
Tevatron Abort System

Working Groups

Accelerator Complex Reliability

- Goal is to provide better Store reliability by preventing false or unnecessary beam aborts while providing effective protection to machine components and detectors.
- The work will progress along three fronts.
 - Abort Policy Review Team – completely update the documentation of the abort system.
 - Determine any short comings of Hardware, Software, or the underlying Philosophy of the system.
 - Beam Loss Monitors Team.
 - Review the technology of the BLM system and determine if changes are needed to meet the protection requirements of the Tevatron.
 - Machine Physics Team
 - Provide machine calculations to determine the numbers and types of elements that can be lost without pulling the abort.

Members

- **Abort Policy Review Team**
 - Paul Czarapata - Chair
 - Bruce Hanna - Tevatron Department
 - Stephen Pordes - BLM Team
 - Mike Syphers - Rapid Response Team
 - Others as needed for special topics
- **Beam Loss Monitors Team**
 - Stephen Pordes - Leader
 - Project Physicist - TBN
 - AD Instrumentation
 - PPD EE Department
- **Machine Physics Team**
 - Mike Syphers - Leader
 - Rapid Response Team Members - AD