

Meeting – January 27, 2012

1. Friday To-Do:
 - Piping lengths for cooling system
 - Review SDR before submitting to Bill
 - Look into shocks/struts/etc.
 - Meet with Varela (1 pm)

2. Went to compressor room and took measurements for pipe lengths for cooling system

3. Talked to Dr. K:
 - P12453 should be getting some numbers soon from testing
 - Get some tools:
 - 1" - 2" Deep Socket Set
 - 1" - 2" Combo Wrench Set
 - Torque Wrench(es)
 - Not Girly Clock
 - Coat Hanger
 - Valve Seats
 - Crab Puller - (Think we can make this)

4. Chris talked to Scott when they were here to help the other team. Scott suggested making a cooling system that doesn't necessarily change from pump to thermo by just changing valves...potentially make a swappable system that has ~½ day changeover time involved.

Dr. K said this wouldn't be terrible, but would prefer a valve system so that the thermosyphoning system isn't just forgotten about once it's removed.

5. Meeting with Dr. Varela:
 - Crack in floor in basement not good
 - Not sure how to do fatigue analysis in concrete. Need to consult literature and other sources. Check back with Dr. Varela in a week or so, he's going to look into it more for us too.
 - Need to try to figure out what kind of concrete floor is made out of for properties
 - Gave us some references to look at

6. For Next Week:
 - Chris and Matt – Keep working on models
 - John and Ryan – investigate concrete analysis more