

Aug. 14
Wednesday, August 14, 2013
4:04 PM

Geoff, Michael, Marc, Matt, Josh, Tim
David

- * Geoff - support structure - different time?
 - new student Chris Copola
 - add to agenda next week

* Progress

- + Libertud - preliminary design
 - Tim will simulate in flight path
 - start construction mid-Oct.
 - mapping of field mid-Jan
 - coil support - discussion next week
 - need one person -
 - we have solid model from Rick.

+ RFSF

- timeline:
 - a) finalize wire layout - 2 weeks (electrical design)
 - a) design prototype outer layer → 3d printer - 2 wks
 - b) design inner cylinder → UT shop -
 - c) design outer coil.
- last week: UT will make inner coil
 - additional modelling detailed design
 - can use less wires?
 - ends of coil: flat endcaps with hole for beam so wires don't hang in space. (All wires)

+ ION chamber

- not much changed - few more orders
- purchased RGA, acquired high vac. chamber. will measure partial pressures
- waiting for machining of mounting plate → Sept.
- will ship to SNS end of Sept. or early Oct.
- will come to ORNL to finish
- 3He filling?

- + Preamps
 - bottleneck: board designer
 - sent out proposal for preamps. A-H.
 - need to reroute wires to get 4 planes w/ 32 wires in each port.
- + ADC's
 - Jlab specs: Qweak $1/2$ bit noise sampling ADC.
500 kHz 18-bit TRIUMF module.
- special meeting to resolve preamp design
Friday