GLAST Data Rights

- ## NOMINAL MISSION PROFILE

  - First year is scanning

  - Second year and beyond- scanning and/or pointing as driven by competitive proposals

  - Planned observations subject to interruption for extraordinary Targets of Opportunity

- ## FIRST YEAR

  - LAT Instrument team is responsible for all-sky survey

  - Output of all-sky survey includes a point source catalog and an all-sky map

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- FIRST YEAR (Continued)

  - LAT IPI Team responsible for instrument verification using sources described in proposal

  - Transient sources are made public immediately with warning that the data may be unverified and uncalibrated

  - Data from specific sources of interest to individual scientists (not large projects) are made public immediately with warning, even if they are in the LAT proposal list

  - All data will be placed in the public data archive after the one year calibration period

Glast Data Rights

- SUBSEQUENT YEARS
  - NRA's are released by NASA in a timely manner
  - Investigations are idea driven. All data rights are awarded by peer review.
  - All data are public domain after three months. GO will quality check the data awarded. Since the awards are idea driven, the same data may be awarded to more than one GO.
  - SSC will verify all data not awarded to GO's. Data will be placed in the public archive after a two-week verification period.

GLAST DATA RIGHTS

- KEY PROJECTS
    - Key projects are solicited and awarded through competitive peer review. They are large and may involve new observations (pointed or scanning) or large scale data mining
    - Key projects may be proposed for first year data, except for the all-sky survey of the instrument team. NRA may be issued prior to launch and would be open to all
    - Key projects are also subject to 3 month data verification period
- INSTRUMENT OPERATIONS
    - LAT Instrument Operations Center (LAT IOC)
        - performance monitoring

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- INSTRUMENT OPERATION (continued)

  - LAT IOC (continued)

    - instrument calibration
    - instrument load generation
    - instrument software generation
    - ground algorithims software
    - instrument ops planning
    - instrument team product generation
    - level 0 processing
    - level 1 processing
    - event list generation
    - transient detection

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- SCIENCE OPERATIONS (continued)
  - GBM Instrument Operations Center (GBM IOC)
    - instrument operations and monitoring
    - instrument calibration
    - produce and maintain software
    - produce data analysis software
    - produce low level standard products
    - verify flight data
    - process instrument team data

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- SCIENCE OPERATIONS (continued)
  - GLAST Science Support Center (GSOC)
    - higher level data processing
    - exposure maps
    - science data distribution
    - data archiving
    - planning and observing scheduling
    - TOO selection (to support Project Scientist in making the final decision)

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- ## SCIENCE OPERATIONS (continued)

  - – Mission Operations Center (MOC)

    - s/c LAT and GBM Level 0 data

    - s/c health and safety

    - instrument safety

    - commanding

    - alert data handling

    - ground station/TDRSS scheduling

    - acquisition data generation