Laser Ranging – Ground System

- **Progress**
  - **New wavemeter arrived and was used to determine wavelength. Both lasers are same – wavelength 532.2 nm. Expect to move the primary laser to SLR2000 at the end of June.**
  - **Radar drive problems fixed. Radar installed at SLR2000 but not yet hooked into mount servo system. Satellite tracking attempts with LRO laser will begin in July.**
  - **LRO laser beam expander is being worked and delivery is expected late July.**
  - **New SLR2000 scheduling software (with LRO added) is ready for testing with FDF generated CPFs. Received Dave Rowlands generated LRO predictions and are currently testing with them.**
  - **Visual testing of SLR CPFs (tracking sunlit satellites) has been delayed due to other issues at SLR2000 and MLA-Earthlink experiment.**
  - **Jan and Greg still need to get together to finish up defining which CRD records will be used for LRO. Sorry this is taking so long (blame MLA-Earthlink).**
- **Issues & Risks**
  - **MLA-Earthlink experiment is scheduled for week of June 17th at 48" telescope. Most of our manpower will be spent on that work from now through late June.**