Status of GLAST User Support

David Band (GSSC/JCA-UMBC)
Outline

1. Timeline Posting Tool
2. GI Proposal Form
3. TOO Request Form
4. Documents
Timeline Posting Tool

• Users will request past, present and future timelines through a webpage.

• Many options exist to select the displayed observations (e.g., by time, source, PI).

• Many options exist to choose the displayed quantities.

• The tool displays the most up-to-date information available.

• The GUC will be asked to beta test this tool along with the GI tools.
• GIs will enter basic proposal and target information through the Remote Proposal System (RPS).
• RPS populates an OGIP database. Reports from this database will be used to populate GSSC databases.
• The RPS form has already been created because GSSC software requires the reports from the OGIP databases.
• Proposers can skip the target form if they are not requesting pointed observations.
• Target form based on RXTE—to too detailed?

• The GUC will be asked to beta test this interface along with the GI tools.
TOO Request Form

- Scientists will request target-of-opportunity (TOO) observations through an RPS form.
- The form supports both TOOs based on a successful GI proposal and ‘out-of-the-blue’ requests.
- The request will be e-mailed to the GSSC operations software that will ingest the data into a database and initiate the human review of the request by activating the paging system.
- The RPS form has already been created because the resulting e-mail is needed for developing the operations software.

- The GUC will be asked to beta test this interface along with the GI tools.
I have posted the revision of the PDMP based on the GUC’s suggestions at http://glast.gsfc.nasa.gov/ssc/dev/current_documents/PDMP.doc

Updates are needed from the ground system and the IOCs.
Documents—Science Data Products

- Two draft science data products documents: an ICD (~20 pages) and a ‘File Format Document’ (FFD, ~275 pages).
- The file transfer protocols and schedules have been worked out, but the ICD draft is not that mature.
- The FITS file formats defined in the FFD are quite mature, and have been passed by the OGIP FITS WG.
- We have a time convention—the same as Swift’s
  - The official time system is TT
  - Most times are given as Mission Elapsed Time (MET) relative to a reference time (MJDREF)
  - MJDREF is 0h0m0s on January 1, 2001 (UTC) or MJDREF=51910 (UTC) = 51910+7.428703703703703D-4 (TT)

- Drafts can be found at http://glast.gsfc.nasa.gov/ssc/dev/current_documents/