

LHC RF Meeting

18th October 2007

Participants: Luca Arnaudon, Olivier Brunner, Edmond Ciapala, Trevor Linnecar.

An informal meeting was held, a few key points and actions are outlined below:

✚ **General P4 planning:** Cool-down of sector 4-5 is going well. A recent planning, presented at the Tuesday morning HWC planning meeting shows cool-down to 4.5 K starting Week 46. Cryo may be able to run over the Christmas break, with minimal piquet support. This would be useful, if for example, we need to do conditioning to make most efficient use of the remaining limited time in January. Support would also be needed from other systems. *The possibilities can be explored in the coming week or two.*

✚ **Power testing of cavities:** This could therefore start in week 48, and last for four weeks, till week 51.

✚ **Preparation for power tests:** We need to test the access system and procedures completely before the power tests, both for the tunnel and UX45. This can probably be done during the low power tests. We will follow this up with the **access team** and **RP**, with the **HWC team**.

✚ **Module 2.B2** The vacuum pressure has not decreased significantly, all MC coupler vacuums are still around 2.0E-8. M. Jimenez has been informed and will organize a leak test. Our people, Pierre, Eric and G. Pechaud will be closely involved.

✚ **Faraday cage electronics:** Patch cables for cavity controllers of Module 2.B1 have now been installed and tested. This means we should be able to run all sector 4-5 cavities remotely via the conditioning DDS. A software problem with the 'knob' setting however remains to be resolved - hopefully soon. The timing and patch connections for the feedback crates will now be installed for the same cavities. (Before starting in the other Faraday cage for the sector 3-4 modules).

✚ **Klystrons:** Work is progressing well on the re-assembly of the klystrons in Sector 3-4, after changing the collector boilers.

Next Meeting: Thursday 25th October at 08:45 in the JBA room.

E. Ciapala, 19th October 2007.