ARCTIC Telecon

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

- 1. ICC update

  • ICC software is in the works. Russell has a C++ class written. He has found a few problems regarding subframing and the first exposure in a sequence is always garbled. The Owl software from ARC exhibits the same failures. Working with Leach on resolving these.

  • Fritz is still working on the new computer hardware. Although the kernels are nearly identical to the development machine that Russell and Joe are using, it is still not working. The machine crashes when passing data from kernel to user space. Suzanne asked if we should abandon the computer and buy a new one. Joe responded that we have the time to resolve these things before we decide wether to switch to new hardware. It is worth giving Fritz more time. A schedule was decided that Fritz would have the camera in the evenings, nights and early mornings and Russell during the work day so conflicts do not happen.

  • Software for shutter and filter wheel still quite a ways away given that hardware is yet to be built.

  • Russell will be wrapping things up to work full time on LSSST. Conor will take over further ICC development in January.

- 2. ARCTIC Shutter report - draft

  • Joe gave an introduction to his paper. Suzanne asked how much work it would be to install the Bonn shutter later. Joe said he has addressed it in his paper but he is designing the instrument for the two to be hot swappable and a configuration file change.

  • Suzanne asked for lead time on Bonn shutter, it is 6 months. Joe's shutter is 2 - 3 months.

- 3. Other?

  • Optics order is placed and manufacturing at Cosmo has started. 18 weeks ARO.

  • Joe asked a question regarding witness slides from the coating runs of the lenses as for how many. Bill responded 2 per side per coating run is sufficient. So if all 3

lenses are coated separately then it would be 12 slides, otherwise if all are coated together just 4. 2 per side, given each side of the lens is a different coating run.