

**MI BPM Project**  
**MI BPM TB Control Module Status Report April 4<sup>th</sup>, 2006, 9:30am**

Changes in activities since last status report on March 28<sup>th</sup>, 2006 are highlighted in yellow.

**MI BPM TB Control Module Production**

**Hardware status:**

- ) Work in progress on preliminary version of the “Functional Requirements Specification”.
- ) Conceptual design of the production version of the Control Module completed.
- ) Still minor work do be done on Electrical Schematic (1 to 2 days).
- ) Printed Circuit Board Layout work in progress.
- ) Parts ordering in progress.

**Firmware status:**

- ) Conceptual work in progress together with hardware design. Coding work will start as soon as hardware architecture is finalized.

**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/](http://www-ese.fnal.gov/MI_BPM_TB_CTL/)

**MI BPM Project**  
**MI BPM TB Control Module Time Schedule as on February 28<sup>th</sup>, 2006**

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