BHZ151 vacuum chambers

Jose A. Ferreira, Jan Hansen









BHZ15

- Project baseline reuse old vacuum chambers:
 - 2 new vacuum chambers (paid by LIU) and 3 old spares (old BHZ151 configuration) → Operational spares old vacuum chambers
- New set of drawings → EN-MME found the magnet aperture has been reduced



Jose A. Ferreira

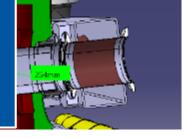
BHZ151

New set of drawings to order new vacuum

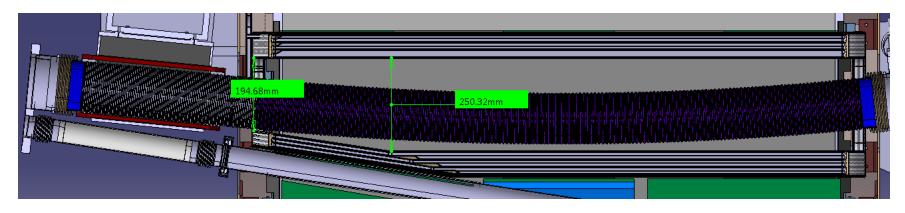
ape

cha > Impossible to use same supporting system (not included in integration model).

> Concerns about how to install **BSW** magnets



net

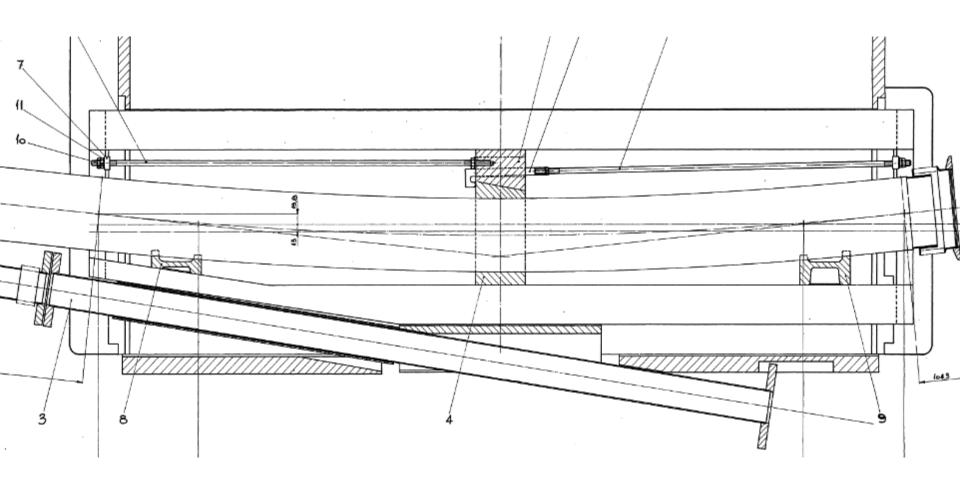






Jose A. Ferreira 12/5/2017

BHZ151



12/5/2017



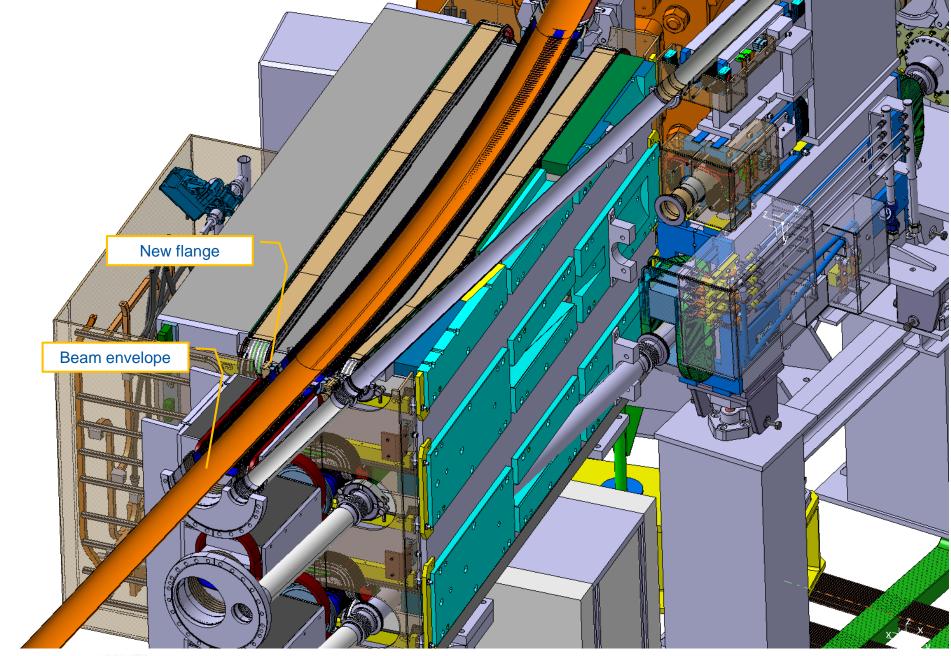


BHZ151 Proposal

- □ Same Inconel chamber inside bending like BHZ11 and BHZ162 (share spares and tooling)
- Split BSW and BHZ chamber if possible
- □ Simplify supporting (similar to BHZ162)
- Modifications of BT.BVT10 chambers

