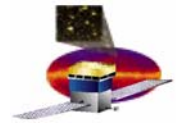


GLAST Large Area Telescope: Performance & Safety Assurance

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Performance & Safety Assurance Manager

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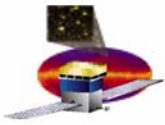
Outline

- September Significant Accomplishments**
- Issues/Concerns**
- Actions**
- Cost Variance Analysis**



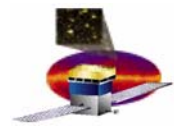
September Significant Accomplishments

- **Contamination Control**
 - **Finalizing SLAC I&T Facility contamination monitoring and certification schedule with Technical Safety Services, Inc.**
 - **Vendor to furnish and analyze NVR witness plates and particle fallout samples and certify nitrogen purge system**
 - **Vendor also to test and certify HEPA filters**
- **EM fabrication, assembly, integration and test activity support**
 - **Completed first draft of Work Order Requirements document**
 - **Coordinated the development and maintenance of an Issues/Problems List for Tracker EM and I&T EM activities**
 - **Regular discussion has been initiated on the status of Tracker issues/problems**
 - **Need to provide overview and training to Mechanical Subsystem personnel on LAT work order and NCR systems**
- **Receiving inspection of Grid 4X4 aluminum billet performed**
 - **Visual inspection**
 - **Dimensional inspection**
 - **Ultrasonic Inspection results reviewed (C-scan & Certificate of Compliance)**
- **Coordinated meetings on SLAC integration and test facility activities**
 - **Performance Assurance will support I&T to finalize and release LAT Integration and Test Facilities Plan, LAT-MD-01386**



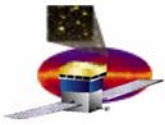
Issues/Concerns

- **No Material Certification was received from the mill for the Grid 4X4 billet**
 - **NCR was generated by QA**
 - **Material Certification was received by SLAC Purchasing on 9/22/03 and will be routed to QA for review**
 - **NCR will be dispositioned once Certification is reviewed**
 - **Billet “conditionally” accepted for use to begin rough machining**
- **Three submissions of Omnectic qualification connectors for the Tracker were noncompliant**
 - **Identification, traceability & contamination discrepancies identified**
 - **LAT representative visited Omnectics on 9/17 to discuss issues**
 - **Cleaning step added prior to inspection at Omnectics**
 - **Omnectics initiated software change to avoid confusion related to traceability documentation**
 - **Identification issue resolved prior to third submission**



Actions

- **None**



Cost Variance Analysis

- **Cumulative CV = \$216K**
 - **Management (CV = \$36K) Labor cost lower than SLAC labor rate**
 - **Quality Assurance (CV = \$101K)**
 - **\$66K of variance due to delayed Stanford processing of subcontractor invoices. Actual expenditures in line with planning**
 - **\$30K credit received from SLAC for operating cost expenditures**
 - **Training (CV = \$2K)**
 - **Systems Safety (CV = \$0K)**
 - **EEE Parts Control Program (CV = \$81K)**