

MI BPM Project
MI BPM TB Control Module Status Report June 6th, 2006

Significant changes are highlighted.

MI BPM TB Control Module Production

Hardware status:

-) Preliminary Manual for the Control Module is available.
-) 12 Modules assembled and tested.
-) Setting up more tests while firmware development continues.

Firmware status:

-) Coding work in progress.

MI BPM TB

Firmware status:

-) Conceptual work in progress together with Control Module (production version) design.

MI BPM TB Control Module Prototype

Hardware status:

-) No activities.

Firmware status (Avnet Xilinx card FPGA):

-) No activities.

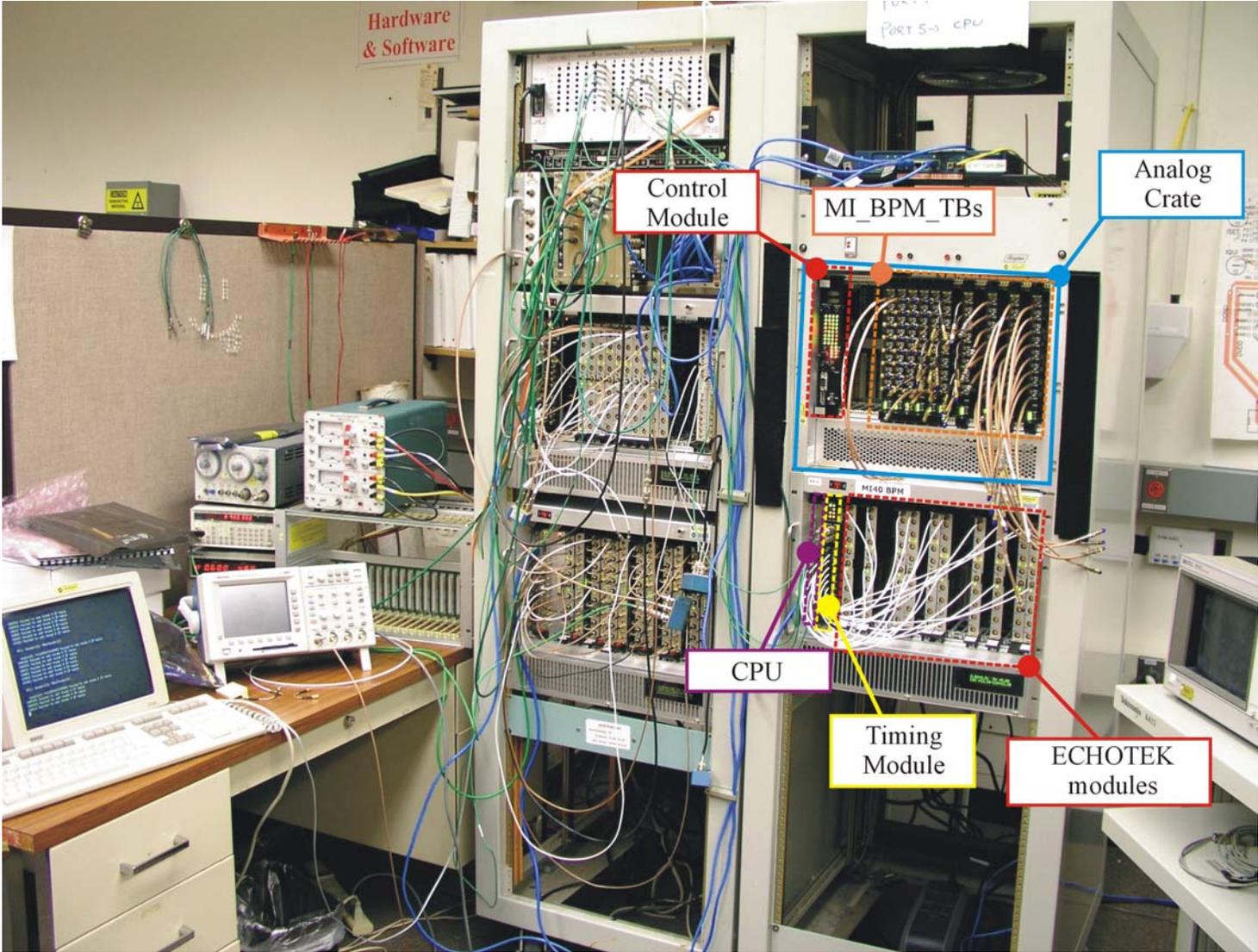
Document related to the Control Module are available on the web page:

