

GLAST Large Area Telescope

**WBS 4.1.D SAS
GSFC Monthly Review**

Period Ending: Jan 2005

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Dec Accomplishments

- **Flight Integration Support**
 - Released bulk of code on Dec 12
 - Tkr ToT calibrations by end January
 - Updated CAL calibrations delivered after Xmas
 - Pipeline handled Xmas-break data fine
 - Still an issue with error handling of scripting errors in user scripts
- **User Workbook going great guns**
 - More polishing on the New User introduction
 - Documenting use of FRED event display now
- **Java data handling tools proposal**
 - We have adopted this approach
 - Tony Johnson (SLAC) has agreed to manage our data handling projects
 - First new system tests interface to hit the street Jan 15. Things are happening.
 - J-P Lefevre from Saclay to arrive for 6-month sabbatical around 1/24
 - Has java experience for data servers on 2 astro missions
- **Software developer in charge of Release Manager left group**
 - Replacement req just hit the street
- **DC2 Coordinating Committee**
 - Starting to define sky model
 - Aiming for end Feb for a testable model

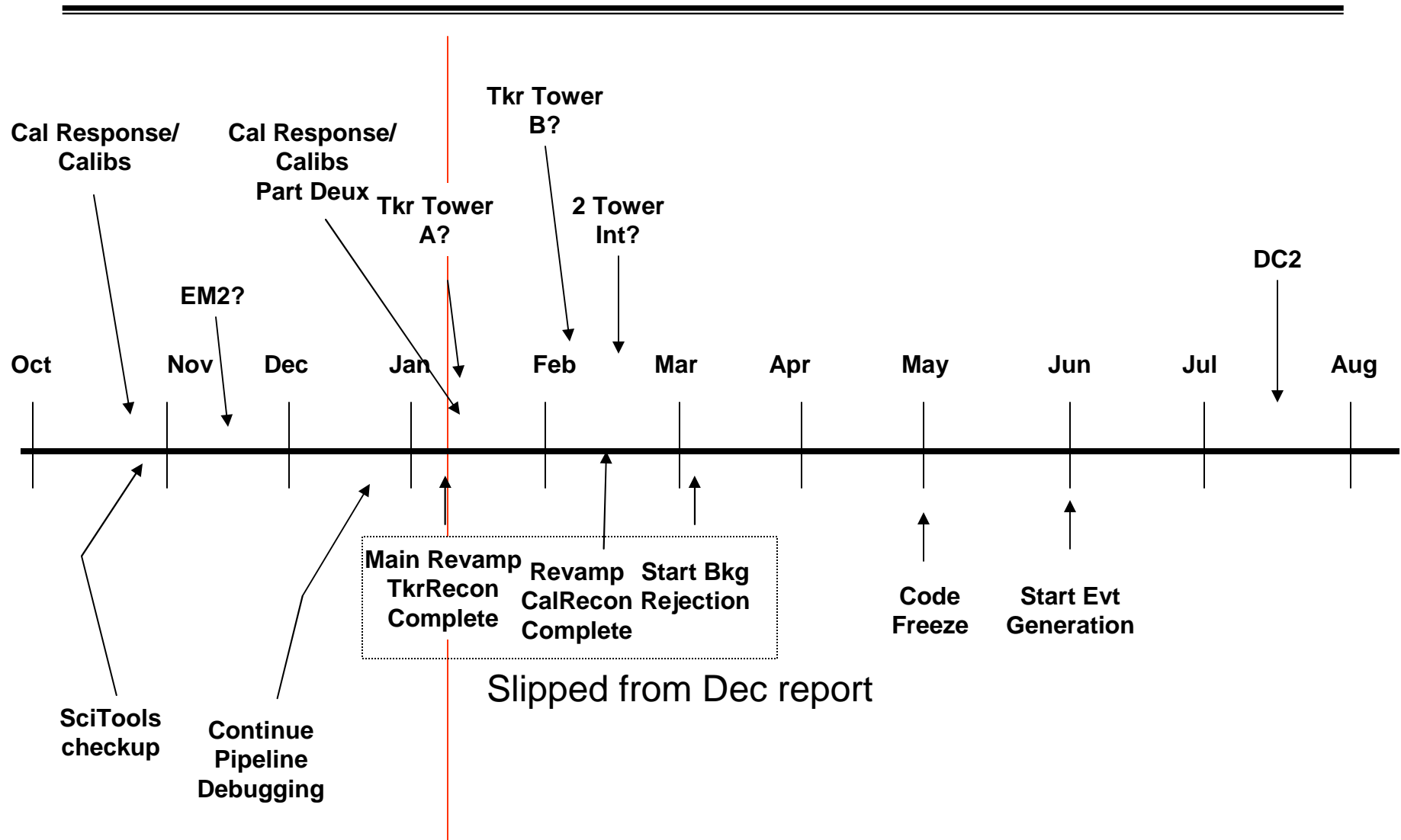


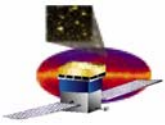
Upcoming for January

- **I&T deliverables**
 - Keep working on TKR Tot
 - Keep working on more sophisticated CAL calibrations based on what's been learned during assembly at NRL
- **Gino pipeline functioning**
 - Keep testing it
 - Ran 2 allGamma MC runs over Xmas (twice, in fact)
 - Completely smooth. Now have tools for metering MC jobs into the pipeline and for accessing the data catalogue from compiled code
- **TkrRecon upgrade**
 - First major tag released 1/4
 - Plan to run 1M allGammas to see how it looks
- **CalRecon upgrade (Nov-Jan probably) – repeat from Dec report**
 - Waiting for TkrRecon to finish up
 - David Chamont (LLR/Paris) visiting next week to discuss the changes
 - Add clustering and “MIP-segment” finding
- **Send out req for Infrastructure position**



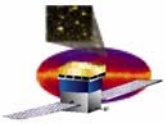
Timeline





Key Milestones

- ❑ **Start of Flight Integration – Jan 2005**
- ❑ **File transfer test with GSSC/ISOC – Jan 2005 - delayed**
- ❑ **Mission GRT1 – Feb 2005 – delayed a few months**
- ❑ **DC2 – July 2005**



Issues & Concerns

- ❑ I&T support has been heavy load
 - ❑ Hardware will start arriving sometime... all our pieces have to be in place.
- ❑ Thinking about DC2 – must juggle I&T support with DC schedule
 - ❑ Getting the background rejection done in a timely fashion will be hard. May need to start it in parallel with CalRecon revamp