

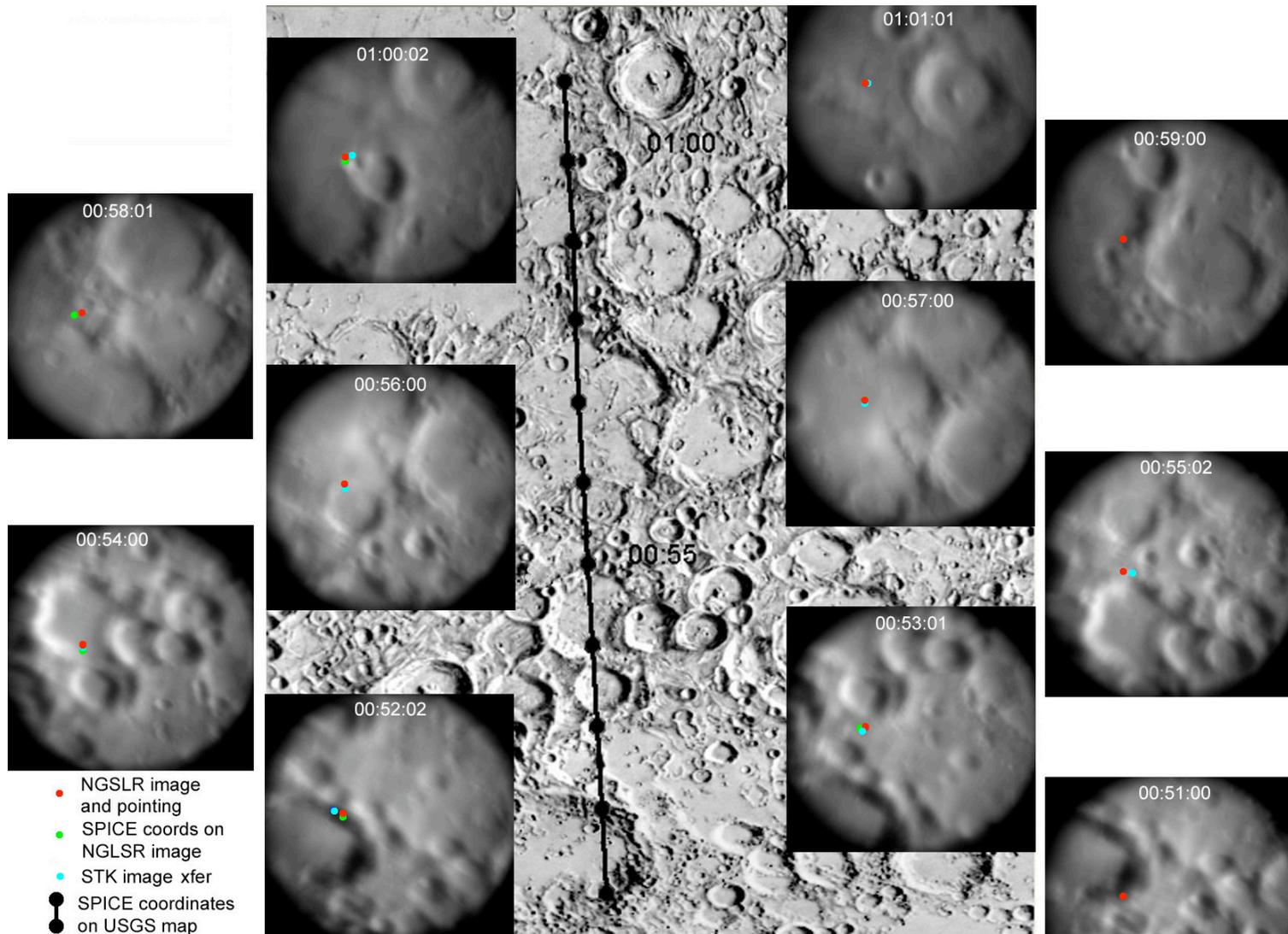
Laser Ranging Ground System

- **Progress**

- **Successful completion of LR E2E testing on 8/26/2008 (Yeah!). Thanks to everyone who supported these tests.**
- **Timing tests with Instrument Scientist will occur in September, as soon as one-way system delay measurements and analysis have been completed.**
- **Selection of participating ILRS stations will be made in September. We have 2 proposals submitted with 2 - 3 on the way. MLRS (University of Texas) will participate, and we are working on an upgrade for NASA's MOBLAS-5 (Australia) and MOBLAS-6 (South Africa) that may allow them to support LRO ranging.**
- **CRD delivered to FDF in August.**
- **New predictions with SPICE kernel received from FDF this week. This will allow us to complete our final LR tests.**
- **There will be at least 2 presentations given and a splinter meeting held on Laser Ranging to LRO at the upcoming International Laser Ranging Workshop in Poznan, Poland (Oct 13-17). All of the participating ILRS stations will have personnel in attendance.**

- **Issues & Risks: None.**

Laser Ranging Ground System (cont)



The projected orbit track from 00:51 to 01:01. The large background image is the USGS product and the small insets are NGSLR images. Each NGSLR image can be matched with the USGS map by tracing horizontally from the red dot across to the black dot on the orbit track.