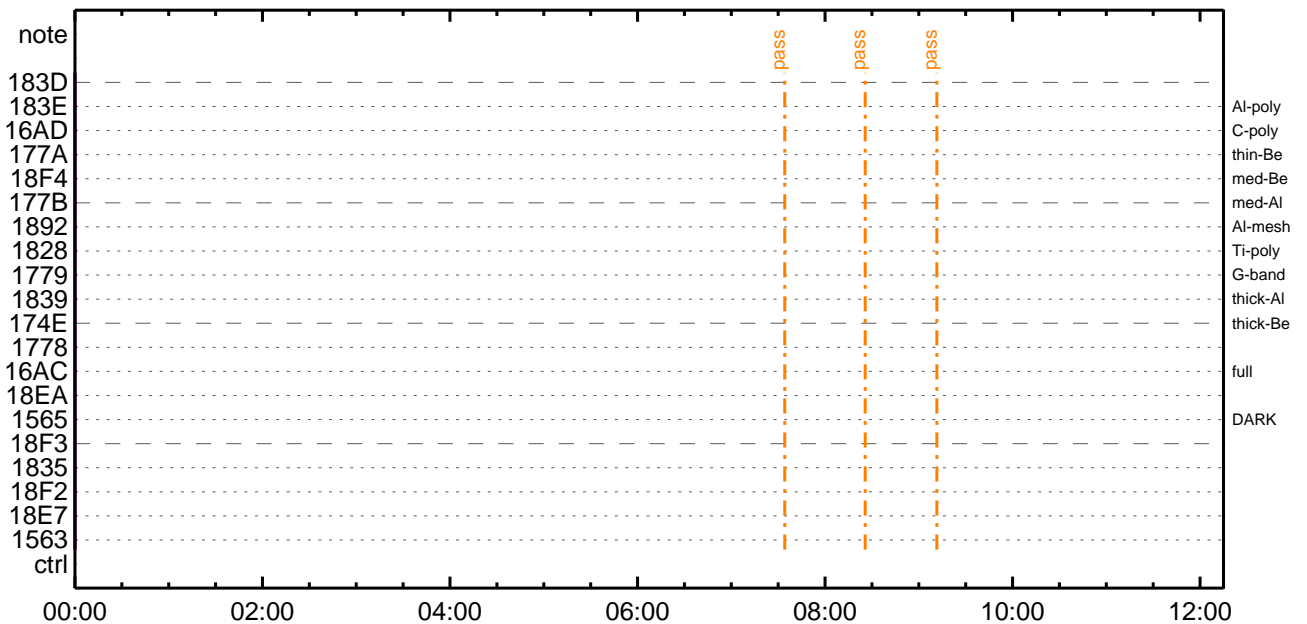
CMDI #0719 2012/06/27



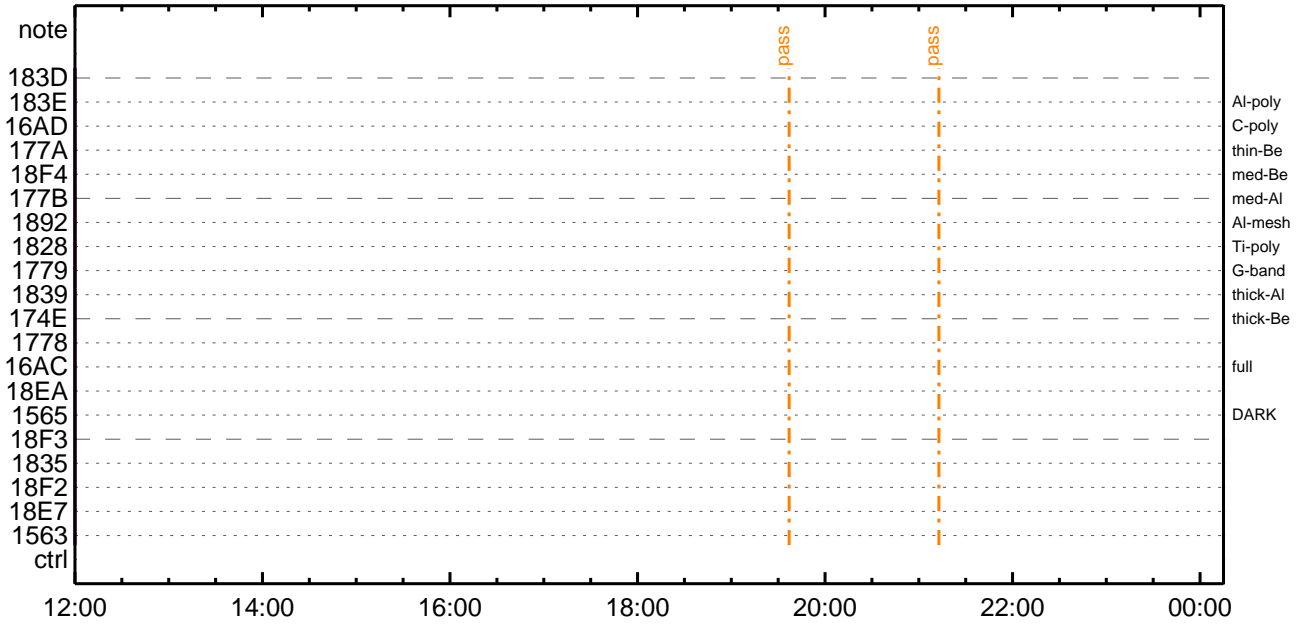
CMDI #0719 2012/06/27



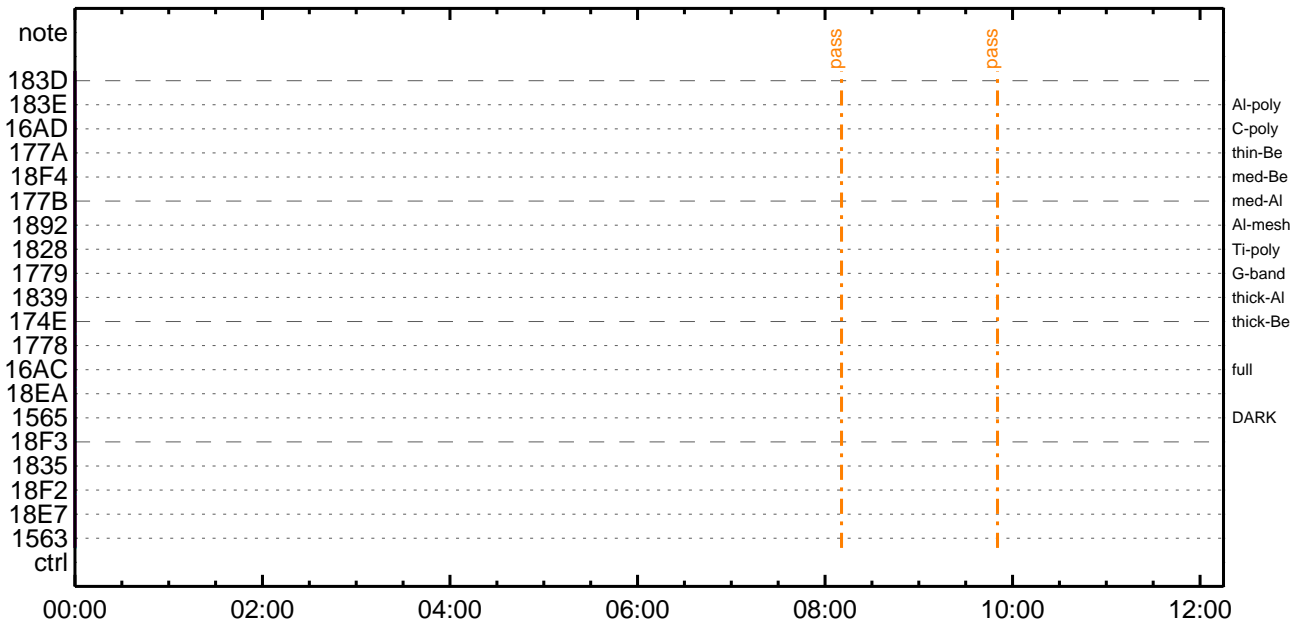
CMDI #0719 2012/06/28



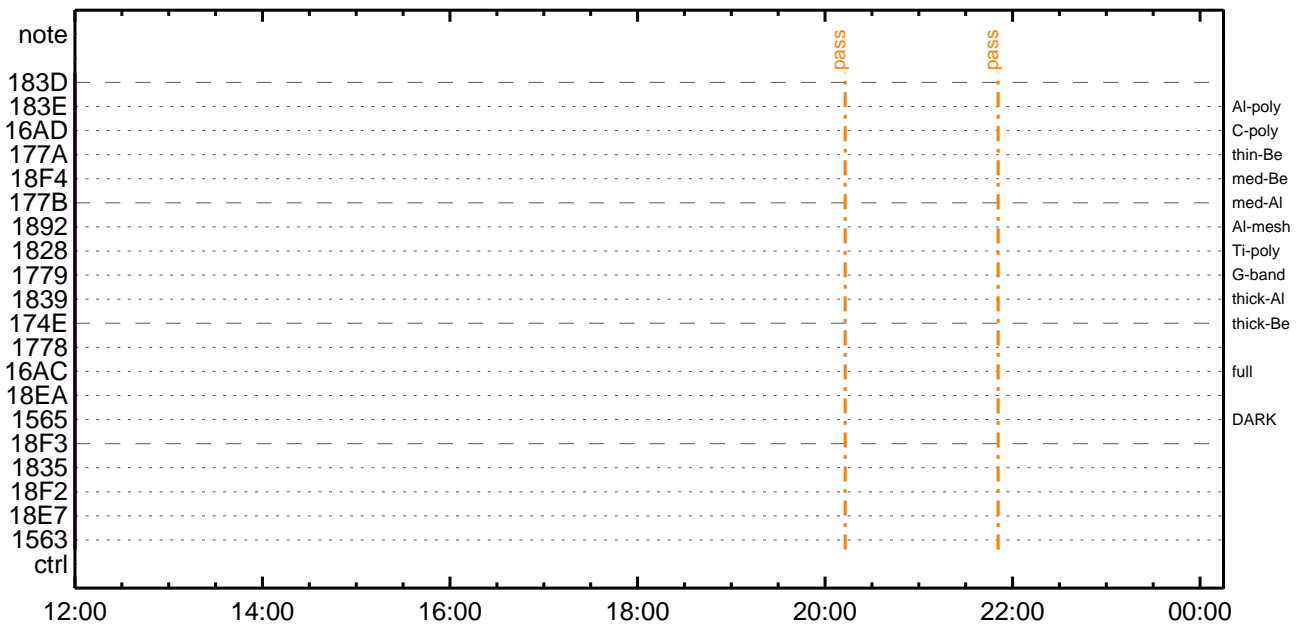
CMDI #0719 2012/06/28



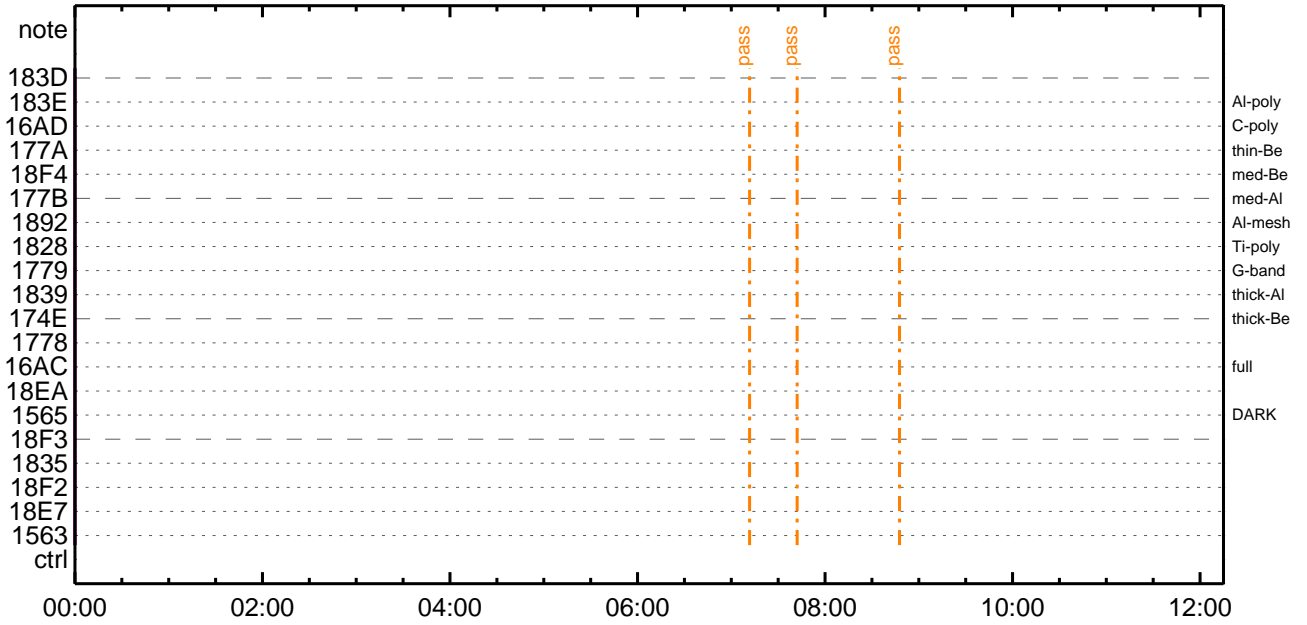
CMDI #0719 2012/06/29



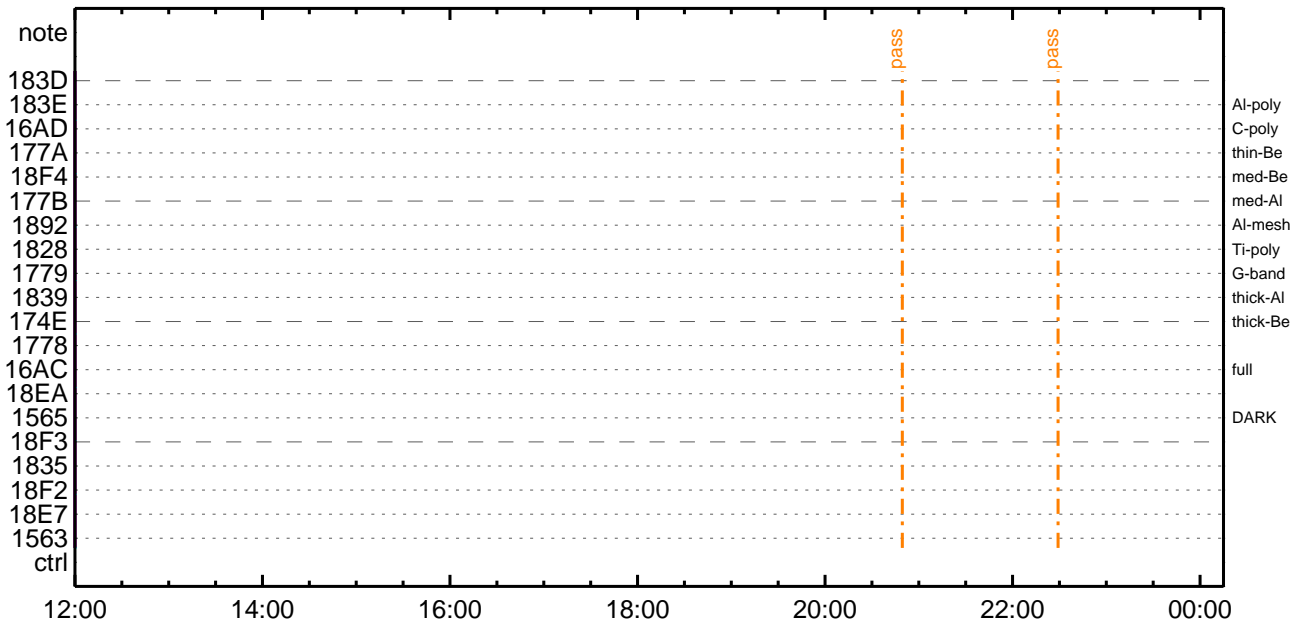
CMDI #0719 2012/06/29



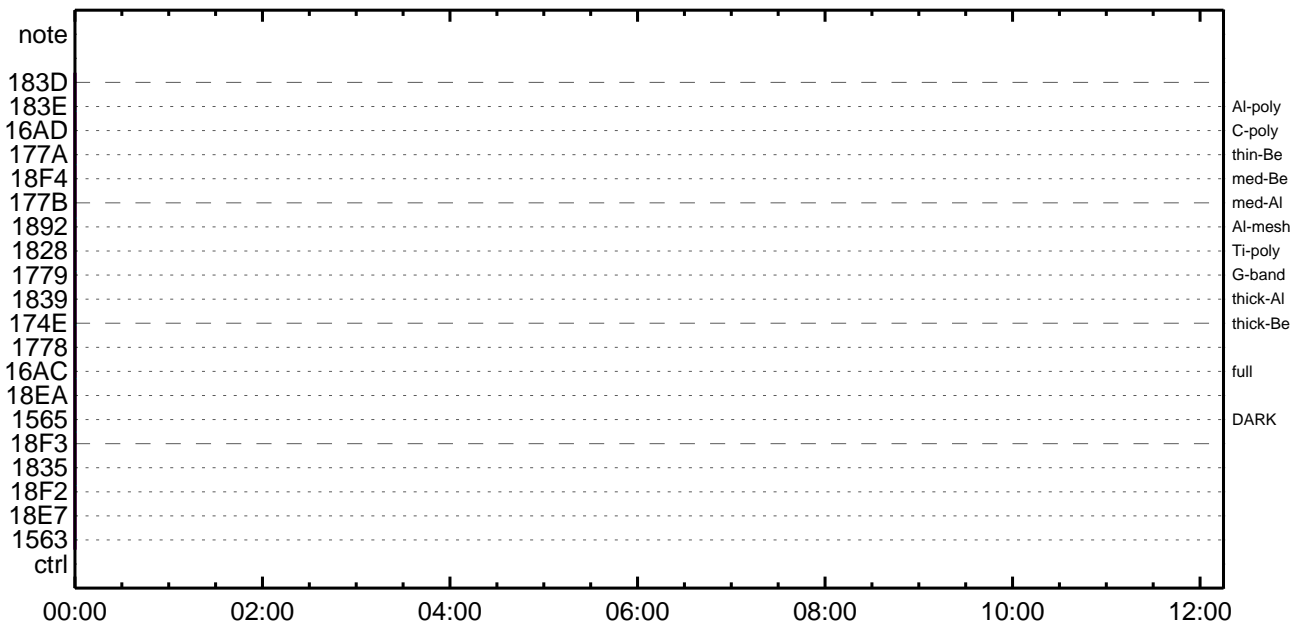
CMDI #0719 2012/06/30



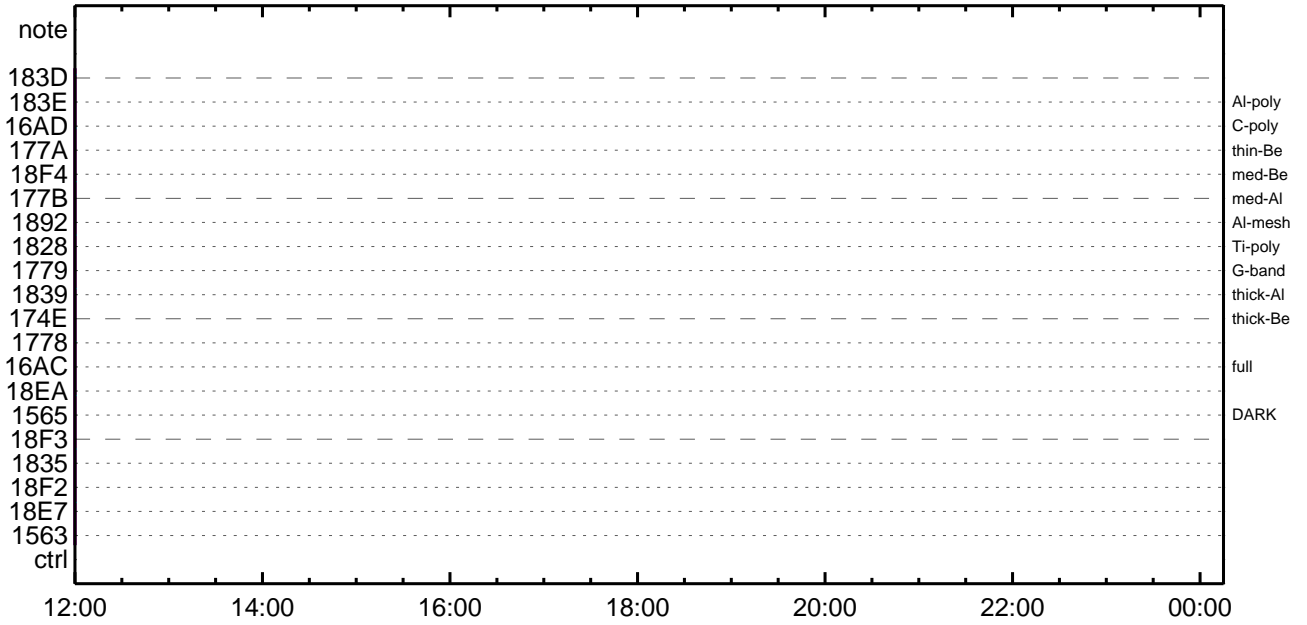
CMDI #0719 2012/06/30



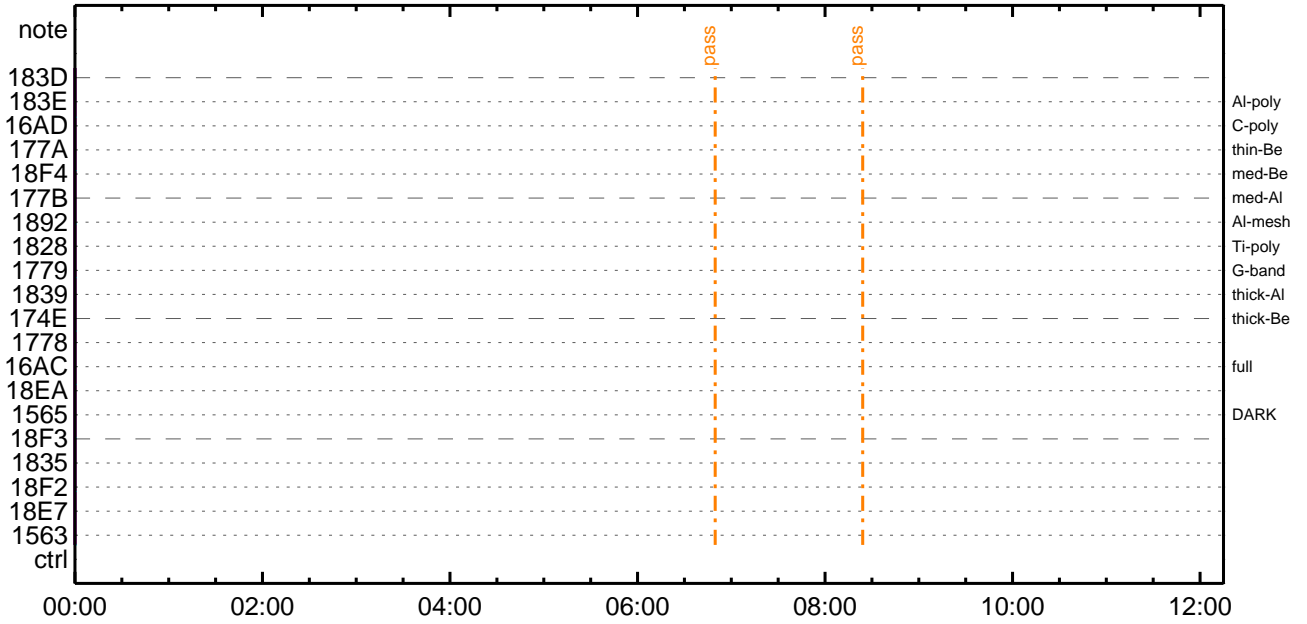
