UITF Update July 14, 2014

1. 1497 MHz choppers have been tested to 225W. They appear to be happy at this power level, which is approximately 10 times the typical value with 100kV beam. At 200 W and 350kV beam, we get a 10mR kick, corresponding to 0.75cm deflection (1.5 cm “circle”), with choppers spaced 1.5 m apart. Will need a good water skid/temperature regulator for stability.
2. Cave clean up continues, things looking good. Many components moved to walkway for temporary storage. Jim’s room has been cleaned up, time to install work tables.
3. “Useful” stuff can now be moved to room 1137. Need GN2 flow meters and 240VAC. No point moving to 1137 until 240VAC is available, work request pending. Need to identify locations for work benches, vacuum test stands (x2), CsK2Sb depo chamber, H1 chamber, portable H chamber.
4. HDIce LHe now better defined, info provided to Kelly Dixon

To do:

1. Continue to mull over design, Model the beamline with particle tracking code?
2. Finalize the SF6 tank design, send to procurement
3. Clear out all SLAC stuff
4. Continue to throw out garbage, move useful stuff to sensible storage, organize the cabinets