## Laser Ranging to NASA's Lunar Reconnaissance Orbiter (LRO): Ranging Data Results







Simultaneous LR from GO1L & GODL





Accuracy of solution using GO1L-MODL-MONL baseline: - range ~0.5 meters - cross-range RA direction ~ 50 meters - cross-range Dec direction ~ 350 meters (due to weak north-south baseline).

If we had 6000km baselines we would get 5 meters in the cross-range directions (Ra/Dec) and about 0.5 meters in range.