

# STATUS OF ATLAS ZDC

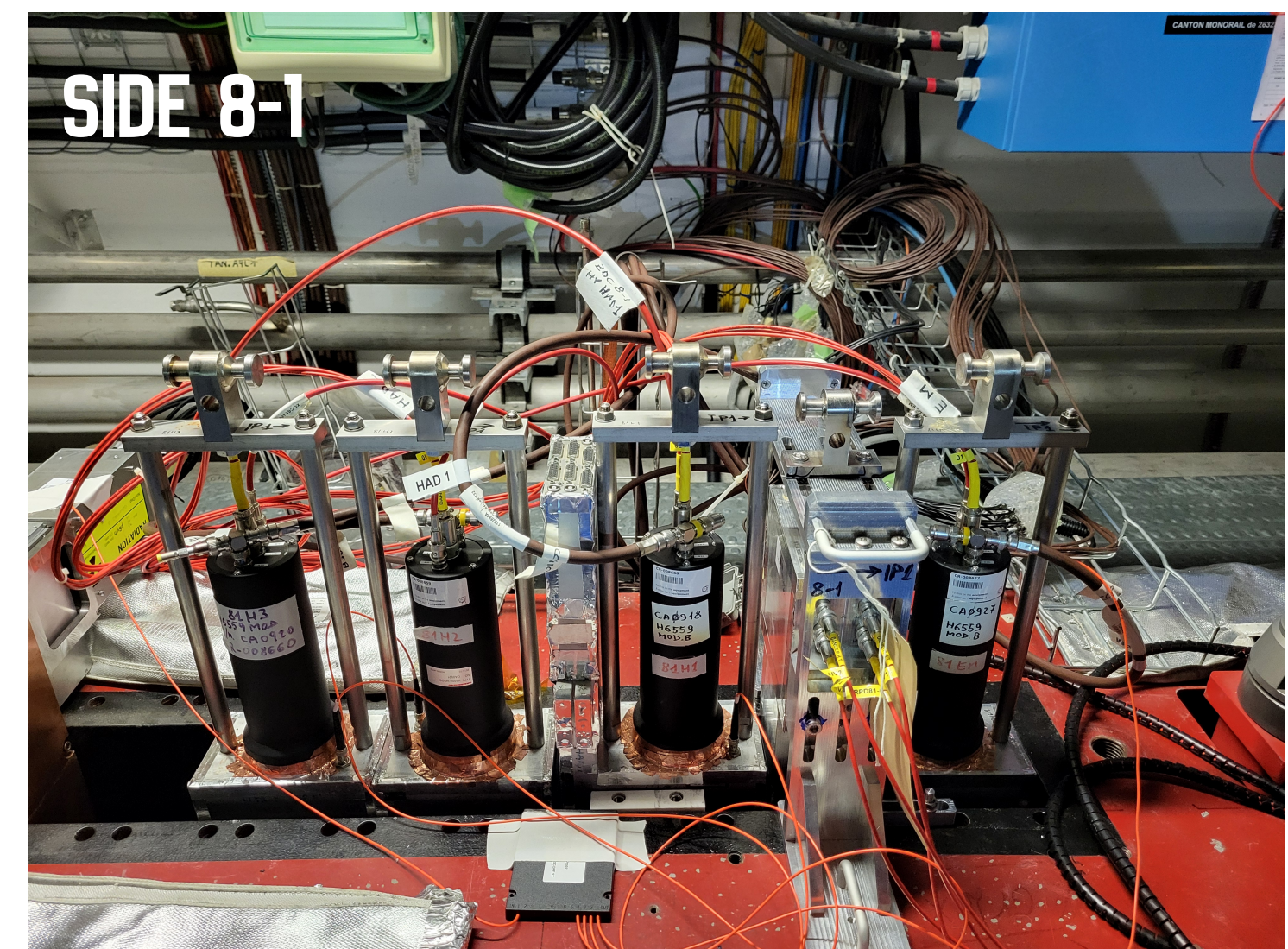
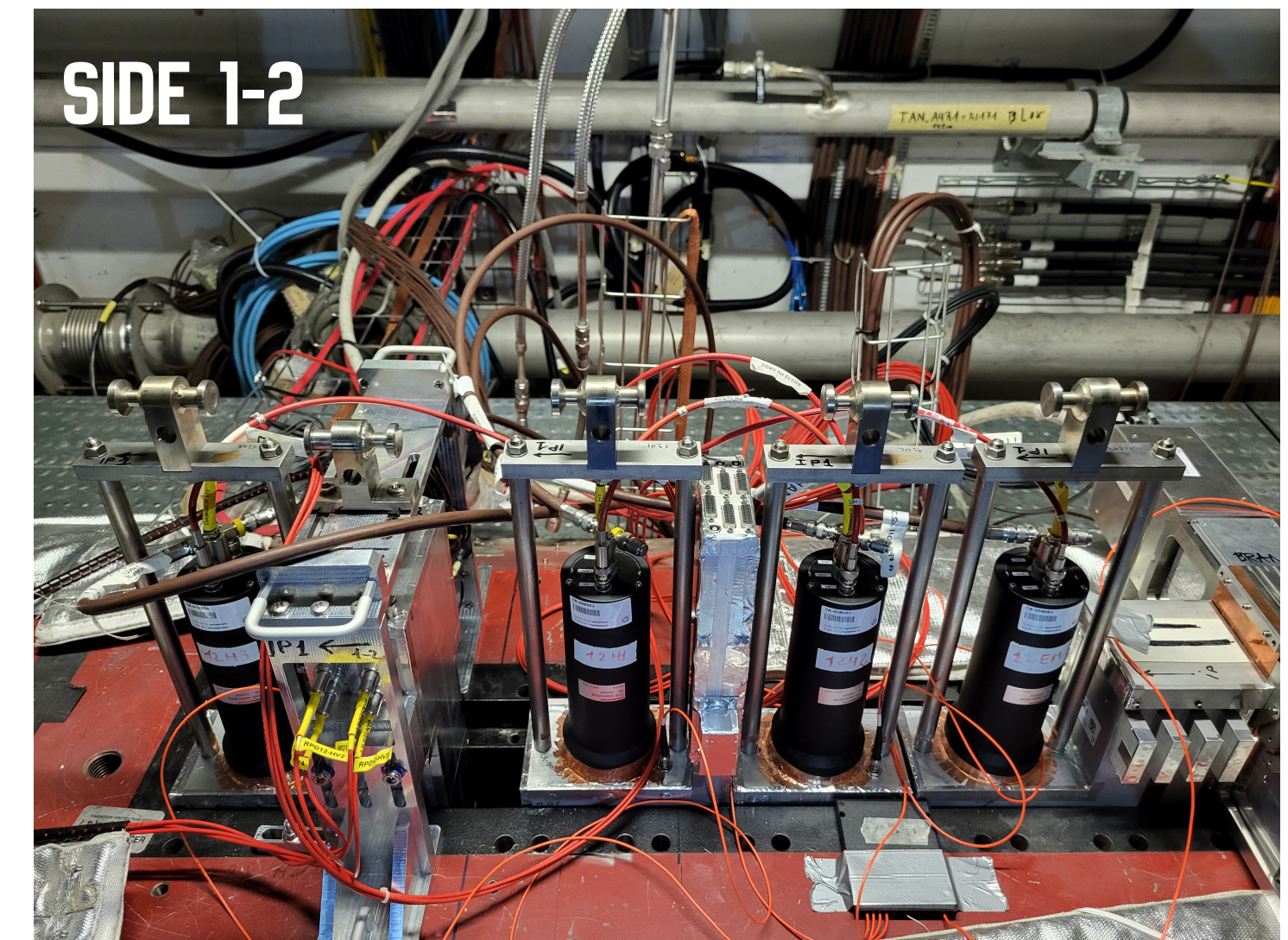
Riccardo Longo  
TREX Meeting  
31 January 2025

