

First MB2 at CERN

Goals: Combined test RPC –MB2 in the GIF,
Set-up test station in the ISR

Strategy: Transport MB2 to the ISR, Debug,
Cosmic ray test, coupling with RPC, Noise tests,
De-couple ?, Transport to GIF

Needed:

Chamber supports, gas,
HV cables , Signal cables,
HV supply, LV Supply,
CAEN TDC (8x128 channels), Level translators,
FE test pulse system,
Cosmic ray trigger (OK some NIM modules needed
CIEMAT Stand-alone DAQ + HV monitor system

DAQ + Monitor System (Gaetano + RPC people)

**➔ Account to acquire items from pool or buy
small items**

Update (Matteo):

Level translators included in TDCs

9 TDC needed for tests at CERN, i.e. generic MB3
3TDC $\Phi 1$, 3TDC $\Phi 2$, 2TDC Θ + 1 Spare

Standard round –flat 68 conductor shielded cable and
adaptor board (Matteo) to match connector pitch at
the SL

⇒ Define lengths for ISR tests

⇒ Already available at GIF but 65m long...

Low Voltage supply probably available from LEP
dismantling