GLAST Large Area Telescope: I&T Integration Readiness Review

Online Peer Review
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Summary

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Conclusion

• 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

- 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

- 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