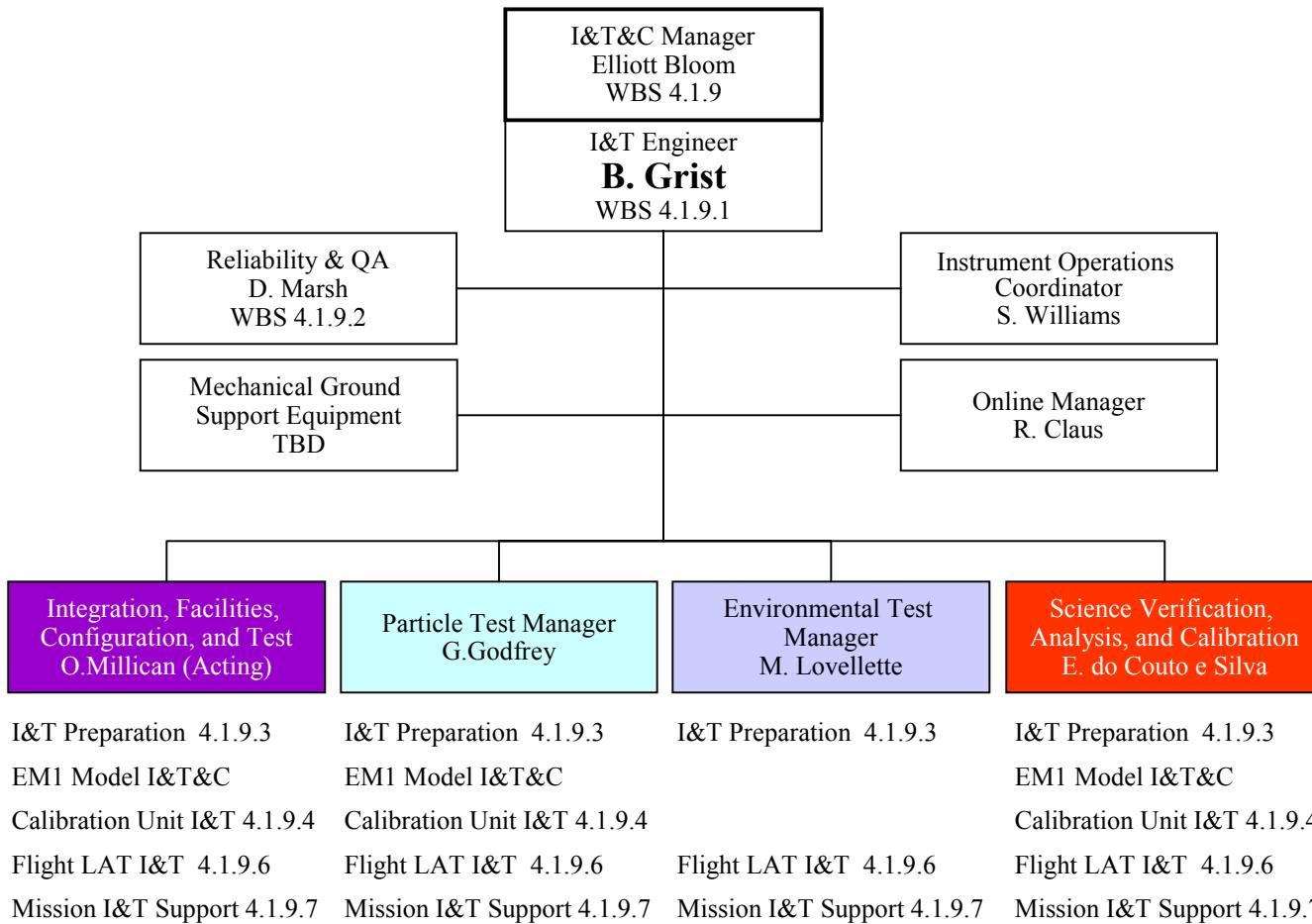
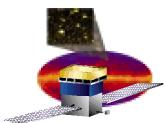
