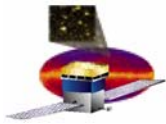


GLAST Large Area Telescope

WBS 4.1.B ISOC GSFC Monthly Review

January 2004

David Lung
LAT ISOC Subsystem Manager



January Accomplishments

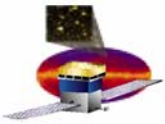
☐ Re-baseline Completed

- Completed the re-baseline effort
 - ✓ Updated ISOC WBS scopes and responsibilities
 - ✓ Reduced ISOC schedule complexity by removing unnecessary interdependencies
 - ✓ Updated the resource loading to level out the expected FTEs

☐ Supported Peer Reviews and TIM at GSFC

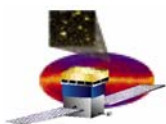
- In the last two months, ISOC supported two Peer Reviews and a TIM at GSFC
 - ✓ GSSC Peer Review
 - ✓ MOC Peer Review
 - ✓ Ground System Technical Interface Meeting
 - Discussed the ground network architecture
 - Coordinated the schedule and plans during the Spectrum Astro hiatus period
 - The command timeline was worked by MOC, ISOC, and GSSC participants - timeline details the flow of command requests from the ISOC to the GSSC for inclusion in the observatory timeline, which is then passed to the MOC for upload to the spacecraft

☐ Kicked off the ISOC Peer Review preparation



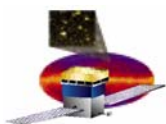
Planned February Activities

- ❑ **Continued preparation for ISOC Peer Review**
 - **Update ISOC level II and III requirements**
 - **Establish mature drafts of ICDs between ISOC and MOC**
 - **Tentative preparation schedule**
 - ✓ **1st Draft Due: 2/9**
 - ✓ **Wall Walk: 2/23 - 2/24**
 - ✓ **Final Set: 2/25**
 - ✓ **Posted on website: 2/26**



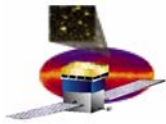
Near Term Milestones

Milestone ID	Milestone Description	Original Date	Current Date	Major Requirements to Achieve Milestone	Notes
TBD1	Update Level II and III requirements	08/15/03	2/24/04	Updating requirements to reflect Science Operations Group	
TBD2	Preliminary release of the Verification and Validation Plan	09/05/03	2/24/04	Released, received feedback from GSFC	
TBD4	First Draft of Ops ICD	10/31/03	2/17/04	Received the updated draft of the Ops Document from GSFC	
TBD5	LAT CMD/TLM database definition	10/31/03	2/17/04	Completed Definition – Started populating the Thermal definitions	



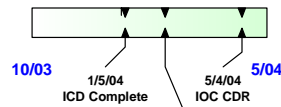
Key Milestones

- ❑ **Key FY 04 dates for ISOC Subsystem**
 - **ISOC Subsystem Peer Review** **03/02/04**
 - **ISOC CDR** **05/04/04**
 - **Tower A/B Database Release** **05/28/04**
 - **ISOC Software Release 1** **06/16/04**
 - **Needed to support GSFC GRT #1**
 - **ISOC Software Release 2** **08/26/05**
 - **Needed to support GSFC GRT #5**

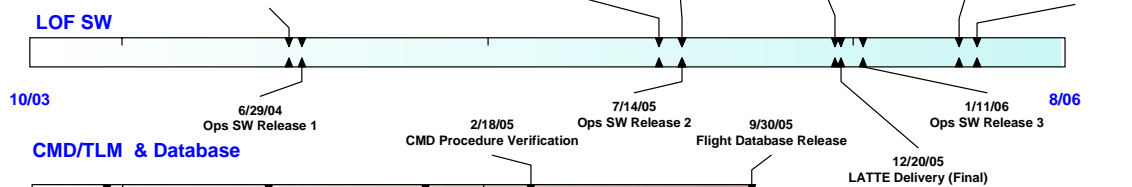


ISOC Re-baseline Key Dates

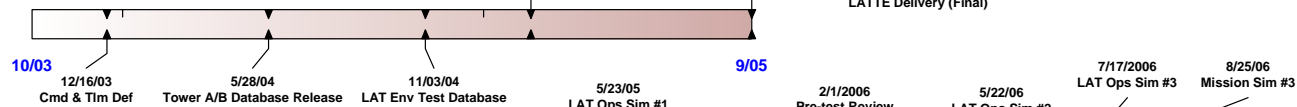
IOC CDR Preparation



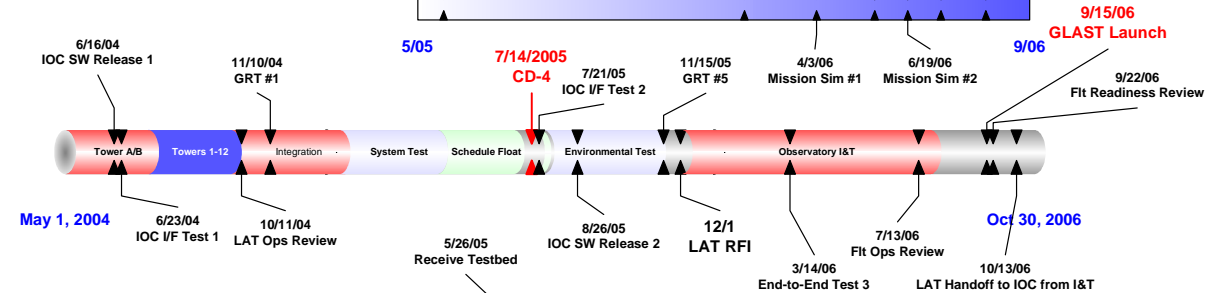
IOC Software



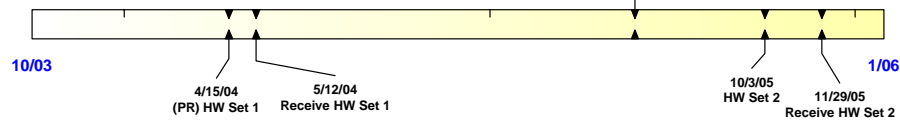
CMD/TLM & Database



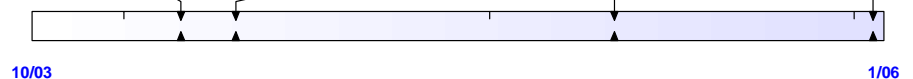
Training Sim

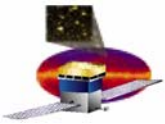


Ground HW



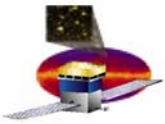
Facility





Open Issues/Concerns

- ❑ No significant technical threat at this time
- ❑ Concerns
 - Science Operations Group (formerly: Instrument performance and evaluation group)
 - Concern: The function has been identified, but the formulation of the group's role, responsibility, and funding is still work in progress.
 - Closure Plan: The PI is providing the leadership role in formulating the group's role and responsibility.



Cost & Schedule Status

- ❑ **Schedule & Cost threat**
 - There are no schedule and cost threats in ISOC's critical path
- ❑ **Cost & Schedule Variances (December)**
 - No significant schedule or cost variance since rebaseline