

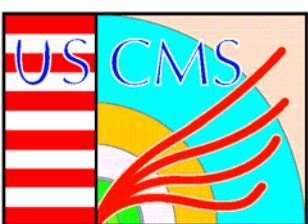


Cosmic Test Stand

- Cosmic Test Stand at B904
- Purpose
 - A platform where hardware and software development may take place without interfering with CSC operations
- Includes
 - Complete vertical slice of CSC in former integration racks
 - Continued peripheral crate test station in lab
 - But without a chamber

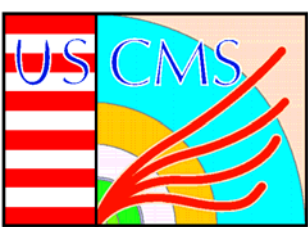
General layout

- CSC
 - 1 small chamber
 - With Gas and HV
- PC
 - 2 fully occupied crates (1 at a time connected to CSC)
- TF
 - Crate plus modules for a complete trigger system
- FED
 - Crate plus modules for a complete local DAQ
- TTC / LTC
 - Clock and trigger for local runs



Detailed Layout

- **CSC**
 - 1 small chamber that has been at B904
 - With Gas > ArCO₂ premixed supplied locally
 - and HV > CSC HV system supplied by Alex
 - And LV
 - Now temporary LV supply
 - Finally supply from Maraton
- **PC**
 - 2 fully occupied crates (1 at a time connected to CSC)
 - LV
 - Now temporary LV supply
 - Finally Maraton supply
- **TF**
 - Crate plus modules for a complete trigger system
- **FED**
 - Crate plus modules for a complete local DAQ
- **TTC / LTC**
 - Clock and trigger for local runs
- **HV**
 - HV setup to operate 1 CSC
 - Main development to remain at ISR
- **LV**
 - Move LV test station from ISR



Who, What, When

- **Alexander Golyash**
 - Coordinator of B904
 - Keep him up to date on plans
 - Contact him for changes, use, etc.
- **Petr**
 - Helping to set up infrastructure such as gas
 - LV
- **Alex - HV**
- **OSU**
 - Grayson, Phillip and Stan have set up FED plus computers for pcrate control
- **RCMS etc.**



Computers

- emuslice06 SM FNAL#099964 in rack E1A30, upper of two
 - emuslice02 SM Rice? In rack E1A30, lower of two
 - emu??? SM FNAL#097178 on floor in lab
 - emuslice12 SM FNAL#099655 on floor in lab
 - emulab3 desk UF on floor in lab
 - uftctg03 desk UF on floor in lab
 - emucom02 desk emu in lab connected to Pcrate
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- What are each of these for?
 - Where should each be placed?



Software

- RCMS
 - Need copy of full operating system
- DCS
 - Do we need copy here?
- Other
 - Home base for firmware development
 - Home base for expert testing of hardware and software