

# GLAST Large Area Telescope

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

**Period Ending: Sept 2005**

**Richard Dubois  
LAT SAS Subsystem Manager**



# September Accomplishments

---

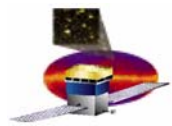
- **Flight Integration Support**
  - **Pipeline working smoothly**
    - **parallel process long data runs now**
      - Have multiple batch jobs reconstruct a single digi (raw data) file
  - **Not much happening here for ~ 1 month**
- **Infrastructure**
  - **Installer now supplies full loads for linux and windows**
    - **Friendly java gui ready (primarily for windows)**
    - **Linux gui version just released**
- **LAT DataServer**
  - **In routine use for DC2 studies**
    - **User supplies cuts and gets back tuple file**
    - **(run,event) list yields detailed event data, especially for visualization with FRED**
    - **Instituting generic dataset catalogue now, partly to accept datasets from Lyon batch farm (outside SLAC pipeline)**
    - **Will have to develop parallel processing for pruning 1B DC2 dataset**



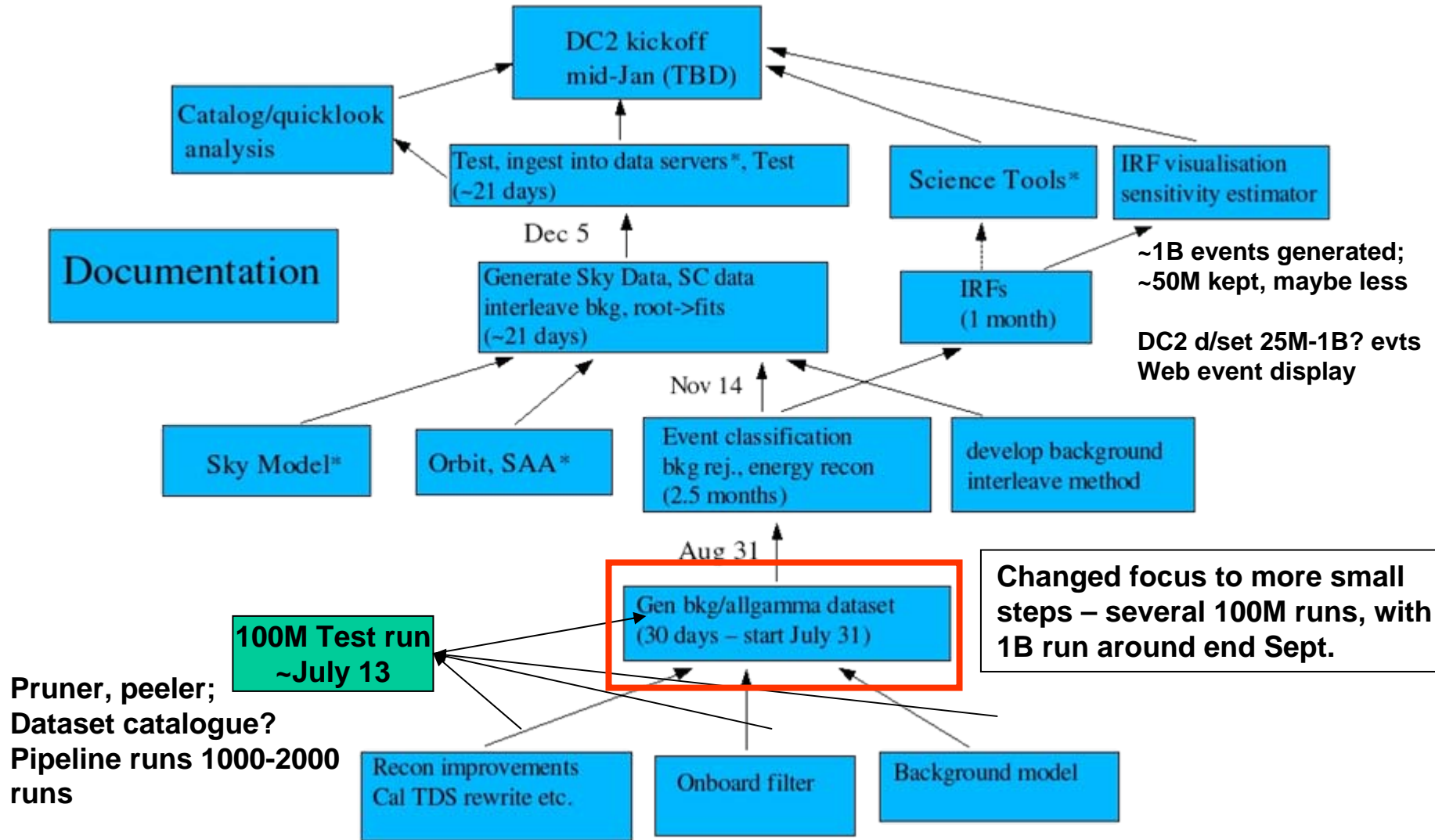
# More September

---

- **Switched focus to DC2 prep with I&T stable**
  - **Routinely producing 100M event backgrounds samples**
    - **2000 batch jobs run in pipeline**
  - **Science Tools Checkout #3 – just wrapping up this week**
  - **Getting down to the wire now:**
    - **Getting ready for 1B event backgrounds run late this week or early next week**
      - **20,000 batch jobs!**
      - **Will make use of batch farm at Lyon in France**
    - **Ironing out the last details now prior to freezing code**

