

Final doublet integration: mechanical issues

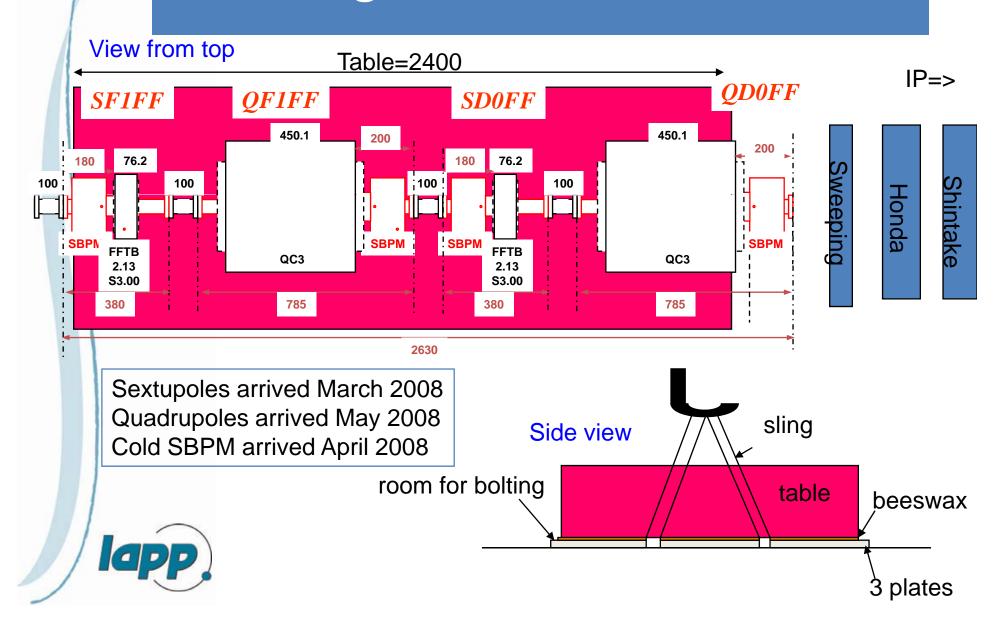
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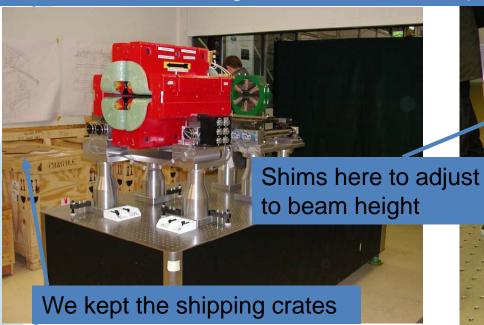




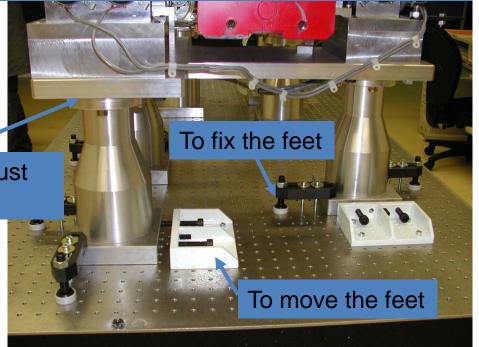
FD configuration (T.Okugi's presentation)



1 sextupole and 1 quadrupole on CERN block (easier access for the moment) to test the mover feet mounting and measurements (see B.Bolzon's presentation)









Next step: put all components on definitive table with water flow in magnets



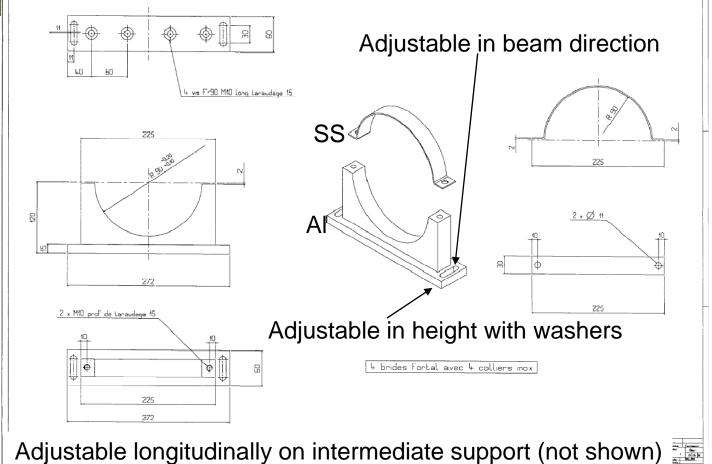
S-band BPM support

Supports will be ready mid-June

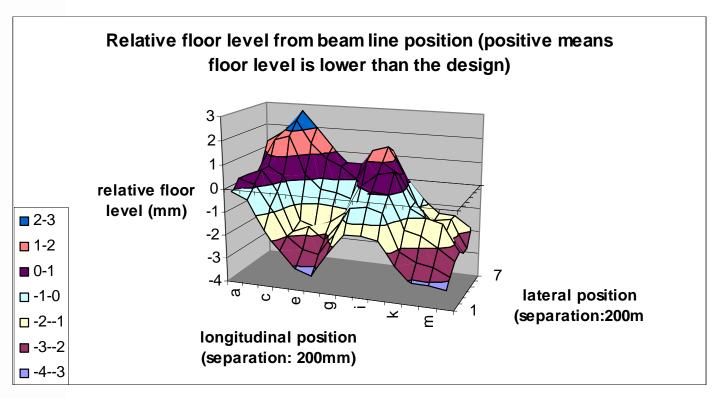
S-BPM about 20kg

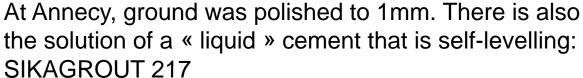
(see Eun-san Kim's presentation)





Floor measurements at FD by KEK team





Whatever solution is chosen, who does the work? KEK or LAPP when at KEK?



Schedule

- FD support studies: Installation,
 Connection to water system, Vibration measurements June
- BPM support test: Install on magnet,
 Vibration measurements June-July
- Dismounting and packing and transportation July



Once at KEK

- Install plates and bolt them on floor
- Install table on plates (need crane)
- Install movers
- Open and close magnets for final BPM installation
- Install magnets on movers (need crane)
- Adjust position of BPM wr to magnet
- Adjust magnet position wr to beam position (geometer?)

September-October



Questions

- Since at KEK, 110V, 60Hz and in Europe 220V and 50Hz, is it possible to lend us some machines while at KEK?
- When we bolt table on floor, is there a percussion drill available? Who does the drilling with KEK drill?
- Our mechanic has a LAPP crane permit. Will he be allowed to manipulate crane at KEK?
- How is the work with the alignment team coordination? How and by whom will the fine adjustments on the FD supports be done?
- Who and when will the S-BPM's be installed, including dismounting Q- and S-magnets?
- If help is needed at KEK, who do we contact?