http://www-ese.fnal.gov/MI_BPM_TB_CTL/

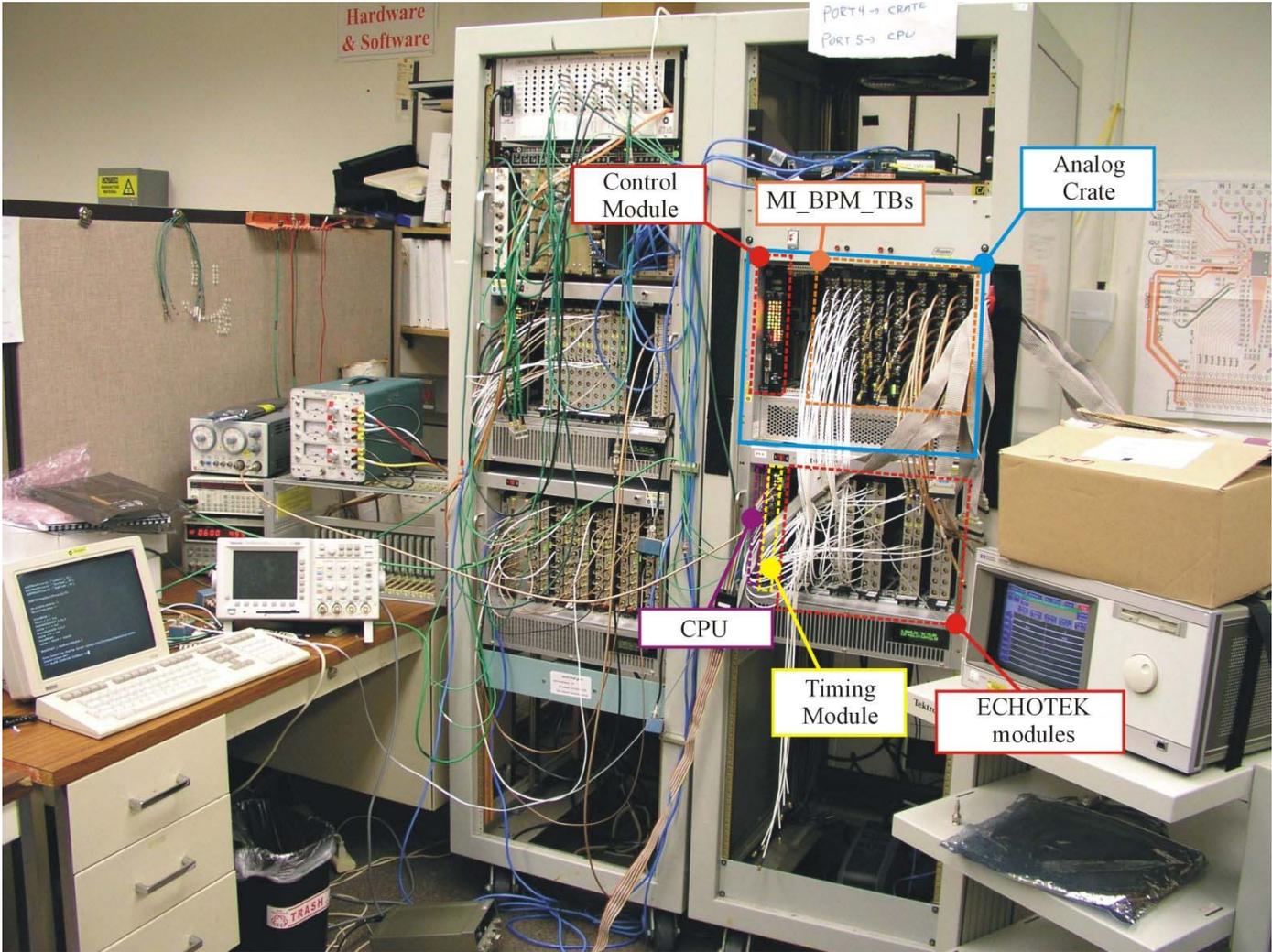
MI BPM Project
MI BPM TB Control Module Time Schedule
 As on February 28th, 2006, last modified on June 6th, 2006

New changes in schedule are **highlighted**. Previous changes in schedule are **in blue**.

