

Material procurement for EEE



D. De Gruttola (Salerno University and INFN, Italy) - EEE general meeting



Overview

- ◆ 5 gas mixers ordered in 2019 are now available (to be delivered)
- ◆ deliver affected by lockdown rules

Last stations equipped:

- ◆ **Reggio Calabria** (*name tbd*) completely equipped
- ◆ **BITE-01** partially equipped (gas mixer needed)

New stations to be equipped:

◆ **BRA-01**

Available material (deliver frozen because of lockdown)

- ◆ CAEN electronics
- ◆ Trigger card
- ◆ FEAs
- ◆ Gas cabinet
- ◆ Gas mixer
- ◆ PS agreement to make the school buy it

• T and p monitoring → homemade system design defined and material ready

• New FEA cards → 160 cards (3 sets used at the moment)

Issue with cables:

- 5 sets available but connectors are now obsolete
- Need to test a different connector: cable ready to be tested in Salerno (waiting for school opening..)

Orders and available material

◆ Gas mixers

- 1 mixer is needed at CERN for tests on new gases, 1 is needed in Bitetto and 1 at Centro Fermi
- **Order of 5 mixers ongoing - Precision Fluids (Italian distributor of Bronkhorst)**

◆ 11 sets of gas pressure regulators

◆ A few **digital manometers** for leakage measurements on all telescopes - to be ordered

◆ **CAEN electronics** available at CF for ~13 telescopes

◆ Trigger cards

- 1 Catania/CERN card and 1 Bologna card (+ GPS interface) available at CF
- *Aspek* will deliver **30 cards** in Lecce, where they will be tested (M. Panetta)

◆ **Clock cards** → 10 cards available at CF

◆ HV boxes

- 2 sets available at CF
- ~20 broken boxes available at CF (possibly to be repaired)
- Waiting news from CAEN on self-powered boxes

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CAEN was a assembling, in February, a set to be tested in Cosenza