GLAST GI Program (with revised schedule)

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Schedule—Assuming 10/7/07 Launch

Approximate Date	Months-L	Event
		Cycle 1
11/18/2006	-10.5	GUC Review of NRA Draft
3/22/2007	-6.5	Effective NRA Release
2/5/2007	-8.0	GLAST Symposium—GI Information
6/15/2007	-3.6	GI Cycle 1 Proposal Deadline
9/22/2007	-0.5	Peer Review Panel Meets
10/7/2007	0	Rejections Sent Out
10/7/2007	0	Request Funding Proposals
10/7/2007	0	LAUNCH!!!
11/1/2007	0.75	Funding Proposals Due
11/7/2007	1.0	Release of GBM SAE Tools
11/15/2007	1.5	Funding Decision
12/7/2007	2.0	GI Cycle 1 Begins
		Cycle 2
4/7/2008	6.0	Effective NRA Release; Release 0.9 of SAE
6/9/2008	8.0	SAE Workshop—Release of preliminary catalog
7/7/2008	9.0	GI Cycle 2 Proposal Deadline
12/7/2009	14.0	GI Cycle 2 Begins; Release 1.0 of SAE

Summary of Program

- We plan to use a two stage proposal system
  - Stage 1—Technical proposal submitted through RPS
  - Stage 2—Budgets for approved technical proposals submitted through NSPIRES

- Three types of proposals
  - Regular
  - Large (legacy)—three year research plan, re-proposed during subsequent years
  - GI-proposed TOO proposals—not permitted during Cycle 1

- Peer review:
  - GSSC run (with oversight from HQ Program Scientist)
  - Logistical support by NRESS
  - Civil servant monitors provided by NASA HQ

Summary, cont.

- **Foreign scientists:**
  - **Can propose Cycles >1 observations**
  - **Cannot request funding**
  - **US co-Is—funding consistent with the level of effort**

- **GLAST science team members (instrument teams, GSSC, IDSs, etc.):**
  - **Can receive funding for research using publicly available data**
  - **Cannot propose a research program based on their access to LAT event data in Cycle 1**

- **Fellows program discussed by Rick**

- **Additional details in extra slides**

Texts

- GLAST section of 2007 ROSES Appendix D
  - Legal description of the GI program that will be part of the Research Opportunities in Space and Earth Sciences
  - Text drafted and under review
  - Will be released in late January
  - Can be amended if needed

- Supporting GSSC website
  - Detailed instructions on submitting cycle GI proposals
  - Drafted based on Swift website and under review
  - Will be posted at beginning of Cycle 1 proposal period

- GLAST Technical Handbook
  - Equivalent of CGRO's Appendix G and modeled on the Swift Technical Handbook
  - Advanced draft

Proposal Tools

- **Source Detectability Website—for Cycle 1**
  - **Web interface created**
  - **Code for semi-analytic calculations written by Toby Burnett, needs to be integrated with web interface**

- **WebSpec—for Cycle 1**
  - **Web interface to XSPEC exists. GLAST will have its own version.**
  - **LAT and GBM response and background files need to be created for GLAST version**

- **Simulations within SAE (analysis system)—for Cycle >1**
  - **The SAE has orbit and observation simulation tools**
  - **User will need to install SAE**

TBDs

- Actual schedule given likely launch date?
- How do we instruct the peer panels to handle large (legacy) proposals?
- Do proposals have to be submittable through grants.gov?
- What multiwavelength support permitted? Labor? Computers? Extra disks?

ADDITIONAL INFORMATION

GI Program Process

- The GI program will be announced in the 2007 ROSES NRA. More detailed information will be provided on the GSSC website.

- Two stage proposal schedule.
  - In the first stage proposers will submit only the technical justification; the peer review will evaluate this first stage proposal. Proposers will fill out only an RPS form; however, PIs and US Co-Is must be registered with NSPIRES.
  - Only proposers whose proposals are accepted in the first phase will submit a second stage budget proposal through NSPIRES.

- Proposers will include a ballpark desired total grant size on the RPS form. Guidance as to the average grant size may have to be indirect, e.g., the total budget is X and Y proposals will be accepted).

GI Program Process, cont.

- The technical proposal will be a PDF file uploaded to RPS's server.

- The actual peer review will be handled by NASA Research and Education Support Services (NRESS, formerly NASA Peer Review Service—NPRS). NRESS staff will transfer data from RPS forms to NSPIRES database for use during the peer review
  - Reason that the PI and all US Co-Is must be registered with NSPIRES.
  - NRESS will provide the GSSC GI program manager with spreadsheets that he/she will use to track the proposals.

GI Program Process, cont.

- **Peer review:**
  - **With approval and oversight from the HQ Program Scientist, the GSSC will choose peer review panelists, assign proposals to panels and assign individual proposals to reviewers.**
  - **Logistical support (e.g., proposal sorting and distribution to reviewers) will be provided by NRESS, as requested and specified by the GI Program Manager, with support from the GLAST Project.**
  - **OGIP staff will assist with the peer review, particularly with entering observation data into the appropriate databases (in Cycles >1).**
  - **During the actual review, HQ will provide additional civil servant personnel for the monitoring of what is anticipated to be a rather large number of review panels. (Each monitor should be responsible for no more than three panels.)**
  - **The recommendations from the peer review will be summarized by the GSSC and presented to HQ for review and final selection decisions.**

GI Program Process, cont.

- **Budgets:**
  - **Proposers whose technical proposals are accepted in the first phase will then submit a budget in the second stage through NSPIRES**
  - **Awards will be decided by NASA HQ, based on general advice from the GUC and specific advice from peer review.**
  - **The peer review panel chairs and NASA HQ will decide upon the actual awards based on these budgets.**

GI Program Principles

- **Three proposal categories**
  - **Regular proposals**
  - **Large (legacy) proposals—may include a plan for up to three years, but the research program must be re-proposed every year. GUC will establish limits on number/budget per year.**
  - **GI-proposed Target-of-Opportunity (TOO) proposals—not permitted during Cycle 1. GUC will establish limits on number per year.**

- **All proposals will be ranked by the peer panels with the same scale of technical merit, but the merging panel will then consider the proposals in each proposal category separately until the desired number/budget is granted for each category.**

GI Program Principles, cont.

- Two source categories on the RPS target forms:
  - Observations affecting mission planning
    - Pointed observations,
    - Modifications of survey mode (e.g., changing the rocking angle)
    - Time-specific survey observations (in Cycles >1).
  - Observations that do not affect mission planning. Reporting these targets will identify proposals competing to study the same sources with similar methodologies
    - Analysis of archival or future survey observations (in Cycles >1)
    - Coordinated multiwavelength observations

- Thus even though proposers may not propose pointed observations in Cycle 1, proposers will use the target form to list sources for which multiwavelength observations are proposed.

GI Program Principles, cont.

- Foreign scientists can propose Cycles >1 pointed and time-specific survey observations. Foreign scientists cannot request funding. US co-Is can request funding consistent with the level of effort they will provide to a foreign-led proposal.

- GLAST science team members (instrument teams, GSSC, IDSs, etc.) who are not fully funded by the GLAST mission can receive Cycle 1 funding for research using publicly available data. Thus LAT team members cannot propose a research program based on their access to LAT event data in Cycle 1.