DEIMOS
SSC Presentation: May 20, 1996
Unmet Milestones, Milestones for the Present Quarter, and Concerns

Unmet milestones from previous quarters:

- Work has still not started on the grating mosaic. It is now scheduled to begin in Quarter 9.
- Anticipated progress on the error budget still not achieved.

Unmet milestones from this quarter:

- Principle unmet design goals from the May 14th review:
  - Slitmask insertion mechanism.
  - Grating slide mechanism.
  - Grating location/tilt mechanism (design and testing both incomplete).
  - Final drive disk design.
- The RTV/fluid coupling tests have not yet been completed though the test fixture is nearing completion.
- Final meltsheet design report and tolerance analysis from ORA still not received.

Progress on milestones for the present quarter:

- Hold DEIMOS structure mini-review (it was held May 14th).
- Complete RTV fluid coupling test; not yet done.
- Start optical fabrication of the Camera elements; started.
- Start fabrication of a CCD test dewar; not started.
- Get final reports from ORA; not yet received.
- Complete design of slitmask insertion mechanism; not started.
- Complete flexure tests of grating mount/tilt mechanism; in progress.
- Update error budget; in progress.

Concerns:

- Schedule slip on slitmask insertion and grating mount/slide mechanisms. Key grating mount scheme still unproven.
- CCD controller availability (Leach-2); possible long CCD readout times.
- Detector choice is nearing — Lick is behind schedule and LLNL is expensive.