

Combined Beam Dump Project and HC Coordination meeting

March 20, 2007, 10:00 - Building 865-1-D17

Present: Alain Antoine, Francesco Castronuovo, Laurent Ducimetiere, Carlos Fernandez Robles, Katy Foraz, Brennan Goddard, Mirko Pojer, Jan Uythoven, Jean Weber, Wim Weterings.

INTERFERING ACTIVITIES

- DFBA transport/installation during next weeks:
 - ~~DFBAK-LCM: transport from Thursday 15th till Friday 16th march;~~
 - ~~DFBAK-ATM: transport from Thursday 15th till Friday 19th march;~~
 - ~~DFBAK-HCM: transport from Thursday 29th till Monday 2nd april;~~
 - DFBAK-LCM/HCM: transport has been delayed to w.14.
 - DFBAK-LCM/HCM: transport from Thursday 19th till Monday 23rd april.

These transports will be confirmed in advance to AB/BT group, so that work can be planned accordingly and changes dealt with.

INSTALLATION STATUS

- Vacuum components installation: the junction modules between MKDs are still to be installed – supports are missing. The supports should be available for installation by Wednesday (21.03); bake out will be started on Wednesday next week (28.03), to finish by Sunday 1st. **[action J.M. Jimenez]**
- K. Foraz suggested to start storing the MKDs' magnets in the UX65 to gain some time while waiting for VAC; this solution needs to be investigated, in order to find a safe place for storage **[action AB/BT]**.
- Power distribution for MKB controller: the electrical reception of the racks will be carried on starting from Wednesday (21.03) **[action AB/BT & SC/GS]**.
- Optical fibres for pulsing will be completed by w.11 **[action K. Loukili – TS/EL]**.
- BPM installation: 4 over 6 of the BPMSA have been already installed. BCTFD will be installed this week (w.12). **[AB/BI]**
- Mounting supports for the second beam: work to be done on drawings to check holes positions. **[AB/BT]**
- BLMs to be installed around MKBs: no drawing available for the moment. Integration has been anyway guaranteed **[action W. Weterings to check with ICL]**

- Vacuum pipe on Q4: W. Weterings reported on information received by TS/SU, according to which the scan has a precision of 6 mm and is not worth doing. Discussion still on going on the chamber alignment.
- Ground connections have been verified for all the magnets; next week (w.13) they will be checked for the racks. **[action E. Carlier]**
- A mismatch has been discovered between the TCDS and the last MSD on each side. A possible solution is under discussion between AT/VAC and AB/BT **[A. Rossi and W. Weterings]**.

TEST ACTIVITY

- *Low-level control tests_comm:*
 - AS-I test: security monitor programming done for MKD and MKB;
 - the programming of the addresses for AUL is missing (to be done after PDC installation);
 - MPI networks are working for MKDs and MKBs in UA63;
 - For PROFIBUS-DP in UA63, the network connection of the generators for the MKB is properly working, and that for a half of the generators for the MKD is working as well (half missing).

SAFETY

- J. Weber has given his opinion on the safety measures put in place for the HV tests:
 - the tunnel should be closed near to the magnets under test – flashing lights and panels for information, and people to contact in case of tunnel passage, should be put in place;
 - the circulation of people needing to access the tunnel, should be done through the UAs (K. Foraz reminded that transport and geometers could need to pass through the tunnel, which will be coordinated by HCC); the transformers and racks will be delimited with plastic red & white chains.

Planned interventions in the area

- Smoothing of the MSD is foreseen for this week (w.12).
- A campaign for fire detection system cabling is foreseen for w14 to w17.
- A water maintenance intervention has been scheduled for the w18 to w20 (demineralised water, cryogenic services and iced water will be affected).
- Test of the MSD foreseen for w.21-22.
- Cool-down of sector 5-6 for mid August.
- Cool-down of sector 6-7 for mid October.

Open Issues

20.03	Mismatch between TCDS and MSD	AT/VAC&AB/BT
20.03	Place for storing MKDs in UX65	AB/BT
13.03	Mounting supports for second beam (on drawings)	AB/BT
13.03	BLMs integration	AB/BT&ICL
13.03	Grounding of instrumentation	AB/BT
27.02	TCS: installation after dump line	
27.02	Vacuum tube between carbon window and TDE	AB/ATB
27.02	VMTAB bellows are needed for w18	AB/BT
20.02	VAC: bake-out of 6L by w-13	AT/VAC
20.02	VAC: bake-out of 6R by w-15	AT/VAC
20.02	TDE in UD68 ready for end of June	
20.02	BPM installation	AB/BI
20.02	Vacuum pipe on Q4	AT/VAC-AB/BT
20.02	Safety inspection by Norisko on power distr. racks	
20.02	Optical fibers for pulsing (compl. W11)	K. Loukili-TS/EL

Closed Issues

20.03	Grounding of magnets	13.03
13.03	Intermediate bellows availability	27.02
13.03	Interference between vacuum support and MKD	L. Ducimetiere 27.02
27.02	Space in UJ62 and UJ67 for installation of spare TDE (and transport equipment) – late installation of that part of dump line	20.02

**Next meeting:
Tuesday March, 27
10:00 building 865.**