

AGENDA

GLAST Science Working Group Phone Call #7

August 23, 2001

Place at GSFC: Building 26 Rm 212

Time: 11:00 AM – 1:00 PM East Coast Daylight Savings Time

J. F. Ormes Presiding

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|-------|--|-------------------------------|
| 11:00 | Welcome and Opening Comments
Review of Agenda | J. F. Ormes |
| 11:10 | Comments from Headquarters
Status and issues: Agreements, ITAR, Budgets, Users Group, etc. | D. Kniffen |
| 11:20 | Comments from DoE
Status and issues: Agreements, Issues, Budgets, Reviews, etc. | K. Turner |
| 11:30 | Comments from Foreign Partners
Status and issues: Agreements, Issues, Budgets, Reviews, etc. | Italy, France, Japan, Germany |
| 11:40 | Project Overview
Issues and concerns, PDR planning, budget, schedule, other milestones | S. Lambros |
| 11:50 | Report on Science Support Center
and PDMP | J. Norris
J. Ormes |
| 12:05 | LAT team report, issues | P. Michelson |
| 12:20 | GBM team report, issues | C. Meegan |
| 12:30 | EPO and PR | N. Gehrels/L. Cominsky |
| 12:40 | Solicit Comments from members
Planning for next face-to-face SWG meeting in December
including pulsar workshop | J. F. Ormes
S. Thorsett |

GLAST SWG Telecon August 23, 2001

In attendance:

Barbiellini, Guido
Bloom, Elliott
Cominsky, Lynn
Dermer, Chuck
Frazier, Greg
Gehrels, Neil
Johnson, Neil
Kniffen, Don

Lambros, Scott
Lichti, Giselher
Meegan, Chip
Michelson, Peter
Thompson, David
Thorsett, Stephen E.
Turner, Kathy

Scott Lambros - Project Overview

LAT reviews took place all last week. Focused on cost and baseline of instrument.

The LAT PDR (Peer Design Review) has been postponed until January 8-11, 2002. NAR (Non Advocate Review) also has been postponed and will be held after the PDR, possibly in late January. Work schedule will still remain the same, and this doesn't change other reviews. Slip in the PDR does not mean slip in the GLAST schedule.

Officially in Phase B, the review was just held. Schedule was the most important issue. HQ thinks it's tight.

For the NAR - the LAT doesn't need to do anything. For the GBM, Greg is working with the GBM team to see what is needed.

EPO is part of the PDR but the AAS meeting will be going on at the same time. Lynn requested that she do her presentation at the NAR. All agreed.

Spacecraft Study - Mid-term Review: Contracted with TRW and Lockheed. Spectrum Astro is doing their own study using their own money. Final report is due in October.

GBM earlier instrument delivery. Asking GBM to deliver early so it can be mounted before the LAT. Time frame is 2 months earlier.

Peter Michelson: LAT

LAT Activities for the last couple months have focus on the PDR's.

There was also a Quarterly held with DOE/NASA, chaired by Dan Lehman. The team has action items to deal with regarding funding.

There was a Collaboration Meeting held at Stanford 2 weeks ago. Good meeting. There was GBM participation - a small group will be working together with the LAT. There were 5

different working groups formed focusing on science. These groups will meet in March/April/May time frame, possibly in Italy.

Dave Thompson talked about the successful balloon flight - nearly flawless. It was launched August 4. 3 hours of float time, winds were bad. Engineering flight, no thermal problems, lots of data (200+) from telemetry. ***Simple trigger does work.
Bottom line is: LAT type instrument will work in space environment.

Chip Meegan: GBM

International agreement sent from HQ to DLR. Hasn't been returned but don't anticipate any problems.

Chip & Steve Ritz worked on paper regarding burst triggering and burst alerts. Will co-ordinate with the SWG. This is important.

Huntsville has selected a contractor for the GMB DPU - Southwest Research Institute.

