

MI BPM Project
MI BPM TB Control Module Status Report May 2nd, 2006

Significant changes are highlighted.

MI BPM TB Control Module Production

Hardware status:

-) Work in progress on the “Functional Requirements Specification”.
-) Conceptual design of the production version of the Control Module completed.
-) Electrical Schematic completed.
-) Parts ordering completed.
-) Printed Circuit Board Layout completed.
-) Print Circuit Boards received. Assembly/testing in progress.
-) Front Panel design completed.
-) Front Panel Purchase Order placed, manufacturing in progress.

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 April 25th, 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 testing	Front panel manufacturing		
May 15 th					May 15 th : All Modules assembled and tested
May 22 nd					
May 29 th					