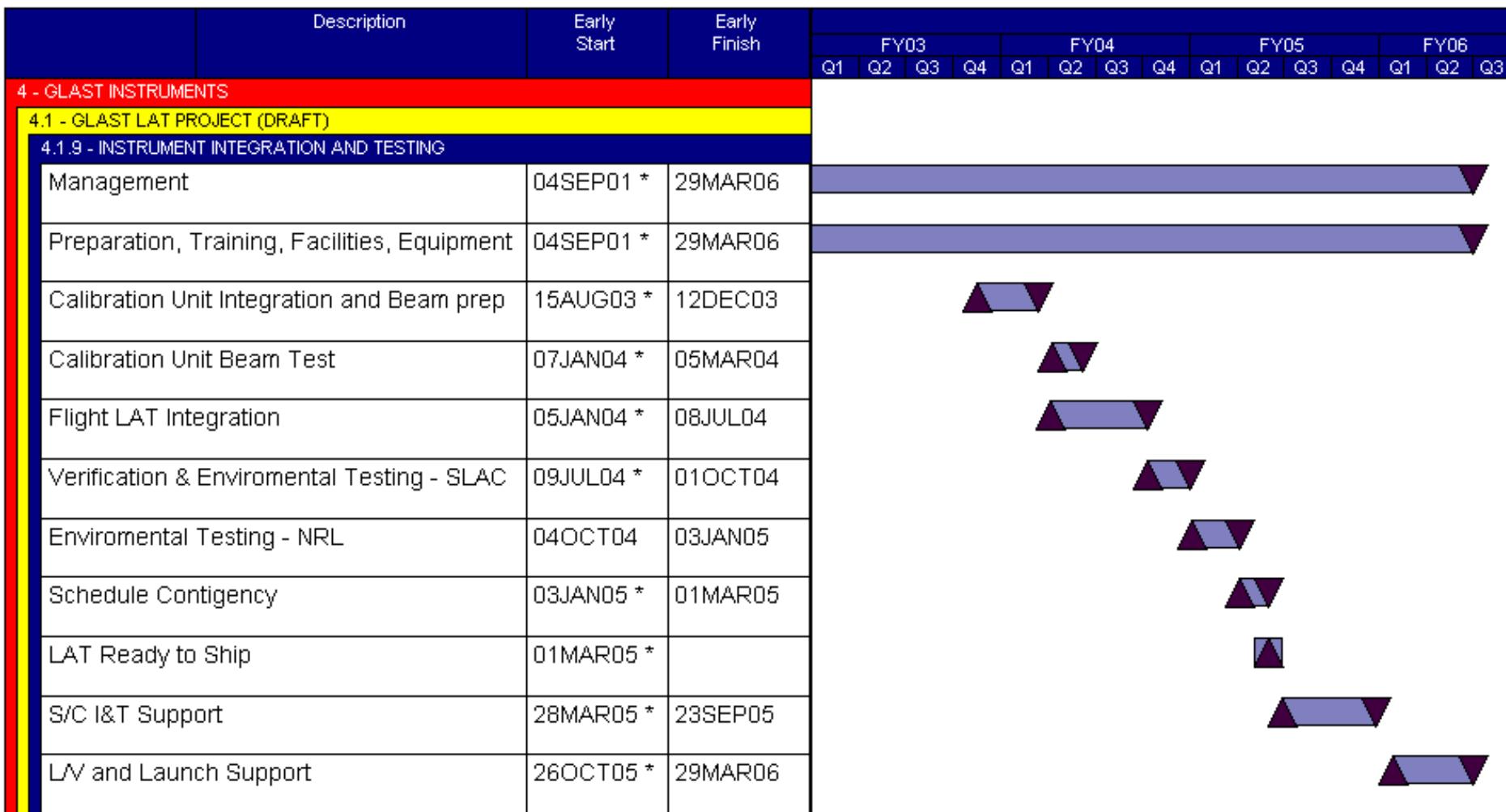


