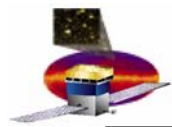


# GLAST Large Area Telescope: I&T Integration Readiness Review

Online Peer Review  
July 21, 2004

Summary

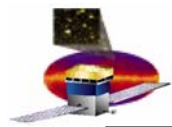
Ric Claus  
Online Manager  
SLAC



## Conclusion

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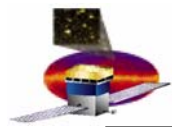
- We have made great progress.  
We have a well established scripting framework
  - Run Control
    - Message Logger
    - Environmental Monitor
    - Register Browser
    - Data visualization
  - Scripts
  - E-logbook
  - Data persistence, archiving and parsing
  - CM – versioning, releases, installation procedures
  - Single event display
  - Issue tracker
  - Subsystem support
- All for only \$19.95 + S&H...
  - But wait! There's more:
    - You get the documentation absolutely free!



## Concerns

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- Timely delivery from subsystems
  - FSW (LATc, Housekeeping stream)
  - SAS (pipeline, now delivered...)
- Subsystem focus on their I&T over LAT I&T
  - Multiple philosophies
  - Merging work needed to ensure delivered scripts will work in the LAT I&T environment
- Greater than expected support requirements
  - EM-2 (we're not quite ready to treat it like flight yet)
  - GASU commissioning
  - PRU Road-show



## Summary

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- **Presented Online System features and interfaces**
  - **Presented list of completed and not yet completed items**
  - **Presented plan for completing unfinished items**
  - **Presented verification and validation plan**
- 
- **Software is never finished**
    - **There will always be change requests**
    - **This will be brought under control via a CCB (LAT-MD-03492)**
  - **Aim to be ready with something that meets the baseline EGSE requirements**