Rack Layout Developments

Murrough Landon – 17 July 2001

`http://www.hep.ph.qmw.ac.uk/~landon/talks`

Presentation at Mainz

- Pressure to fill Chris Parkmans rack database
- Suggested off-centre rack layout
- Slightly lukewarm response
- Some open questions: holes, internal walls, outlying racks?

Developments since Mainz

- The internal wall really is a wall!
- Final hole layout is now known: central hole now reserved for magnet cables...
- ...so the latency of the off-centre layout is no longer so advantageous

How to agree?

- Holes permit either central or off-centre layout
- Off-centre layout may still have slightly lower latency and has fewer racks with restricted working space
- The racks on the side we arent using still need to be reserved for possible future use by level 1.

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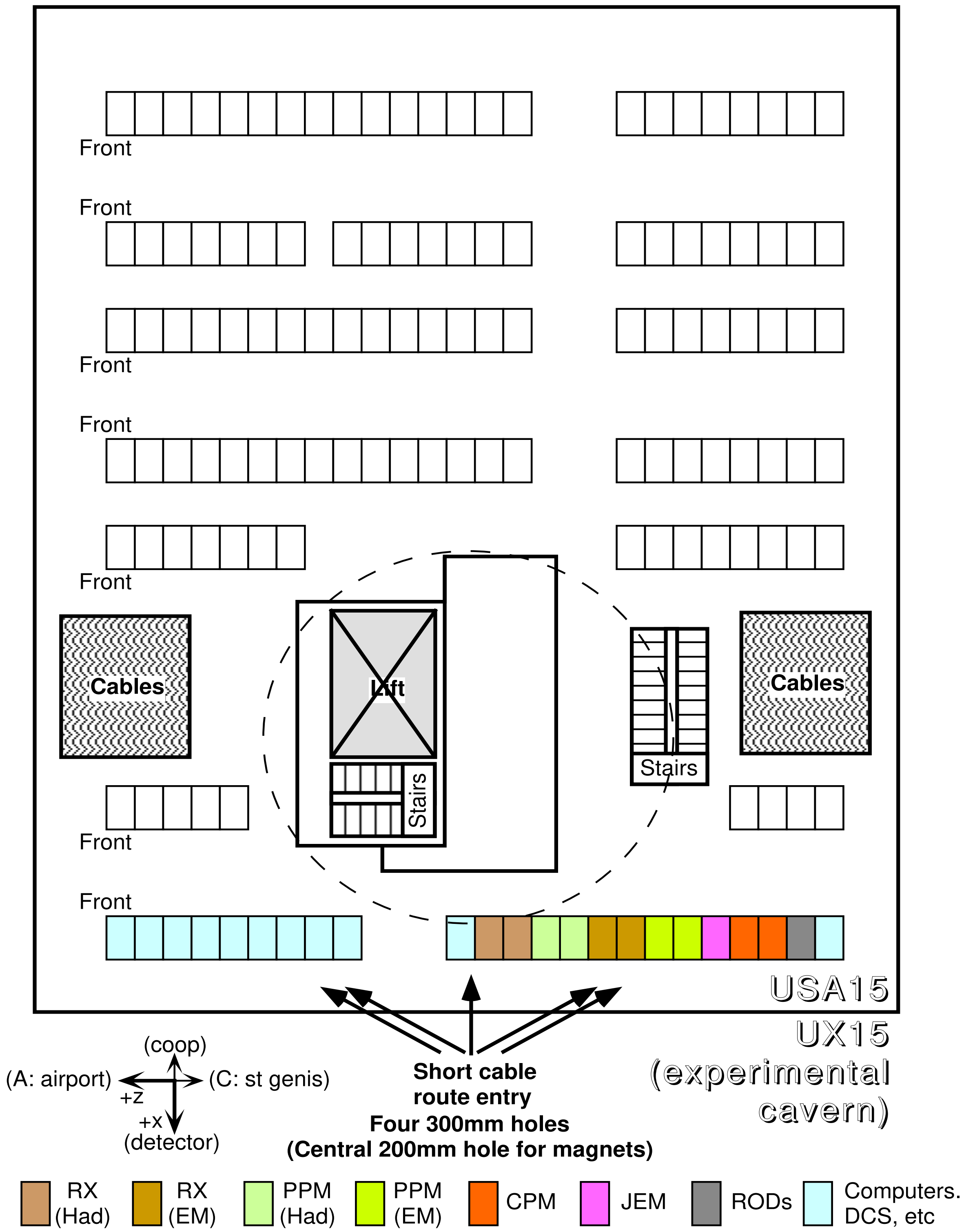
9 July 2001

USA15 Niveau 2

Plan view of racks. Those provisionally allocated to the level 1 trigger (calorimeter, muons, CTP etc) are shown in colour.



USA15 Rack Layouts

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14 June 2001