GLAST LAT PROJECT

Cost & Schedule Information for the GLAST LAT PDR/Baseline Review January 8-11, 2001

4.1.D Science Analysis Software Subsystem Manager – R. Dubois
Cost & Commitment Profile
4.1.D Science Analysis Software
Costs and Commitments
4.1.D Science Analysis Software
Cost Type

$M, Then Year Dollars

FY00  FY01  FY02  FY03  FY04  FY05  FY06

Legend:
- Labor
- M & S (no Travel)
- Travel
- Taxes (GSFC)
Gamma-ray Large Area Space Telescope

Cost Detail @ Work Package Level

### NH41D 4.1.D Actuals from HEPL

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### 4.1.D.1 SOURCES, SIMULATION & EVENT RECONSTRUCTION

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**DL SU-SLAC**

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**4.1.D.5 DATA PROCESSING FACILITY**

**DH SU-HEPL**

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**DG GSFC**

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Gamma-ray Large Area Space Telescope

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Subsystem Milestones
### 4.1.D SCIENCE ANALYSIS SOFTWARE

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Critical Activities with Total Float Less Than 80 Days
### 4.1.D SCIENCE ANALYSIS SOFTWARE

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#### 4.1.D.1 SOURCES, SIMULATION & EVENT RECONSTRUCT

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4.1.D.2 ANALYSIS TOOLS
4.1.D.4 SCIENCE SOFTWARE
4.1.D.5 DATA PROCESSING FACILITY
4.1.D.6 CALIBRATION
4.1.D.1 SOURCES, SIMULATION & EVENT RECONSTRUCT

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GLAST - LAT PROJECT
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### 4.1.D.7 MANAGEMENT

#### DS101300
- **Design New Tracking Algorithm**
  - Dur: 30
  - Start: 11/01/01
  - Finish: 12/14/01
  - Total Float: 33

#### DS100520
- **compare to Gismo**
  - Dur: 40
  - Start: 02/12/02*
  - Finish: 04/09/02
  - Total Float: 37

#### DS100970
- **GEANT4 Validation Complete**
  - Dur: 0
  - Start: 04/09/02
  - Finish: 04/09/02
  - Total Float: 37

#### DS101270
- **AV: 1st Major Release of Simulation & Reconstr'n**
  - Dur: 0
  - Start: 04/09/02
  - Finish: 04/09/02
  - Total Float: 37

#### DS100500
- **Validate EM Physics**
  - Dur: 108*
  - Start: 06/11/01A
  - Finish: 11/09/01
  - Total Float: 53

#### DS100510
- **Validate Hadronic Physics**
  - Dur: 40
  - Start: 11/12/01
  - Finish: 01/17/02
  - Total Float: 53

### 4.1.D.5 DATA PROCESSING FACILITY

#### DS212720
- **Data Processing Facility Completed**
  - Dur: 0
  - Start: 01/04/06
  - Finish: 01/04/06
  - Total Float: 60

### 4.1.D.7 MANAGEMENT

#### DS211990
- **Final End-to-End test**
  - Dur: 0
  - Start: 01/04/06
  - Finish: 01/04/06
  - Total Float: 60
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**4.1.D.1 SOURCES, SIMULATION & EVENT RECONSTRUCT**
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