

LHC RF Meeting

26 February 2003, 9h00 to 9h45

Present: L. Arnaudon, Th. Bohl, O. Brunner, A. Butterworth, E. Chapochnikova, H. Frischholz, W. Hofle, T. Linnecar, R. Losito, E. Montesinos, V. Rodel, J. Tuckmantel

Budget LHC RF:

The Budget-to-Completion and the Budget Request for 2003 will be circulated.

Action: V. Rodel.

Earthing arrangement for HV equipment in UX45:

This should be discussed in a special meeting in about 2 weeks time. ST/EL should be involved.

(Action: V. Rodel.)

EVM and follow-up:

Preparation in Microsoft Project for the 3 March 03 is done for ACN and is in progress for Software and Diagnostic, and for Infrastructure and Layout. Still to be done for RF feedbacks.

Action: Ph. Baudrenghien, A. Butterworth, V. Rodel.

Integration at Point 4:

A special meeting on integration at Point 4 is scheduled for 6 March 2003 (14h00 in 376-1-016). J.C. Perrier, C. Ruivet and V. Rodel will go there; anybody interested is also invited. We will ask for help with integration of UX45 outside the machine tunnel.

UX45 layout and installation:

O. Brunner has initiated a document on the Nice network, accessible by everybody of the group, for collection information concerning the layout and installation. J.C. Perrier will follow it up. The address will be communicated.

Action: O. Brunner.

Racks: The positions of the racks in the underground area have now been defined.

Naming is the responsibility of J.C. Perrier together with ST/EL. O. Brunner checks on the availability of LEP racks. The question of mobile racks should be clarified.

Action: O. Brunner

Cabling: J.C. Perrier is up-dating the cabling layout for all RF systems.

Damper: A layout of cooling pipes, cooling flexibles, cable trays and ventilation of the Damper (ADT) was defined in a recent discussion (Hofle, Rodel, Ruivet). It will be presented in the integration meeting on 6 March 2003.

Powering: The requirements for electricity for all systems have now been defined. The relevant document and layout drawing will be available shortly.

Action: V. Rodel.

Radiation in UX45:

AB-ATB has offered to help with FLUKA calculations. We can also get help from TIS. To be followed.

Action: A. Butterworth.

Storage space:

The Building SG4 is not available to us. It is used by EST/IC and AT/ACR.

We need to discuss the possible use of SR4 for storage (e.g. waveguide from the ISR storage).

Action: T. Linnekar, E. Ciapala, O. Brunner, V. Rodel.

Damper (ADT):

W. Hofle requests a discussion on the test stand.

Power converters: A market survey is under way. The invitation for tender is planned for 2004.

Driver amplifiers: The tender opening is on 3 April 2003.

Action: W. Hofle.

ACN Cavities:

Discoloration comes from the welding. R. Losito tries the cleaning first on the test cavity. He will visit the manufacturer for the reception of two cavities shortly.

Shipment is expected in 2 weeks time.

Action: R. Losito.

SM 18:

The up-grading is continuing well. Interventions on the outside power supply are awaiting warmer weather. O. Brunner proposes a waveguide switch. He will get manpower from E. Montesinos.

L. Arnaudon requests a decision on the control interface.

Action: L. Arnaudon, O. Brunner, R. Losito.

The next meeting is on 12 March 2003 at 9h00.

There is no meeting on 5 March because of Chamonix.

Reported by V. Rodel