

Jan 8

Wednesday, January 8, 2014  
2:00 PM

Mark, me, Jack, Geoff, Chris, Kabir.  
Seppo., Chris., Josh.

- Mark back on Jan 25<sup>th</sup>.  
circuit boards by mail a week later.

- TRR -

- need to review schedule.
- identify key people for tasks.
- Seppo. send message to people
  - check draft schedule.
- clean up work packages.

\* Integration - Josh

- seismic?
- balance all on fixed NPDR stand.
- Mark - use 2 smaller end stands for coil
  - middle stand for target chamber.
  - posts on small lead wall.
  - transfer on rails w/ wheels on T-slot.  
move chamber along rails.  
lower on to NPDR det stand.
- alignment.
  - preliminary design - sketches
  - drawings - Josh.
  - UT machine shop.
  - meeting on Friday?

\* B-field

- mapping after final adjustment.
  - design V-block

- deliver by May.

### \* RFSF

- inner cylinder at UT Shop - done this week?
- outer cylinder here
- shrink tubing ordered - next week?
- need to finalize drawings for Al shell.
  - send drawings to Josh.

### \* issue: placement of SF?

- fringe of SM Pol compensator - Libertad
- transverse mode: can we run SF forward.
  - Chris - calculate how far forward - 3 weeks
- collimation - closer the better. - I'll send paper.

### \* Target

- Mark 25<sup>th</sup>, circuit boards 3<sup>rd</sup>.
- stacking frames quick
- soldering wires  $\geq 1000$  wires!
- check assembly alignment before chamber
  - use honeycomb optical table.
  - borrow vertical stand/dial indicator
- vacuum / leak checking, have
- EDM ultra pure 3He system
  - ~~all cold traps exist~~ comes with getter.
  - (for light collection system.)

### \* Preamps / DAQ.

- waiting on cable to test preamps.
- meeting Friday w/ Mark
- want to order DAQ right away.

- isolate clean DAQ. optical isolator.
  - inhibit signal  $\rightarrow T\phi$
  - $T\phi \rightarrow$  clean DAQ.

- Kabir. has plans for false asym setup.

\* dry run 10:30. Thurs.

\* Abstracts for APS: