Kick off meeting for the MCBXF production

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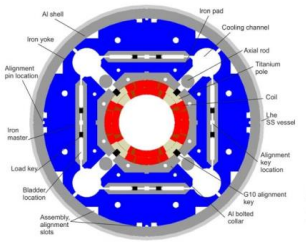
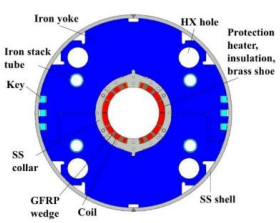
The HL-LHC interaction region magnets

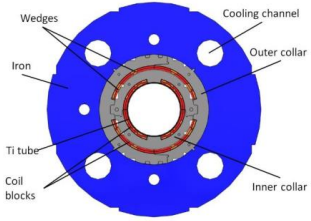
- 150 magnets of 11 different types, done via 6 collaborations



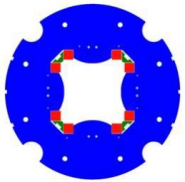
Triplet [G. Ambrosio, P. Ferracin et al.]



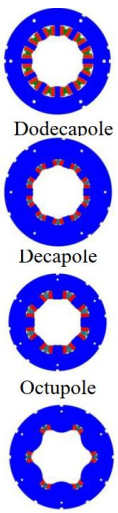
D1[T. Nakamoto, et al.]



MCBXF [F. Toral, et al.]

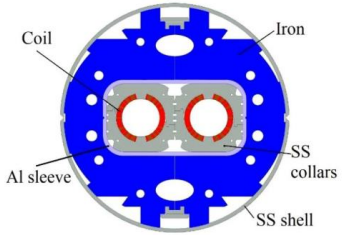


Skew quad

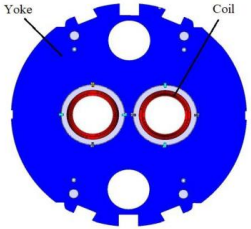


Dodecapole
Decapole
Octupole
Sextupole

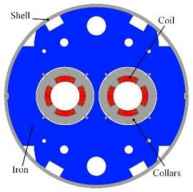
[M. Sorbi, M. Statera, et al.]



D2 [P. Fabbricatore, S. Farinon, et al.]



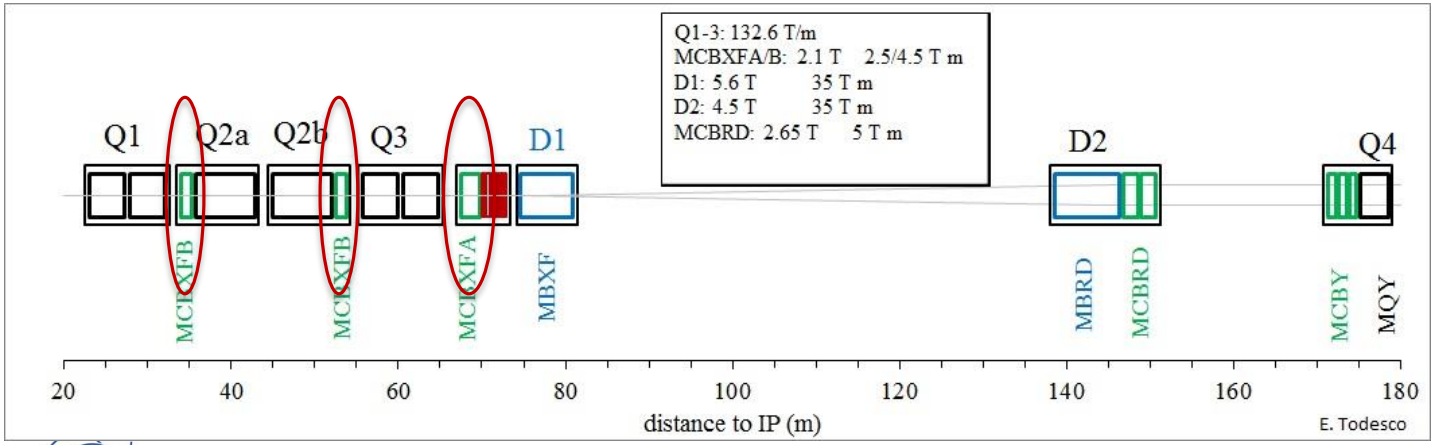
D2 correctors [G. Kirby, Q. Xu, et al.]



MQYY [H. Felice, et al.]