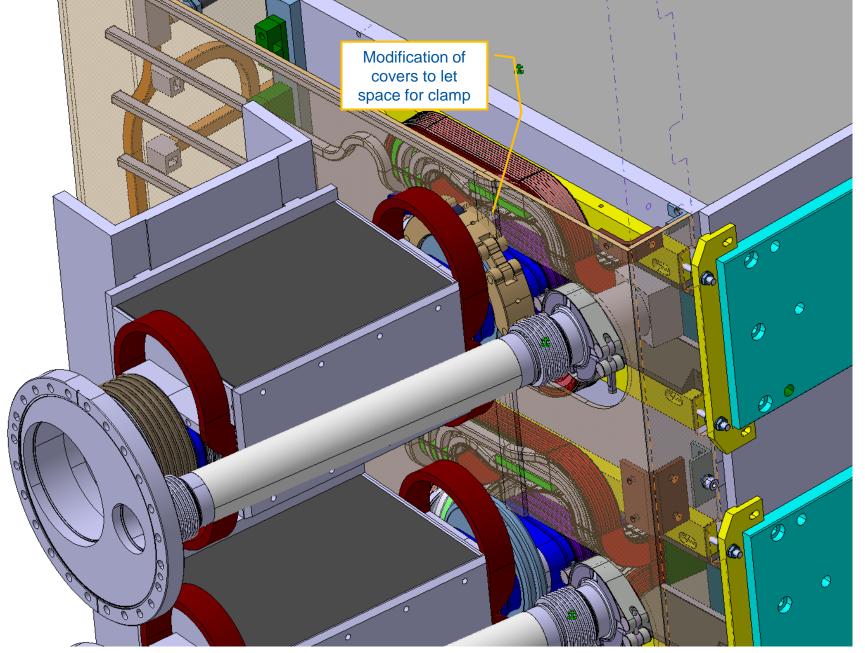






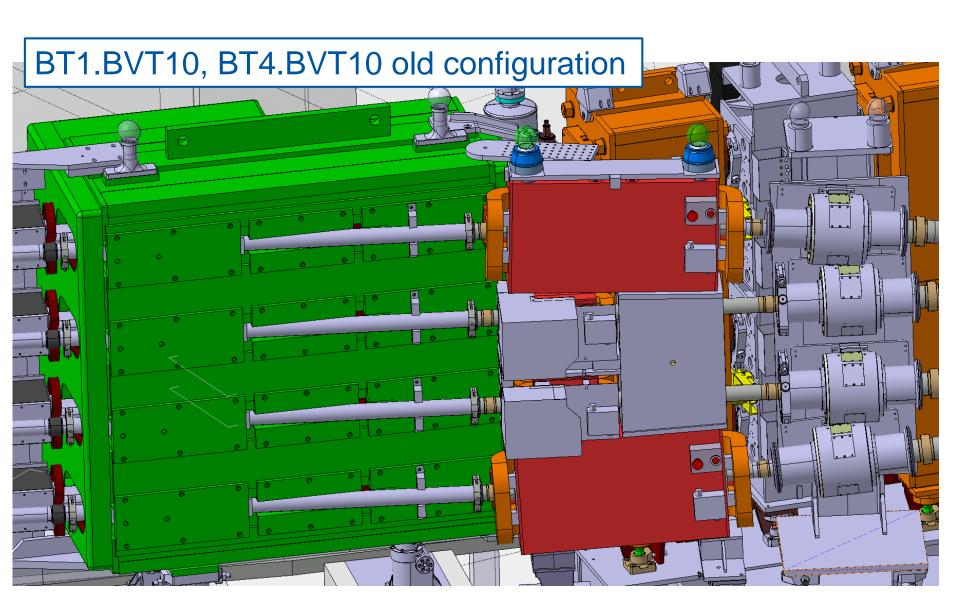






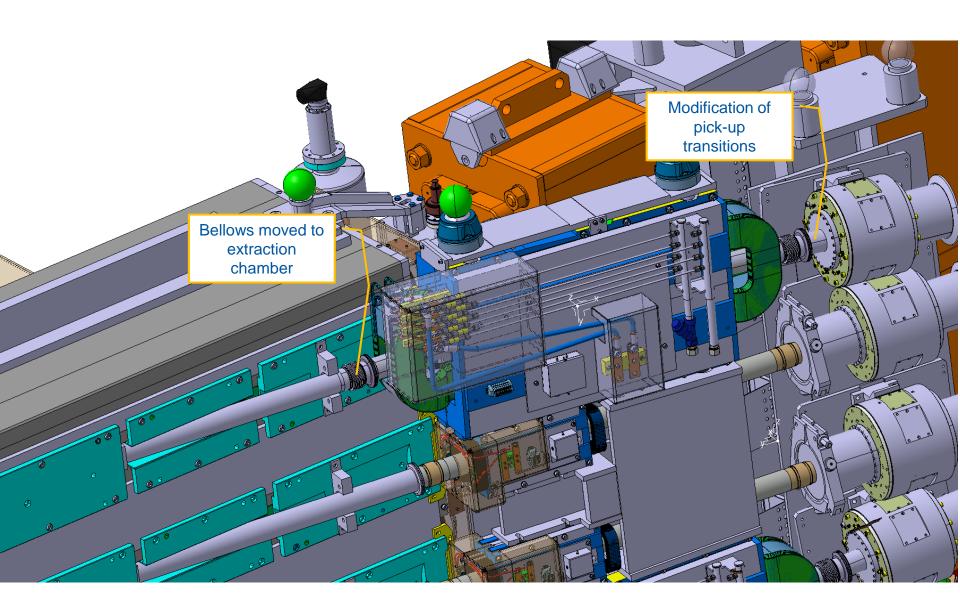
















BHZ151: draft proposals

Spare chambers

- □ 2 + 2 spares dipole chambers (30kCHF/p)
- □ 4 + 2 spares BSW chambers (20kCHF/p)
- 4 + 2 extraction chambers (15 kCHF/p)

Spare BHZ151 unit

- 2 + 4 spares dipole chambers (30kCHF/p)
- □ 4 + 4 spares BSW chambers (20kCHF/p)
- 4 + 4 extraction chambers (15 kCHF/p)

Cost: 330 kCHF Cost: 460 kCHF



