

STANFORD LINEAR ACCELERATOR CENTER

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February 21, 2003

To: GLAST LAT Peer Review Committee Members

Reference: LAT Subsystems Peer Review Charge

In order to assure that the GLAST-LAT design and development is progressing satisfactorily toward a LAT Instrument Critical Design Review, the GLAST-LAT Project Management is holding a series of Subsystem Peer Reviews. We request your participation in these Peer Reviews from March 17th through the 28th. The Calorimeter review will be held at NRL, all others will be at SLAC.

The Subsystems to be reviewed are as follows:

Calorimeter Subsystem	March 17 th – 18 th
Electronics/DAQ/Power/Flight Software Subsystem	March 19 th – 20 th
Tracker Subsystem	March 24 th – 25 th
Mechanical Subsystem	March 26 th -27 th
Integration & Test	March 28 th

The Committee Chairs and Membership are listed in the attached table. The Chairmen will be responsible for coordinating Request for Actions (RFAs) that are proposed during the review and producing a summary consensus report. The chair should submit the report to me within 10 business days of the conclusion of the respective Subsystem Peer Design Review.

Websites with review materials will be provided prior to the reviews.

Each Committee is requested to evaluate and address the following questions:

- Is the subsystem design maturity, qualification and verification planning near CDR level?
- Has the subsystem identified open design issues and established appropriate resolution plans to ensure closure?
- Is the subsystem near readiness for manufacturing?
- Has the subsystem identified open manufacturing issues and established appropriate resolution plans?
- Are there other issues the committee feels should be addressed?

Sincerely,

W.E. Althouse
Project Manager, GLAST LAT