

ARCTIC Notes

Attending: Alaina, Joe, Bill, Russell, Conor, Suzanne, Russet, Alysha

- 1. Update on dewar and mechanicals -- Joe
 - Last week the coating facility had roof leaks. First attempt was bad, second was great. Interior coat was excellent. Overall it looks great. Very happy with it, it should perform well.
 - Internals shaping up well. Working on connectors etc. Ordering last few parts.
 - Plan to pump on it 2nd or 3rd of September.
 - Lakeshore should be at APO soon. Valve and other parts are on order.
 - Joe watched them make our cold plate. Pretty cool!
 - All in all, making good progress!
 - Bill asks what is needed for heat load testing?
 - Joe -- will need cold plate a dummy CCD with heater. Joe will be at APO from 9-2 to 9-11.
 - Bill -- What are the next parts to be machined?
 - Joe -- Lens cell for L1 and L2, by CVE.
 - Bill -- Coating?
 - Joe -- It would be nice, yes.
 - Bill -- Ship or in person?
 - Joe will ship.
 - Joe -- Goal is to work with CVE as much as possible, so future work will be easier with them. Low precision stuff may be sent to UVa.
 - Suzanne asks how we are doing on budget.
 - Joe -- A few thousand over, less than 10k. Aluminum Nitrate plates are over, but it's a good idea to have extras.
- 2. CCD Update -- Joe

Monday, August 25, 2014

- Being thinned at Lesser. They will not coat without talking to Joe first. Should be ready by the end of September, then integrate with Leach.
- Leach schedule clears up in October. Been clarifying PO and order.
- Next big decision is coating in a few weeks.
- Our coat should be available, but have not sent us a plot for it yet. Hope they aren't procrastinating coating development.
- Suzanne -- Coating schedule is driven by Leach's timeline. Joe agrees that all parties are on the same page.
- 3. Other
 - Joe, Russell -- We need an ICC ordered. Ask Fritz to get computer ordered. Must meet Leach's specs, and would like it over-built a little.
 - Want a dual Windows/Unix machine for Leach engineering staff (Windows).
 - Once lab testing is done, we can turn it over to Russell.
 - Suzanne to Russell/Conor -- Anticipate working on this soon?
 - Yes. This is the next major thing. Russell will talk to Suzanne about LSST.
 - Conor -- A little swamped with Plate web app, but should be better in a month.
 - Bill will get Russell a copy of the GIFS ICC.
 - Joe -- Leach will supply more updated libraries. Want whatever runs the instrument the fastest. Don't want to back ourselves into a corner by copying the GIFS ICC. Suzanne agrees to use GIFS as a starting point.
 - Bill will talk to Fritz about ordering the computer. We aren't concerned with the cheapest option.
 - Alysha -- Should we talk about testing?
 - Joe -- Not yet. Need to organize and think. Let's talk in 2 weeks. Suzanne will also be around.
- Next meeting -- Monday Sept 8.