



Main Injector BPM Upgrade

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MI BPM Upgrade

- Project has not yet been established:
 - Lots of work to do on TeV BPM, Transfer line BPM, etc.
 - Competition for resources from other projects
 - Need to understand what is required
- Hence today's and future discussions

Main Injector BPMs

- Starting to discuss forming a project to accomplish the MI BPM upgrade.
- Many aspects of the upgrade – lots of work!
 - Project organization and management
 - Requirements
 - Design
 - Front-end electronics
 - Digitizers/timing system/front-ends
 - Front-end software
 - Online/controls software
 - Applications/console programs
 - Calibration
 - Diagnostics
 - Purchasing/acquisition
 - Hardware checkout
 - Integration and installation
 - Commissioning
 - Documentation

People and Timescales

- Need to identify people who can work on the various aspects of the projects.
- Timescale:
 - Now: Organizing and identifying resources
 - Jan-March: Build project
 - Jan-March: Update requirements/review requirements

Timescale

- **March/April: Begin serious work as people are freed up from other projects and work.**
- **April-December: Acquire hardware, write software, install system, commission system**