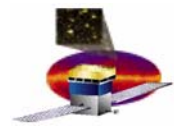


GLAST Large Area Telescope: Performance & Safety Assurance

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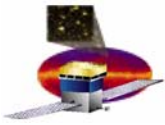
Outline

- July Significant Accomplishments**
- August Planned Accomplishments**
- Cost Variance Analysis**



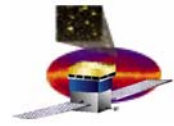
August Significant Accomplishments

- **Initiated NCR system modifications and provided overview of NCR system operations to key personnel**
 - **I&T utilizes work orders and NCR system for EM activities**
 - **I&T cleanroom deficiencies will be processed through NCR system**
- **Met with I&T personnel on continual basis to discuss, review and approve EM work orders**
- **Conducted mate/demate training at SLAC and UCSC**
- **Performed another iteration ESD and Flight Hardware Handling training**
- **Performed follow-up on Tracker Tray PRR actions**
- **Continue to integrated LAT on-site representative at INFN into Tracker fabrication, assembly and test activities**
 - **Mate/demate training**
 - **Mini tower Pre-Ship Review**
 - **Work order preparation guidance**
 - **Test planning support**
- **Supported daily I&T operations meetings and EM integration and test activities**
- **Coordinated the development and maintenance of an Issues/Problems List for Tracker EM and I&T EM activities**
- **Obtained DOE approval for the LAT Operating & Support Hazard Analysis and the revised Preliminary Hazard Analysis documents**



Near-Term Milestones

- **Provide overview and training to Mechanical Subsystem personnel on LAT work order and NCR systems**
- **Continue contamination control implementation activities**
 - **Purge-line plans and review**
 - **I&T Facility Operations**
 - **Witness plate implementation**
- **Develop work order requirements document to supplement previously distributed work order guidance documentation**
- **Work in concert with LAT Manufacturing Engineering on vendor selection and qualification**
- **Coordinate Production Readiness Review activities for MCM PWBs, Tracker Bias Circuit, Tracker Flex Cable, 4X4 Grid**
- **Ensure lessons learned/issues/problems identified during EM activities are captured**



Cost Variance Analysis

- **Cumulative CV = \$149K**
 - **Change Request initiated in July for QA support contract rephasing**
 - **Management (CV = \$36K) Labor cost lower than SLAC labor rate**
 - **Quality Assurance (CV = \$33K)**
 - **Variance due to delayed Stanford processing of subcontractor invoices. Actual expenditures in line with planning**
 - **Training (CV = \$1K)**
 - **Systems Safety (CV = \$0K)**
 - **EEE Parts Control Program (CV = \$81K)**
 - **EEE Part WBS element transferred to Design Engineering.**