



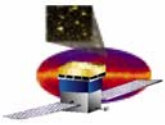
**Cost/Schedule Reports for  
Presentation  
June 2005 Month End  
4.1.C EPO**



## Accomplishments for June

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- Tim Graves and Kamal Prasad continued to work on integration and testing of the LAT MCMs. This is now completed.
- Big news: the Global Optical Robotic Telescope (GORT) was used completely remotely for the first time by someone who did not actually build and test it. On Monday, June 6, Gordon Spear and a student observed GTN target blazars 4C 29.45 and 3C 279 from Spear's office.
- Lynn Cominsky went to the GLAST User's Committee and gave a report on our program.
- Cominsky and Phil Plait attended a meeting of the Astronomical Society of the Pacific's Bay Area Project ASTRO Coalition, to foster communication between astronomical E/PO programs in our local area.
- Plait is writing a black hole fact sheet as part of another E/PO program (EXIST), but which is also designed to complement the black hole planetarium show being written as part of the GLAST-sponsored Nova television program. This almost final draft is now being laid out by our artist.



## Accomplishments for June

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- Lynn Cominsky gave a Swift lecture for the San Francisco Amateur Astronomers. This talk included GORT/GTN information for the audience.
- Aurore Simonnet has made the almost-final version of the GLAST Race card game. This will be going out for printing within the next week.
- We held a star party at the Pepperwood preserve for people who have donated time and/or money to the Physics and Astronomy Department. This was coincidentally at the same time that the California Academy of Sciences held their own public night, so approximately 50 people were in attendance. GORT was used to observe several targets, including comet P/9 Tempel 1, the target of Deep Impact on July 3.
- We observed the Tempel 1 event with GORT.  
[http://gtm.sonoma.edu/public/news/07\\_06\\_05.php](http://gtm.sonoma.edu/public/news/07_06_05.php)



## Accomplishments for June

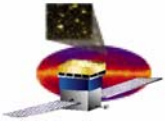
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- Sarah Silva and Cominsky created a list with all communication products that have been created since January 2004 for NASA SMD. This included all details about design, productions, and distribution costs.
- SSU astronomer Kevin McLin has spent a significant amount of time working on the GORT. He has been checking the system and writing up recommendations for future improvement. This work will be incorporated into the user's manual for the GTN that he is writing.
- Sarah Silva started the six-week "You Are Here" mini-course at the Valley of the Moon Boys and Girls Club in Sonoma, CA. This will continue every Tuesday, from now until July 26th.
- Student assistant Logan Hill updated our AGN children's story "How the Galaxy got Its Jets" on the GLAST E/PO website. This story can be found here: <http://glast.sonoma.edu/teachers/popup.html> (bottom of the page)



# Cost Report

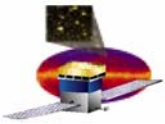
| Reporting Category                                   | Cost Incurred/Hours Worked |         |              |         | Estimated Cost/Hours to Comp |                     |                     | Estimated Final Cost/Hours |             | Unfilled Orders |
|--|----------------------------|---------|--------------|---------|------------------------------|---------------------|---------------------|----------------------------|-------------|-----------------|
|  | During Month               |         | Cum. to Date |         | Detail                       | Balance of Contract | Contractor Estimate | Contract Value             | Outstanding |                 |
|  | Actual                     | Planned | Actual       | Planned |                              |                     |                     |                            |             | JUL05           |
| 4.1.C EDUCATION AND PUBLIC OUTREACH                  |                            |         |              |         |                              |                     |                     |                            |             |                 |
| 4.1.C.1 MANAGEMENT                                   | 1                          | 13      | 229          | 266     | 12                           | 14                  | 50                  | 305                        | 305         | 0               |
| 4.1.C.2 RELIABILITY & QUALITY ASSURANCE (ASSESSMENT) | 5                          | 8       | 211          | 254     | 7                            | 8                   | 50                  | 276                        | 276         | 21              |
| 4.1.C.3 WEB MATERIALS                                | 10                         | 8       | 422          | 416     | 7                            | 8                   | 1                   | 438                        | 438         | 1               |
| 4.1.C.4 EDUCATOR TRAINING                            | 24                         | 21      | 453          | 486     | 19                           | 22                  | 53                  | 547                        | 547         | 0               |
| 4.1.C.5 PRINTED MATERIALS AND CURRICULUM DEVELOPMENT | 13                         | 11      | 404          | 445     | 10                           | 12                  | 52                  | 478                        | 478         | 20              |
| 4.1.C.6 SLAC VVC EXHIBIT                             | 3                          | 3       | 25           | 29      | 3                            | 3                   | 6                   | 37                         | 37          | 0               |
| 4.1.C.7 PBS TV SPECIAL                               | 50                         | 3       | 196          | 299     | 3                            | 3                   | 106                 | 308                        | 308         | 110             |
| 4.1.C.8 TELESCOPE NETWORK                            | 5                          | 7       | 252          | 275     | 6                            | 7                   | 29                  | 294                        | 294         | 0               |
| CAPW[3]Totals:                                       | 110                        | 73      | 2,193        | 2,470   | 67                           | 77                  | 347                 | 2,684                      | 2,684       | 152             |



