

Status & Issues Concerning TDI

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TDI news

- Design changes:
 - metallic coating on the front and end faces
 - rounding of the edges (removing
 - ~ 2 mm of material)
 - ondulated foil (~ 0.5 mm) in CuBe (to have an elastically closed contact) is inserted in all the gaps (2 or 3 mm retracted from the beam).
- The presently built "first version" without ferrites and RF fingers has been installed last Dec. 2006 in LSS8R (will be removed after the 450 GeV "engineering run" and will be reworked as a common spare for IR 2 and 8).
- Both ferrites and RF fingers will be installed in the next 3 TDI's which will be installed in LSS2L in May/June 2007.



TDI news: outgassing tests

Preliminary results:

- confirm that hBN is outgassing as expected => it is acceptable
- -hint at an outgassing of the TDI core segment x 10 higher than expected
- => Air which is trapped somewhere in the assembly=> F. Loprete is looking into this.













