

Visit in bldg. 361 to coordinate the different requests for rack space

Present: O. Barriere, D. Hay, F. Chapuis, B. Mikulec, E. Carlier, R.A. Barlow, J. Hansen + colleague, C. Maglioni, C. Martin, D. Nisbet, S. Pittet, Y. Muttoni, K. Hanke

- TE-EPC PSB injection (D. Nisbet)
Total need of racks for H⁻ injection: 57 (some of those are already used by EPC). Four of them can be put in the place of the power supplies of the old Pb distributor. Space for the other racks needs to be found in or around 361. Cable length is an issue. The possibility to add rows of racks in 361 as proposed by D. Nisbet needs to be studied. Passage ways must be kept free (safety), and the removal of the reference magnet must remain possible (can the reference magnet move into the new building for the MPS? That would generate quite some space). Rack space on top of the Booster ring needs also to be confirmed, as the proposed space is reserved by BE-BI.
- TE-EPC 2 GeV upgrade (S. Pittet)
About 50 additional racks are needed, and it is proposed to put them on the floor above. This does not look impossible, but needs to be studied and confirmed.
- TE-ABT (E. Carlier, R.A. Barlow)
The racks presently occupied by TE-ABT are sufficient, but they must remain ABT 'property' and not occupied by any other group. New request: rack for stripping foil (to be placed in prolongation of the TE-ABT racks).
- EN-STI (C. Maglioni)
OK with the present rack distribution, no additional requests.
- Interlocks (C. Martin):
Need for one additional rack in BOR preferably besides the already occupied rack for the extraction interlocks. Does look feasible, but needs to be integrated.
- A lot of potential space for new racks is available around the Booster ring. To be noted that racks must nowadays be put on special frames, and cannot sit on the false floor. Crates that do not require to be put close to the injection/extraction section should go there (new BLM crates?).
- Electrical distribution for new racks must be ensured, and existing cables may be in the way. To be studied by EN-EL.
- O. Barriere says that they are setting up a database with all racks and the equipment in the racks. How can it be ensured that this is permanently updated? Y. Muttoni said that there should be a single source of information to avoid inconsistencies.

- The rack distribution and accounting must be managed centrally. EN-MEF is the obvious candidate, but we are awaiting confirmation whether they can cover this role (K. Hanke, S. Baird).
- Apparently a meeting was already held on the topic by N. Gilbert. The outcome of this meeting needs to be found and could serve as a starting point (D. Hay).
- An up-to-date drawing of the building with all present and future racks needs to be generated before the end of the year, if possible earlier.

General remark: Certain equipment groups requesting space were not represented, e.g. the BI group.