



EMTiming

Hardware and Installation Status

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for the EMTiming group
(October 2003)**

Current operating system

- **Prototype system worked very well**
- **ObjectMon has a full complement of monitoring for EMTiming**
 - **Lots of results on the web available**
- **Software is up and working in EMTD and CalData**
 - **Software is ready for the end of the fall shutdown**
- **Working on energy, t_0 and z_0 corrections**
 - **Final time resolution will be below 2 nsec for both CEM and PEM**

Hardware Readiness

- **PEM harnesses: Installed, tested and hooked up**
- **CEM harnesses: Finished, tested, sitting & waiting to be installed**
- **Long cables (from ASD to TDC): Installed, tested and hooked up to TDC's**
- **TDC crate and TDC's: Installed, tested and hooked up to long cables and DAQ.**
- **TB's: 16 installed, tested and hooked up on PEM. Rest at FNAL getting front panels put on. Tested in Italy. Will test again.**
- **ASD's: At FNAL getting their front panels put on. Tested in Italy. Will test again.**

CEM Installation

- **Installation procedures for all EMTiming installation are on the web and have passed through various informal review by experts**
 - **No objection to installation on technical grounds**
- **Since the splitter harnesses are ready now, it has been agreed that we will install some part of the CEM this shutdown (4 Wedges). Hope to start soon...**
- **Since the hardware will simply sit for a year until Summer 2004, no reason to believe we won't be ready for it as well. No known impediments unless CPR wants to install early.**