

Welcome to the LHCb VELO Testbeam 2006 Web pages

Organisation

- Useful Phone Numbers
- VELO ELOG [↗](#)
- The 'HAPPY PION' Bible

Analysis

- ACDC Analysis
- ACDC3: Data Location and cable configurations
- ACDC3 data inventory
- ACDC3 Data reprocessing

Offline software

- How to run Gauss, Boole and Panoramix for ACDC simulation
- How to run VETRA and Panoramix for ACDC data analysis
- How to use the VeloFullDataMonitor class (for looking at non-zero suppressed data)
- How to produce data files compatible with Liverpool Velo production DB from ACDC3 data
- How to install/run the Velo Alignment Software [↗](#)
- How to install/run and hack the Velo High Level Data Monitor
- How to use a subset of the VELO sensors as a beam telescope
- How to visualise the the sensor remapping configuration
- Tell1 --> Sensor mapping in the ACDC2 XML description
- X-talk computing and FIR filtering

Hardware operation

- Scintillator Setup in H8 (prepared with in Aug-2006)
- ACDC3: cooling operation (word .doc)
- ACDC3: low voltage operation
- ACDC3: high voltage operation
- ACDC3: DAQ (one or many TELL1s)
- ACDC3: Control System
- ACDC3: System Recovery2
- ACDC3: How to check the Interlocks (word .doc)
- ACDC3: Shifters' checklist (word .doc)
- ACDC3: Hardware inventory
- How to tune the beam in H8
- How to operate the beams [↗](#)
- Instructions for Shifters
- Testbeam Hardware List
- Testbeam DAQ Operation
- How to run the DAQ in the Assembly Lab
- How to run the cooling (old)
- How to use the FLIR Thermal Camera
- Testbeam FAQ
- A few words about the cabling between repeater boards and Tell1s in the testbeam (the Sector Correction)

Photos

- [ACDC2 Photos](#)
- [Diagrams of the four readout setups during ACDC3 \(by Marco Kraan\)](#)

Obselete (?)

- [SPS Teletext: Current status of beams](#)
- [Testbeam Schedule and Shift List \(August\)](#)
- [A brief guide on how to analyse ZS data with Vetra v2r2 or higher](#)
- [ACDC3 Shift](#)
- [ACDC3 Run Plan - Draft](#)

This topic: LHCb > VELOTestbeam

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