DEIMOS
SSC Presentation: May 22, 1995
Unmet Milestones, Milestones for Next Quarter, and Concerns

Unmet milestones last quarter:

- Start camera optical fabrication: schedule was successfully rearranged, no impact.
- Software ramp-up: some areas are seriously delayed – see Concerns below.
- Rotator drive specs and tests: had to be postponed until basic structural design finalized. Should proceed OK next quarter.
- Optical design of Atmospheric Dispersion Compensator did not start (was due April 1, 1995), see Concerns below.

Milestones for next quarter:

- Functional requirements for several software areas: will probably not start, see Concerns below.
- Order collimator blank: already done.
- Start detailed design of slitmask handler, grating mechanism, slitmask focal-plane mounts, other aspects of structure. Basically on track.
- Begin work on drive and support system. Test prototype instrument rotator. On track.
- Start checklist for CDR.
- Receive and evaluate test slitmasks from vendors. On track.
- Complete donor prospectus for second beam. On track.

Concerns:

- Software specifications need astronomer input, but key personnel not available until July. Software PDR will definitely be delayed – new date early fall?
- Epps' UCLA computing connection ends in June 1996. $$$'s and assistance needed to transfer programs to new computer platform.
- Potential adverse impact of new Keck spectrograph in UCO/Lick Shops:

  - ADC did not start due to Epps' involvement in optical design. Epps is already overburdened.

  - Overload on Project Manager and software staff.