

Nov. 6

Wednesday, November 6, 2013  
2:07 PM

Mark, Geoff, Irkhi, Chris H, Seppo,

- \* Libertad. - Coil
  - Geoff - open top of magnet
  - shorten coil - yes • A lot more room!
  - Pb shield - radiation? NO for now
    - old simulations
    - shielding issue: fast neutrons?
    - remove it → need calculations
    - Geoff: agrees with Seppo.
  - Tim leaves Nov 24 - Jan 10.
    - need someone to backup Tim

- \* Project: Seppo
  - timelines
  - talk with Libertad:
    - a) design
    - b) construct
    - c) mapping ⇒ arrives.
  - Geoff - dates for reviews & estimates

- \* Target Chambers
  - coming any time
  - talking about chemical disposal.
  - procedures: report next week.
  - filling manifolds? JINS?
  - reloading? → tritiated gas?
  - can it stay sealed?
    - what if we have to fix something?

- no other group. → send it out
- also filling station?

Seppo

### \* Preamps - Mark

- iterating on cooling. - reduced # vent holes.
- $\frac{1}{2}$ "  $2 \times \frac{1}{4}$ " lines,
- will be tested soon. → noise
- forced air not in cave.

### \* DAQ - Nadia

- 1½ week plan:
  - new control computer / bridge?
  - new modules.
- Contact Uky about Modules \*
- Geoff: Brad said USB/parallel not reliable.
  - send USB/parallel down \*

### \* Simulations:

- Nadia has Kyle's MCNPX, will take time.
  - Geoff: need at least a model for Jan.
  - need to have IRR before shutter
  - calculation 3 months before → neutronics group.
    - report

### \* Worries

- Geoff:

• getting all of the pieces together  
(complete design)

- if problems in stringing wires ...  
Mark needs help.

- cabling + ... waiting on PCB's.
- ask each subsystem manager. \*

- Seppo: project has different phases
  - parts under fabrication
  - delays in magnet.

### \* Integration / Alignment

- Geoff 2 topics together.
- let's have another local meeting \*