Giselher - selecting their contractor early part of September. They are looking over the proposals now - have 2 finalists.

All contractors will be in place in September so there is scheduled a team meeting, September 27-28 in Huntsville. Would like LAT member to participate.

Don Kniffen - HQ

Anne Kinney meeting has been rescheduled for the week of Sept 10. They are coordinating with Peter M.

Agreements - baseline review - Kathy Turner corrected some problems that she found in the agreements and added a glossary. HQ has made some comments since the glossary was added and was sent back to DOE yesterday. Hopefully, this will meet with their approval. The meeting is scheduled for this afternoon at 2:00 PM.

ITAR - the highest levels are moving in the right direction. International is being called on to not penalize science - to make science exempt from ITAR. Letters have gone to the White House asking to modify law.

User's Group - the first step is to ready a draft of the PDMP and then send it to the members of the User's Group. This hasn't been done yet. The PDMP draft has been sent to the PI's and selective persons. The draft is close to being ready. David Band would like to have a mid September meeting. The User's group would start off small, it would not be the full group at first. Have about 6 persons committed so far among them are Steve Kahn and Alan Tenant. Don could not remember the rest. Will send out an e-mail to SWG members letting them know the complete list.

David Band (contractor) is the lead of the SSC working under Jay Norris (civil servant).

Funding for the SSC looks good and there is some hiring being done.

Nick White would like HEASARC/GLAST M.O.U.- project document only.

Comments from Foreign Partners:

Italy - Guido - nothing really to report, most people on holiday.

France - Isabelle not available - Neil Johnson reported that the French PDR is scheduled for October 12 and will be a closed meeting. US not involved.

Germany - no report.

Japan - Tune not available.

EPO - Lynn - working on subcontracts & MOA's:

1. Robotic Telescope (RCT) with Western Kentucky/Sonoma/SLAC. John Mattox involved.
2. Poster Presentation on GLAST Ambassador Program to be given in September in Chicago.
3. GLAST Ambassador has some budget problems, so can only fund 5 out of the 19 that are qualified. Phone interviews to be done with each person in the next couple weeks. Decision will be made after that.
4. Working on the GLAST web site
5. GLAST activity book is being reviewed.
6. GLAST-AGN Poster is in the works.

Script for GLAST video - Neil

Mike Zeko has been contracted to do the video. The script has been sent out to the SWG for review and comments. Some members have already responded and Neil is trying to implement the comments.

Historical figures presented in the video are: Charles Wilson, developer of the cloud chamber; Villard, discovered gamma rays; Rutherford, photons.

Peter suggested working Enrico Fermi into script. Also suggested to present how LAT works - converting particles to anti-matter. Elliott suggested using EGRET data - search for extra dimensions.

More discussion followed.

Video will be used for reviews in CD form. It is also meant to be used for the public, in teachers workshop. Some footage will be used in the Swift video. And in the travel exhibition of SSU.

Would like to finalize the script by Sept 1 and produced by mid-October.

Elliott suggested sending the script to Helen.

Kathy Turner - D.O.E.

DOE/NASA review. D.O.E. tech standing of detectors is going really well.

There are some budget problems.

M.O.U. meeting this afternoon. Only fine tuning is needed now.

Steve Thorsett:

The next face-to-face is scheduled for December 11-12 in Santa Cruz. Pulsar Astronomy Workshop will be held on the 11th. 8 or so people have already been asked to participate including: Jim Cordes, Dave Thompson (EGRET), Marco Tavani (Agile), Roger Romani, etc. In a month or so logistics will be sent out.

Next Telecon - will probably need to be changed because Jonathan will be on travel. Will need to check with Jonathan when he returns from vacation.

For now the dates that Jonathan is available are: Friday, October 19, Tuesday, October 23, and Friday, October 26. He is in Stanford October 29-November 2. Thursday, November 1 might work well since he is in Stanford.

Adjourned.

Updated 12/16/02