

ECal Commissioning

Assembly and Installation

- Assembly of the calorimeters (done)
- All channels are checked with pulsed light (done)
- ECal moved to the hall (week of 09/01)
- ECal Mounting structure installed (week of 09/22)
- Connections (2 weeks from 09/29)
 - Install and connect the chiller
 - Install and connect LV/HV ("manual" control)
 - Connect the LED controllers
 - Connect to DAQ

ECal Commissioning

Installation on mounting structure in Hall B (week of 09/22)

- Take reference marks on vacuum chamber and detector with the help of a mockup vacuum chamber
- Place the calorimeter on its mounting system
- Reinstall the ECal vacuum chamber
- Make precise placement of the Ecal using previous marks to keep away from the chamber
- Survey its final position

ECal Commissioning

Off beam commissioning in Hall B

- Test data acquisition (week of 10/13)
 - Take LED test data that will serve as reference
 - Take Cosmic ray data
- Establish a first calibration map for FADCs
(To be improved while we run longer cosmic runs)

ECal Commissioning

With low current beam

- Verification of rates in the crystals with target
- Adjust the various ADC thresholds on FADCs accordingly
- Verification of the trigger rates of the main trigger and other triggers