

Minutes

EN/MME Meeting for HL-LHC CRAB CAVITIES

Monday, 6th July 2015

Room 376/1-020

Scope: regular meeting for the HL-LHC CRAB CAVITIES (WP4) Project at EN/MME

Attendees: Alexandre Amorim Carvalho, Kurt Artoos, Teddy Capelli, Laurene Giordanino, Raphael Leuxe, Norbert Kuder, Giovanna Vandoni, Carlo Zanoni

Tour de table:

- In terms of calculations, there are no new results. Main activity now is the preparation of the final design report for the He tank.
- Carlo updated on the recent discussion on the support system. It has been agreed the use of flexural guides instead of rods. Mechanically, this improves the performance both under a static and a modal point of view. The main issue is the integration, as the guides have to be vertical.
- Carlo reported the final decision on the pressure test of the dummy model which will be performed in the bunker.
- Raphael said the drawings of the plates of the He tank dummy require an input from Michael. Final drawings are required for starting the fabrication contract.
- Parts for tests on bolts are under preparation.
- Teddy has finished the design of the feedthrough (for the DQW HOM) and is waiting for a feedback from Montesinos.
- Carlo showed the new EDMS node to all the attendees and introduced to the content of each folder.

Actions

- Prepare He tank analysis report → Luca, Norbert
- Define final detail on the He tank dummy with the workshop → Raphael
- Integrate support system → Teddy

- Send a short presentation of the new EDMS node to all the Crab Cavity collaboration
→ Carlo

Next meeting: Monday the 13th of July in room 376/1-020.

Minutes taken by Carlo.