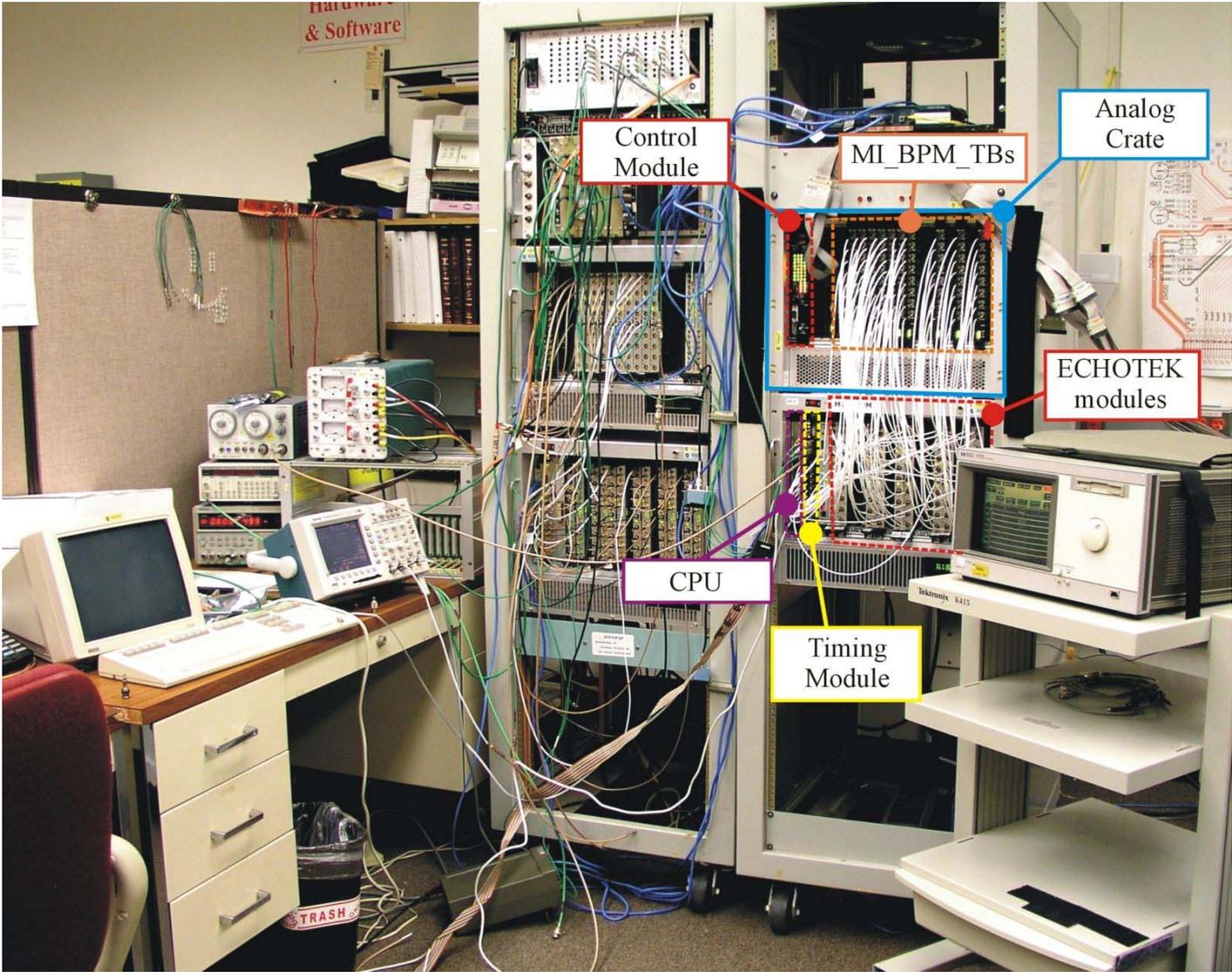
Week beginning on	Task 1	Task 2	Task 3	Task 4	Goals and decisions
February 27 th	Design				
March 6 th	Design	Schematic			Finalize design
March 13 th	Firmware	Schematic			
March 20 th	Firmware	Schematic review			Minor design changes
March 27 th	Firmware	Schematic PCB layout		Parts ordering	
April 3 rd	Firmware	Schematic review PCB layout		Parts ordering Parts arrive	
April 10 th	Firmware	PCB layout	PCB quotes	Parts arrive	
April 17 th	Firmware	PCB layout PCB manufacturing	PCB quotes Front panel design	Parts arrive	Finalize preliminary version of firmware.
April 24 th	Firmware	PCB Manufacturing Module assembly	Front panel manufacturing Front panel design		Finalize preliminary version of firmware. 1st Module assembled and tested
May 1 st		Module assembly	Front panel manufacturing		1st Module assembled and tested May 1 st : Does module meets system requirements?
May 8 th		Module assembly/ Module testing	Front panel manufacturing		
May 15 th		Module assembly/ Module testing			May 15 th : All Modules assembled and tested
May 22 nd		Module assembly/ Module testing			
May 29 th		Module assembly/ Module testing			Module assembly/initial testing completed
June 5th, 2006	Firmware				Working on firmware for diagnostics.



FCC MI BPM Test Area, May 23, 2006



FCC MI BPM Test Area, May 30, 2006



FCC MI BPM Test Area, June 6, 2006