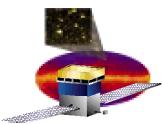
I&T&C Organization Chart





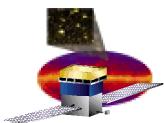
Draft New I&T Schedule





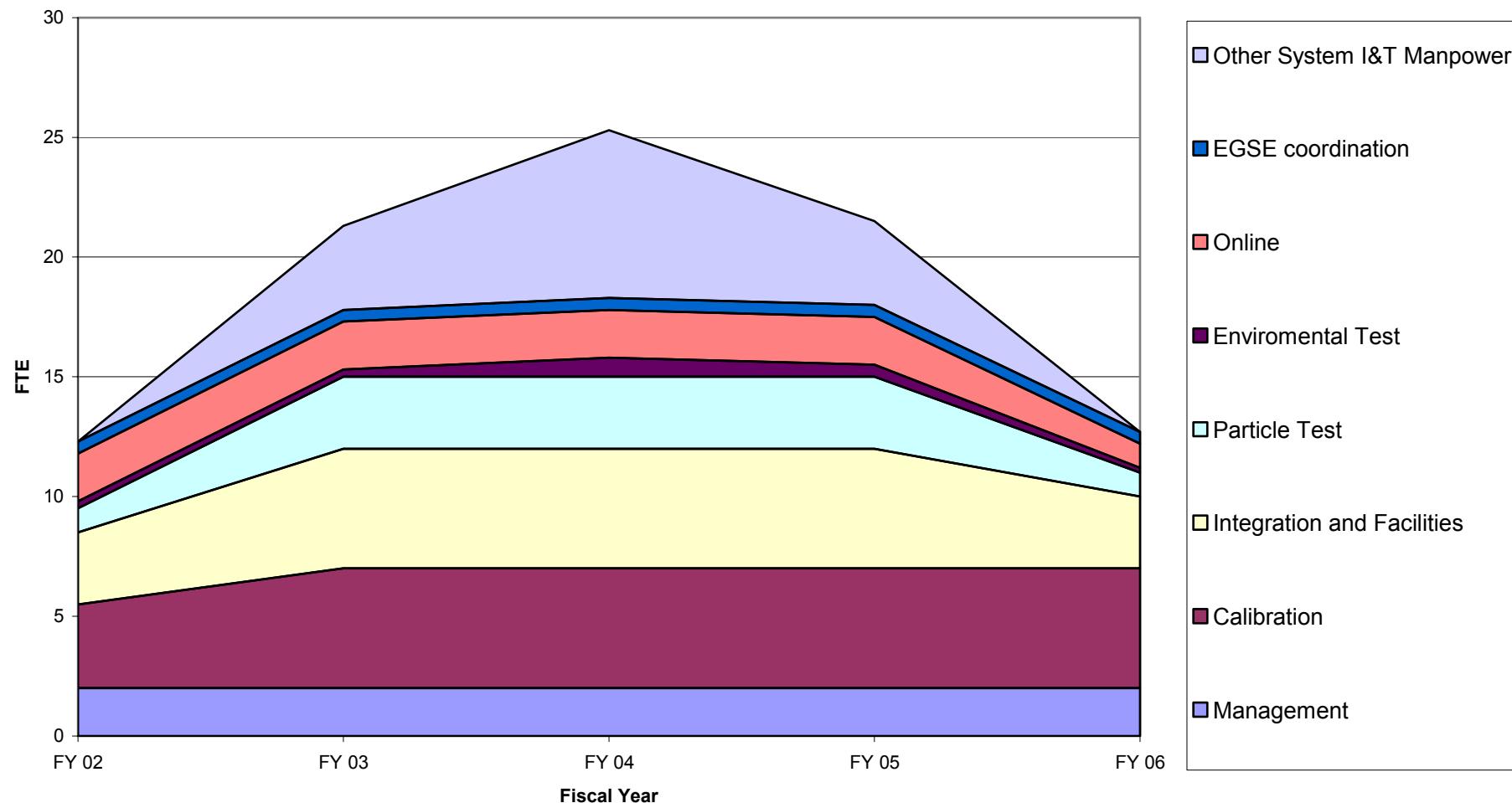
I&T Milestones

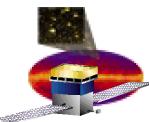
- TKR & CAL Modules A & B Ready for Integration into Calibration Unit 08/15/03
- TKR & CAL Modules 1 & 2 Ready for Integration into Calibration Unit 11/03/03
- Calibration Unit Beam Test Complete 04/17/04
- Flight Grid Ready for Integration 01/02/04
- Flight TKR & CAL Modules 3 & 4 Ready for Integration 01/02/04
- Flight TKR & CAL Modules 15 & 16 Ready for Integration 03/24/04
- Flight TKR & CAL Modules 1 & 2 Ready for Integration 04/26/04
- Flight ACD Ready for Integration 04/26/04
- LAT Instrument Ready for Environmental Testing 07/09/04
- LAT Instrument Pre- ship Review 01/07/05
- LAT Instrument Ready to Ship 03/01/05
- **GLAST Launch** 03/06



