

Weekly Update—June 25 thru July 1
Harry Hall

To Do:

- 1) Finish beam waist calculations and analyses—Desk work
- 2) Characterize fibers—**2-4 hours lab time**
 - a. Equipment needed includes: fibers, fiber illuminator, optical setup used in measuring laser
 - b. Presence of expert required**
- 3) Design telescope for laser/fiber coupling—desk work
 - a. Will require lenses, optical equipment, etc. However probably not until next week

Equipment

- 1) Fibers, fiber illuminator, optical setup in PD table.
 - a. Status: In lab, illuminator may be being borrowed in the short term
- 2) Lenses, optical equipment for telescope
 - a. Status: Not ordered, not yet designed