CMDI #0719 2012/07/01



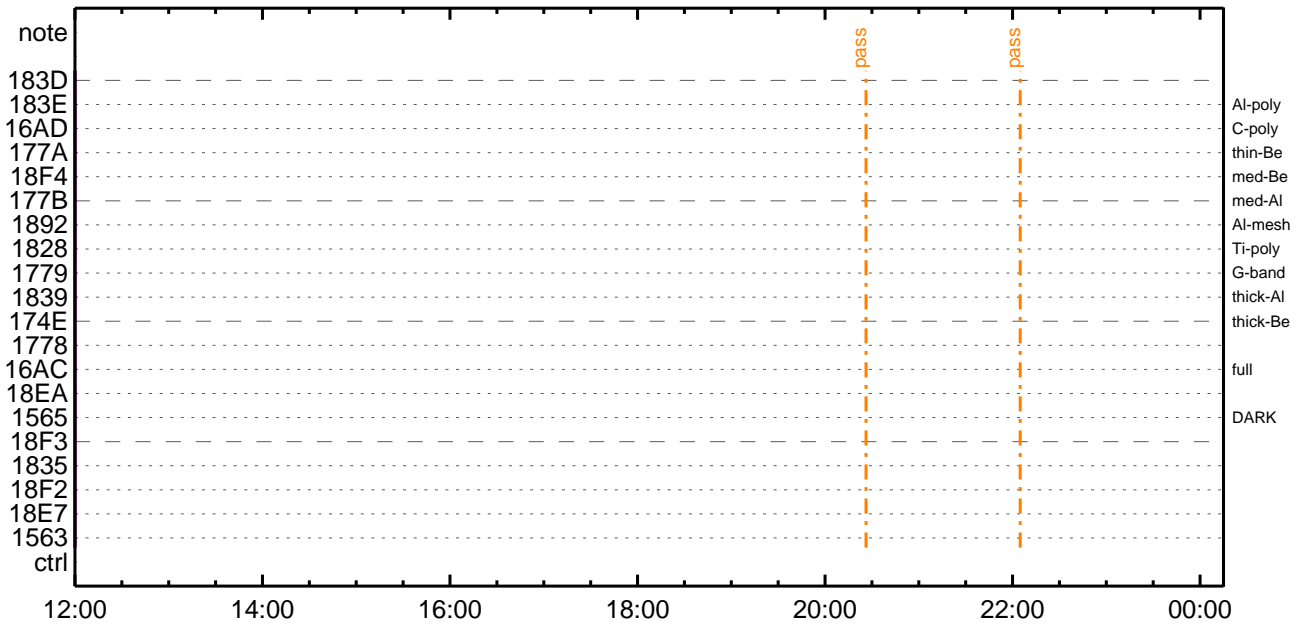
CMDI #0719 2012/07/01



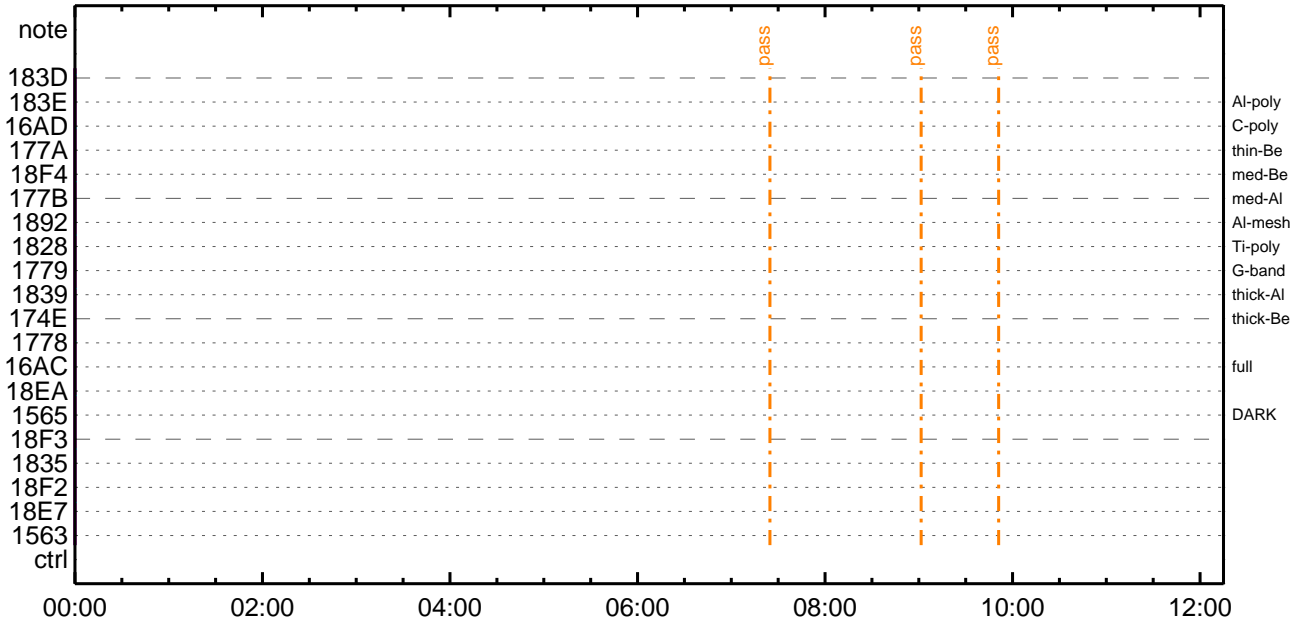
CMDI #0719 2012/07/02



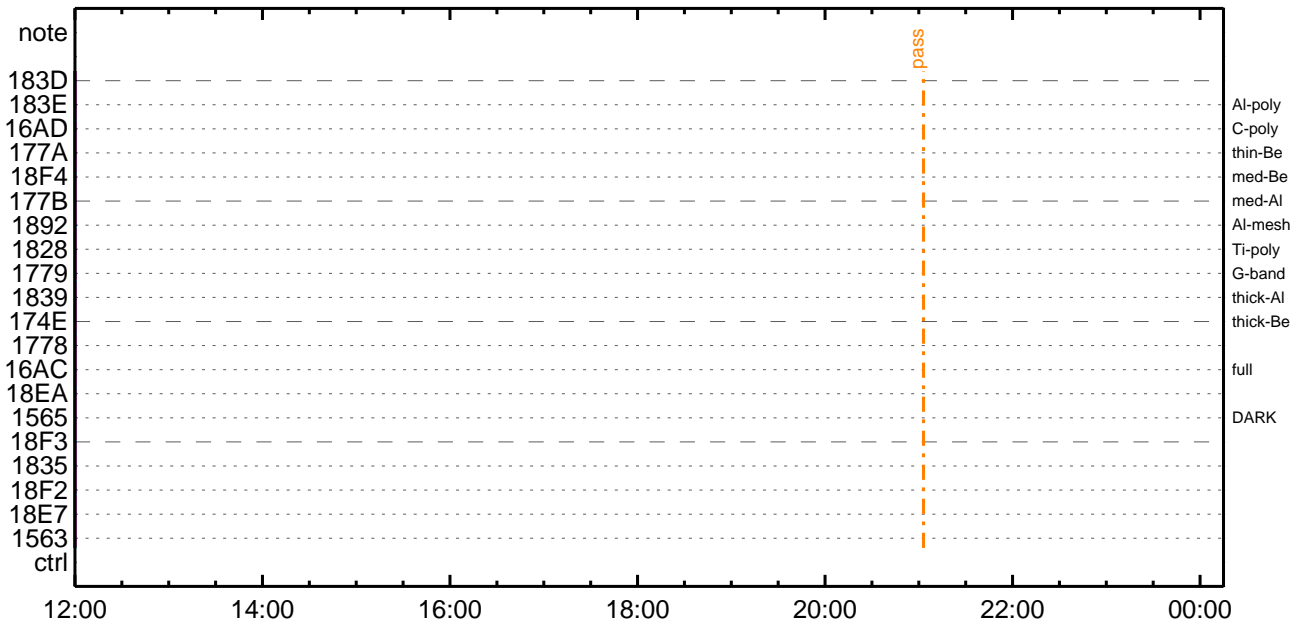
CMDI #0719 2012/07/02



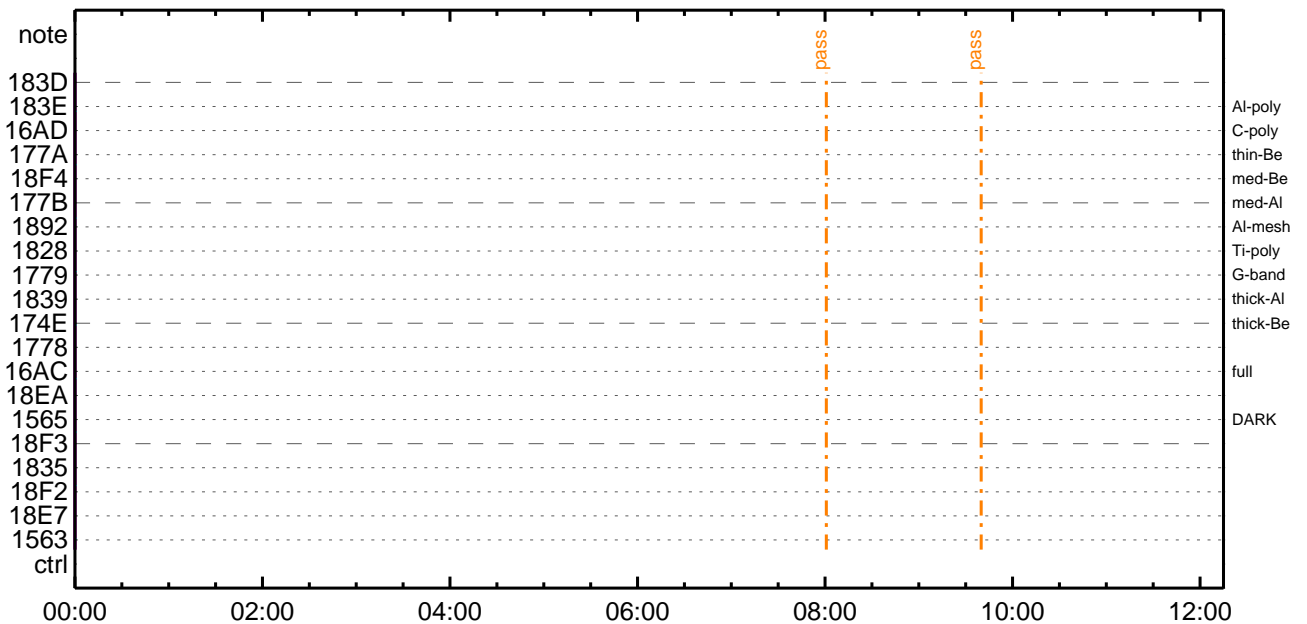
CMDI #0719 2012/07/03



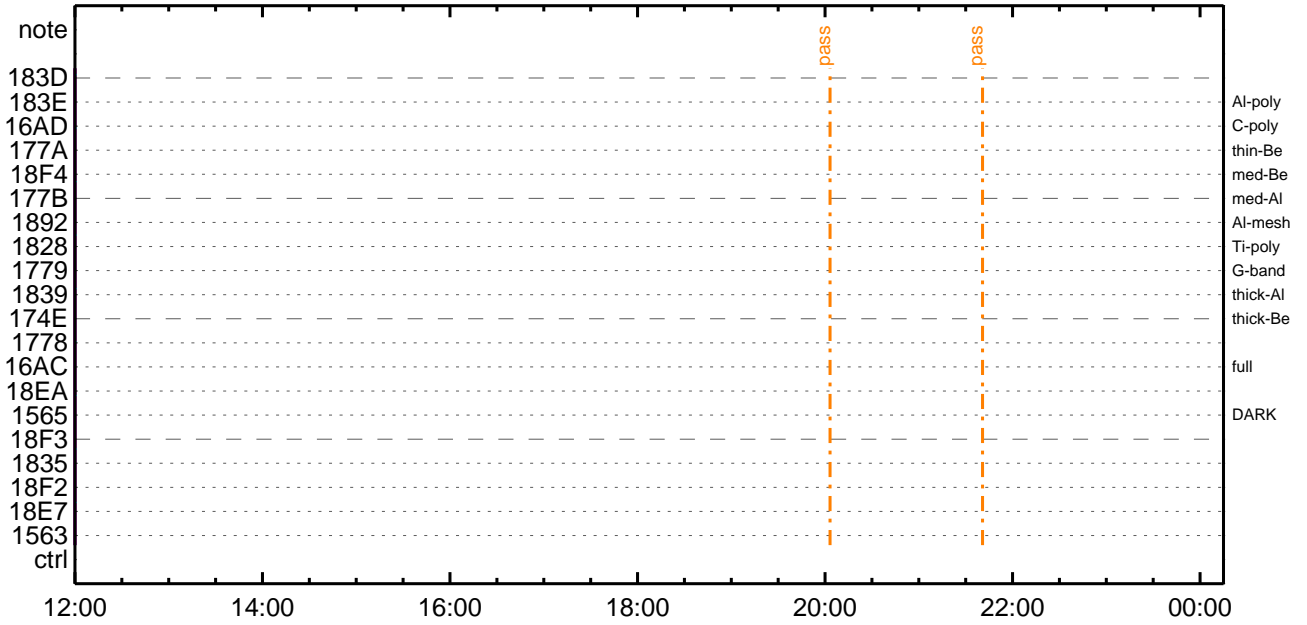
CMDI #0719 2012/07/03



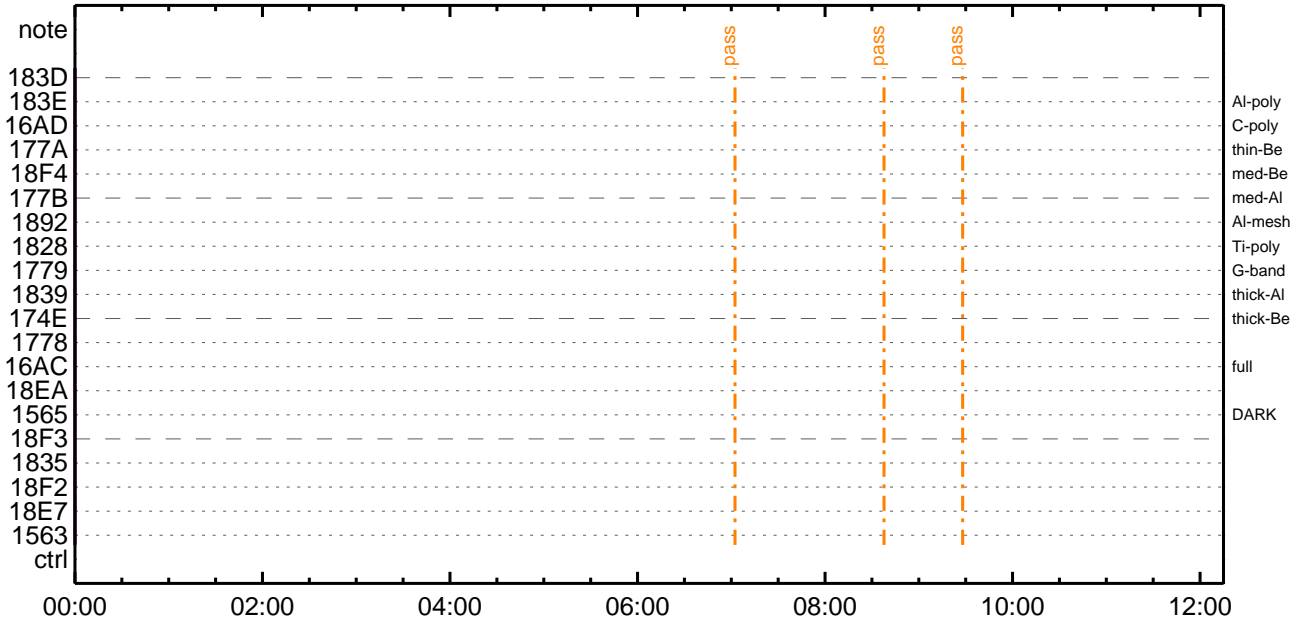
CMDI #0719 2012/07/04



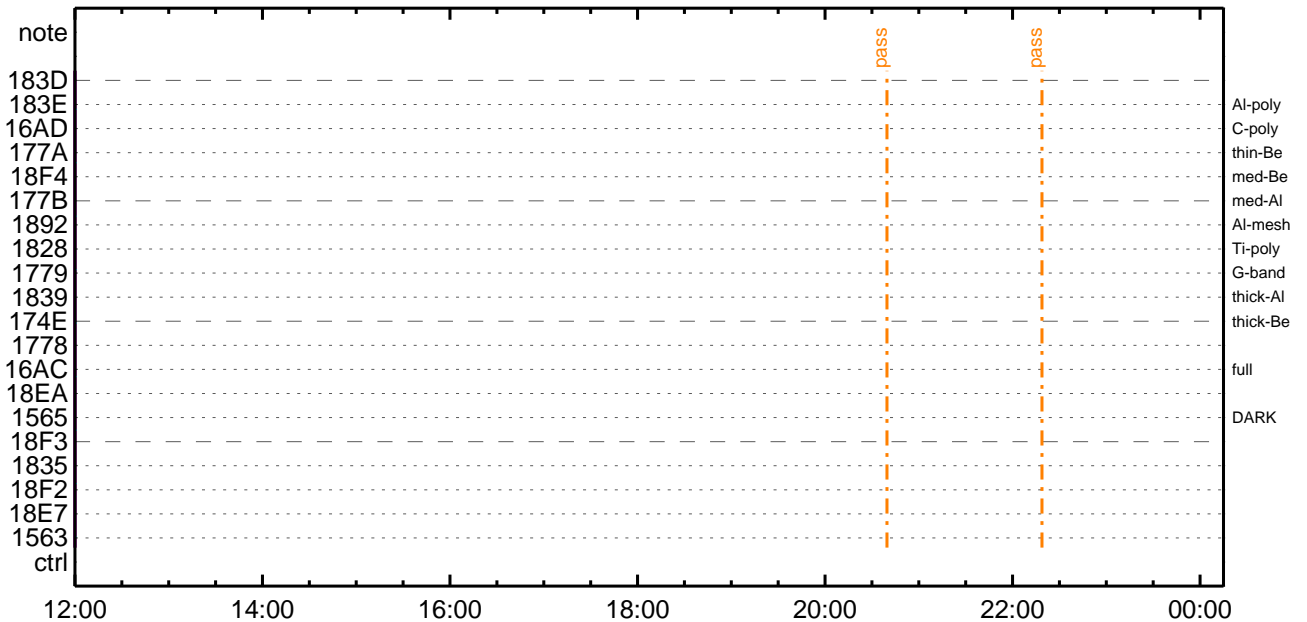
CMDI #0719 2012/07/04



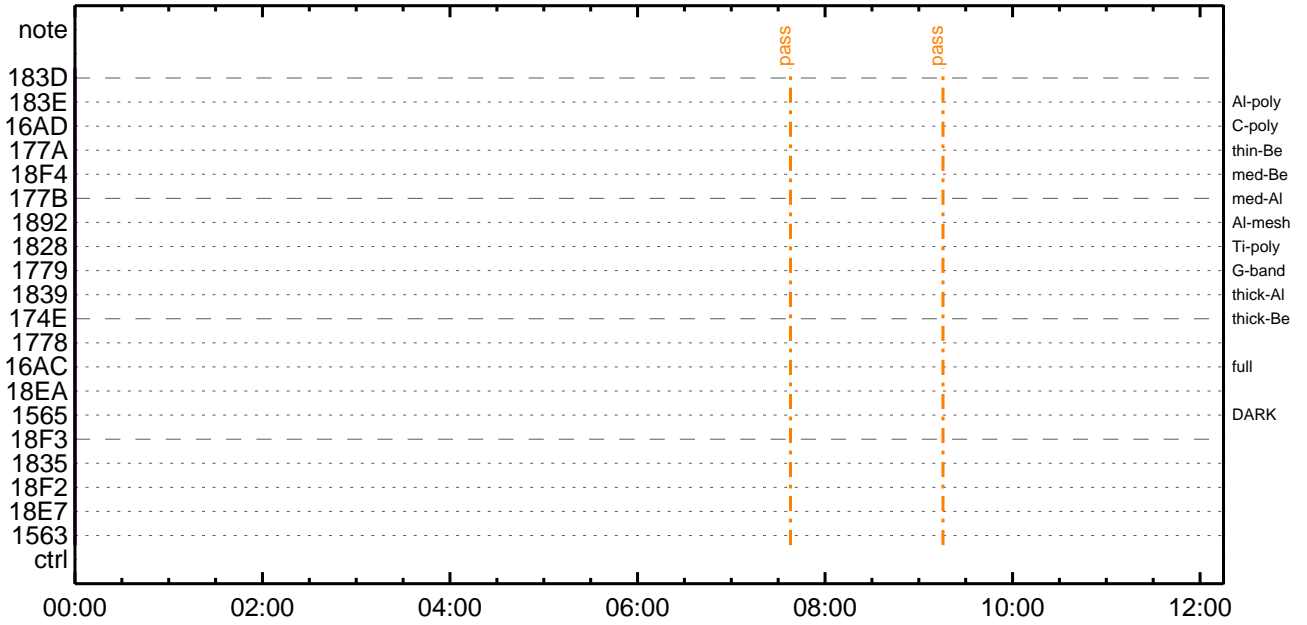
CMDI #0719 2012/07/05



