

Combined Beam Dump Project and HC Coordination meeting

February 20, 2007, 9:45 - Building 865-1-D17

Present: Alain Antoine, Boris Bellesia, Francesco Castronuovo, Laurent Ducimetiere, Katy Foraz, Brennan Goddard, Mirko Pojer, Jan Uythoven.

INSTALLATION STATUS

- Kickers: all magnets are aligned.
- Generators: all in place.
- Cabling for MKB already connected on both sides (generator and MKB sides) in both UA's. Cabling for MKD on generator side in UA63 is finished. Cabling for MKD in UA67 is on completion. On tunnel side they are completing the positioning on the rails (21.02).
- Beam instrumentation: BPM installation is not yet finished (will be completed on both sides by week 10) [action AB/BI].
- Problems with the vacuum pipe on Q4: special tilted elliptical chamber on Q4 has been prototyped but needs a more sophisticated design – under study between AT/VAC and AB/BT.
- TDE in UD62 is in position. TDE in UD68 will be ready for the end of May.
- Problems of space on top of magnet line in UJ62 and UJ67 for the tractor and trailer for the beam dump: checks on going if the solution by Prodin is as originally agreed.
- Power distribution for MKB controller: the racks will be probably in position at the end of this week (w8); the calculations folder has been already sent for validation to Norisko and a safety inspection will be possibly carried on starting from next week [AB/BT & SC/GS].
- Optical fibres for pulsing are missing [action K. Loukili – TS/EL].
- Fire detection system: cables are missing; a campaign is foreseen for w14 to w17. Particularly important on top of TCDS and TCDO (graphite blocks) and in the two tunnels TD62 and TD68. [Action J.C. Guillaume – TS/EL].

VACUUM COMPONENTS STATUS [AT/VAC]

- Bake-out of 6L will be finished by w10-11
- Bake-out of 6R will be finished by w11-12

TEST ACTIVITY

- Test PROFIBUS-DP communication network started on Thursday (22.02).

- AS-I (security bus for AUL): tests will be performed after positioning of the Power Distributor Controller, presently in production.

DOCUMENTATION

- Hardware Commissioning Procedure “The beam dumping system in Point 6 with its associated instrumentation”:
 - all information are missing from AT/VAC concerning the vacuum system and its instrumentation [action J.M. Jimenez – AT/VAC];
 - the list of people with the associated activities and the respective technical qualification they possess has been added to the document (12.02);
 - sketches of the required fences and safety distances during electrical tests have also been added (12.02).

MTF

- A list of possible steps for the commissioning of the Beam Dump System to be inserted in MTF is under discussion; the septa are not included under the LBDS, being a part of the warm electrical circuit commissioning, as well as the collimators, whose test is identical to all other secondary collimator tests.

AOB

- Hardware Commissioning has some panels which could be used in case of necessity to better limit the area where tests will be carried on.
- A water maintenance intervention has been scheduled for the w18 to w20 (demineralised water, cryogenic services and iced water will be affected).

**Next meeting:
Tuesday February, 27
9:45 building 865.**