

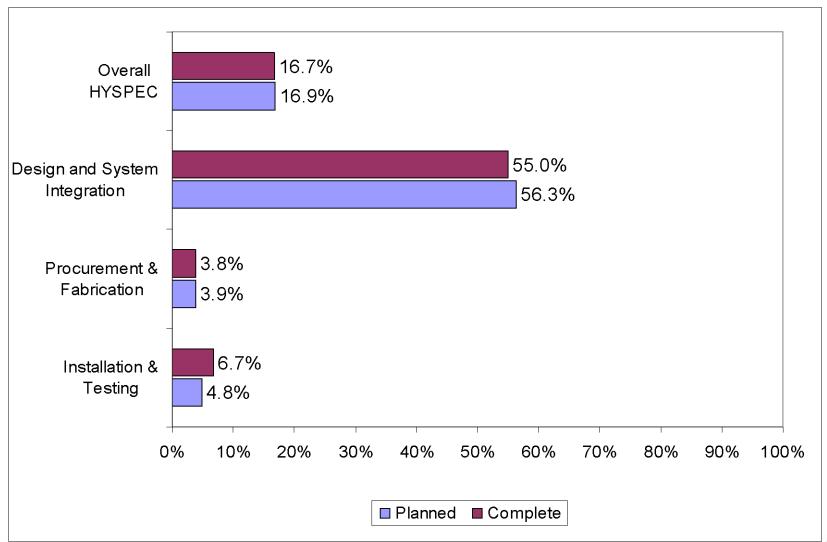
HYSPEC Instrument: Status and Performance

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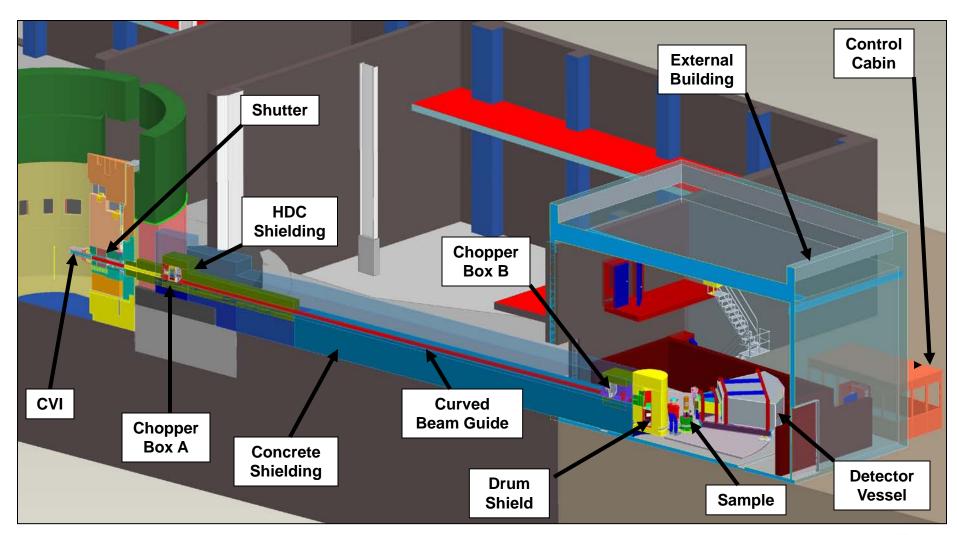
Instrument Performance by Phase







Overview







External building

Share common foundation slab with BL13 (FnPB)

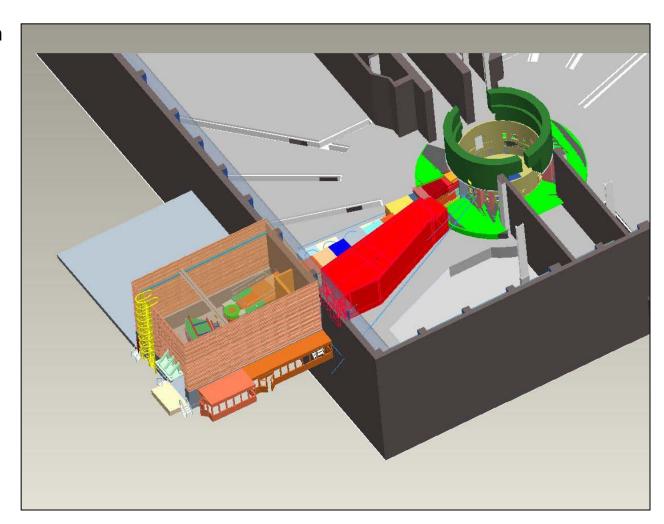
Year 1 – Foundation slab + HYSPEC building

Year 2 – FnPB building

HYSPEC specifications are done.