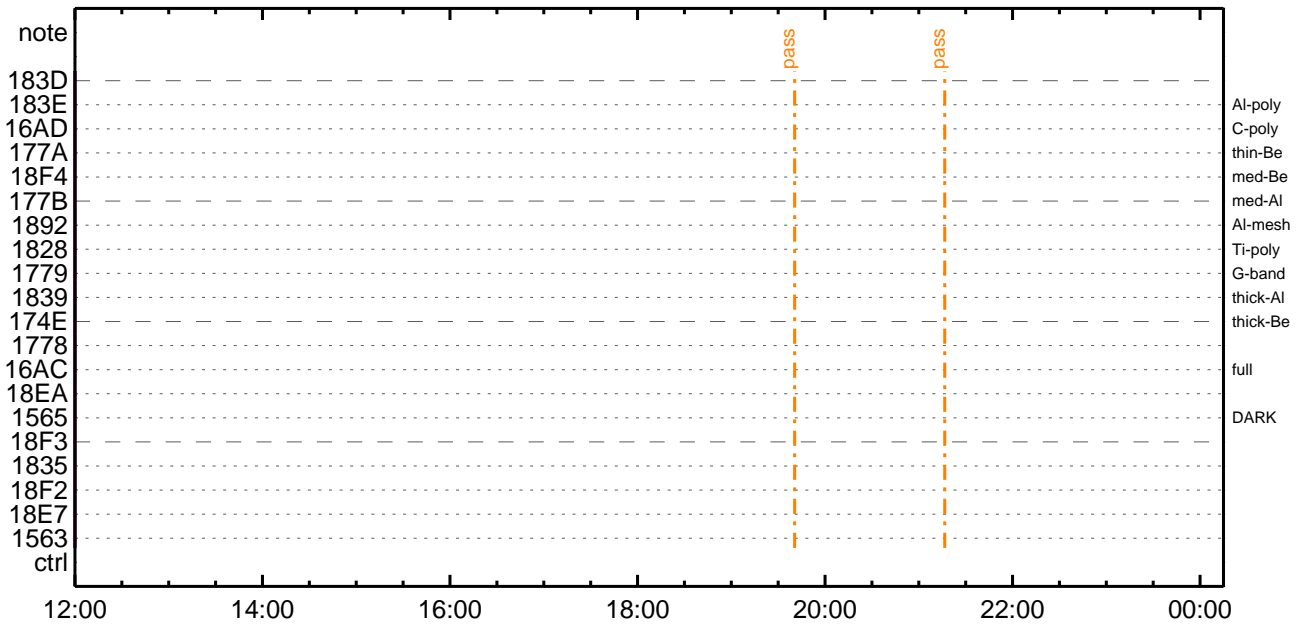
CMDI #0719 2012/07/05



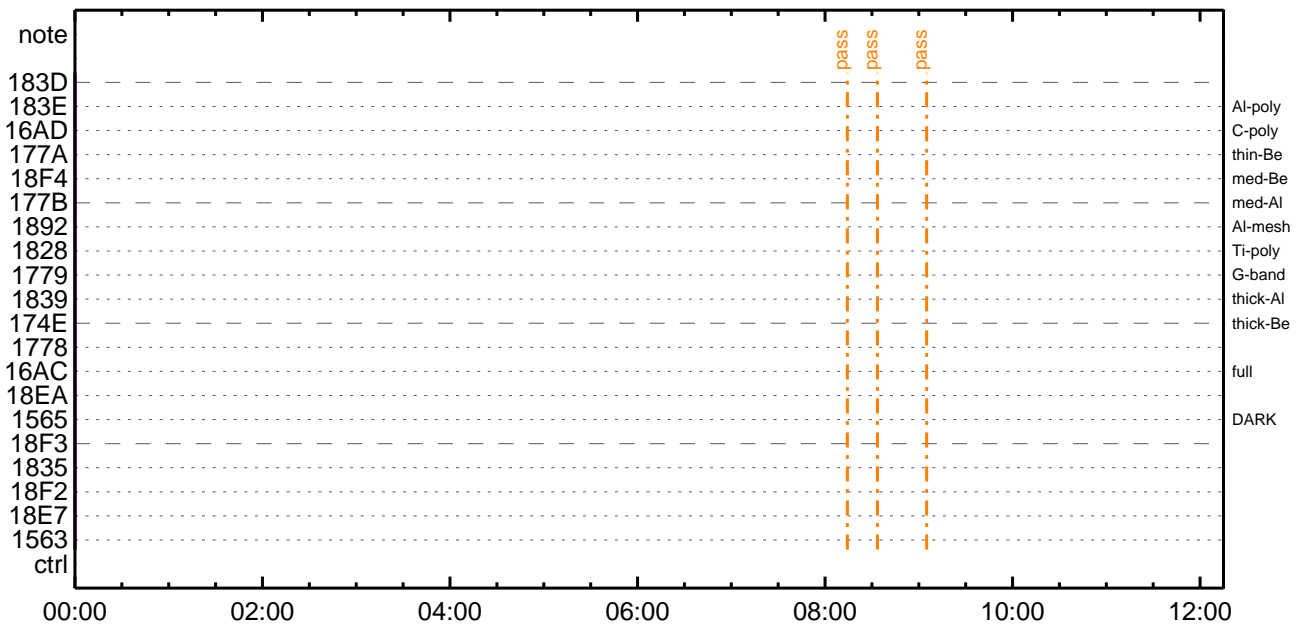
CMDI #0719 2012/07/06



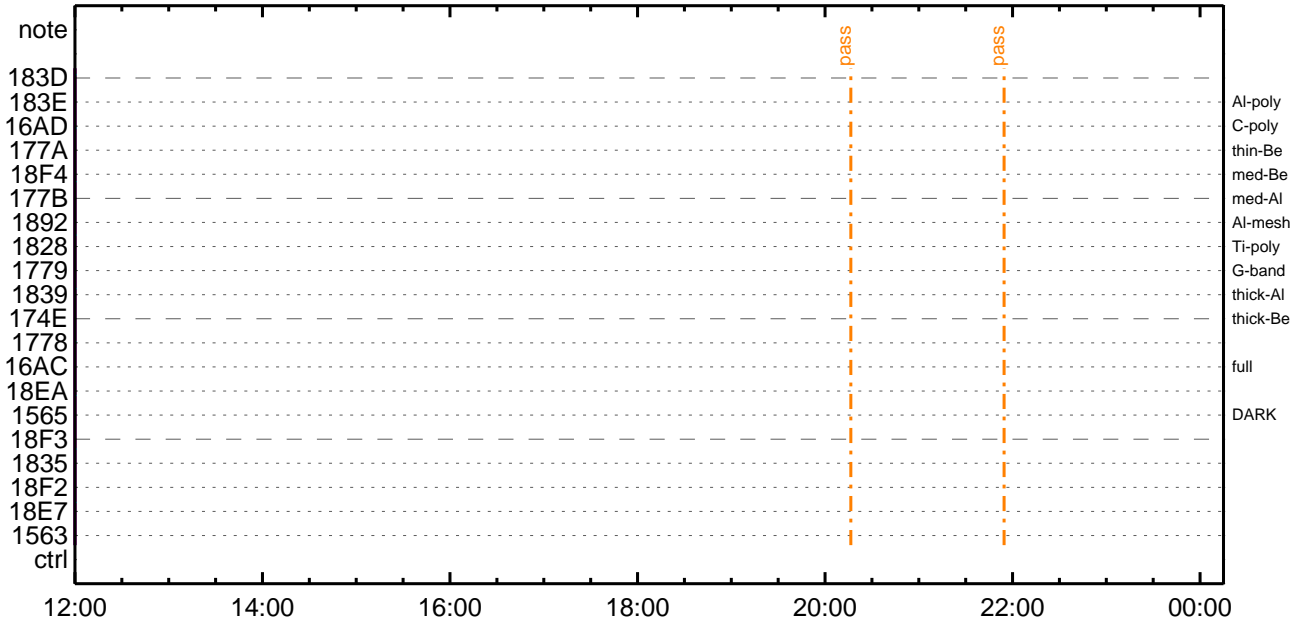
CMDI #0719 2012/07/06



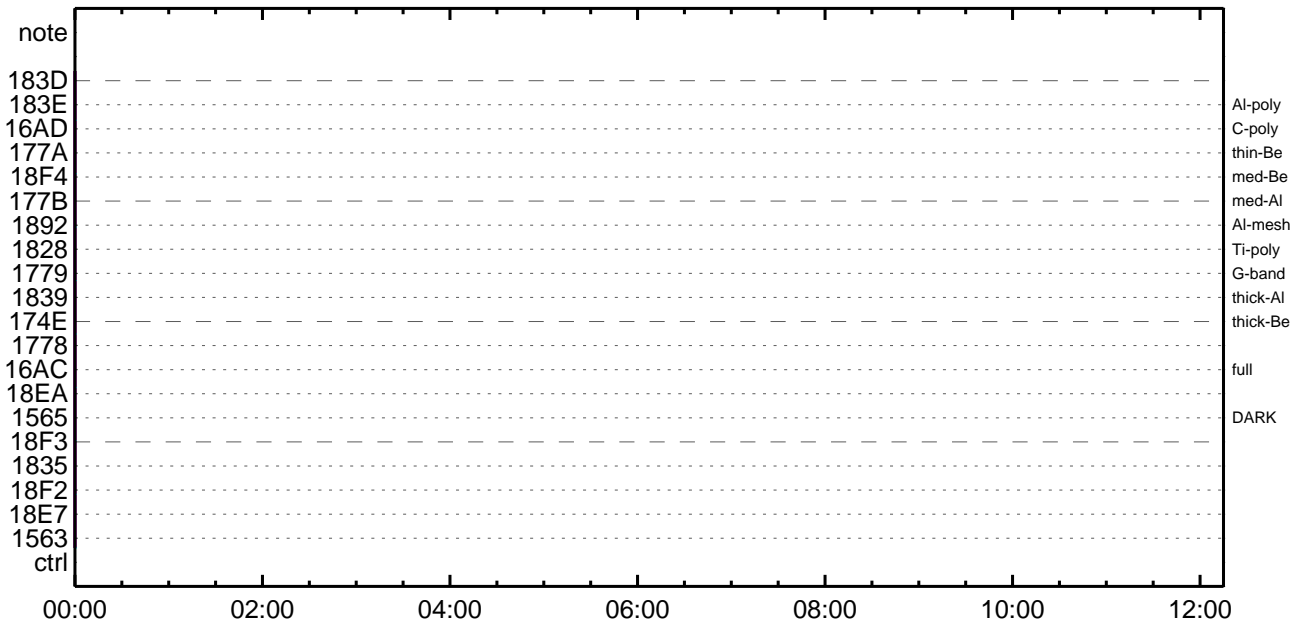
CMDI #0719 2012/07/07



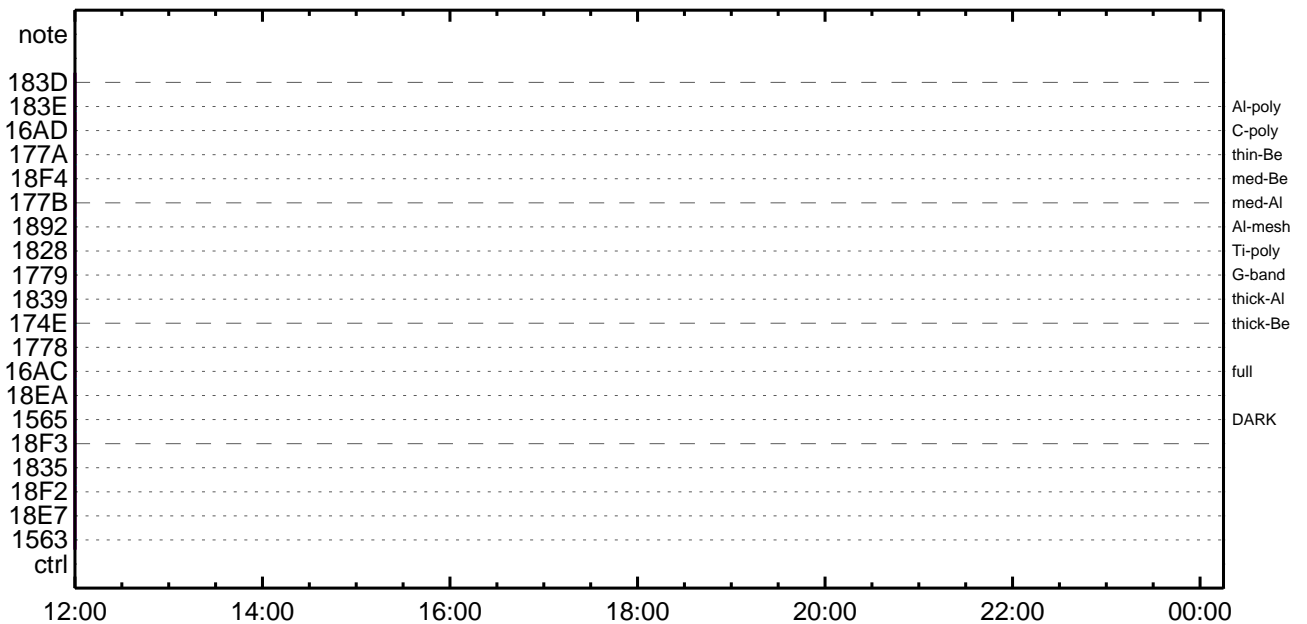
CMDI #0719 2012/07/07



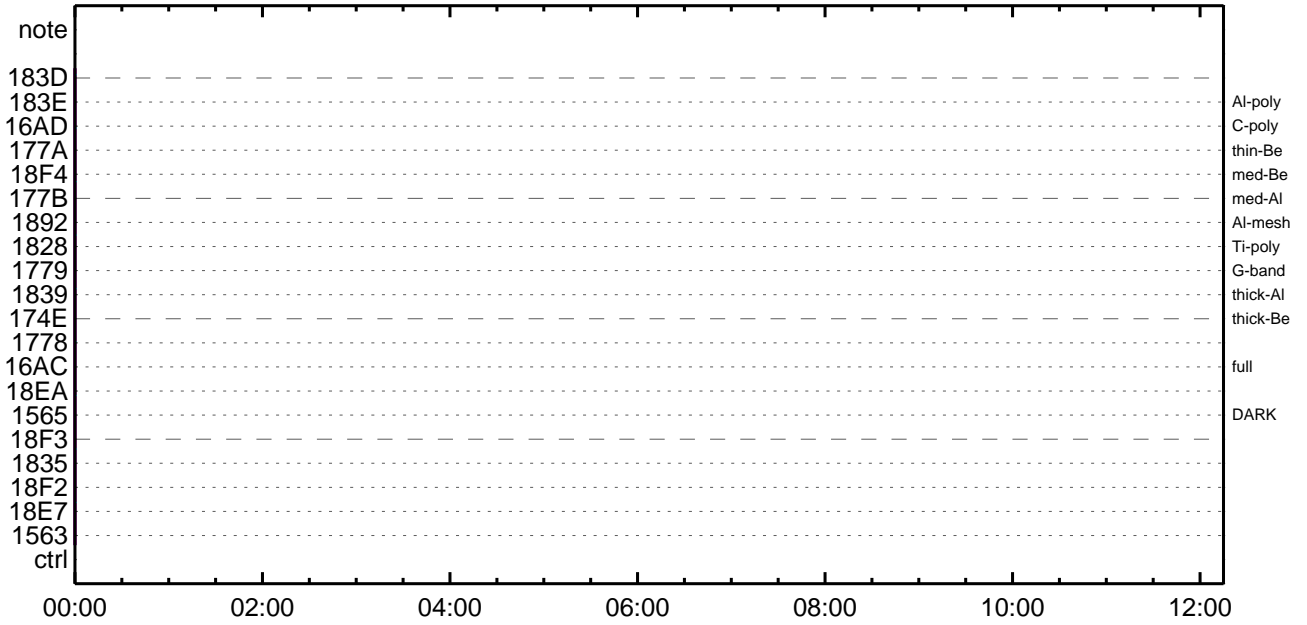
CMDI #0719 2012/07/08



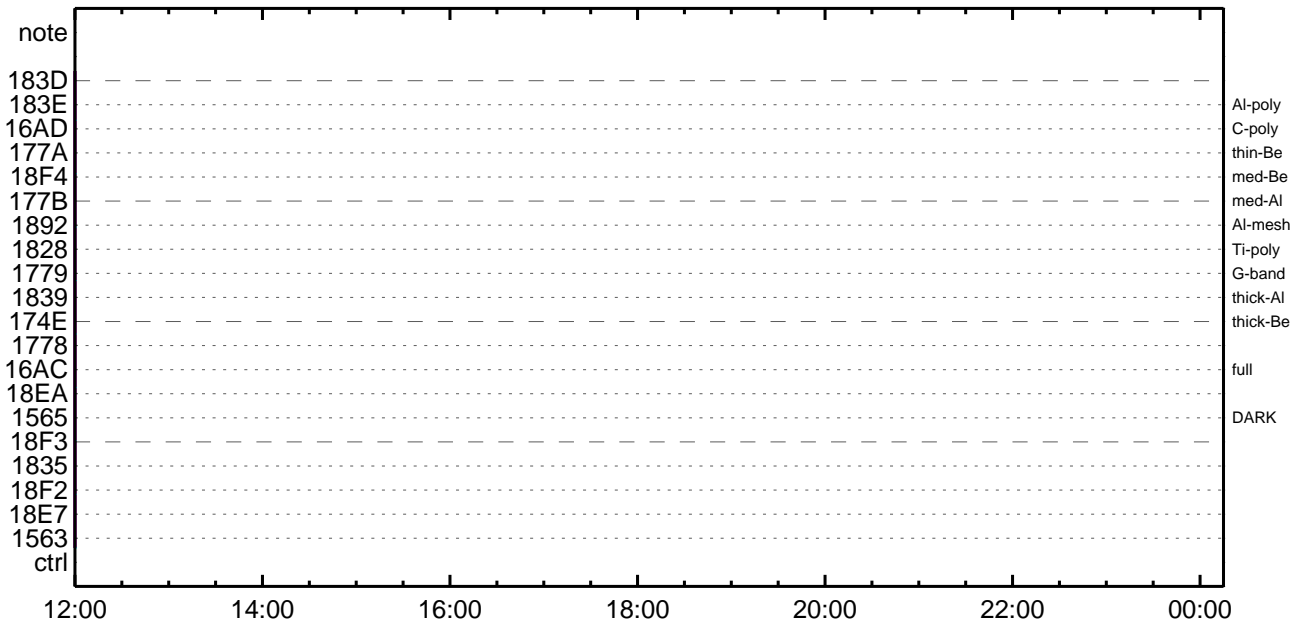
CMDI #0719 2012/07/08



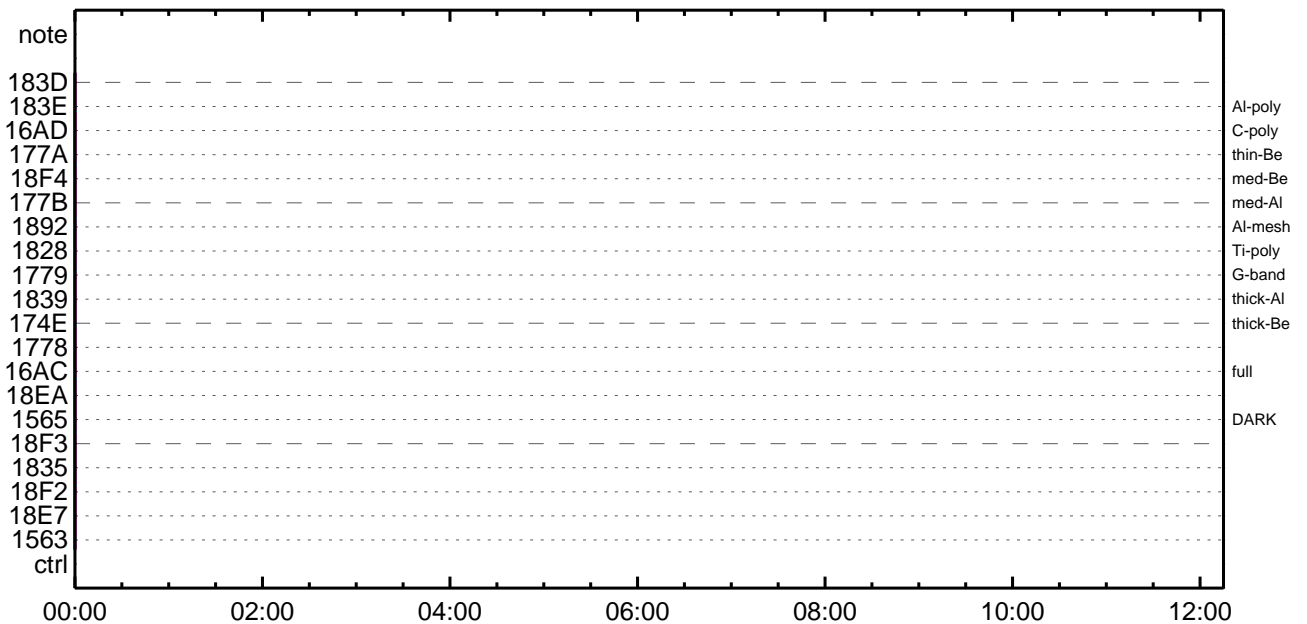
CMDI #0719 2012/07/09



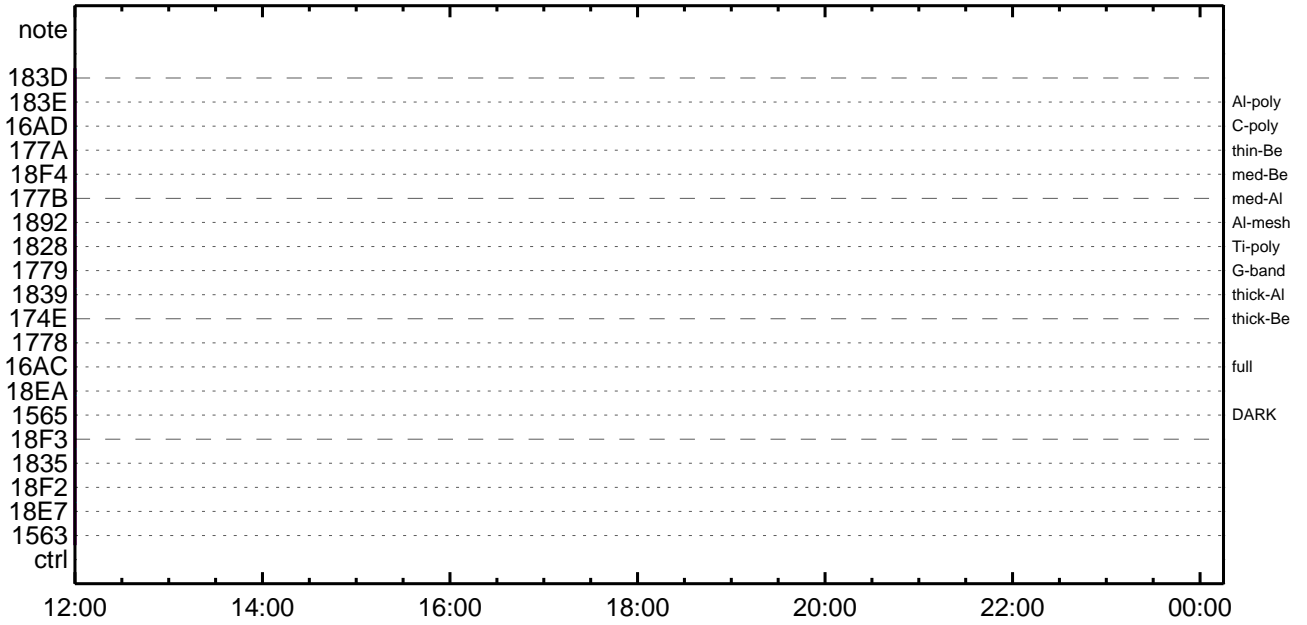
CMDI #0719 2012/07/09



