LST Installation Readiness Review

Storage and Testing Area in the SLD Collider Hall (CEH)

May 5th 2004 at SLAC

• Gas System
• Space
• Storage
• Leak Check
• HV
• Testing
• Repairs
• Cosmic Tests

Carsten Hast, EFD

For all the Many Involved People
Gas System I

Gas Pad

Control Panel
Gas System II

Distribution Manifold

Safety Bubbler

Pressure Regulator in Pit

Exhaust Vents

Exhaust Bubblers

May 5th 2004
Carsten Hast, EFD
Pit Layout

- Computer Area
- HV Racks
- Storage Area
- Surgery Table
- Staging Area
- Cabinets
Storage

UniStrut structure to hold H-Box stacks in place (needs revisiting)

Cabinets for this and that
Leak Checker

Available since ever...
Testing – Repairs and Staging

1st (?) z-Plane

Big Table

H-box Lifting Tool
Cosmic Tests

Cosmic Skate Board (3t)

Cosmic Stretcher (70 lbs)
HV System

Currently we only have 2 Bertran channels in the pit which makes testing of many channels a little bit tricky…

… so we will need to find the solution during this week
Storing and Testing
Summary

• We are ready
• Infrastructure is ready
  • Pre-Mixed Gas should come any minute
  • we will need many more HV channels

Just send us many many many many H-boxes…