**17 April 2023**

**ECAL Barrel**

- rotating machine ready at LNF=> first test done at LNF

- test at LNF of rotating machine. Aluminum bars ready.

- rotation and axial movements tests.

- safety procedures, first draft ready.

- technical description, first draft ready.

- first meeting with LNF safety office on Tuesday 18th.

- platform, discussion for the final solution in progress,

 simulation to aid final choice.

- handling tool ("bilancino") => new offer ready (~9k euro, including bilancino for DC) to be ordered.

Polacchi for the construction, and another company for the CE certification (and according to US rules, to be checked later)

- vertical supports (puntelli e rulliere) => ready in the KLOE hall.

=> mount protective layers (wood) before starting mounting "puntelli e rulliere" inside the barrel.

- geometrical survey of the position of the barrel modules, iron yoke end-cap. => exhagon

meeting today (Danilo):

Exhagon available to make the measurement. survey needed. proposal: use laser tracker.

- protective tape => Raffelli is gathering info from 3M. 2 type of tapes, tickness O(10 um)

- tuning of the procedure before or at the beginning of the operations.

**General operations**

-NO NEWS

-New area 25 mq at capannoni Leoni available after survey => Polacchi will start soon moving crates and racks of DC electronics and part of ECAL electronics not re-usable in SAND.

-Possible contributions from technicians of outside LNF are foreseen starting by September 2023.

**ECAL End-Cap**

Decision for the handling and shipping tools ("PMT up or down").

Dedicated meeting held before Easter to discuss the choice for the handling and transport tools => final decision PMT up + use foam to attenuate vibrations during shipping.

F. Noto and Toni are modifying the design of the tools accordingly.

**ECAL refurbishment**

- PM test => done

- PM

**Magnet**

technical meeting with ASG-OCEM-INFN (R. Ricci + G. Delle Monache +...)

on Tuesday

to discuss and decide PS requirements and QD

possible solutions:

1) new from ASG

2) keep old QD and evaluate possible substitution in future

Offers for CSN2 about cryo for test preparation presented at CSN2 => G. Delle Monache

Check FNAL requirements for magnet.

**Shipment at FNAL**

S. Gazzana contacted DVS company

insurance costs clarified with C. Montanari .