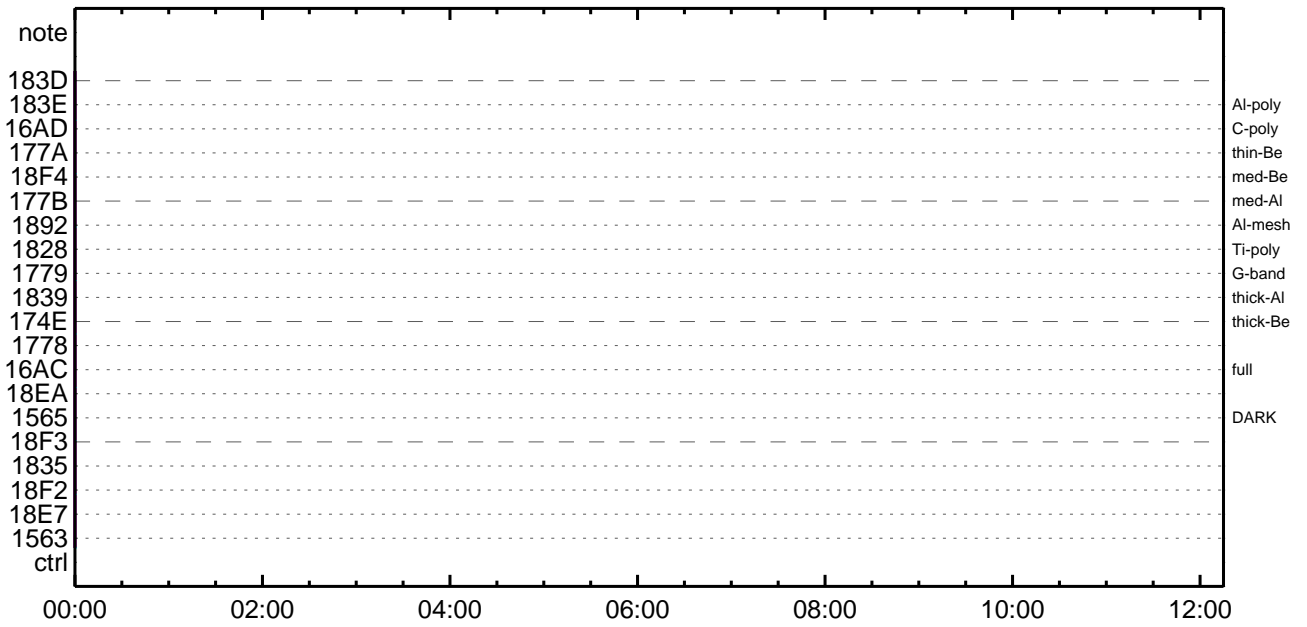
CMDI #0719 2012/07/10



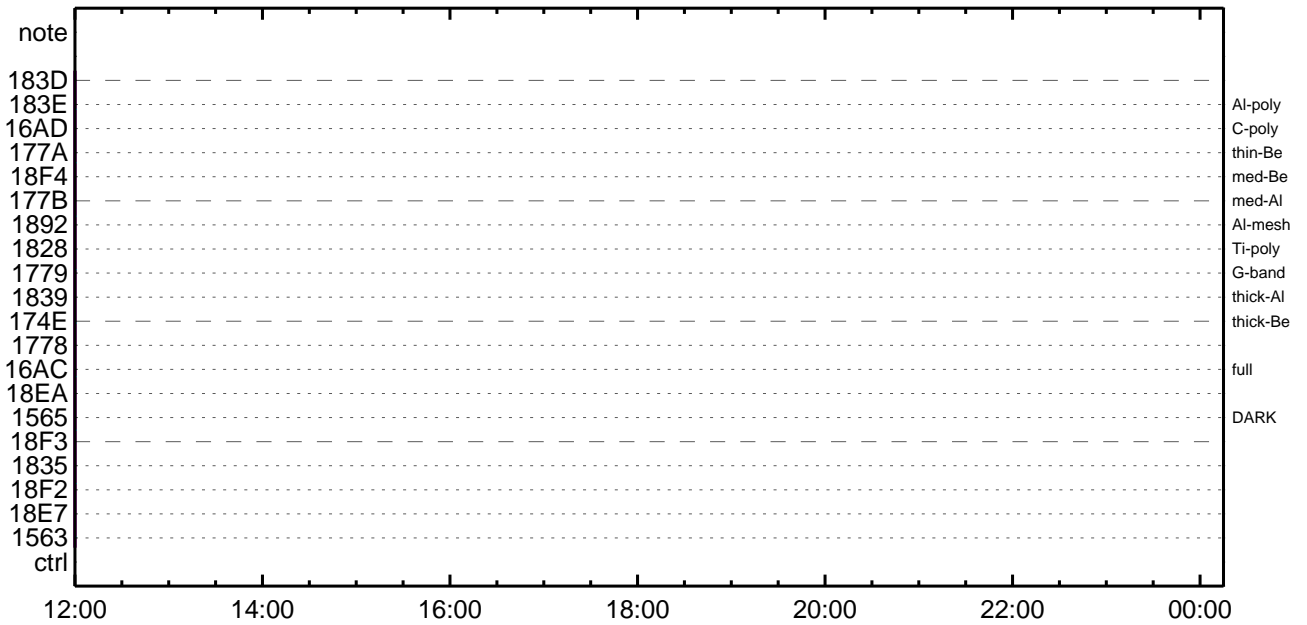
CMDI #0719 2012/07/10



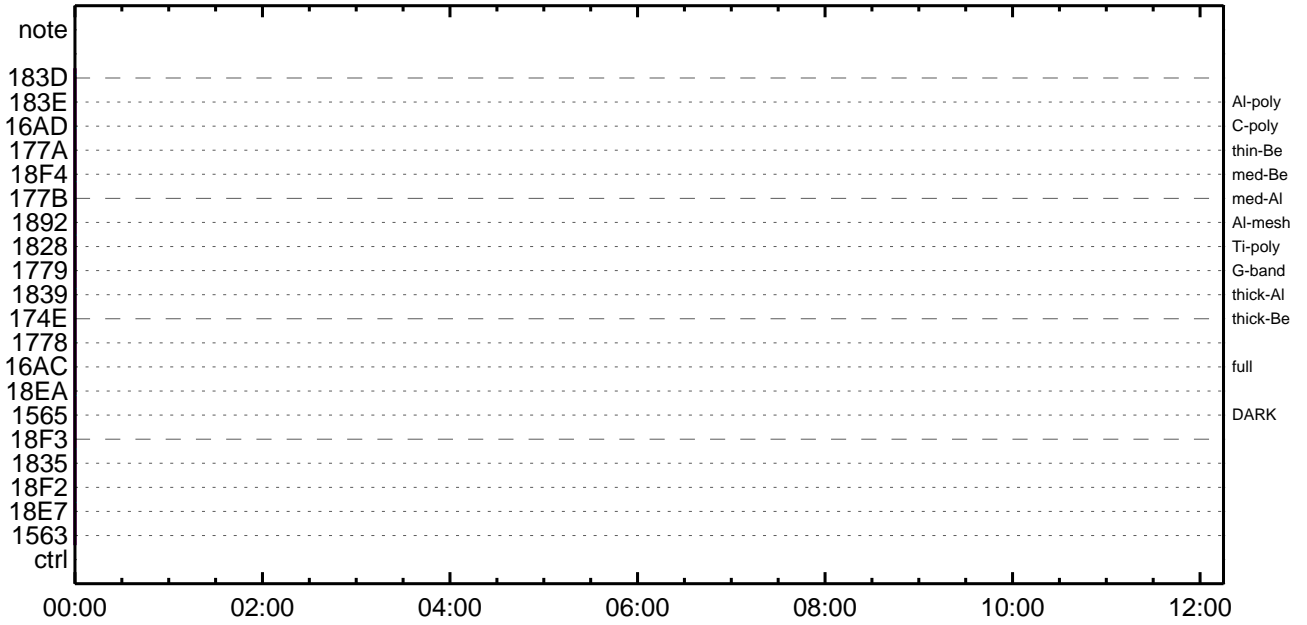
CMDI #0719 2012/07/11



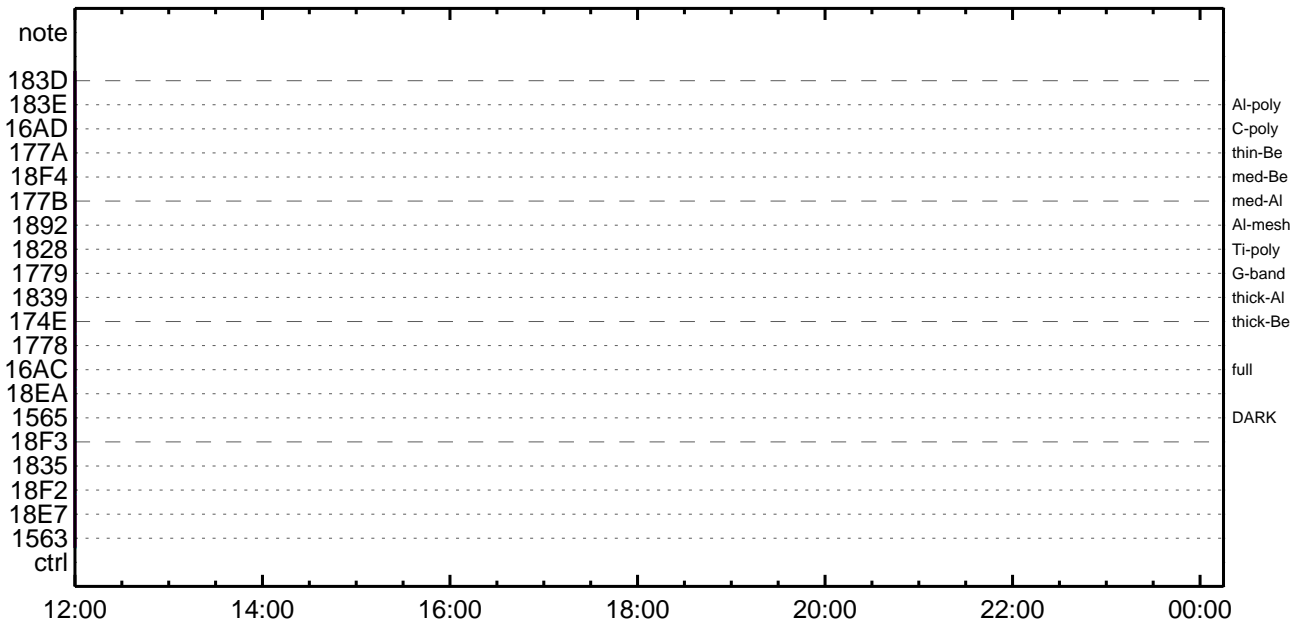
CMDI #0719 2012/07/11



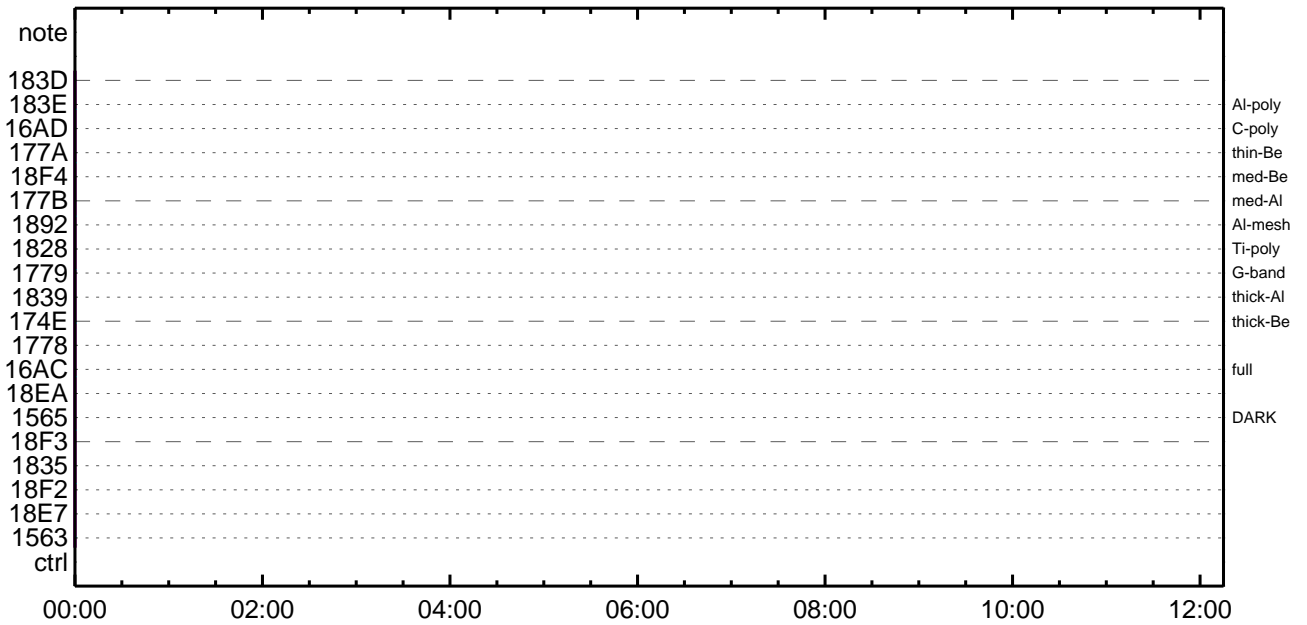
CMDI #0719 2012/07/12



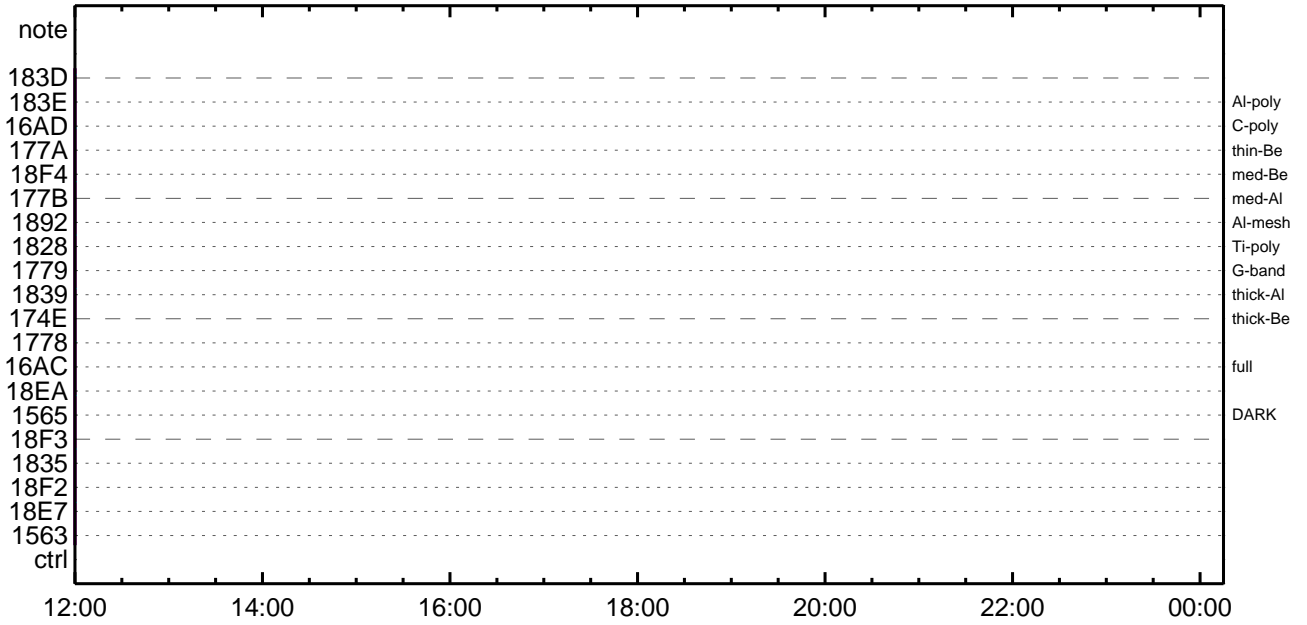
CMDI #0719 2012/07/12



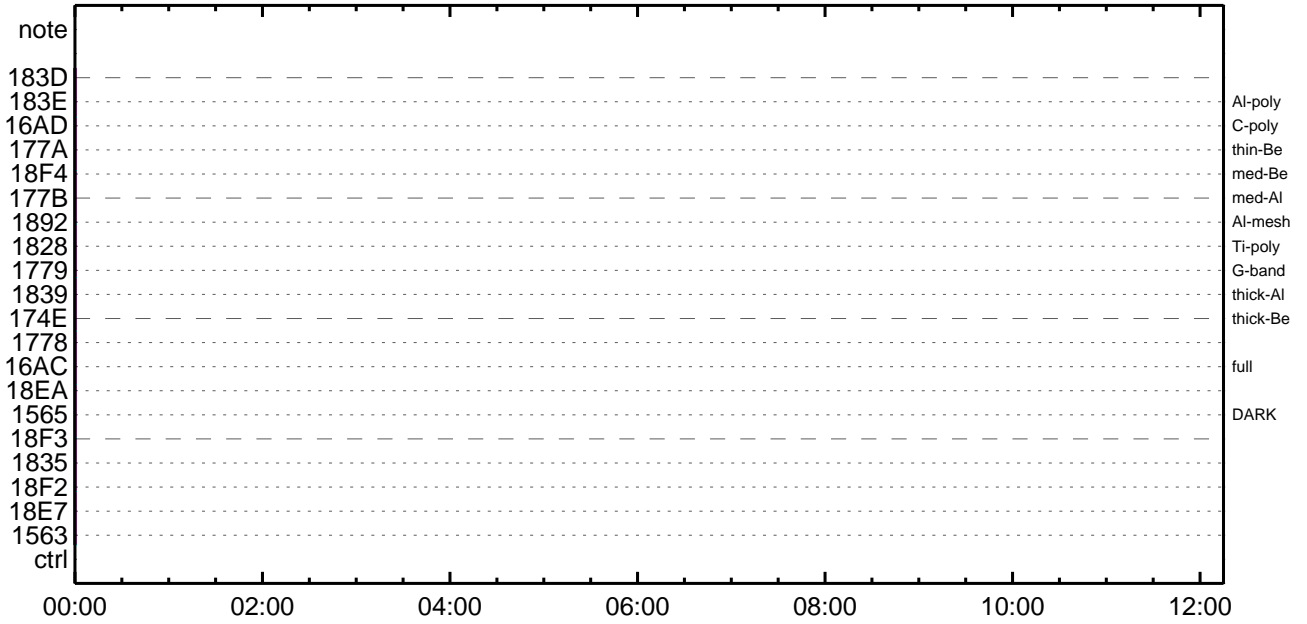
CMDI #0719 2012/07/13



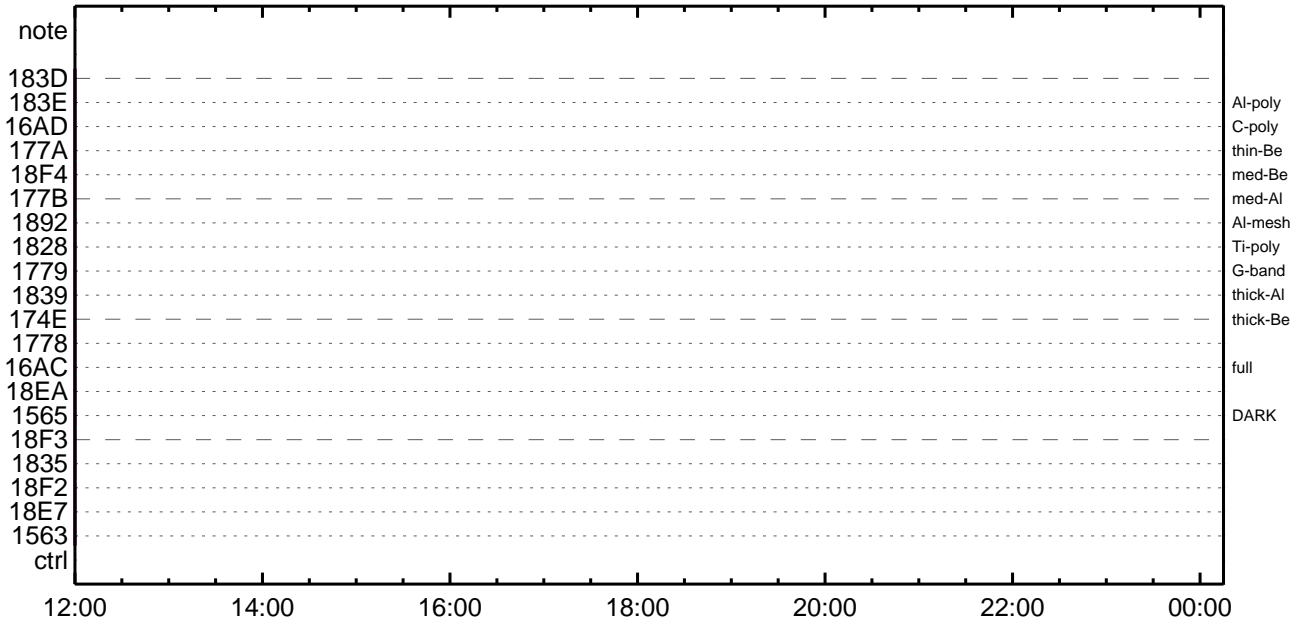
CMDI #0719 2012/07/13



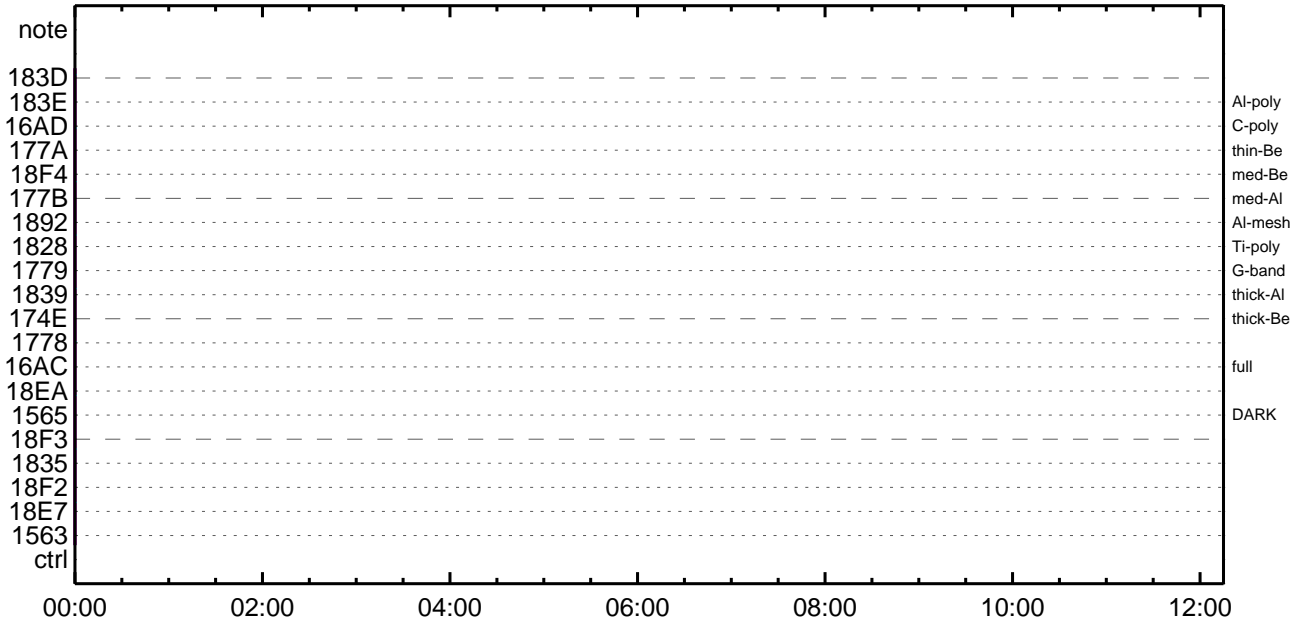
