

## Cassegrain ADC

Monthly Report, Apr, 2005

### I. Narrative

#### A. Summary

Mechanical and electrical testing is complete and the ADC has been released for software tests.

Zygo delivered both prisms in Feb.

Work on Coating development continues. We have negotiated with LLNL, and they are planning to coat the prisms

#### B. Technical Status

1. Overall Assessment of Scientific and Technical Status: Work on all parts of the project continues and we see no major technical challenges at this time.
2. Accomplishments of the Past Month: As above
3. Problems: None

#### C. Schedule and Budget Status

1. Overall Assessment of Progress and Expenditures:
  - a. Coating of the optics is on the critical path.
  - b. Fabrication was considerably more costly than estimated.
2. Problems: None, other than the under estimation of the fabrication budgets.

#### D. Proposed Actions Regarding Problem Areas

1. Scientific or Technical -none
2. Schedule - none
3. Budget –none

#### E. Anticipated Accomplishments in the Next Month: Continuation of assembly and fabrication

#### F. Other Issues and Information Deemed Essential to Include

II. Schedule: Current Schedule -attached

III. Confirmation of Amendment of Project Schedule and Milestones – at this time we believe we are on schedule.

IV. Confirmation or Amendment of Project Budget – will likely ask for a draw on the contingency.

V. Project Financial Summary –attached. At the end of March we had expended \$262,750 of an approved total of \$375,963 not including contingency for the Full Scale Development/Commissioning Phase. The contingency is \$123,867.