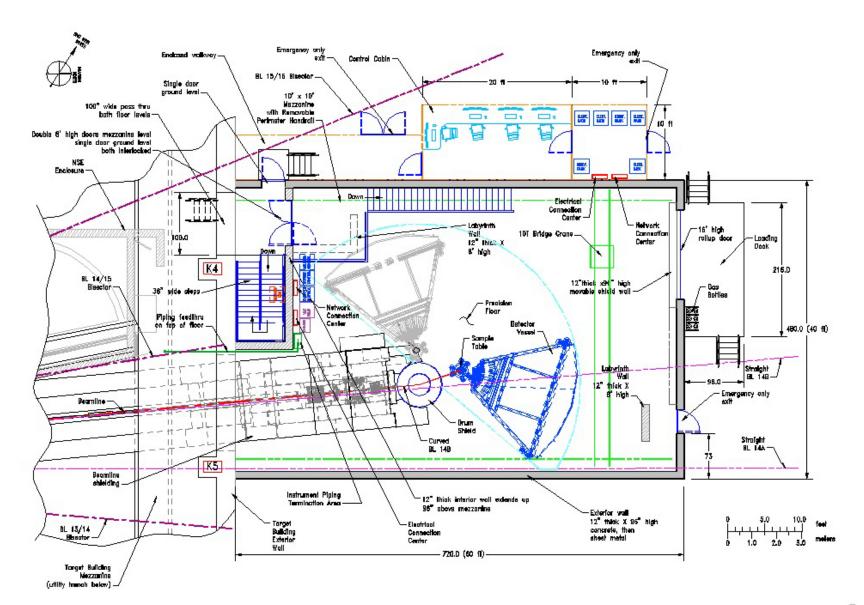
FnPB specifications are almost done.

A&E bids in July/August.



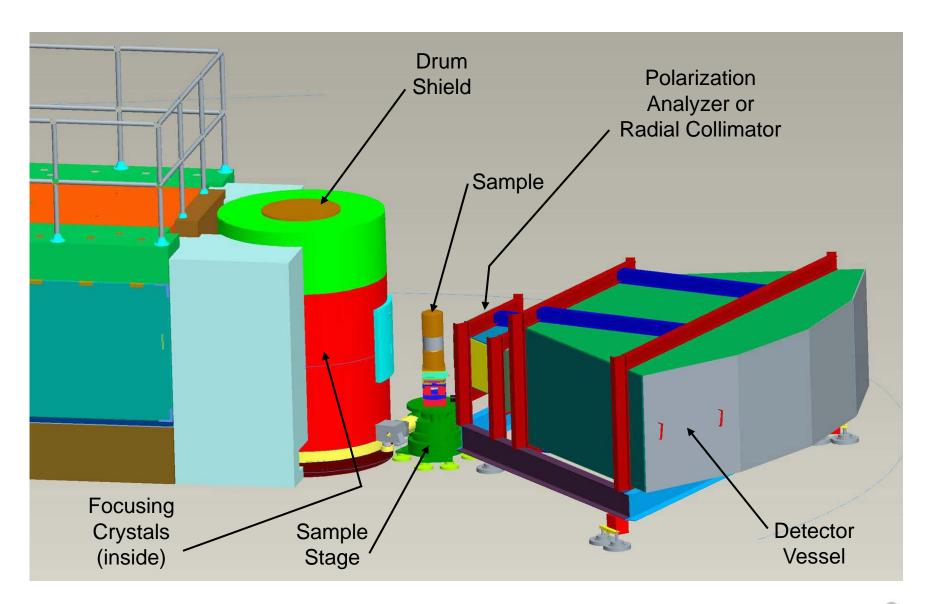












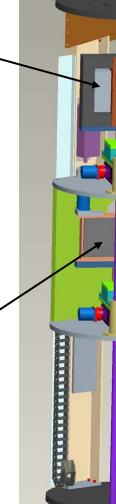






Polarizing (Heusler)

Ordered 33 crystals from ILL First 11 in December 2008 Second 11 in June 2009 Final 11 in December 2009



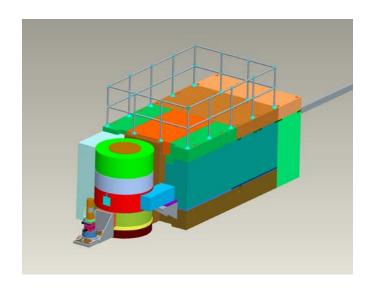
Non-polarizing

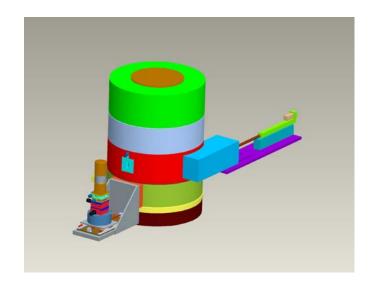


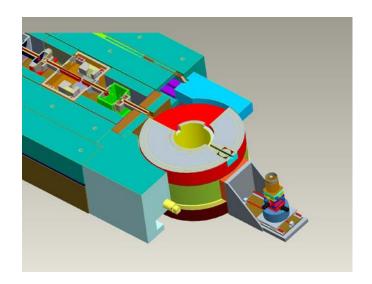


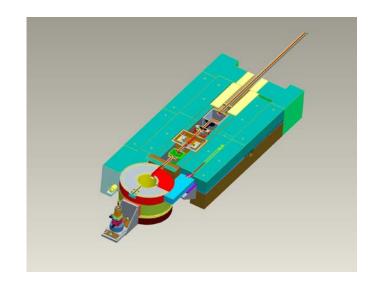
















IDT Executive Committee Meeting

2nd April 2007, CNMS, ORNL

Peter Allenspach (PSI), Rob McQueeney (Ames/Iowa), Jim Rhyne (LANL), Steve Shapiro (BNL), Igor Zaliznyak (BNL)

SING

Schedule

Engineering design

Buildings

Procurements

Polarization – mirrors & ³He







Summary

- Design is continuing
 Completed = primary beamline (choppers, guides, shielding)
 Current = drum shield system
 Future = sample stage, detector vessel, ³He polarization analyzer
- Procurements = CVI, BSI, T0 chopper, Heusler crystals, (A&E drawings for building)
- Installed = CVI, BSI, 6-15m poured in place