Estimated Fiscal Year vs. FTE

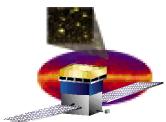
Fiscal Year vs. FTE



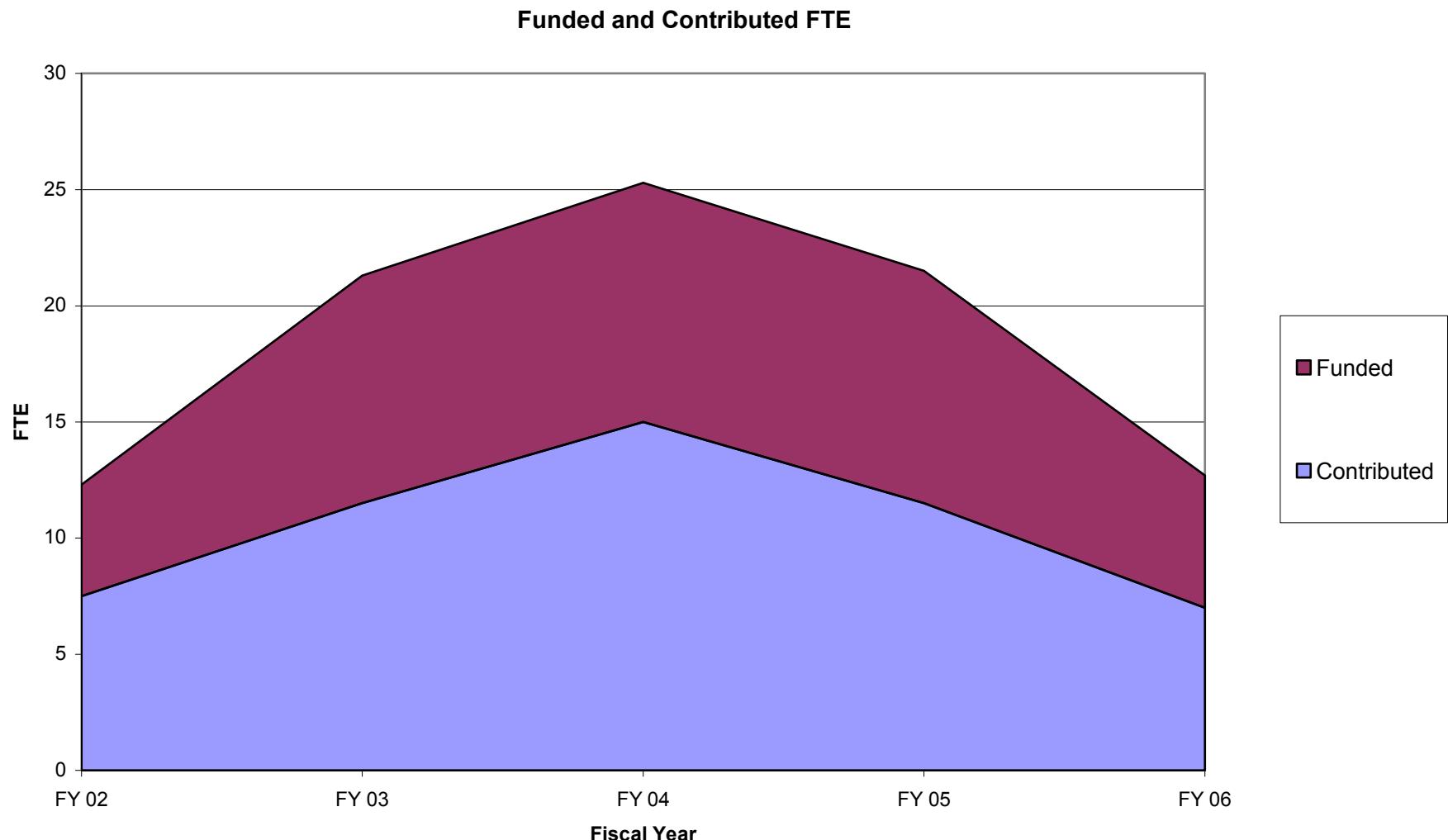


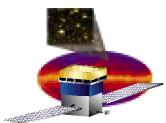
NASA/DOE Project Funded vs. Contributed Manpower

- I&T Organization must rely heavily on contributed manpower
 - Contributed Manpower
 - Elliott Bloom
 - Eduardo do Couto e Silva
 - Gary Godfrey
 - Paul Kuntz
 - Hiro Tajima
 - Post Doc (currently 1.5)
 - Stanford Graduate Students (currently 4)
 - other contributed collaboration labor for tasks like Calibration under Eduardo and staffing of shifts during tests under Ossie
 - Current Funded Manpower
 - Brian Grist
 - Ric Claus
 - Ossie Millican
 - John Broeder
 - NRL Team (Environmental Testing)
 - TBD Programmer (for Eduardo)
 - TBD MGSE (Mechanical Engineer)
 - other resources that are being identified

