

AGENDA
GLAST Science Working Group Phone Call #7
June 28, 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/A. Bunner |
| 11:20 | Comments from DoE
Status and issues: Agreements, Issues, Budgets, Reviews, etc. | K. Turner/E. Valle |
| 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 | Anything from the task group on transients?
Comments on 2 contacts per day | S. Ritz
B. Dingus |
| 12:00 | Report on Science Support Center
and PDMP | J. Norris
J. Ormes |
| 12:15 | LAT team report, issues | P. Michelson |
| 12:30 | GBM team report, any issues | C. Meegan |
| 12:40 | EPO and PR | N. Gehrels/L. Cominsky |
| 12:45 | 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 June 28, 2001

Attendance:

Barbiellini, Guido
Bloom, Elliott
Caraveo, Patrizia
Cominsky, Lynn
Dermer, Chuck
Gehrels, Neil
Grenier, Isabelle
Johnson, Neil
Kniffen, Dkon
Meegan, Chip
Michelson, Peter

Ormes, Jonathan
Pohl, Martin
Ritz, Steve
Thompson, David
Thorsett, Stephen
Turner, Kathy

Guest:
Rinaldo

Welcome by Jonathan

Don Kniffen -

- NASA-D.O.E. agreement: minor changes to be made. Will meet again July 6 or 9 with Tim Toohig.
- ITAR: Still need to put the foreign agreement in place. Code I refuses to go ahead until D.O.E. signs the agreement.
- The NASA budget has been embargoed, so can't say much. Everything seems to be o.k.. GLAST is in good shape.
- User's Committee is pending. So far have 3 members. First activity on their agenda will be to look over the PDMP draft and make comments. This should happen in the August timeframe. Dave Bertsch has reviewed the document and stated that it promises too much. Because the Italians are involved, the draft PDMP should be sent to them. Jonathan to do this.
- M.O.U. with D.O.E.: Last week had their monthly review and some concerns were names
 - a. Structure of collaboration,
 - b. General lack of experience in space, and
 - c. Multiple International agreements
 - d. GSFC concern - needs a person with more experience than Scott has.

On July 6th, Horwitz, Toohig, and Kniffin will meet and try to iron out concerns.

Everything is working fine at the working level.

Peter commented that getting the International agreements is a priority.

- PDR:
Independent assessment with Sharon Crockett didn't help much. The lack of experience came through.
Steve Ritz's review 2 years ago was well accepted. This was a good way to educate people on the project. Need to educate Ann Kenney on this project. A GSFC person stationed at SLAC would be a plus.

Steve Thorsett -

The next face-to-face will be at the University of California, Santa Cruz, on December 11-12. There will be a half-day session on pulsars on the first day of meeting.

Kathy Turner – D.O.E.

- D.O.E. Lehman review is scheduled for August 14. It was changed from the 16th to the 14th.
- Kathy will talk with Don off-line in regards to the overview of Science Working Group especially guest investigator part.
- D.O.E. has internal audits. These range from CD0 thru CD5. Baseline is at CD3, haven't done CD1-CD2 yet. CD0 was signed off last week.
- Validation document review FY03. This will put GLAST on D.O.E.
- Explanation:
 - CD is critical design
 - CD1 - preliminary baseline, preliminary design
 - CD2 - approve performance baseline, approve baseline design, start final design
 - CD3 - start construction
 - CD4 - construction ending - start operations.

Peter Michelson -

- Status of the LAT: internal PDR for subsystems is underway. The tracker system was done last week. All this is in preparation for the PDR and baseline review scheduled for the latter half of October.

Foreign Partners:

Italy - Patrizia:

Everything proceeding on schedule; awarded contract for money to study GLAST.

Guido/Rinaldo:

M.O.E. - INFN's part is ready to sign.

France - Isabelle:

Have had several reviews; Generally positive recommendation for the whole program. Money was found to take the project thru the PDR; if successful then there will be the go ahead. There is no budget problems for this year or next. Everything proceedings as swiftly as possible. Final signature on documents after the French PDR. NASA has already sent French proposal for comments.

Jonathan Ormes - Project Overview

LAT is going over budget. In the initial confirmation review the concern is “propulsion system needed?”

Martin: does the overall budget allow for propulsion system?

Don: provisions in budget for larger launch vehicle. This goes away if it’s not needed.

Steve Ritz -

Issue: project description -

UTC time - segmented.

GPS time - continuous increment of number.

For reporting transients and on board operations.

Science impact.

The problem is in data handling. Don stated the key is, is it accurate?

Getting spacecraft position from GPS - these questions coming from the spacecraft accommodation studies.

Spacecraft timing - just passes along GPS time and does not convert.

Precision needed is listed in the proposal.

For pulsar questions should talk with Steve Thorsett.

All comments to Steve within the next 10 days.

Chip Meegan - GBM

- Still waiting for the International agreements.
- Evaluating bids here. Germany has 6 bids for data processing unit.
- Do not intend to produce sky exposure map as did for BATSE, but will keep a record of each. This is not easy to produce.
- Total run out cost for IOC: Is this an action item for LAT or are we also to do it? If so, we need help. We probably should talk to the financial people. It was suggested that this be put on hold until Dennis asks for it.

Lynn Cominsky -

- On June 21st federal funding of website must be in compliance with new rules. Each site should check their own site to make sure they are in compliance. MSFC and GSFC should run the “BOBBY” program to see if they are in compliance. GSFC is following this already - JD has already done this.
- CD has gone to press. A CD with GLAST website will be ready in the fall.
- Remote controlled telescope, run by John Mattox, at Kitt Peak. This is a 15" telescope for pre-launch. Could have dedicated time for Swift and GLAST if approved. It will be fully operational in a year, \$15K-\$25K/pre-launch/per year. Need connection to real space scientist.
- Lynn to chair meeting next year, October 11-12, 2002.

Neil Gehrels - Outreach at GSFC

- GLAST video - Mike Zeako & Company will produce. The script is complete and will send to the SWG for comments. Jerry Bonnell has been working on it. May include Charles Wilson, historical documents on the cloud chamber.

Dave Thompson -

- Have a working balloon model for launch in July in Texas.

Scheduled Telecons for the remainder of the year:

- August 23
- October 25
- Will cancel July, September and November.
- Face-to-face: December 11-12, 2001 in Santa Cruz.

12/18/2002