

Bi-Monthly Report 6/7/99

	J	F	M	A	M	J	J	CUM's
Labor Costs (\$K):								
Planned Labor	58.3	58.3	56.9	66.6	69.4	69.4	65.2	443.8
Actual Labor	65.4	46.5	43.9	37.5	47.3			240.6
CUM Over/Under	7.1	-4.6	-17.6	-46.6	-68.7			-68.7
FTE Loading (FTE)								
Planned	10.5	10.5	9.8	10.5	10.5	10.5	10.5	72.8
Actual	12.5	9.3	8.9	9.7	9.7			50.1
Capital (\$K)								
Planned Capital	11.0	10.0	5.0	5.0	8.0	10.0	10.0	59.0
Actual Capital	10.5	7.7	40.6	0.3	3.7	0.1		62.9

April labor is for first portion of the month only.

Explanations:

February:

FTE: Some staff transferred and/or utilized on other projects.

Capital: travel 0.23K
 contract labor 6.4K
 misc 0.2K
 optic 0.9K

March:

FTE: Illness's accounted for lower numbers for March

Capital: filter order 29.8K
 contract labor 7.0K
 cold motors 2.9K
 misc 0.15K

April

FTE: CAS data shows a low number

Capital: contract labor 2.6K
 software 0.76K
 electronics material 0.69K
 misc material 0.28K
 credit 3.84K

May

FTE: Contract designer joins staff full time

Capital: contract labor 2.9K
 electronics material 0.52K
 misc 0.1K

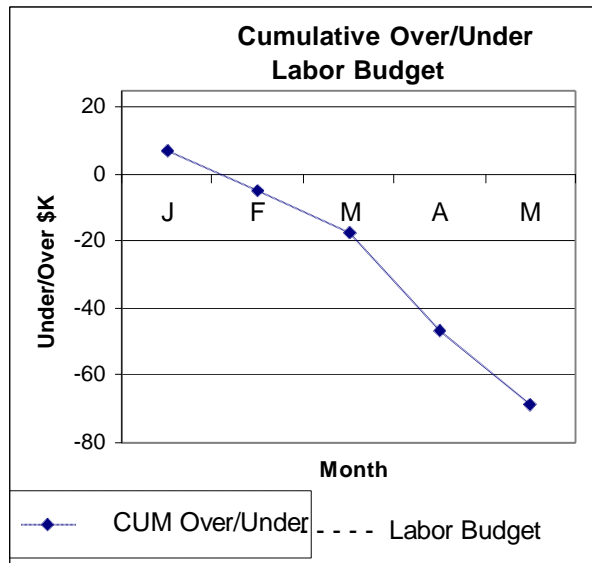
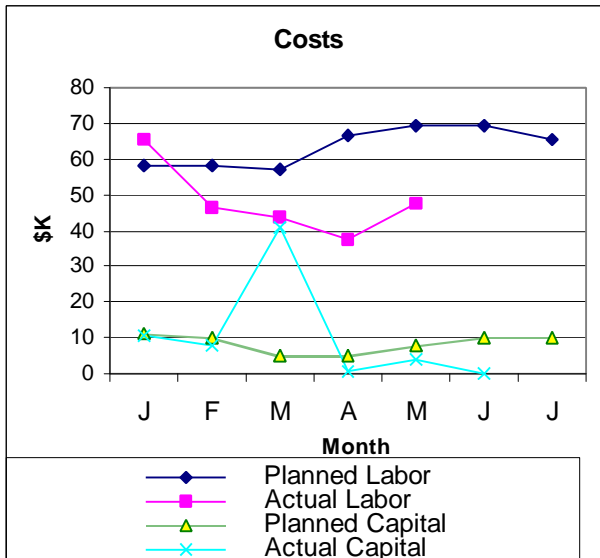
Staff FTE's

ME	Goble	
ME	Muller	
EE	Rudeen	80%
ET	Don	10%
OE	Ming	
MD	Andrew	
MD	Downey	Contract
MD	Rosin	
IM	Rath	
AA	Bowersock	75%
PM	Gaughan	

Total FTE 9.65

Scientists

PS	Elias	100%
PS	Joyce	50%
PS (CTIO)	Gregory	4 mo



GNIRS Project Status Summary

- GNIRS is approximately 77% complete to the Restart Review.
 - Labor is 54.2% spent (report through May 27)
 - \$240.7K of \$443.8K
 - \$344K forecast through RR
 - Capital is 107% spent
 - \$62.9K of \$59K
 - \$70K forecast through RR (19% over)
 - Projections through July 20 Restart Review:
 - Labor under-run: \$100K
 - Capital overrun: \$21K [Net: \$79K under plan]
- The project Critical Path
 - Main Optics Bench Assembly; OIWFS Optical Bench Assembly

GNIRS Cost and Schedule Status

- Cost
 - Labor: through May 28 available from CAS
 - projected for June: \$45.0K
 - Capital: Currently projection is \$21K over plan (filter purchase in March)
- Schedule
 - Interim Design Review Held May 25
 - Project on track to meet 6/21 3-D Design Definition milestone
 - Actual Preliminary Design will complete in September -October
 - Configuration presented at RR will lack design detail
- Problems/Solutions:
 - IFA OIWFS ICD incomplete
 - may affect project estimate-to-complete

Key GNIRS Events for June

- Phytron cold motor testing
- Complete test dewar characterization

- Main Optical Bench and mechanism design
- Complete Wavefront Sensor Bench design
- Complete External Structure Definition
- Gravity Deflection Analysis
- Begin Thermal Analysis
- Complete requirements definition
- Estimate Project Cost