CMDI #0719 2012/07/14



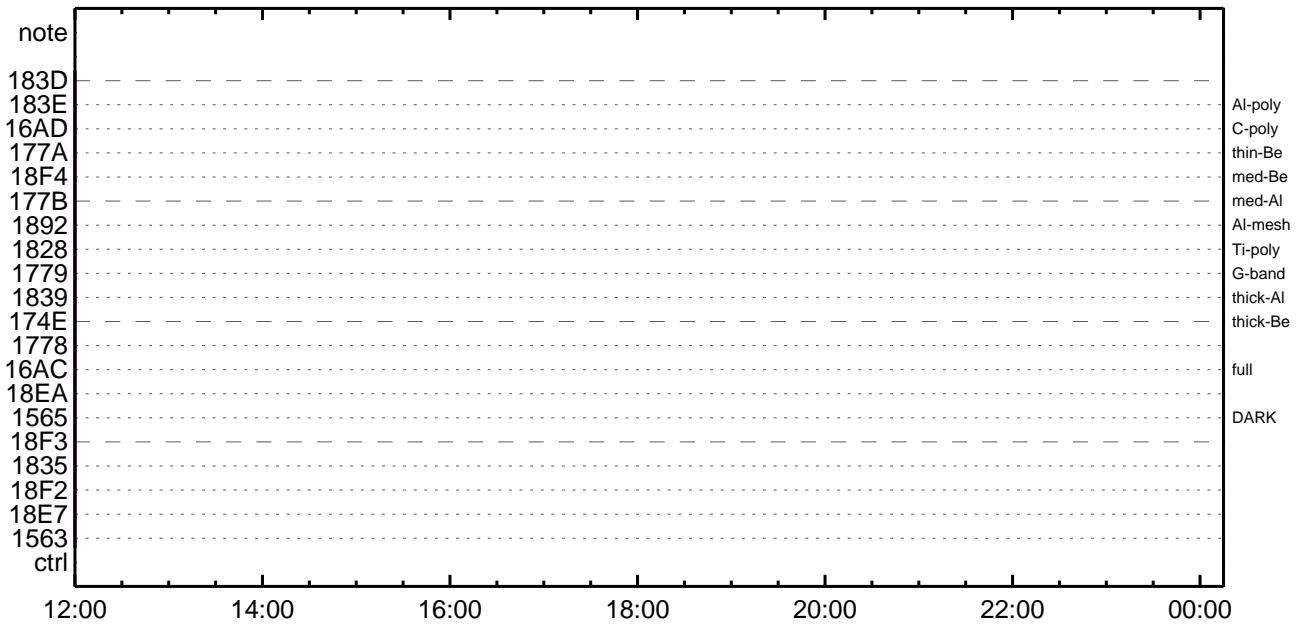
CMDI #0719 2012/07/14



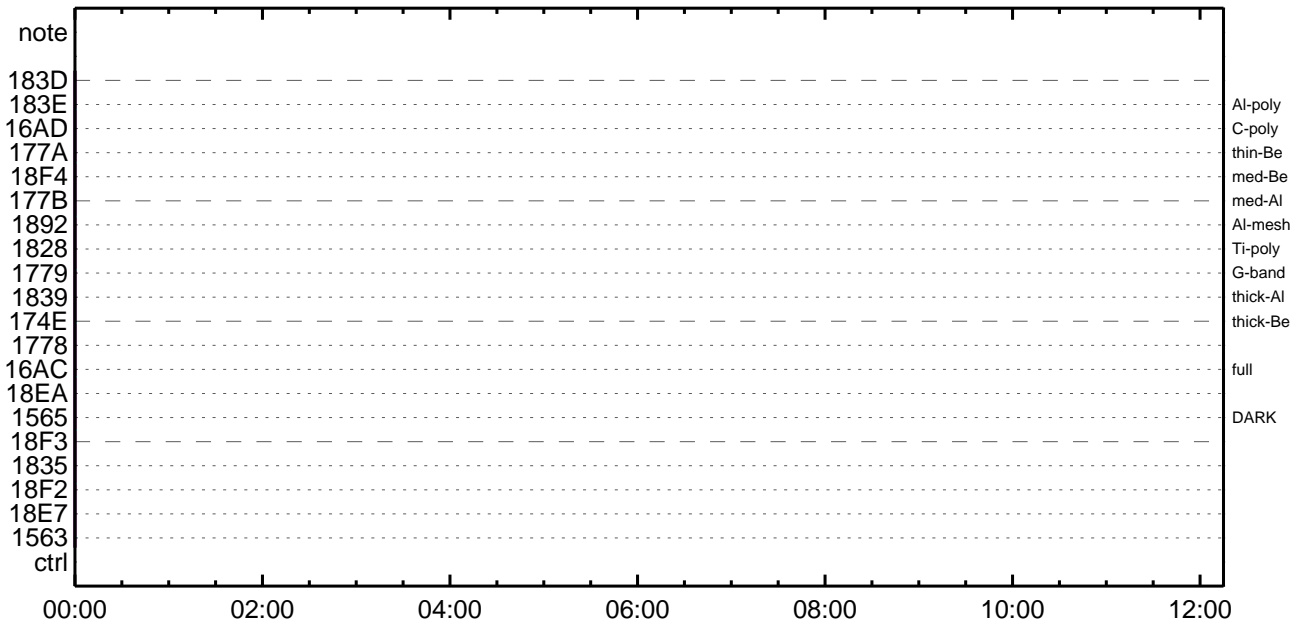
CMDI #0719 2012/07/15



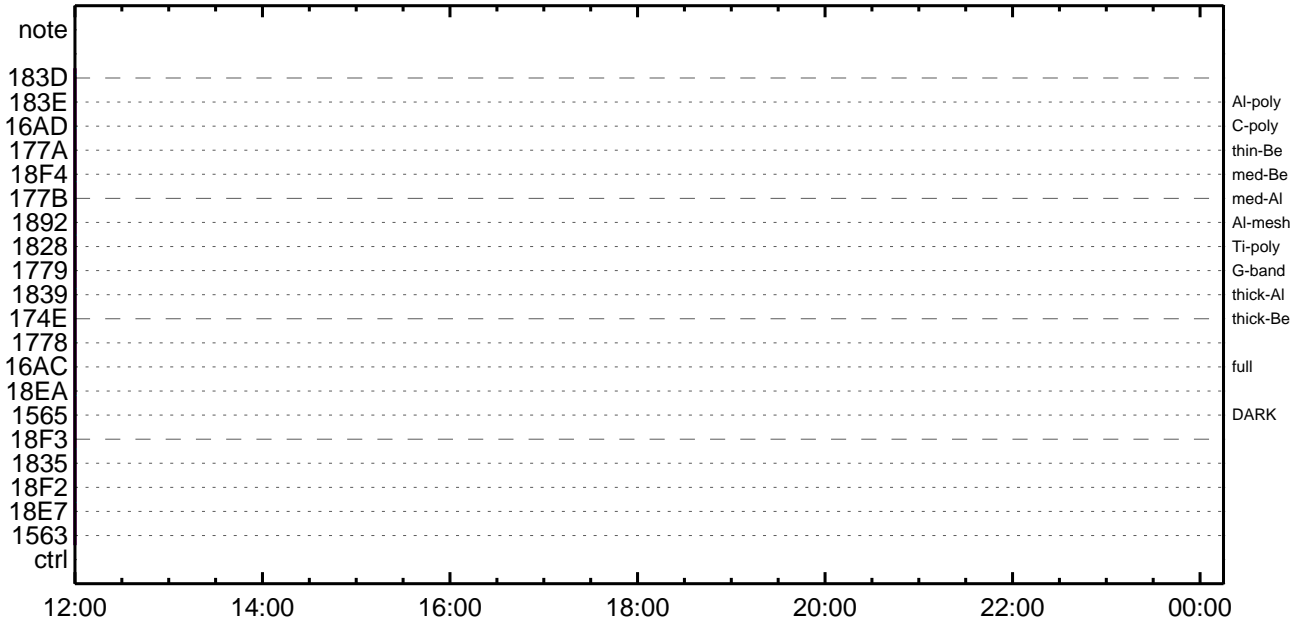
CMDI #0719 2012/07/15



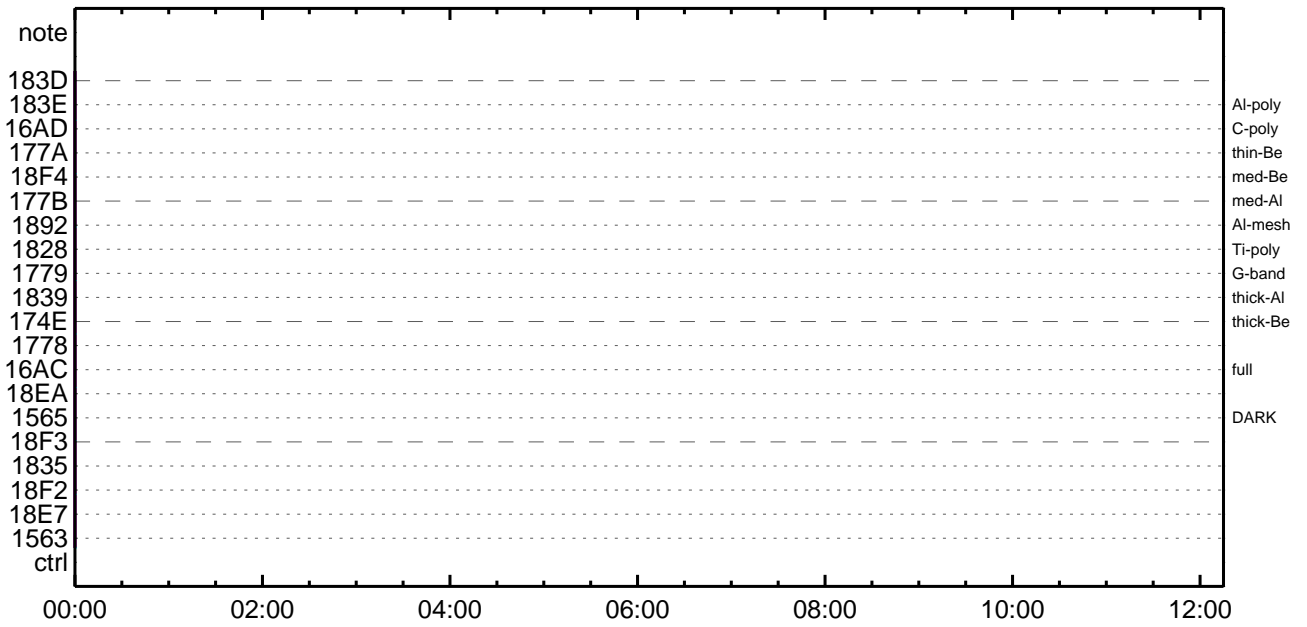
CMDI #0719 2012/07/16



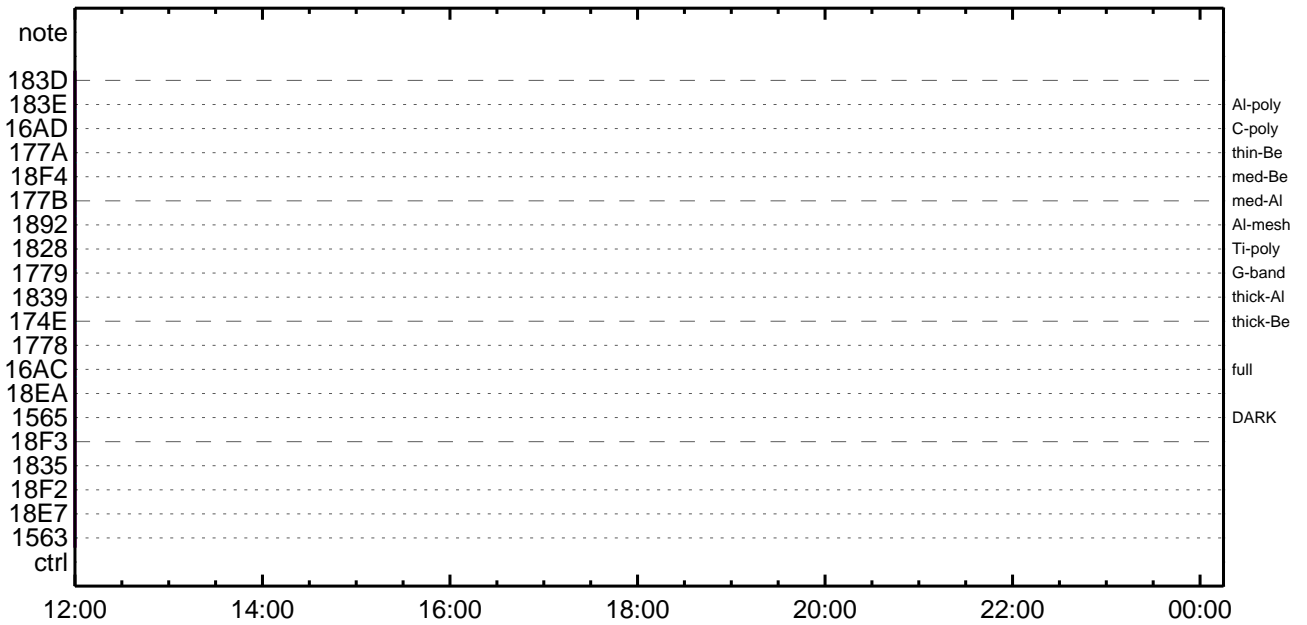
CMDI #0719 2012/07/16



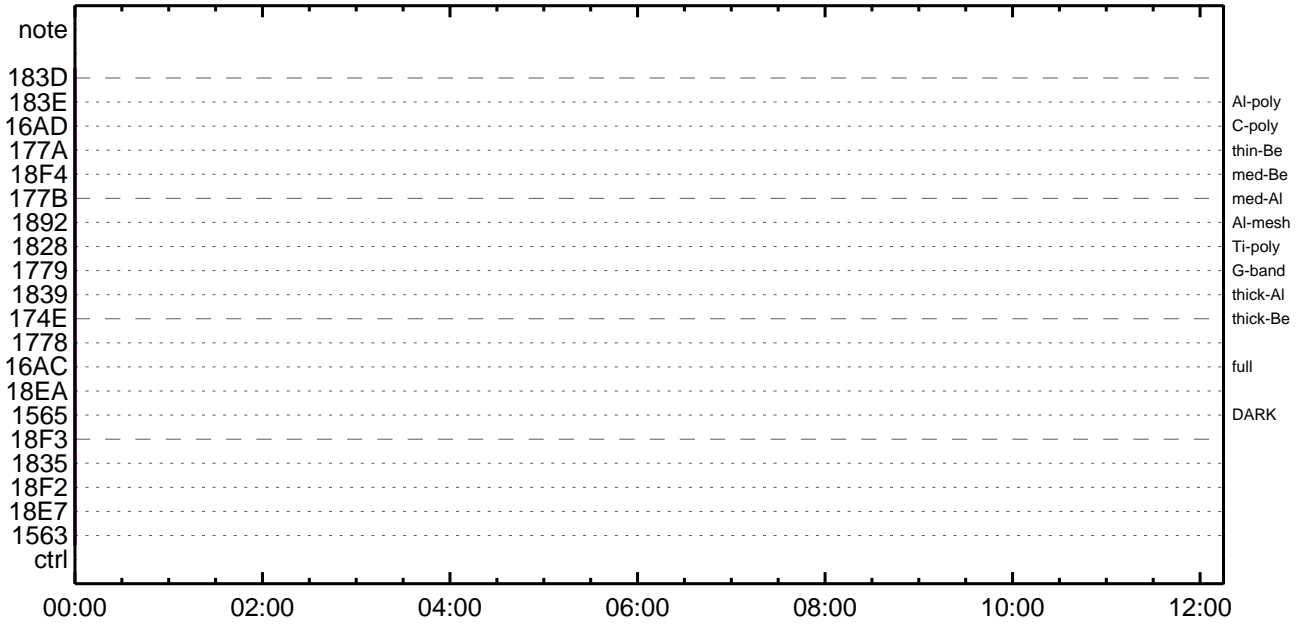
CMDI #0719 2012/07/17



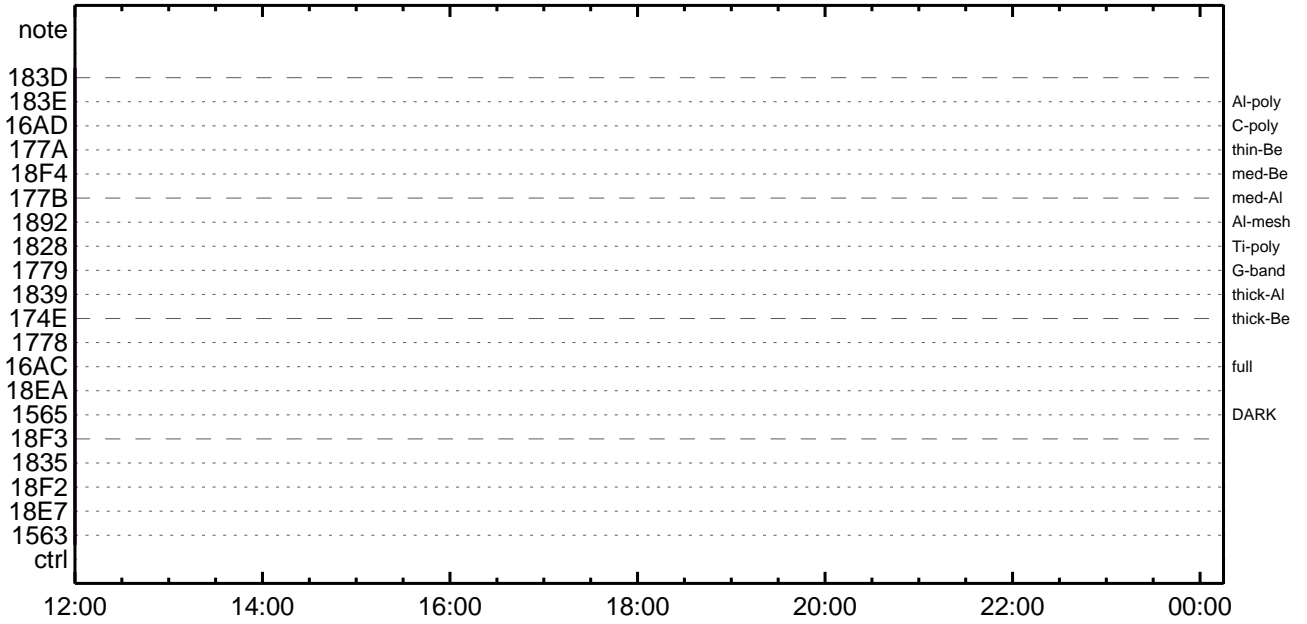
CMDI #0719 2012/07/17



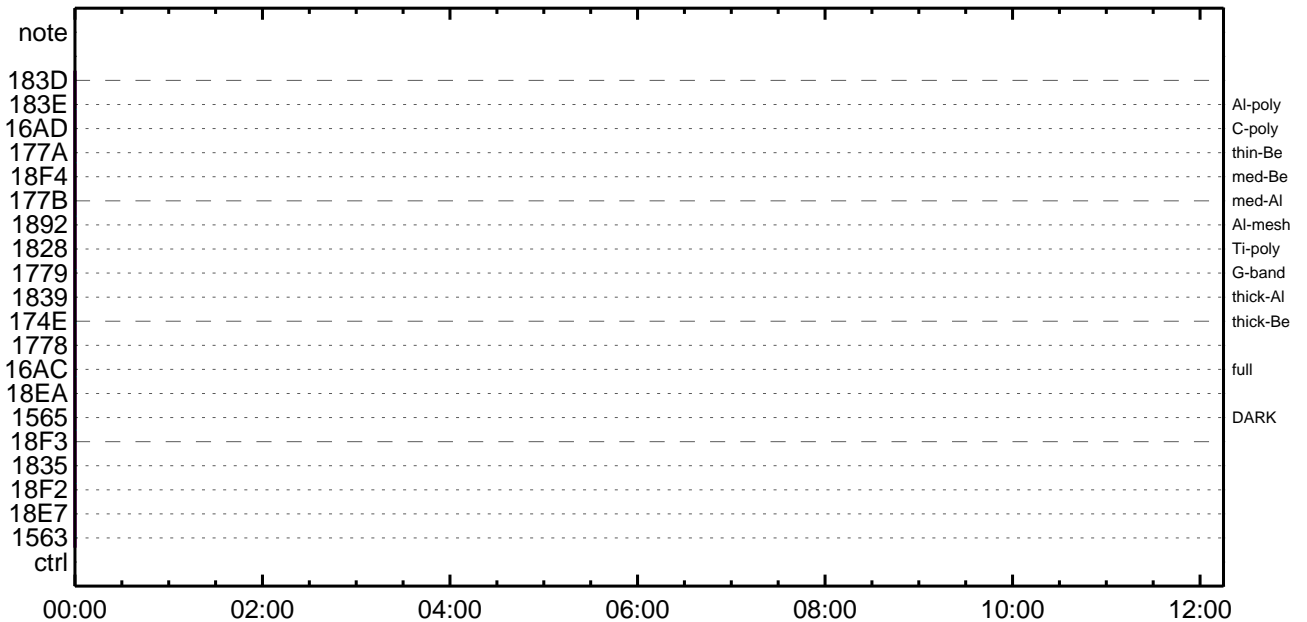
CMDI #0719 2012/07/18



