

Two-beam Test-stand Design and Construction Status

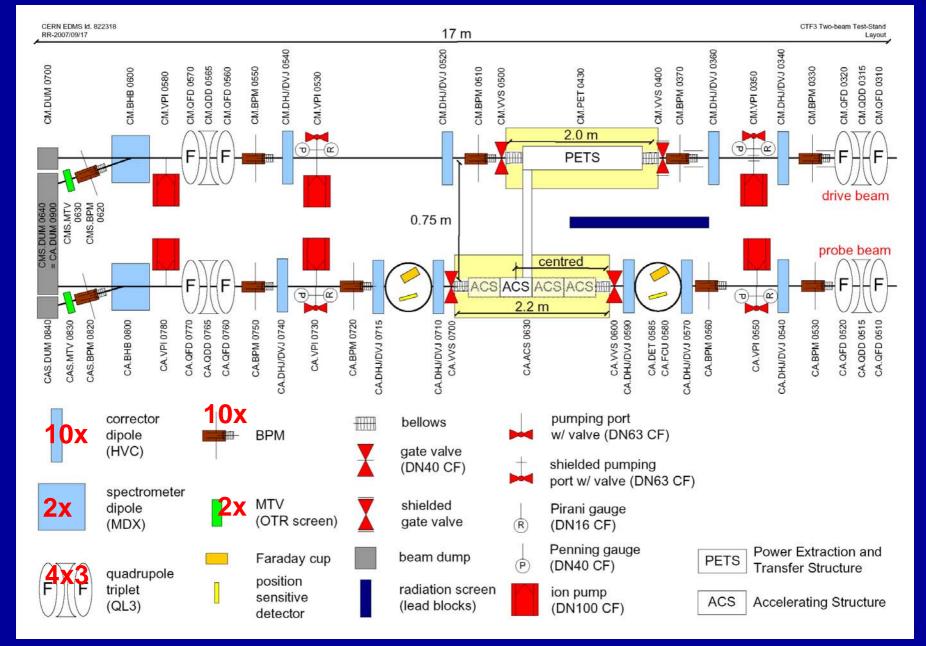
Roger Ruber

TIC
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Basic Layout







Design & Construction Progress



supports

- girders → October
- alignment tables → October

magnets

- quadrupoles (QL3) → delivery & test ongoing
- spectrometer dipoles → existing
- orbit correctors → December

instrumentation

- BPM → parts finished, integration October
- OTR → design finished, delivery December

vacuum

- valves & electronics → delivered
 RF shielded valve → order under discussion
- ion pumps → existing
- pumping pots → SUS: October, Aluminium under discussion
- vacuum chambers → dipole: November, others: production drawings



Main Design Modifications



PETS & ACS tables

- ACS table extended to 2.2 m from 1.5 m
- ACS centered & RF inlet aligned to PETS waveguide outlet

interface to CALIFES

- CALIFES beam dump moved down stream
- TBTS probe beam moved 1 m towards CALIFES

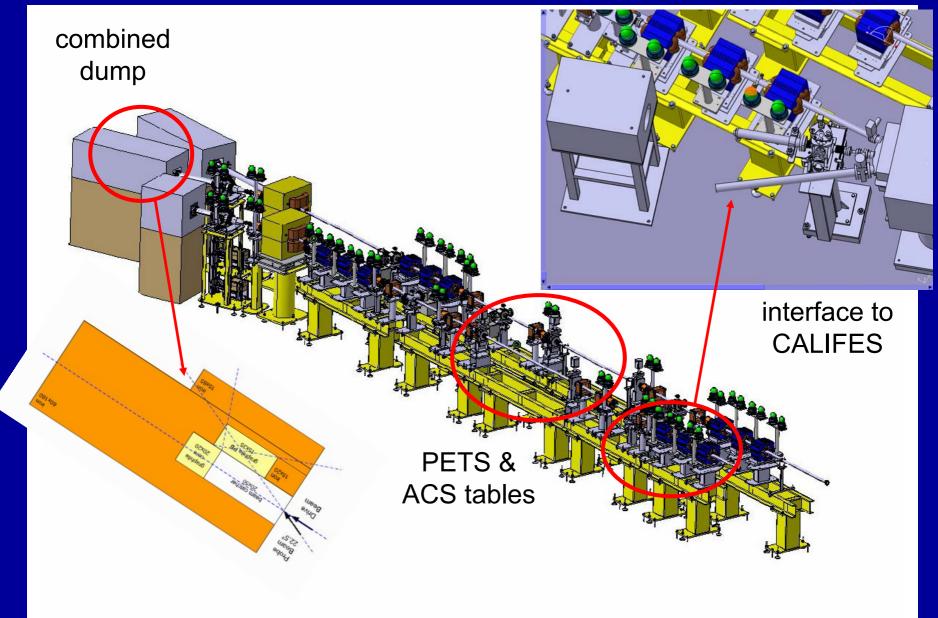
beam dumps

- combined probe & drive beam dump to save space
- TBTS moved upstream to free 2 m b/w TBTS and CLEX wall



Design Layout







- Design work finished, working on installation drawings
- All main parts ordered, remaining vacuum chambers in coming weeks
- Installation work starting October

Thanks to the excellent help of Bruno, Nicolas, the CTF3 team and the CERN & Uppsala workshops.