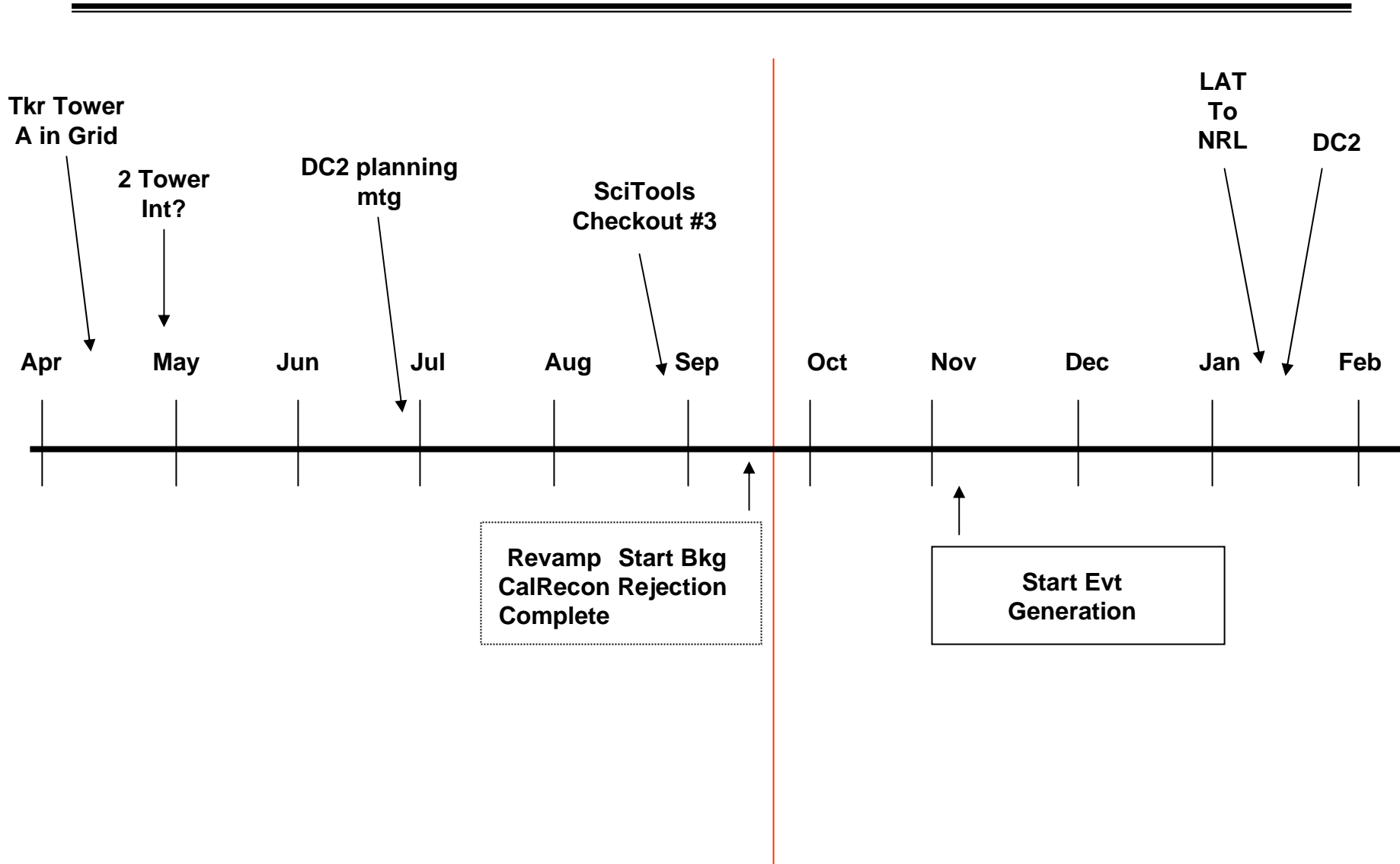


# High Level DC2 Schedule





# Timeline



Revamp Start Bkg  
CalRecon Rejection  
Complete

Start Evt  
Generation