

# Laser Ranging Ground System

- **Progress**
  - Polycom is setup and working at NGSLR (2<sup>nd</sup> line into bldg, 6-3886). Thanks to Greg Neumann and George Tahu for finding one.
  - LR global schedule testing completed. Samples were delivered to Ralph and to LOLA-SOC in preparation for MRT5d.
  - I/O chassis is ready for installation into system. Amongst other things it will allow us to connect the Range-Gate-Generator to the LRO laser so that the software can control the laser fire. All testing with laser to date has been asynchronous.
  - Replacement transceiver bench optics for higher power are in hand and will be replaced by end of February. We will then be able to output full power and will attempt ranging to GPS (at 20,000 km).
  - Working with LR Instrument Scientist (X.Sun) to get ready for required ground system timing tests. Tests are expected to take place late March 2008.
  - Operator expected to start OJT next week. He will be part time on NGSLR.
- **Issues & Risks**
  - None.

*Happy Valentine's Day!*