

GLAST

Science Support Center *Status Report*

C. Shrader, GLAST SSC
GSFC, Code 661



GSSC: Milestones, Staffing



- **Presentation to GLAST FOR, Feb 2008**
 - *No major issues*
 - *Requirements closed or to be closed (or waived) by March 16 freeze date*
 - *GSSC ready to support post-launch activities*
- **Departure of 1 key SW developer**
 - *In response, will recall 0.5 FTE, employee who had transitioned to MOC*
 - *Adding 0.1 FTE planning & schedule support during LEO*
 - *Planning replacement, i.e. flat staff profile through L+1yr*



GI Program: Schedule Drivers



Date	Months-L	Milestone
07-Jun-07	-11	Proposal materials on GSSC website
07-Sep-07	-8	GI Cycle 1 proposal deadline
17-Dec-07	-5	Peer review
01-Jan-08	-4	Results of peer review
01-May-08	0	GI program funding decision
16-May-08	0	LAUNCH!!!
Jul-08	2	Release of GBM SAE Tools, GI Cycle 1 Begins , GBM + partial LAT data release
Dec-08	7	Cycle 2 proposal materials & SAE release
Jan-09	8	Release of preliminary LAT source list
Mar-09	10	GI Cycle 2 Proposal Deadline
Jul-09	14	GI Cycle 2 Begins, full LAT data release

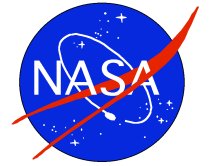


User Support

- ***Cycle-1 Program nearly implemented***
 - *Separate report*
- ***Participation in HEAD special session***
 - *GSSC services*
- ***Web services & help desk successfully implemented for Cycle-1 support***
 - *Typically 3-4 queries per day near deadlines*
 - *Inordinate spike associated with GLAST naming contest; lots of SPAM*
 - *Accumulated FAQ list*



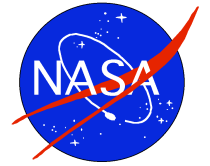
Operations Support



- ***Timeline and ToO support has been extensively tested at this point***
 - *Walkthrough demo, exchange products w/MOC*
 - *Similar exercise planned for timeline preparation*
- ***4 Mission Planning Exercises completed***



GSSC Operations Support



- ***Mission Planning Exercises***
 - *Proposal submission*
 - *Proposal ingest*
 - *Long Term Scheduling*
 - *GSSC ingest of GLAST ephemeris, TDRSS ephemerides*
 - *GSSC delivery of preliminary science timeline*
 - *GSSC ingest of ISOC and GIOC timelines*
 - *GSSC delivery of timeline package*
 - *Ingest and execution of LAT calibration observations*
 - *TOO evaluation and commanding*



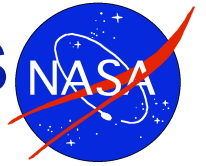
Science Analysis Software



- ***GSSC is required to provide science analysis software (SAE)***
 - *FRD § 5.3.3.2*
- ***Software developed jointly w/LAT team***
 - *LAT team manages the SAE CC until L+5m*
 - *Code architecture shared: LAT-GSSC*
 - *FRD requirement: single OGIP compliant configuration-managed software suite*
 - *SAE: current version v9r4p1*
 - *In use supporting LAT Service Challenge*
 - *Successfully ported to the HEASARC build system*
 - *V9r5 to be β -tested by “end-user” community*



Data Ingest Completion Milestones



- ***OPUS is installed and running***
- ***GSSC Pipelines completed***
 - *Data Ingest Pipeline*
 - *Proposal Ingest Pipeline*
 - *Level 0 Data Ingest Pipeline*
 - *Command Ingest Pipeline*
 - *LAT Data Ingest Pipeline*
 - *GBM Data Ingest Pipeline*
- ***Lingering DitL, ETE, and MPEx issues to be addressed in Release 9***



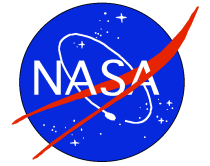
Software & Hardware Status



- **GSSC Software**
 - *Release 1 – 8 complete (01/31/08)*
 - *Release 9 (03/08/08) Launch support*
 - *Bug fixes and minor updates only*
- **GSSC Hardware**
 - *All major CPU's in-place and configured*
 - *Primary computers in Bldg. 2*
 - *Backup computer in Bldg. 14*



GSSC AI Status



- ***SOOG apparently disbanded, so AI-46 no longer relevant?***
- ***AI-53: Web form implemented***



Multi-Wavelength Observation Webform



AI 53: Establish website for observers to post GLAST-relevant observations. This information could potentially be given consideration in GLAST re-planning.

Web page established, awaiting observer inputs...

A screenshot of a web browser window showing the "GLAST Science Support Center" website. The browser is Mozilla Firefox. The URL is http://glast.gsfc.nasa.gov/ssc/resources/multi/reporting/. The page has a header with the NASA logo and "SPACE FLIGHT CENTER". Below the header is a navigation bar with links: HOME, RESOURCES, PROPOSALS, DATA, HEASARC, and HELP. The main content area is titled "Multiwavelength Observations Reporting". It contains a form for observers to provide information about their observations. The form includes fields for Name, E-mail, Telephone, Object, Source Coordinates, Observation Start Date, Observation Stop Date, and Wavelength Band. There is also a large text area for "Details: (max 800 characters)". The footer of the page shows the URL http://glast.gsfc.nasa.gov/ssc/.



Database Query



GSSC: Proposals » Multiwavelength Observations » Reporting - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://glast.gsfc.nasa.gov/ssc/dev/jd/reporting/list/index.php?sort= screenshot windows

APOD Astro-ph NY Times ADS Query Forecast--Potomac EUD Colloquia Merriam-Webster On... Time

Mail :: Inbox HEASARC ... 7-Day For... Google Re... NSPIRES -... Capture a... GSSC: ...

GODDARD SPACE FLIGHT CENTER

+ NASA Homepage
+ GSFC Homepage
+ GLAST Homepage

SEARCH GLAST:
Search + GO

GLAST SCIENCE SUPPORT CENTER

HOME RESOURCES PROPOSALS DATA HEASARC HELP

+ GSSC Home

Resources

- Mission Status
- Observing Timeline
- Observations
- Users' Group
- Multiwavelength Observations
 - + Observation Reporting Form
- Newsletter
- Library
- Related Links
- News Archive

Multiwavelength Observations Report Listing

Click column heading to sort by that column.

ID	Object	Observation Dates	Wavelength Band	Proprietary
----	--------	-------------------	-----------------	-------------

+ Privacy Policy and Important Notices
+ Get Plugins (Acrobat, etc.)
+ Contact NASA
+ FAQ, Comments, Feedback

Curator: J.D. Myers
Responsible NASA Official: Phil Newman
NASA Science Official: Neil Gehrels
Last Modified: Fri, Jan 18, 2008

Done