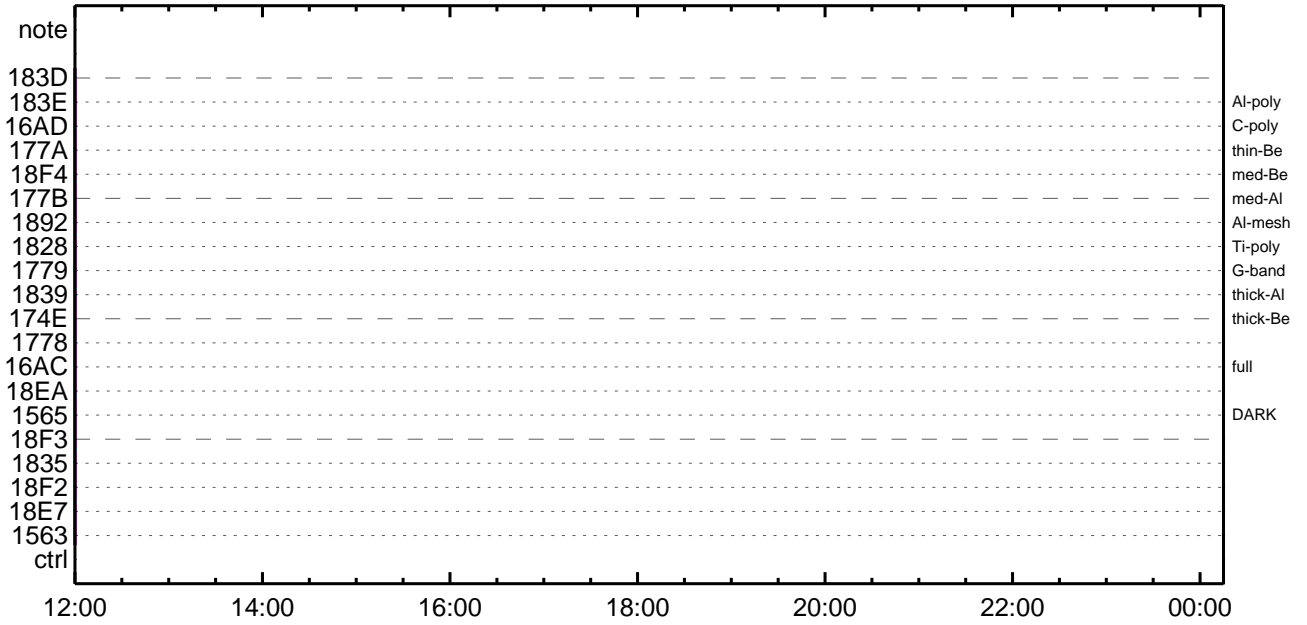
CMDI #0719 2012/07/18



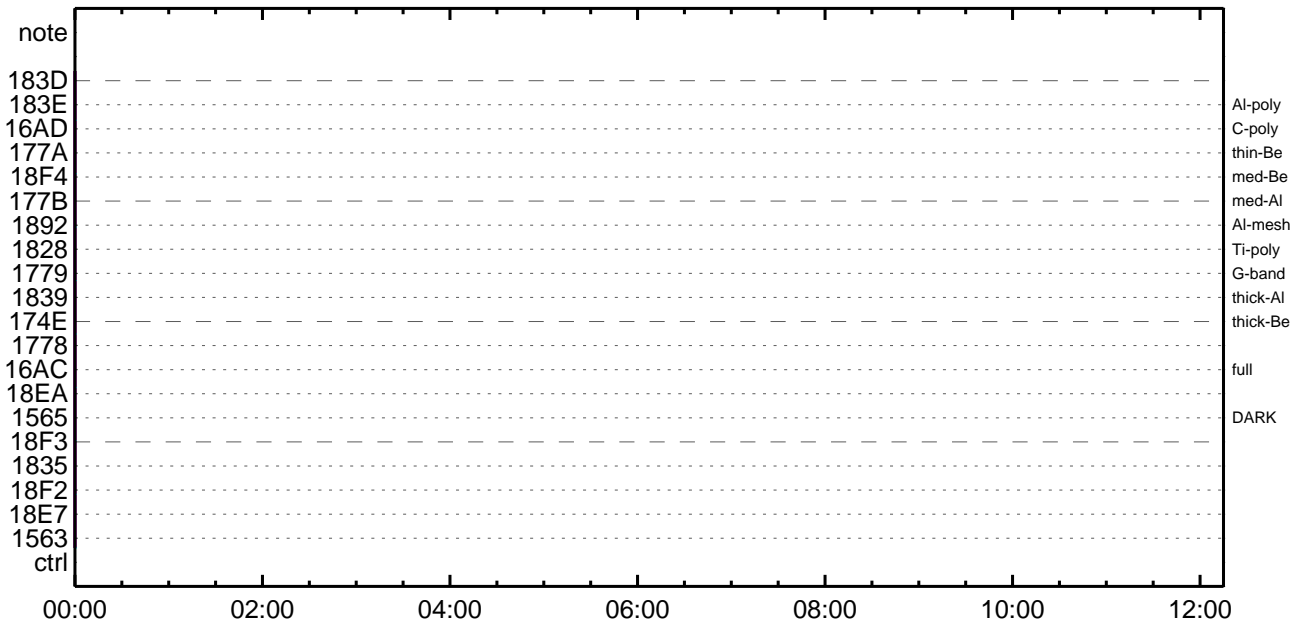
CMDI #0719 2012/07/19



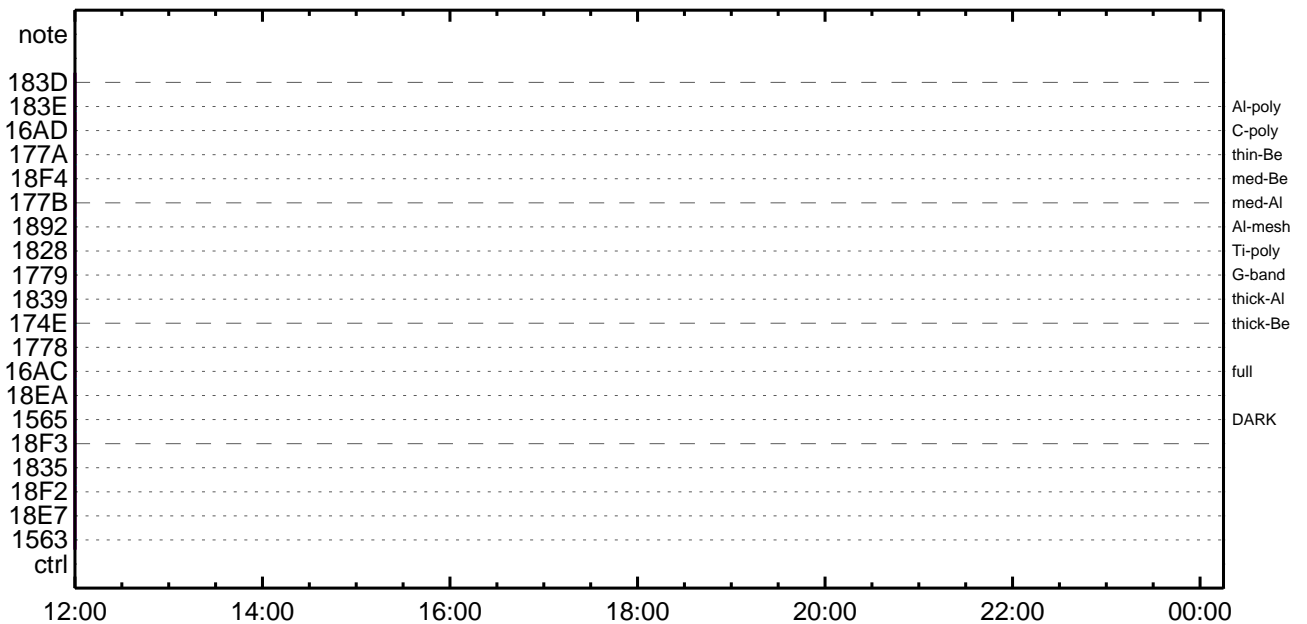
CMDI #0719 2012/07/19



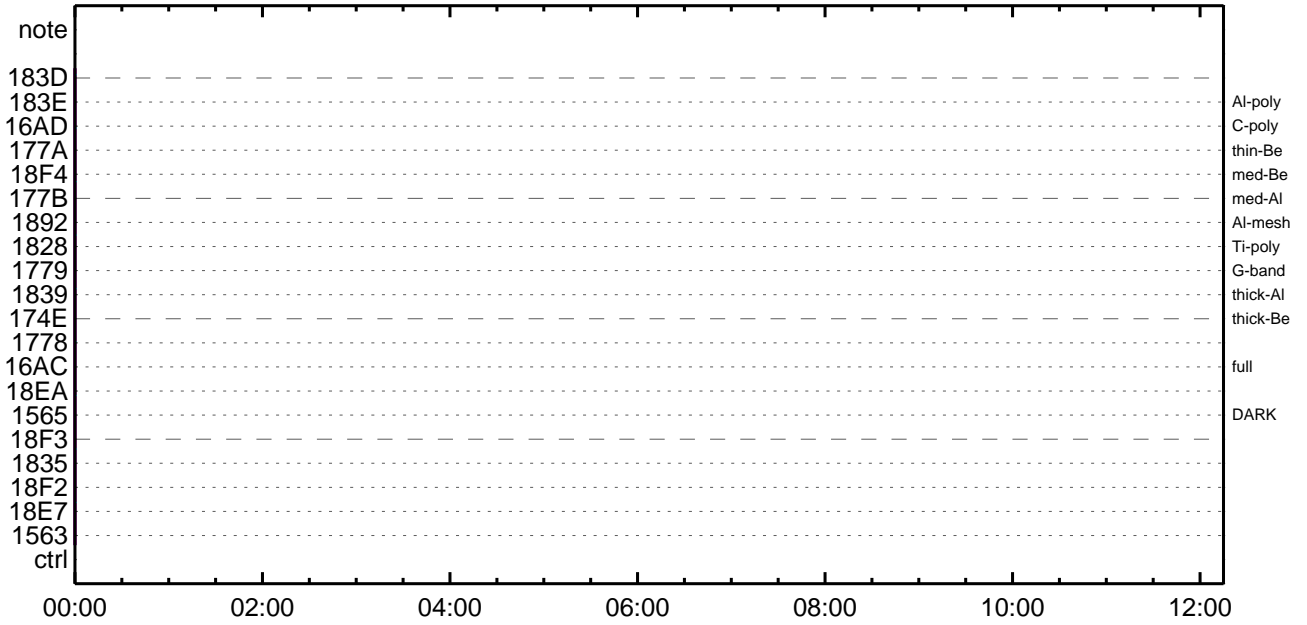
CMDI #0719 2012/07/20



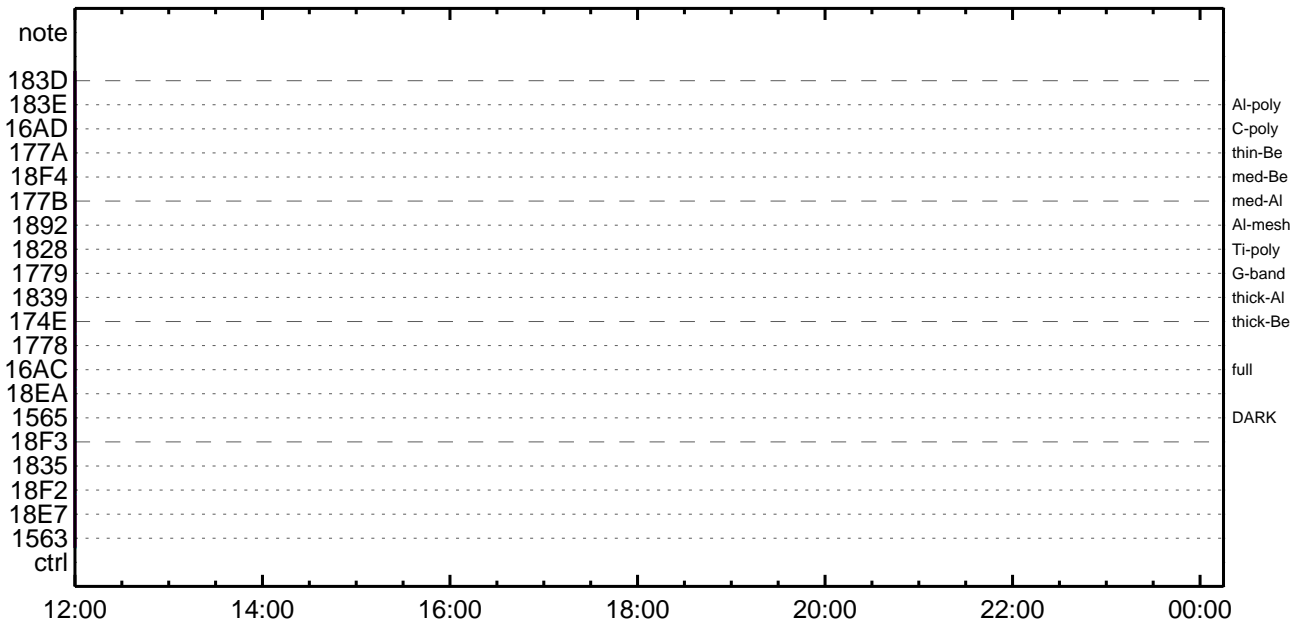
CMDI #0719 2012/07/20



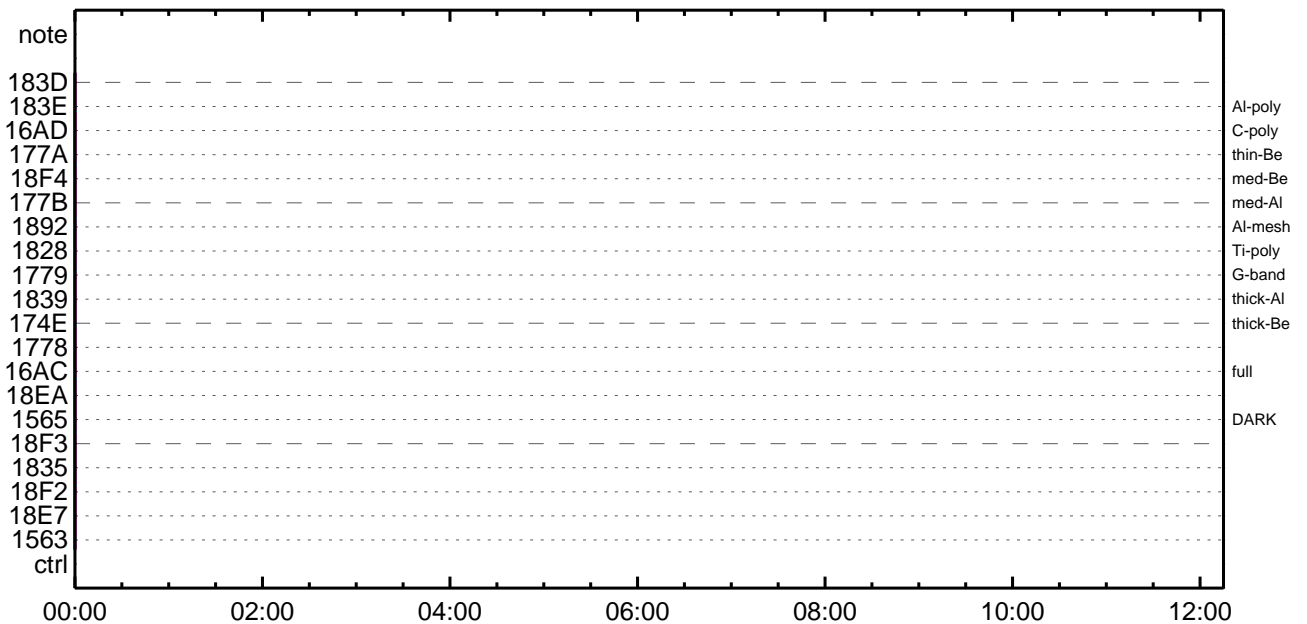
CMDI #0719 2012/07/21



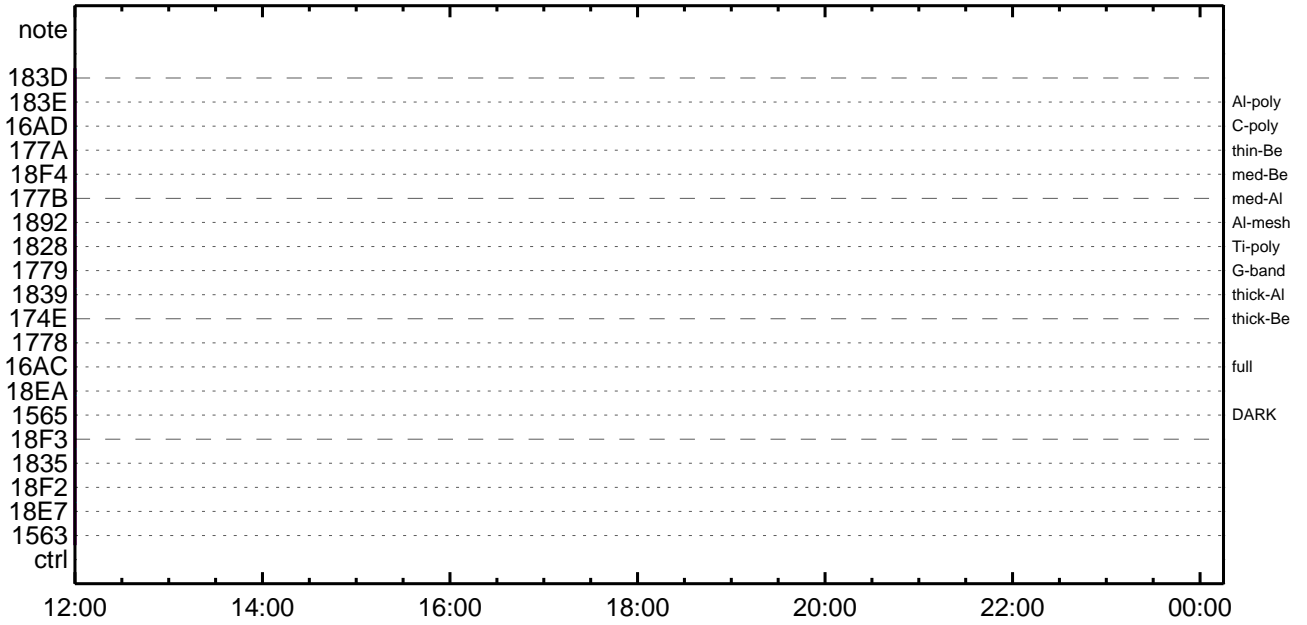
CMDI #0719 2012/07/21



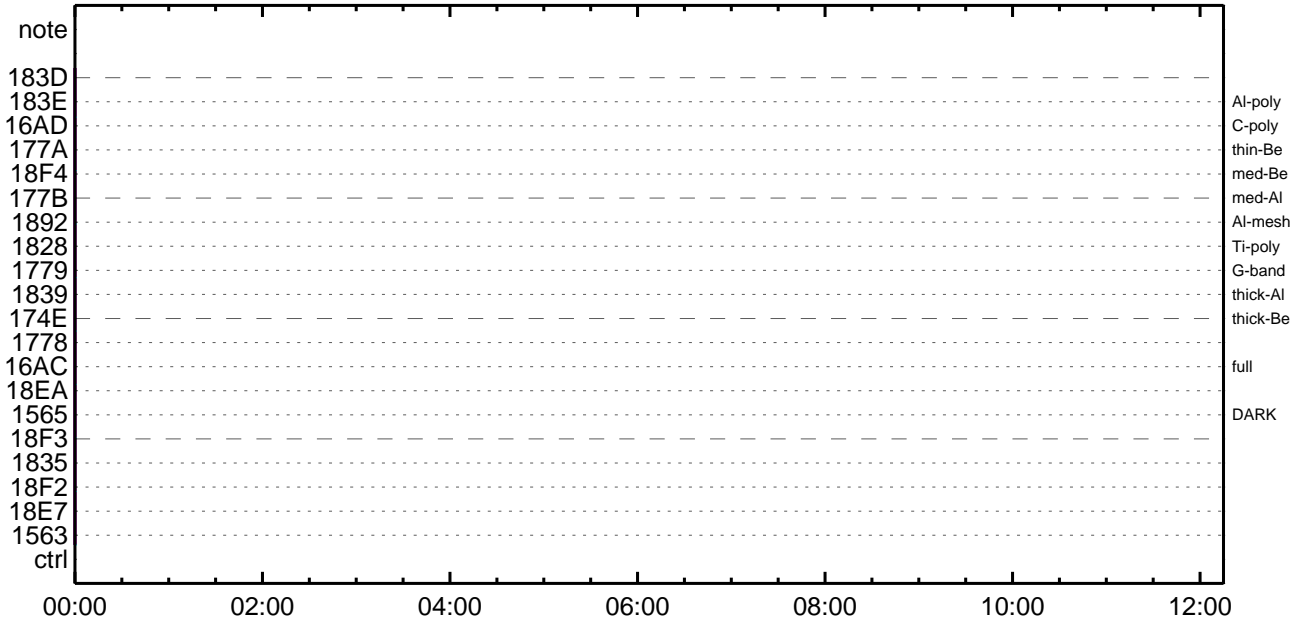
CMDI #0719 2012/07/22



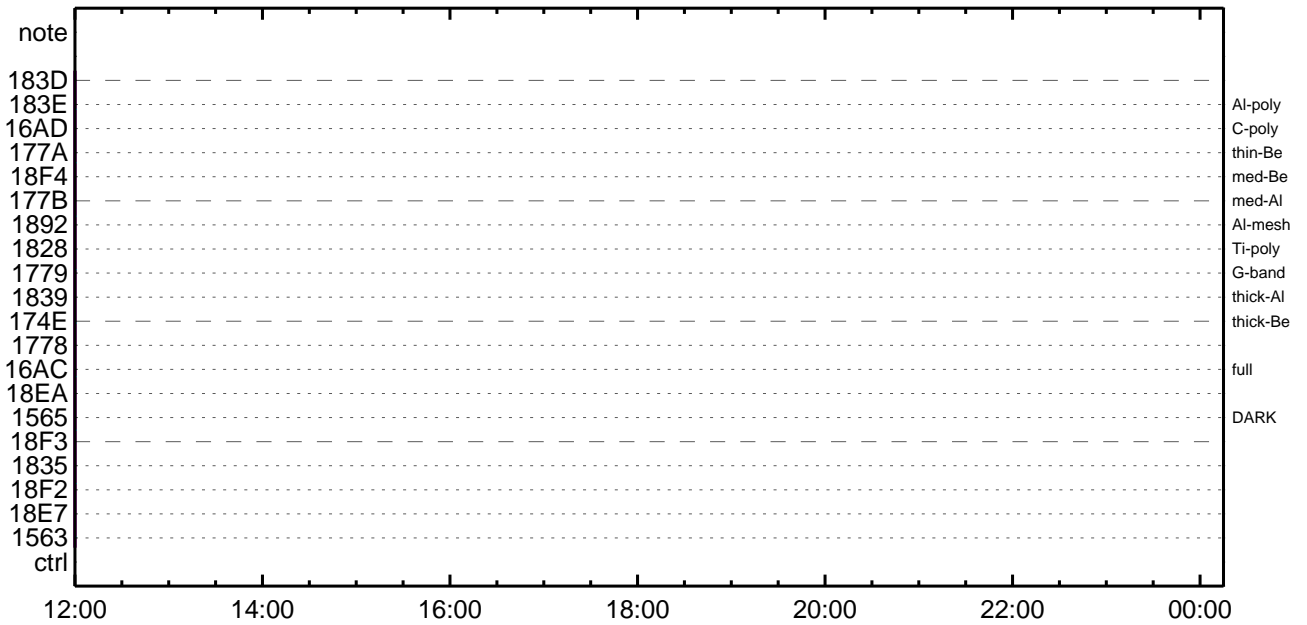
