

Vertical Test Stand Update

C.M. Ginsburg
For the VTS group

VTS Cryostat Procurement

- Currently in Procurement Department
 - Ron Evans, buyer
- Send out to vendors by end of week
 - ✗ Ability Engineering (South Holland, IL),
 - American Magnetics (Oak Ridge, TN),
 - Cryofab (Kenilworth, NJ)
 - Cryogenic Plants and Services (Linde), (Tulsa, OK)
 - CVPI (Emmaus, PA)
 - Meyer Tool (Oak Lawn, IL)
 - PHPK (Columbus, OH),
 - xyz company (WI)
- 3 weeks for vendors to respond
- 1 week for bid evaluation
- Award contract September
- Funds already allocated, so \$\$ “spent” in FY06

Assorted VTS News Items

- **Aseet Mukherjee** is designing a thermometry system for 9-cell cavities
 - R&D underway; plan cryo test of cheaper thermometers in ICB (help from E. Barzi)
- **Andrei Lunin** made preliminary RF design for a VTS input coupler
 - Will prepare some plots showing operational range in terms of measurement quantities, then mechanical design
 - Fixed input coupler for VTS commissioning, then variable coupler (2nd top plate) for future flexibility
- **Valeri Poloubotko** to design the radiation shielding lid mechanical design and motion control system
 - Final design requires one more iteration with Igor Rakhno to include final civil construction detail drawings

Elsa: "But Mommy, why are you working on a hole?"

VTS Civil Construction Complete

labyrinthine
instrumentation
trench

recessed area

vertical pit



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