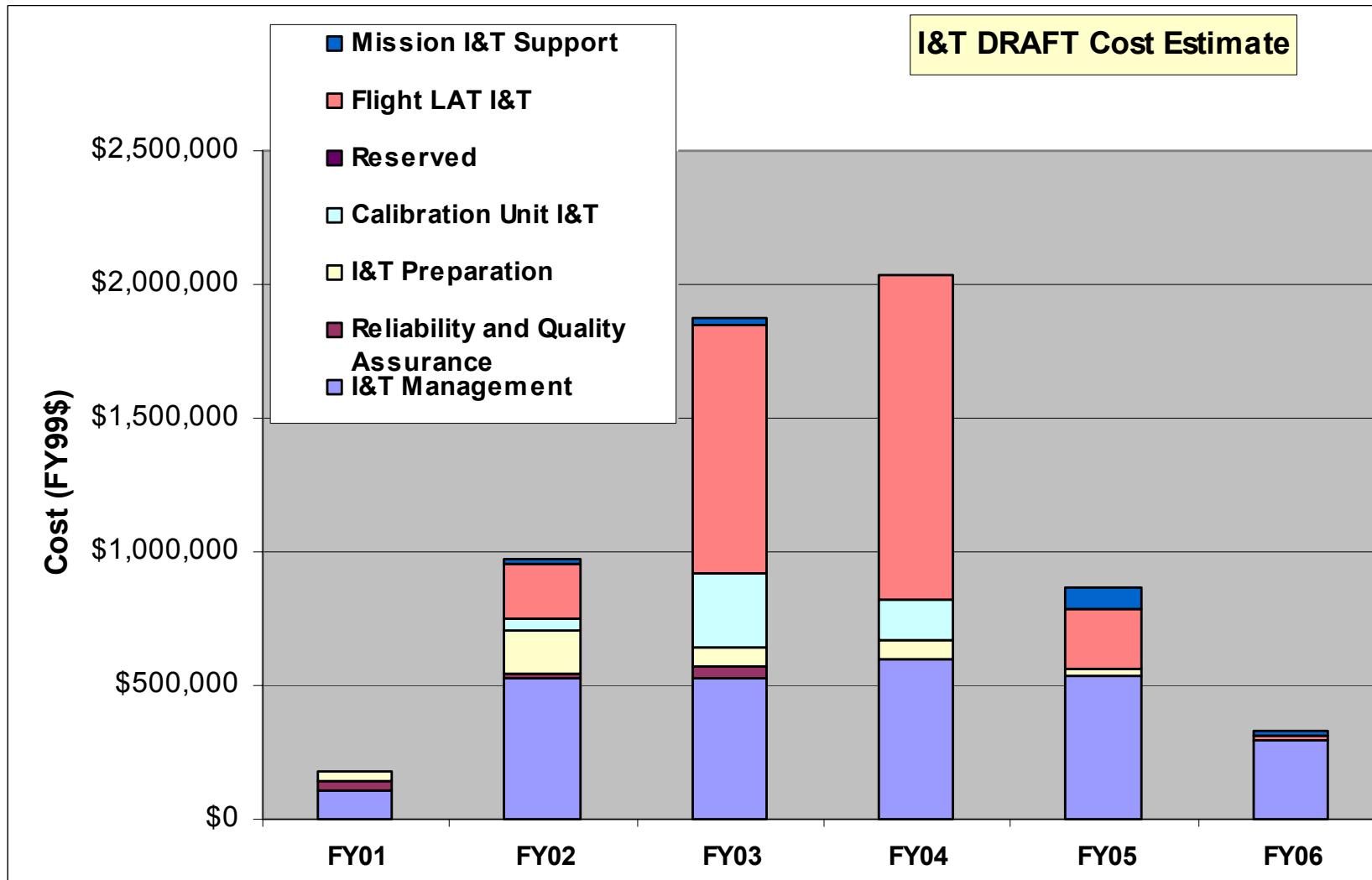


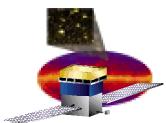
Estimated Funded and Contributed FTE





Current I&T Cost Estimate (FY99\$)