CMDI #0719 2012/07/22



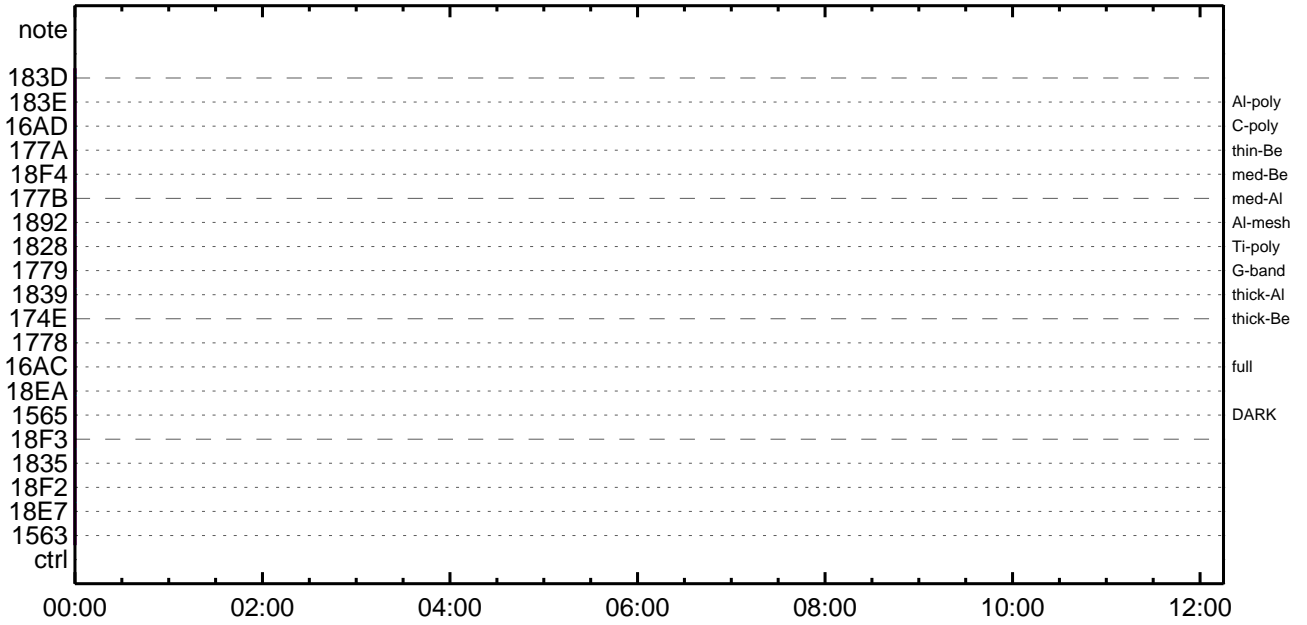
CMDI #0719 2012/07/23



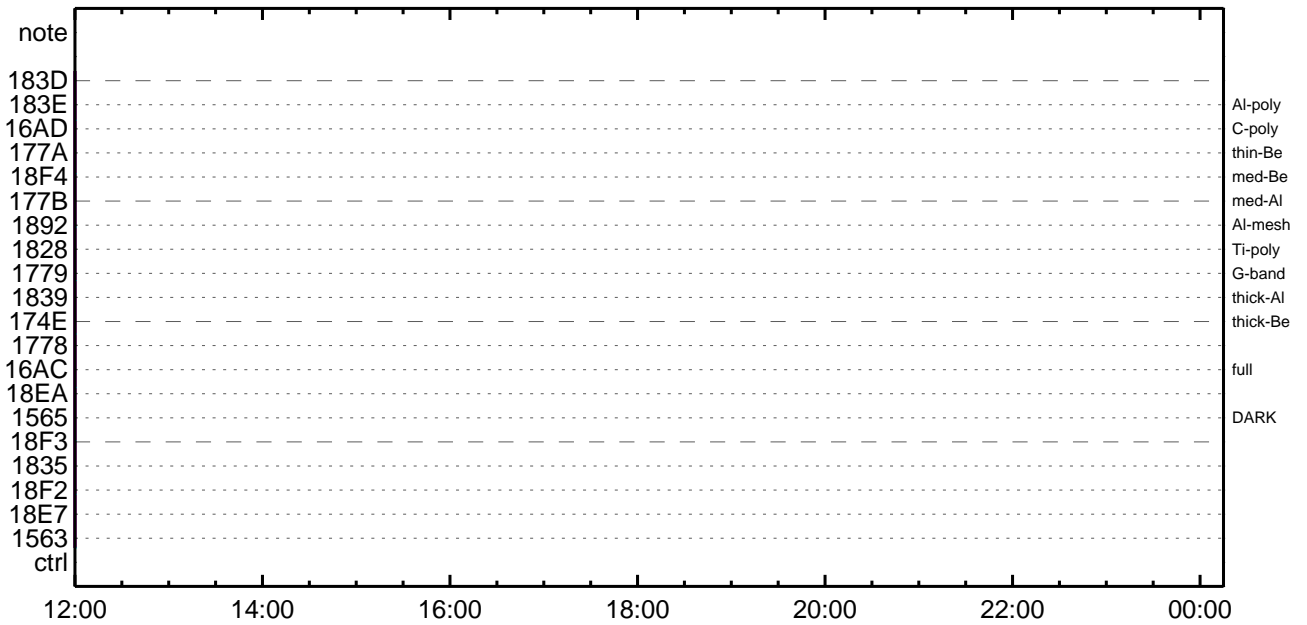
CMDI #0719 2012/07/23



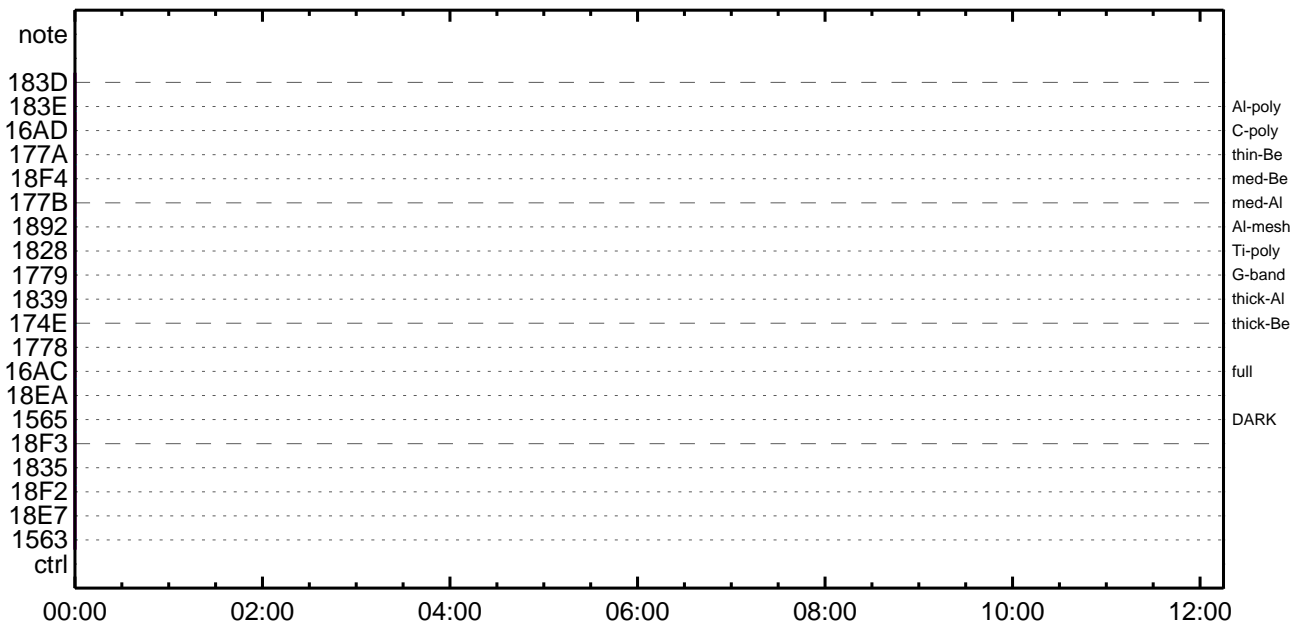
CMDI #0719 2012/07/24



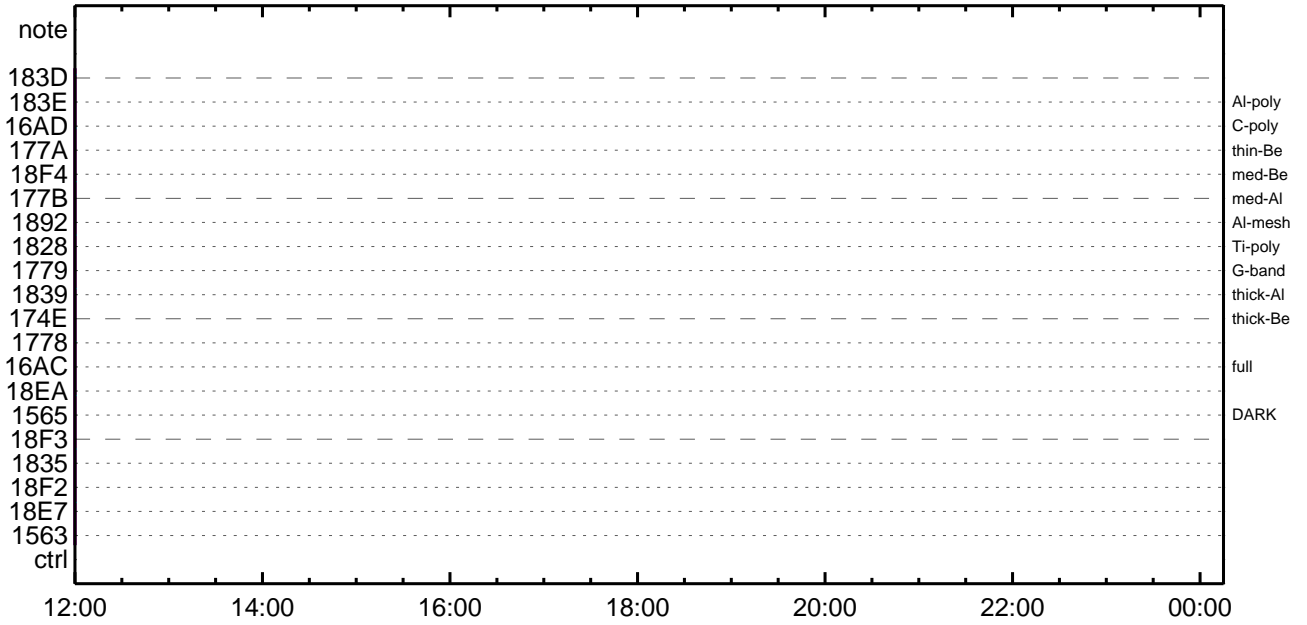
CMDI #0719 2012/07/24



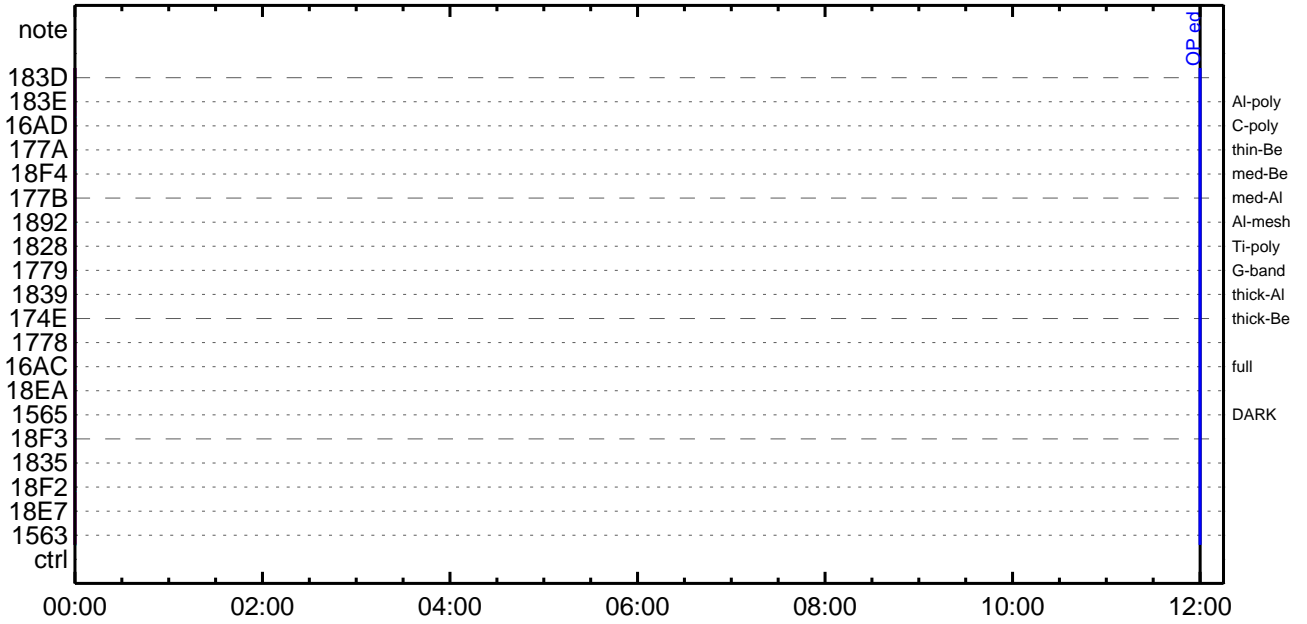
CMDI #0719 2012/07/25



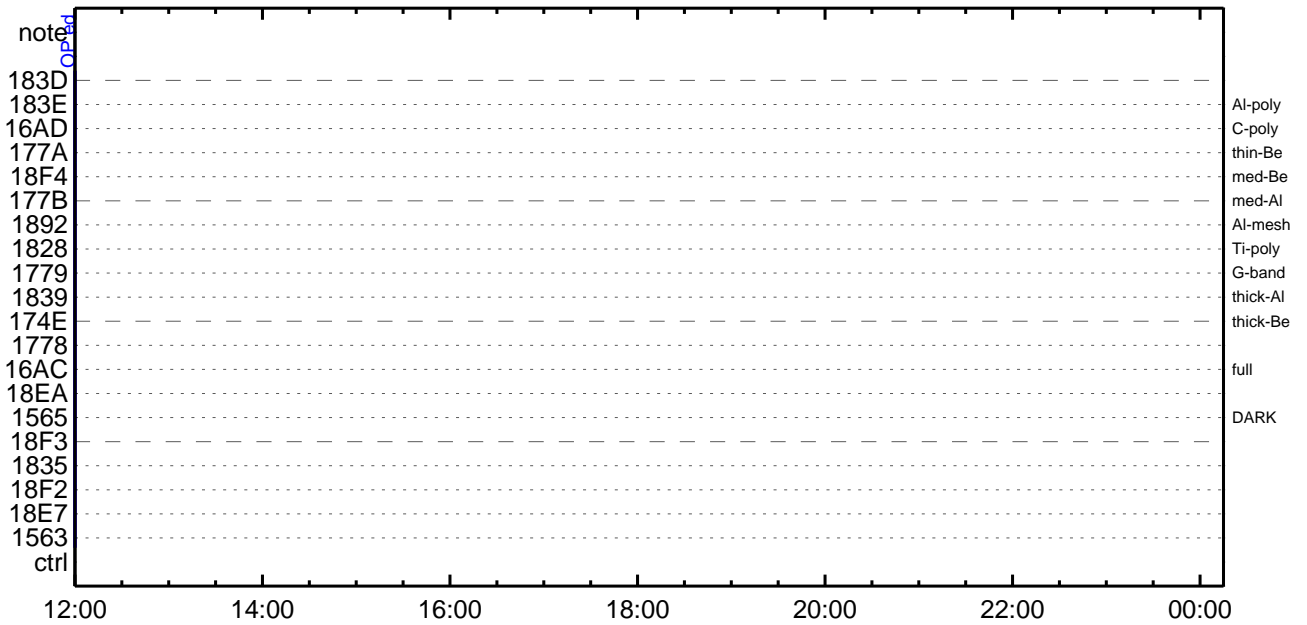
CMDI #0719 2012/07/25



CMDI #0719 2012/07/26



CMDI #0719 2012/07/26




```
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;ã
0203 C.
0204 . C. ***** LOS *****
0205 C.
```