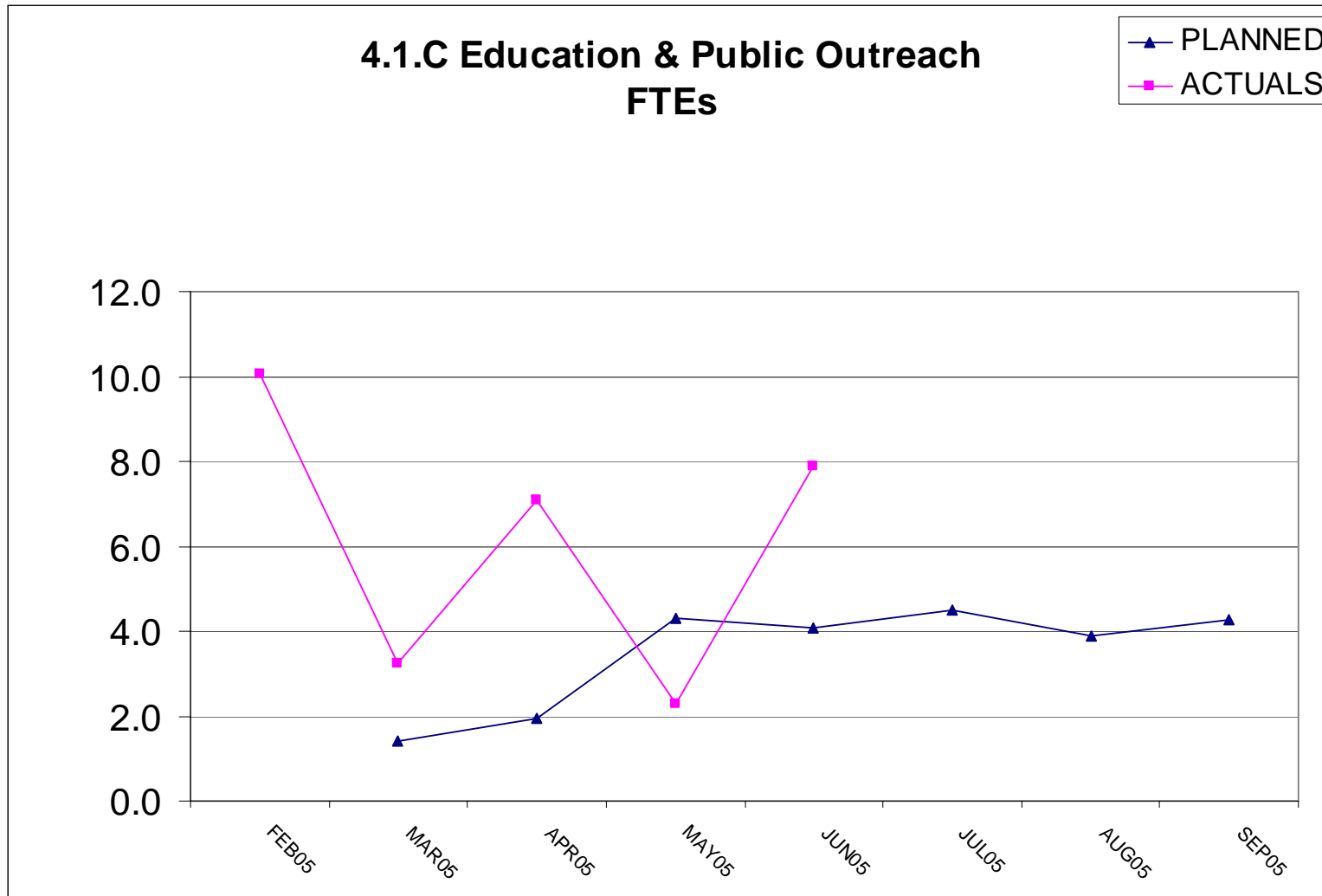
# Cost Variance Explanation

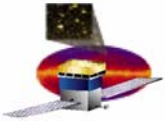
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- **Why overrun/underrun?**
  - The largest amount of our cost underruns are due to our commits. We have about \$200k encumbered for our large subcontractors. The subcontractors include Tom Lucas Productions (PBS Show), WestEd (evaluators), and TOPS Learning Systems (TOPS Mod 3).
  - The remaining is money that will be used for the upcoming printing jobs. These include TOPS Far Out Math reprint, TOPS Space in Geometry, AGN Pop-up book, the GLAST Card Race, and educator products/goodies for the Supernova guide.
- **What will be done to correct?**
  - All but the PBS show encumbrance will be spent by the end of this fiscal year.



# FTE Report (DOE/NASA-funded only)





# FTE Variance Explanation

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- **Why overrun/underrun?**
  - **SSU closed its fiscal year out in June, and as a result we had two months worth of student assistants' salaries charged to the grant for June. A small portion of the FTE increase is due to product production catching up for our soon to be printed products.**
- **What is the impact?**
  - **The impact is good as we are finalizing many projects.**
- **What will be done to correct?**
  - **Nothing at this time is necessary.**