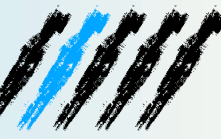


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- Lifting points on the detector were re-installed yesterday by G.Avoni and B.Diedzic (**IMPACT 246346**)
  - Thanks to the shielding - moderate radiation to personnel (13 & 10  $\mu\text{Sv}$ )
  - The detector can now be hooked again with the overhead crane (repaired in December - thanks to transport)
- Next activities on Monday
  - Crane testing
  - Disconnection of the detector on the side where we will start the removal on Tuesday (8-1) using the shielding
  - To be coordinated with transport to avoid conflicts (discussion w/ Serge via email)
- Removal of the detector on Tuesday - Wednesday (one side per day)
  - IMPACT including ZDC, BRAN, Transport and RP: **IMPACT 246601**





- BRAN needs to be disconnected before the removal of ZDC or on Tuesday before the craning
- If both the detectors are disconnected on Monday:
  - Start on Tuesday directly w/ the craning
- Otherwise
  - Accommodate ~30 min on Tuesday to disconnect ZDC and BRAN before the craning
- After de-installation & copper bar re-installation, we will need ~15-20 minutes to re-group the cables, prepare them (and take documentation) for the next installation during TS1
  - De-installation team of 5 people in total - rotations to ensure no large amount of radiation accumulated on individuals
- Transport of the detector from SD1 to B180 end of Week 6 / early Week 7

