

GNIRS PROGRESS REPORT

September 15, 2003 – October 25, 2003

Accomplishments / Status

Summary: 99% of the work from the Restart Review to delivery has been completed. The Pre-Ship AT is now complete and the instrument has been shipped to Chile as of October 25th. All punch-list items were completed successfully, instrument reassembly completed in the second week of October, retesting completed in the third week, and Gemini authorized shipment to Cerro Pachon. The Post-Ship AT is scheduled for the week of 24 November. The first On-Telescope fit check and pupil alignment activity is scheduled for the week of December 8th. The Final AT is scheduled for early January 2004.

The instrument should arrive on Cerro Pachon on Monday, October 27th. The instrument team from Tucson will arrive on November 3rd and commence unpacking, inspection checkout of the instrument and training of the Gemini staff.

Next Milestones: The next major project milestones are:

- Complete instrument unpacking and inspection by 15 November
- Complete reassembly by 19 November
- Complete Post Ship AT by 28 November

Earned Value:

	October	November	December	Jan-Feb	Mar-May	May-June	July	Aug-Sept	October
BCWS	\$3,572,138	\$3,572,138	\$3,572,138	\$3,572,138	\$3,572,138	\$3,572,138	\$3,572,138	\$3,572,138	\$3,572,138
BCWP	\$3,216,275	\$3,254,387	\$3,274,323	\$3,276,019	\$3,380,046	\$3,375,194	\$3,375,194	\$3,375,194	\$3,375,194
ACWP	\$4,283,803	\$4,370,562	\$4,502,594	\$4,581,247	\$4,724,157	\$4,745,416	\$4,840,089	No Update	\$4,840,089
SPI	.90	.91	.92	.92	.95	.94	.94	No Update	.94
CPI	.75	.74	.73	.72	.72	.71	.70	No Update	.70

As the Pre-Ship AT is complete, the official schedule is again being used and will be updated accordingly. The cost table above reflects planned and actual charges to the project up to the end of July. The project has spent \$1,631,080 in capital to date.

Project Management: (99% complete) The project plan may be viewed on the GNIRS web site at:
<http://www.noao.edu/ets/gnirs/> under Management, Planning.

Systems Engineering: (100% complete).

Mechanical Design, Fabrication, Assembly and Test: (100% overall).

Electronics: (100% complete).

Software Development: (100% complete).

Alignment and Integration: (100% complete overall)

Deliverables: (99% complete overall). This task includes Instrument Hardware, Training, and Documentation.

Procurement: (99% complete overall).

Problems / Solutions

None.

Key Personnel

No Changes.