

RICH-WALL planning

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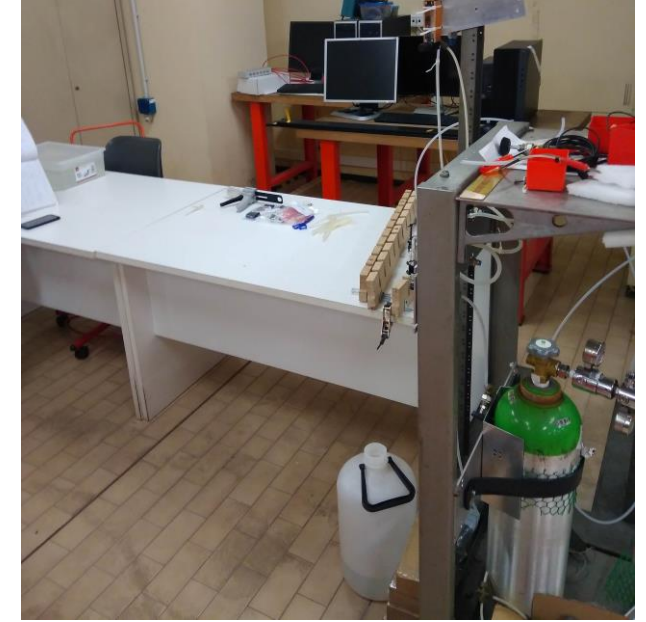
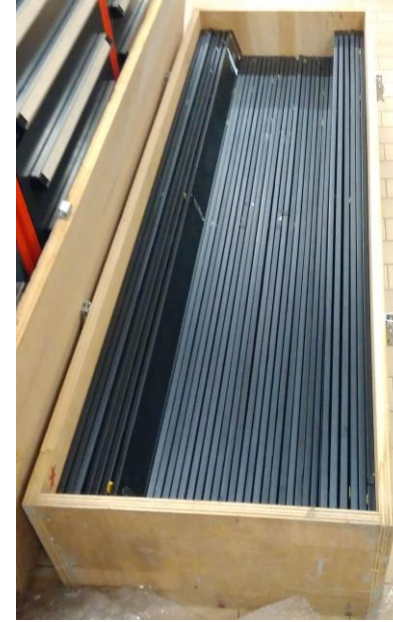
Università di Torino & INFN Torino



The present status

We have : 360 Long MDTs at CERN

 144 Short MDTs in Torino



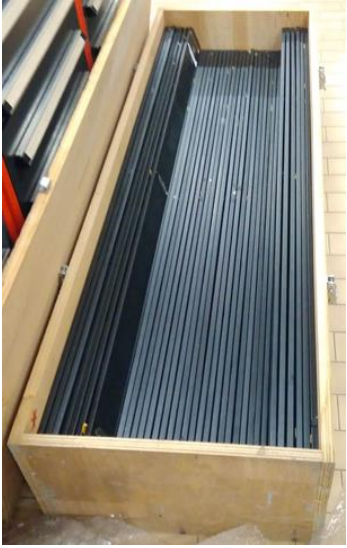
We have equipped a simple test area

- ✓ We make a gas tightness test and where needed we make a water immersion test to look for the leak area
- ✓ We plan the gluing of simple damages



Short MDTs status (19.03.21)

Tested OK



To be tested



Leaking, to be repaired at Torino



Seriously damaged,
to be repaired with
Dubna colleagues
at CERN



Next steps

- We plan to finish the test of the short MDT during the week 22.03.21
- We will try to repair the small leaks at Torino
- Transport to CERN is foreseen in the first two weeks of 04.21
- We are finalizing the agreement with Dubna to receive their help for the:
 - Repair of the 5 badly damaged short MDTs
 - Test & repair of the long MDTs @ CERN
 - Reassembly of the RW in the park position
- We need to prepare a support to hold a single plane in vertical position while testing the long MDTs
- The present goal is to try to reassemble the RW for ~20.05 but it will be not easy
- We shall verify but, most probably it is close to impossible to mount the HV, gas and the analog FEs in the working position. Initial evaluation was 2 weeks for these operations in the parking area



Support idea



We add horizontal supports

We use the crane to park the single panel for the repair operations

To be prepared and tested within 15.04.21

We will need the table too for the repair operations