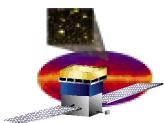




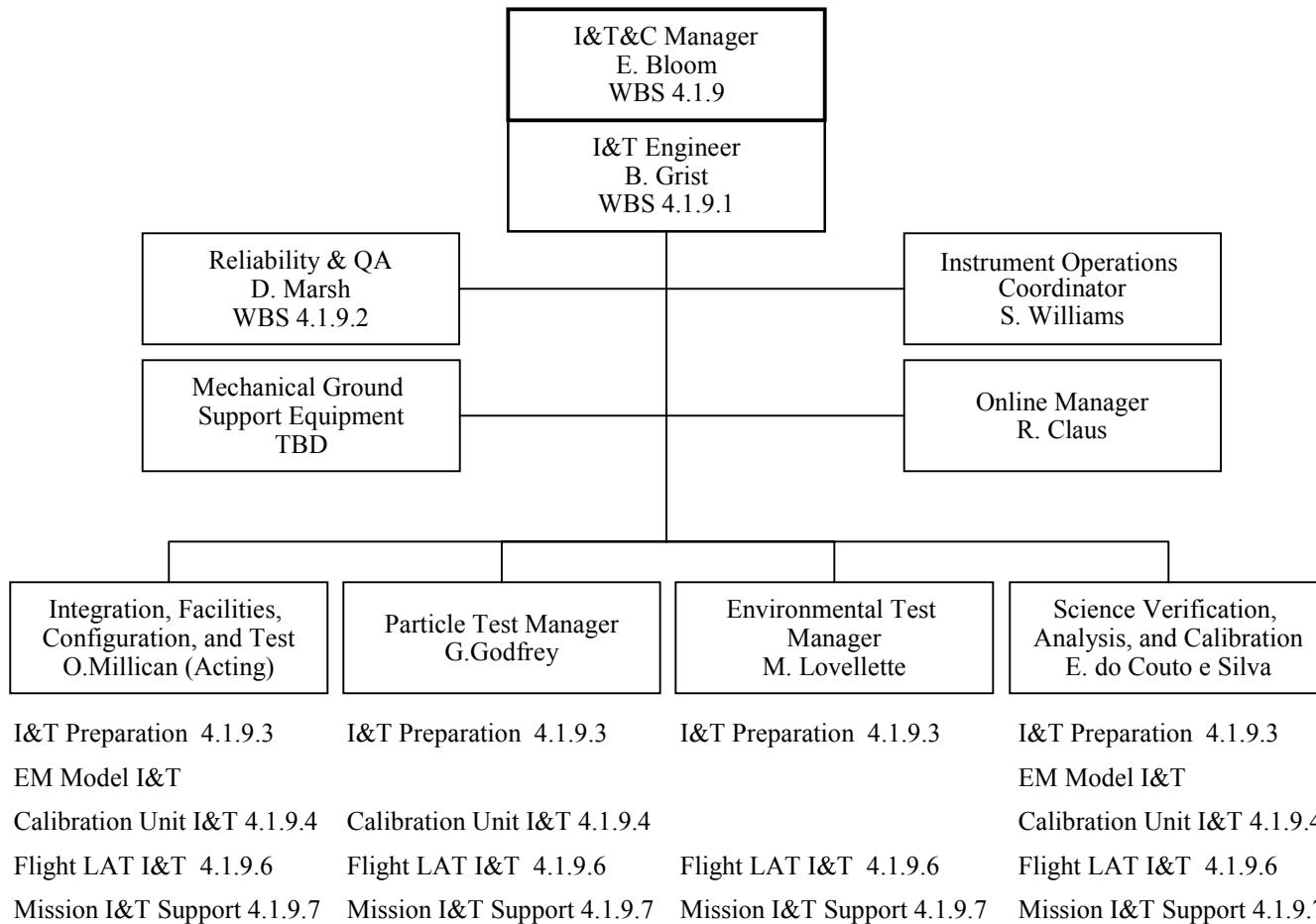
Integration & Test & Calibration Cost Estimate

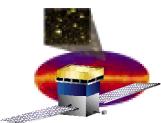
- Current Draft I&T&C Cost Estimate (escalated k\$)

WBS	Total	FY01	FY02	FY03	FY04	FY05	FY06
4.1.9 Integration and Test	\$7,334	\$50	\$1,100	\$2,169	\$2,468	\$1,109	\$438



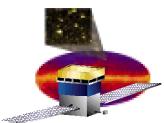
Mapping of WBS Items to Manager Responsibility





New Plan Choices that Impact Schedule and Cost Estimate

- **NRL as Environmental Test Site Choice**
 - **Schedule**
 - Environmental tests at NRL all in one trip will reduce schedule impact due to reduced shipping and verification testing.
 - **Cost Estimate**
 - Environmental tests at NRL will fit within the framework of previous cost estimate for Acoustic/Vib and Thermal Vacuum
 - ~\$600k (escalated) for tests at NRL
- **One beam test at SLAC only (drop CERN test)**
 - **Schedule**
 - Saves time in the I&T schedule
 - **Cost Estimate**
 - Reduction in the shipping costs
 - Reduction number of functional checkouts



Schedule and Cost Estimate Work

- I&T managers have been addressing their preliminary schedule and cost estimates
- Updated Schedule and resources need to be loaded into P3