

RAT in P4 - *Status of Sector 45* - Preparation of Cool-Down

HARDWARE COMMISSIONING COORDINATION - WEEK 15

13th April POINT 4 (2485 2-001 SX4)

Present: B. Bellesia, E.Ciapala, S. Di Luca, J-J.Gras, W. Maan, R. Schmidt, M.Solfaroli, J.-Ph. Tock.

Sector45 & Sector 34

RAT particularly devoted to investigate the influence of the RF activities on powering tests of the A45 and on the installation works of the A34

Before RF/Powering tests:

- **Access (Serge):** all access system from UJ43 up to UJ47 have been tested by Access team, No non conformities found.
- **RF Intelocked zone access test (Edmond):** one day in W46/47 will be chosen to perform the test. No access to the LSSs of Point4 will be allowed. To the tests RF, Access, RP, Vacuum and HCC team will be invited to participate.
- **AB-BI (Jean-Jacques):** A list of intervention (Individual systems) of AB-BI will be provided up to w46. / For **BLM** and **BPM** activities Esther Barbero will be contacted.
- **Suspected minor leak on the RF arc34 Beam 2 module (Win):** the detection must be performed in w43-W46 (Miguel, Fabianne of VAC advised)
- **Electron stoppers must be closed before RF Power tests (Edmond-Win):** The status of connection into the access system needs to be verified.
- **Sector Valves on RF modules:** These should be open for RF power tests at high field. For this vacuum in the adjoining sectors must be good. The pneumatic systems have to be changed with respect to the one used in SM18. The chang-eover will involve opening the valves, again this needs to be done with good vacuum in the adjoining sectors.
- **AT-VAC and MCS :** no access scheduled to LSSL4 up to the cooldown of sector34

During RF/Powering tests:

- **For the planning see attached ppt.**
- Meeting will be called (Wednesday ?) in order to define the access restriction to the tunnel in Point4 during the RF tests, and to prepare for the 1 day access test. Radio-Protecton team will be deeply involved (Daniel Perin)
- HCC access to LSSR4 during RF test:
 - 1 day per week “a priori” scheduled
 - 2hr warning time - if un-expected
- Installation access to LSSR4 during RF test:

- 1 day per week “a priori” scheduled

Open Issues sector45

- 08.10.07 EE water cooled cables swapped on DFBAI. The closure of the NC will be done after the powering tests.
- 08.10.07 NC on the cabling of the undulator (num 851156). TS-EL