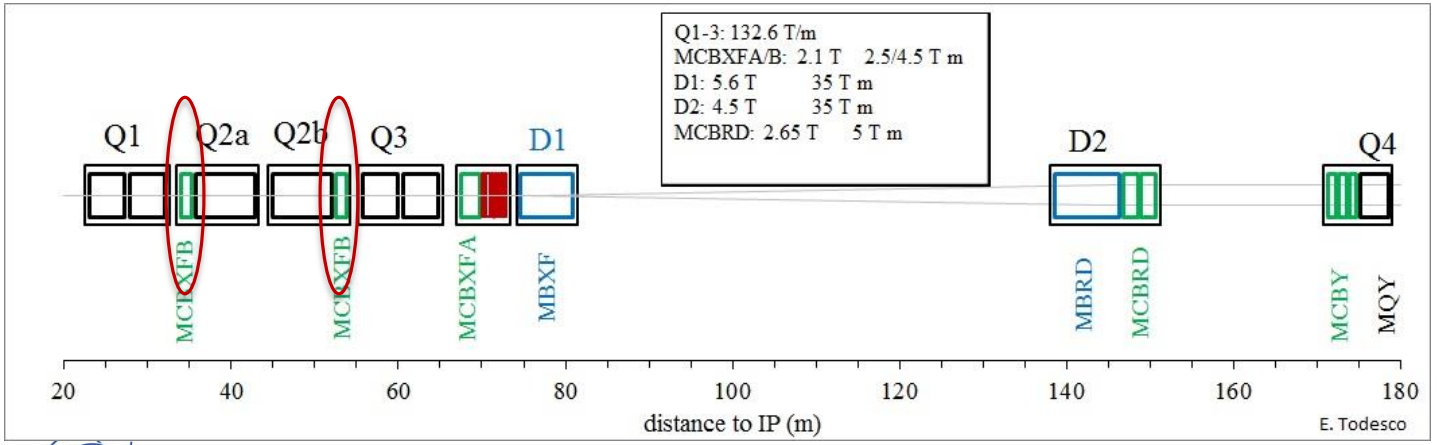
The MCBXF magnets in HL-LHC

- Two lengths: MCBXFA and MCBXFB
  - MCXBFB: two prototypes and 12 series
  - MCBXFA: one prototype and 6 series



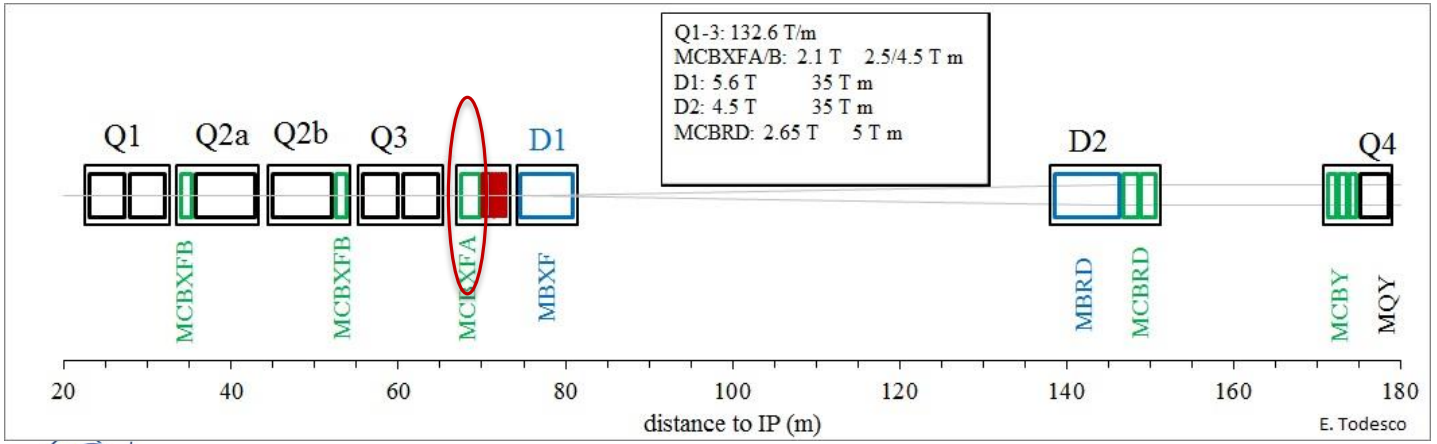
The MCBXF magnets in HL-LHC

- MCXBFB: two prototypes and 12 series
  - Two prototypes and first series manufactured in CIEMAT and assembled at CERN (two completed and tested)
  - 11 series to build in Elytt



The MCBXF magnets in HL-LHC

- MCXBFA: one prototype and 6 series
  - Onw prototype will be manufactured in CIEMAT and assembled at CERN
  - 6 series to build in Elytt



Plan of the meeting

- Magnet design (F. Toral)
- Prototype production in CIEMAT (C. Martins)
- Prototype assembly and test at CERN (J. C. Perez)
- Fine tuing of inner dipole (E. Todesco)
- Series tendering (F. Toral)
- Organization, facilities, production plan (A. Etxeandia)
- First activities and future near tasks (M. Onate)