(a) Spacecraft Operation Procedure (real-commands)

```
main-960 2012-06-21 13:21:59 132 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ä
0005 C.
0006 C. YÁYB;¼Y³YF¥ÖYÉÁ+¿®
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×ÁÇòíYçYÁY×Yí;¼YÉ;ÈÈè%µ•ííÉ;ÈòÈ¼°ÇÒò•ò¿¼í¹çòí;çÀ®, ùò¹òèòòòçÁ+¿®ò•òÈòòò³òÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. SOT table upload
0016 C. *****
0017 . C. < Stop FG table >
0018 +. DC 07-F0 MDP_FG_CTRL_MANU
0019 BC (51)
0020 . C. -----
0021 C. MDP_FG_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload FG Observation Table>
0025 . S. RAM ram-264:MDP_OBS_F
0026 ( )
0027 C.
0028 . C. < Dump RAMID=MDP_OBS_F >
0029 +. DC 07-F0 MDP_DUMP_FGTBL
0030 BC (82 07 00 00 00 38 b8)
0031 C. -----
0032 C. MDP_OBS_F verify = OK/NG [ ]
0033 C. -----
0034 C.
0035 C. *****
0036 C. SOT TI command set
0037 C. *****
0038 C. Execute, after the success of TBL upload.
0039 +. TI 2012-06-21 10:57:18.0
0040 DC 07-F0 MDP_SOT_MODE_OBSV
0041 BC (40)
0042 . C. -----
0043 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0044 C. -----
0045 C.
0046 C.
0047 C. ***** XRT START *****
0048 C.
0049 +. DC 07-F0 MDP_XRT_CTRL_MANU
0050 BC (c1)
0051 + DC 07-F0 MDP_XRT_MODE_STBY
0052 BC (c3)
0053 . C. ----- Success Verify ? OK / NG_____
0054 C.
0055 C. XRT Obs. Table Upload
0056 . S. RAM ram-291:MDP_OBS_X
0057 ( )
0058 C.
0059 +. DC 07-F0 MDP_DUMP_XRTTBL
0060 BC (84 07 00 00 00 3a d4)
0061 . C. ----- Comparison Check ? OK / ERR _____
0062 C.
0063 C.
0064 +. DC 07-F0 MDP_XRT_ROI_SET
0065 BC (cd 01 b1 b1 04 04)
0066 + DC 07-F0 MDP_XRT_ROI_SET
0067 BC (cd 02 b1 b1 08 08)
0068 + DC 07-F0 MDP_XRT_ROI_SET
0069 BC (cd 03 b1 b1 08 08)
0070 + DC 07-F0 MDP_XRT_ROI_SET
0071 BC (cd 04 b1 b1 06 06)
0072 + DC 07-F0 MDP_XRT_ROI_SET
0073 BC (cd 05 85 83 06 06)
0074 + DC 07-F0 MDP_XRT_ROI_SET
0075 BC (cd 06 85 83 06 06)
0076 + DC 07-F0 MDP_XRT_ROI_SET
0077 BC (cd 07 80 80 20 20)
0078 + DC 07-F0 MDP_XRT_ROI_SET
0079 BC (cd 08 80 80 20 08)
0080 + DC 07-F0 MDP_XRT_ROI_SET
0081 BC (cd 09 80 80 08 20)
0082 + DC 07-F0 MDP_XRT_ROI_SET
0083 BC (cd 0a 80 60 20 18)
0084 + DC 07-F0 MDP_XRT_ROI_SET
0085 BC (cd 0b a0 80 18 20)
0086 + DC 07-F0 MDP_XRT_ROI_SET
0087 BC (cd 0f 80 80 06 06)
0088 + DC 07-F0 MDP_XRT_ROI_SET
0089 BC (cd 10 80 80 08 08)
0090 + DC 07-F0 MDP_XRT_FLD_ENA
0091 BC (d8)
0092 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0093 BC (c8)
0094 + DC 07-F0 MDP_XRT_AEC_RESET
0095 BC (d0)
```

```

0096 + DC 07-F0 MDP_XRT_ARS_DIS
0097 BC      (d5)
0098 + DC 07-F0 MDP_XRT_FLD_RESET
0099 BC      (da)
0100 + DC 07-F0 MDP_XRT_QT_PROG_SET
0101 BC      (c4 14)
0102 + DC 07-F0 MDP_XRT_FL_PROG_SET
0103 BC      (c5 0d)
0104 . C. ----- Success Verify ?              OK / NG ____
0105 . C.
0106 . C.
0107 . C. All OK?   Yes--> Please Proceed. / No --> Stop here.
0108 . C.
0109 +. DC 07-F0 MDP_XRT_MODE_OBSV
0110 BC      (c2)
0111 +. TI 2012-06-21 10:57:02.0
0112 DC 07-F0 MDP_XRT_MODE_OBSV
0113 BC      (c2)
0114 . C. ----- Success Verify ?              OK / NG ____
0115 . C.
0116 . C. ***** XRT END *****
0117 . C.
0118 . C. ***** MDP `uAi`i»ö¼YoEÄD«¹«èDCBC•x²è *****
0119 . C. (%â°İYÔYĀYÈYÞYËYĀYŸYë«E¼¼«¼Ā»Ü«¹«è)
0120 . S. DC-BC dcbc-402:DCBC
0121 (MDP_known_event)
0122 . C.
0123 . C.
0124 . C. ***** YDY!•İ Daily±;îN«E'Ø«¹«èDCBC•x²è *****
0125 . S. DC-BC dcbc-153:DCBC
0126 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0127 . C.
0128 . C.
0129 . C. ;ãLOSŸĀYŞYĀY~¼Ā»Û;ã
0130 . C.
0131 . C. ***** LOS *****
0132 . C.

```

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*** OP Sequence for XRT ***

```

2012/06/21 11:07:54.0 XRT_CTRL_MANU_439_OG [0x1b7]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2012/06/21 11:08:00.0 AOCs_OrE-point_Start_1_OG [0x097]
                        AOCU_NM 5 02-76 01 00 00 00 00
2012/06/21 11:10:26.0 XRT_FOCUS_POSITION_409_OG [0x199]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2012/06/21 11:10:46.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2012/06/21 11:10:48.0 XRT_FLRCTRL_ENA_413_OG [0x19d]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2012/06/21 11:10:50.0 XRT_AEC_RESET_443_OG [0x1bb]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2012/06/21 11:10:52.0 XRT_ARS_DIS_431_OG [0x1af]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2012/06/21 11:10:54.0 XRT_FLD_RESET_412_OG [0x19c]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2012/06/21 11:10:56.0 XRT_QT_PROG_SET_445_OG [0x1bd]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 14
2012/06/21 11:10:58.0 XRT_FL_PROG_SET_449_OG [0x1c1]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 0d
2012/06/21 11:11:00.0 XRT_CTRL_AUTO_406_OG [0x196]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2012/06/21 12:17:00.0 XRT_CTRL_MANU_408_OG [0x198]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2012/06/21 12:17:02.0 XRT_FLD_RESET_412_OG [0x19c]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2012/06/21 12:17:04.0 XRT_PREFLR_STRT_422_OG [0x1a6]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2012/06/21 12:20:14.0 XRT_PREFLR_STOP_424_OG [0x1a8]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2012/06/21 12:47:30.0 XRT_Custom_418_OG [0x1a2]
2012/06/21 12:48:30.0 XRT_CTRL_AUTO_419_OG [0x1a3]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2012/06/21 13:55:30.0 XRT_CTRL_MANU_408_OG [0x198]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2012/06/21 13:55:32.0 XRT_FLD_RESET_412_OG [0x19c]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2012/06/21 13:55:34.0 XRT_PREFLR_STRT_422_OG [0x1a6]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2012/06/21 13:58:44.0 XRT_PREFLR_STOP_424_OG [0x1a8]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2012/06/21 13:59:54.0 XRT_CTRL_MANU_439_OG [0x1b7]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2012/06/21 14:00:00.0 AOCs_OrE-point_Start_2_OG [0x098]
                        AOCU_NM 5 02-76 00 1c 31 b1 27
2012/06/21 14:02:26.0 XRT_FOCUS_POSITION_409_OG [0x199]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2012/06/21 14:02:46.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2012/06/21 14:02:48.0 XRT_FLRCTRL_ENA_413_OG [0x19d]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2012/06/21 14:02:50.0 XRT_AEC_RESET_443_OG [0x1bb]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2012/06/21 14:02:52.0 XRT_ARS_DIS_431_OG [0x1af]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2012/06/21 14:02:54.0 XRT_FLD_RESET_412_OG [0x19c]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2012/06/21 14:02:56.0 XRT_QT_PROG_SET_445_OG [0x1bd]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 14
2012/06/21 14:02:58.0 XRT_FL_PROG_SET_449_OG [0x1c1]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 0d
2012/06/21 14:32:30.5 XRT_Custom_418_OG [0x1a2]
2012/06/21 14:33:30.5 XRT_CTRL_AUTO_419_OG [0x1a3]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2012/06/21 15:34:00.0 XRT_CTRL_MANU_408_OG [0x198]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2012/06/21 15:34:02.0 XRT_FLD_RESET_412_OG [0x19c]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2012/06/21 15:34:04.0 XRT_PREFLR_STRT_422_OG [0x1a6]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2012/06/21 15:37:14.0 XRT_PREFLR_STOP_424_OG [0x1a8]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2012/06/21 16:21:00.0 XRT_Custom_418_OG [0x1a2]
2012/06/21 16:22:00.0 XRT_CTRL_AUTO_419_OG [0x1a3]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2012/06/21 17:12:30.0 XRT_CTRL_MANU_408_OG [0x198]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2012/06/21 17:12:32.0 XRT_FLD_RESET_412_OG [0x19c]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2012/06/21 17:12:34.0 XRT_PREFLR_STRT_422_OG [0x1a6]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2012/06/21 17:15:44.0 XRT_PREFLR_STOP_424_OG [0x1a8]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2012/06/21 17:58:00.0 XRT_Custom_418_OG [0x1a2]
2012/06/21 17:59:00.0 XRT_CTRL_AUTO_419_OG [0x1a3]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2012/06/21 17:59:54.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2012/06/21 17:59:56.0 XRT_FOCUS_POSITION_401_OG [0x191]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2012/06/21 18:00:00.0 AOCs_OrE-point_Start_3_OG [0x099]

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2012/06/21	18:00:16.0	XRT_FLD_DIS_402_OG [0x192]	AOCU_NM	5	02-76	00	00	00	00	00
		MDP_XRT_FLD_DIS		1	07-F0	d9				
2012/06/21	18:00:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]		1	07-F0	c9				
		MDP_XRT_FLRCTRL_DIS		1	07-F0	c9				
2012/06/21	18:00:20.0	XRT_ARS_DIS_438_OG [0x1b6]		1	07-F0	d5				
		MDP_XRT_ARS_DIS		1	07-F0	d5				
2012/06/21	18:02:58.0	XRT_QT_PROG_SET_423_OG [0x1a7]		2	07-F0	c4	07			
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	07			
2012/06/21	18:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2012/06/21	18:09:54.0	XRT_CTRL_MANU_439_OG [0x1b7]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2012/06/21	18:10:00.0	AOCs_OrE-point_Start_2_OG [0x098]		5	02-76	00	1c	31	b1	27
		AOCU_NM		5	02-76	00	1c	31	b1	27
2012/06/21	18:12:26.0	XRT_FOCUS_POSITION_409_OG [0x199]		4	07-F8	22	fe	97	00	
		XRT_FOCUS_POSITION		4	07-F8	22	fe	97	00	
2012/06/21	18:12:46.0	XRT_FLD_ENA_411_OG [0x19b]		1	07-F0	d8				
		MDP_XRT_FLD_ENA		1	07-F0	d8				
2012/06/21	18:12:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]		1	07-F0	c8				
		MDP_XRT_FLRCTRL_ENA		1	07-F0	c8				
2012/06/21	18:12:50.0	XRT_AEC_RESET_443_OG [0x1bb]		1	07-F0	d0				
		MDP_XRT_AEC_RESET		1	07-F0	d0				
2012/06/21	18:12:52.0	XRT_ARS_DIS_431_OG [0x1af]		1	07-F0	d5				
		MDP_XRT_ARS_DIS		1	07-F0	d5				
2012/06/21	18:12:54.0	XRT_FLD_RESET_412_OG [0x19c]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2012/06/21	18:12:56.0	XRT_QT_PROG_SET_445_OG [0x1bd]		2	07-F0	c4	14			
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	14			
2012/06/21	18:12:58.0	XRT_FL_PROG_SET_449_OG [0x1c1]		2	07-F0	c5	0d			
		MDP_XRT_FL_PROG_SET		2	07-F0	c5	0d			
2012/06/21	18:13:00.0	XRT_CTRL_AUTO_406_OG [0x196]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2012/06/21	18:51:00.0	XRT_CTRL_MANU_408_OG [0x198]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2012/06/21	18:51:02.0	XRT_FLD_RESET_412_OG [0x19c]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2012/06/21	18:51:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2012/06/21	18:54:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2012/06/21	19:35:00.0	XRT_Custom_418_OG [0x1a2]								
2012/06/21	19:36:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2012/06/21	20:29:30.0	XRT_CTRL_MANU_408_OG [0x198]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2012/06/21	20:29:32.0	XRT_FLD_RESET_412_OG [0x19c]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2012/06/21	20:29:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2012/06/21	20:32:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2012/06/21	21:12:00.0	XRT_Custom_418_OG [0x1a2]								
2012/06/21	21:13:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2012/06/21	22:08:00.0	XRT_CTRL_MANU_408_OG [0x198]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2012/06/21	22:08:02.0	XRT_FLD_RESET_412_OG [0x19c]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2012/06/21	22:08:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2012/06/21	22:11:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2012/06/21	22:47:30.0	XRT_Custom_418_OG [0x1a2]								
2012/06/21	22:48:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2012/06/21	23:46:30.0	XRT_CTRL_MANU_408_OG [0x198]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2012/06/21	23:46:32.0	XRT_FLD_RESET_412_OG [0x19c]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2012/06/21	23:46:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2012/06/21	23:49:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2012/06/22	00:17:00.0	XRT_Custom_418_OG [0x1a2]								
2012/06/22	00:18:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2012/06/22	01:25:00.0	XRT_CTRL_MANU_408_OG [0x198]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2012/06/22	01:25:02.0	XRT_FLD_RESET_412_OG [0x19c]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2012/06/22	01:25:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2012/06/22	01:28:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2012/06/22	01:55:30.0	XRT_Custom_418_OG [0x1a2]								
2012/06/22	01:56:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2012/06/22	03:02:30.0	XRT_CTRL_MANU_408_OG [0x198]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2012/06/22	03:02:32.0	XRT_FLD_RESET_412_OG [0x19c]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2012/06/22	03:02:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]								

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2012/06/22	03:05:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/06/22	03:34:00.0	XRT_Custom_418_OG [0x1a2]					
2012/06/22	03:35:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/06/22	04:32:30.0	XRT_CTRL_MANU_408_OG [0x198]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/06/22	04:32:32.0	XRT_FLD_RESET_412_OG [0x19c]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2012/06/22	04:32:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/06/22	04:35:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/06/22	05:12:30.0	XRT_Custom_418_OG [0x1a2]					
2012/06/22	05:13:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/06/22	05:44:54.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/06/22	05:44:56.0	XRT_FOCUS_POSITION_401_OG [0x191]					
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2012/06/22	05:45:00.0	AOCS_OrE-point_Start_3_OG [0x099]					
			AOCU_NM	5	02-76	00 00 00 00 00	
2012/06/22	05:45:16.0	XRT_FLD_DIS_402_OG [0x192]					
			MDP_XRT_FLD_DIS	1	07-F0	d9	
2012/06/22	05:45:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]					
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2012/06/22	05:45:20.0	XRT_ARS_DIS_438_OG [0x1b6]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2012/06/22	05:47:58.0	XRT_QT_PROG_SET_423_OG [0x1a7]					
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 07	
2012/06/22	05:48:00.0	XRT_CTRL_AUTO_406_OG [0x196]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/06/22	06:13:00.0	XRT_CTRL_MANU_408_OG [0x198]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/06/22	06:13:02.0	XRT_FLD_RESET_412_OG [0x19c]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2012/06/22	06:13:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/06/22	06:16:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/06/22	07:53:00.0	XRT_CTRL_MANU_408_OG [0x198]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/06/22	07:53:02.0	XRT_FLD_RESET_412_OG [0x19c]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2012/06/22	07:53:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/06/22	07:56:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/06/22	08:00:00.0	AOCS_OrE-point_Start_4_OG [0x09a]					
			AOCU_NM	5	02-76	04 00 00 00 00	
2012/06/22	09:33:00.0	XRT_CTRL_MANU_408_OG [0x198]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/06/22	09:33:02.0	XRT_FLD_RESET_412_OG [0x19c]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2012/06/22	09:33:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/06/22	09:36:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/06/22	10:59:54.0	XRT_CTRL_MANU_439_OG [0x1b7]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/06/22	11:00:00.0	AOCS_OrE-point_Start_5_OG [0x09b]					
			AOCU_NM	5	02-76	00 b3 cf 00 72	
2012/06/22	11:02:26.0	XRT_FOCUS_POSITION_409_OG [0x199]					
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2012/06/22	11:02:46.0	XRT_FLD_ENA_405_OG [0x195]					
			MDP_XRT_FLD_ENA	1	07-F0	d8	
2012/06/22	11:02:48.0	XRT_FLRCTRL_ENA_440_OG [0x1b8]					
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2012/06/22	11:02:50.0	XRT_AEC_RESET_443_OG [0x1bb]					
			MDP_XRT_AEC_RESET	1	07-F0	d0	
2012/06/22	11:02:52.0	XRT_ARS_DIS_431_OG [0x1af]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2012/06/22	11:02:54.0	XRT_FLD_RESET_412_OG [0x19c]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2012/06/22	11:02:56.0	XRT_QT_PROG_SET_441_OG [0x1b9]					
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a	
2012/06/22	11:02:58.0	XRT_FL_PROG_SET_449_OG [0x1c1]					
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2012/06/22	11:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/06/22	11:16:00.0	XRT_CTRL_MANU_408_OG [0x198]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/06/22	11:16:02.0	XRT_FLD_RESET_412_OG [0x19c]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2012/06/22	11:16:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/06/22	11:19:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/06/22	11:46:30.0	XRT_Custom_418_OG [0x1a2]					
2012/06/22	11:47:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/06/22	12:54:30.0	XRT_CTRL_MANU_408_OG [0x198]					

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2012/06/22	12:54:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
			MDP_XRT_FLD_RESET	1	07-F0	da				
2012/06/22	12:54:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/06/22	12:57:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/06/22	13:25:00.0	XRT_Custom_418_OG [0x1a2]								
2012/06/22	13:26:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/06/22	14:33:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/06/22	14:33:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da				
2012/06/22	14:33:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/06/22	14:36:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/06/22	15:11:30.0	XRT_Custom_418_OG [0x1a2]								
2012/06/22	15:12:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/06/22	16:11:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/06/22	16:11:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da				
2012/06/22	16:11:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/06/22	16:14:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/06/22	16:58:00.0	XRT_Custom_418_OG [0x1a2]								
2012/06/22	16:59:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/06/22	17:34:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/06/22	17:34:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2012/06/22	17:35:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00				
2012/06/22	17:35:16.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/06/22	17:35:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/06/22	17:35:20.0	XRT_ARS_DIS_438_OG [0x1b6]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/06/22	17:37:58.0	XRT_QT_PROG_SET_423_OG [0x1a7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2012/06/22	17:38:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/06/22	17:44:54.0	XRT_CTRL_MANU_439_OG [0x1b7]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/06/22	17:45:00.0	AOCS_Ore-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	03 00 00 00 00				
2012/06/22	17:47:26.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2012/06/22	17:47:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2012/06/22	17:47:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2012/06/22	17:47:50.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2012/06/22	17:47:52.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/06/22	17:47:54.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da				
2012/06/22	17:47:56.0	XRT_QT_PROG_SET_445_OG [0x1bd]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14				
2012/06/22	17:47:58.0	XRT_FL_PROG_SET_449_OG [0x1c1]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2012/06/22	17:48:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/06/22	17:50:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/06/22	17:50:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da				
2012/06/22	17:50:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/06/22	17:53:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/06/22	18:35:00.0	XRT_Custom_418_OG [0x1a2]								
2012/06/22	18:36:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/06/22	19:28:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/06/22	19:28:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da				
2012/06/22	19:28:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/06/22	19:31:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/06/22	20:12:00.0	XRT_Custom_418_OG [0x1a2]								
2012/06/22	20:13:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/06/22	21:07:00.0	XRT_CTRL_MANU_408_OG [0x198]								

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2012/06/22	21:07:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
			MDP_XRT_FLD_RESET	1	07-F0	da	
2012/06/22	21:07:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/06/22	21:10:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/06/22	21:48:31.0	XRT_Custom_418_OG [0x1a2]					
2012/06/22	21:49:31.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/06/22	22:45:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/06/22	22:45:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/06/22	22:45:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/06/22	22:48:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/06/22	23:21:00.0	XRT_Custom_418_OG [0x1a2]					
2012/06/22	23:22:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/06/23	00:24:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/06/23	00:24:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/06/23	00:24:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/06/23	00:27:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/06/23	00:54:00.0	XRT_Custom_418_OG [0x1a2]					
2012/06/23	00:55:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/06/23	01:59:54.0	XRT_CTRL_MANU_417_OG [0x1a1]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/06/23	02:00:00.0	AOCS_Or-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00 ac 00 00 00	
2012/06/23	02:14:28.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2012/06/23	02:14:48.0	XRT_FLD_DIS_425_OG [0x1a9]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2012/06/23	02:14:50.0	XRT_FLRCTRL_DIS_446_OG [0x1be]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2012/06/23	02:14:52.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2012/06/23	02:14:54.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2012/06/23	02:14:56.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/06/23	02:14:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08	
2012/06/23	02:15:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/06/23	03:59:54.0	XRT_CTRL_MANU_417_OG [0x1a1]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/06/23	04:00:00.0	AOCS_Or-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	00 00 00 54 00	
2012/06/23	04:14:28.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2012/06/23	04:14:48.0	XRT_FLD_DIS_425_OG [0x1a9]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2012/06/23	04:14:50.0	XRT_FLRCTRL_DIS_446_OG [0x1be]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2012/06/23	04:14:52.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2012/06/23	04:14:54.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2012/06/23	04:14:56.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/06/23	04:14:58.0	XRT_QT_PROG_SET_410_OG [0x19a]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12	
2012/06/23	04:15:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/06/23	05:59:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/06/23	05:59:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2012/06/23	06:00:00.0	AOCS_Or-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00	
2012/06/23	06:00:16.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2012/06/23	06:00:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2012/06/23	06:00:20.0	XRT_ARS_DIS_438_OG [0x1b6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2012/06/23	06:02:58.0	XRT_QT_PROG_SET_423_OG [0x1a7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07	
2012/06/23	06:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/06/23	06:51:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/06/23	06:51:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/06/23	06:51:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]					

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2012/06/23	06:54:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2012/06/23	08:00:00.0	AOCS_ORe-point_Start_9_OG [0x09f]	AOCU_NM	5	02-76	02 00 00 00 00
2012/06/23	08:31:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2012/06/23	08:31:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2012/06/23	08:31:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2012/06/23	08:34:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2012/06/23	10:12:00.5	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2012/06/23	10:12:02.5	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2012/06/23	10:12:04.5	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2012/06/23	10:15:14.5	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2012/06/23	10:45:00.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00