

Report on TSIP/FY 2003

Todd Boroson/Jeremy Mould

Presentation to ACCORD

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FY 2002 Review

- OSIRIS sub-award: \$2,749,200
- KIRMOS sub-award: \$1,137,600
- Cost of program administration: \$37,000
- FY 2002 carryover: \$76,200
- Average oversubscription rate for Keck time (in 2 semesters) > 4.0

Ground Rules FY 2003

- Second year of program
- \$4M (new funding) plus \$76.2k (carryover)
- 2 types of proposals
 - Instrument: telescope time equal in value to 50% of funds granted – any aperture telescope considered
 - Improvement: telescope time equal in value to 100% of funds granted – limited to telescopes > 6m

Timeline FY 2003

- Advanced AO 2 months, proposal deadline 1 month
- AO issued October 14, 2002
- Letters of intent due December 2, 2002
 - 3 letters received
 - Review panel recruited based on expertise and non-conflict of interest; panel approved by NSF
 - T. Greene (chair; NASA/Ames), K. Hodapp (U.Hawaii), T. Herter (Cornell), J. Morse (Colorado U.), A. Uomoto (JHU)
- Proposals due February 28, 2003
 - 3 proposals received
 - All instrument proposals for telescopes $> 6\text{m}$
 - Panel met once by telecon (March 20, 2003) and once in person (April 9, 2003)

Panel review outcome

- KIRMOS proposal ranked first
 - Ambitious, but credible instrument to provide highly desirable capability
 - Most of concerns from last year's review were addressed
 - Concern about long-term funding runout - \$12-14M
 - **Recommendation: provide requested funding (\$1,137,600)**
- MMIRS proposal ranked second
 - Excellent science case
 - Lessened ambition (format, throughput) compensated by accelerated schedule, low risk
 - **Recommendation: provide requested funding (\$2,501,970)**
 - **Panel to review progress after CDR**
- *INFO on unfunded proposal removed*
- Panel also approved 2nd year funding for OSIRIS

General Panel recommendations

- Panel was interested in TSIP evolution into broader program to enhance the system
 - All funded proposals (and all but 1 submitted) have been for IR spectrographs on very large telescopes
 - Suggest in solicitation some other needed capabilities *as examples* including those involving smaller telescopes – e.g., very wide field optical and IR imaging on 4m-class telescopes
- Panel thought that successful start of TSIP could motivate community to continue the system strategic planning activity. Supportive of idea that ongoing re-assessment of could be carried out by proposed System Committee

Timeline, continued

- TSIP report sent to NSF on April 21, 2003
- Boroson and Greene visited NSF, presented results on April 23, 2003
 - NSF approved initiation of negotiations
- MOU with CARA for additional (KIRMOS) telescope time for signed June 22
- Contract amendment (KIRMOS) signed July 14
- MMIRS: MOU's (MMT, Magellan), contract in negotiation

Oversight Activities

- Todd and Mark Trueblood receive monthly reports on KIRMOS and OSIRIS
 - Participate in monthly KIRMOS telecon
 - Discuss OSIRIS report with Keck Instrumentation program manager and PI
- Have attended OSIRIS reviews; will attend KIRMOS PDR
- TSIP review panel received annual report from OSIRIS
- SAO proposal suggests similar set of reports/meetings

Cost of administering TSIP

- FY 2002 – total \$35,500
 - Salaries (Boroson, Brouillette, Trueblood)
 - Review panel meeting
 - Travel to report to NSF
 - Travel to OSIRIS CDR
- FY 2003 – est. \$53K
 - Additional time for oversight activities
 - Additional travel for oversight activities
 - Estimate carryover to FY 04: \$380K

FY 04 expectations

- Keep same schedule
 - AO to be released early October, 2003
 - Proposals due late February 2004
- System committee is being reconstituted
 - Will provide strategic planning (including new community input) for TSIP and other aspects of system
 - Pat Osmer to chair initially

Summary

- TSIP program running smoothly
- Program is adding funding for instruments that will provide desirable capabilities
- Telescope time from TSIP in great demand
- Good start to making system perspective a reality