GLAST Large Area Telescope

WBS 4.1.D SAS
GSFC Monthly Review

Period Ending: March 2005

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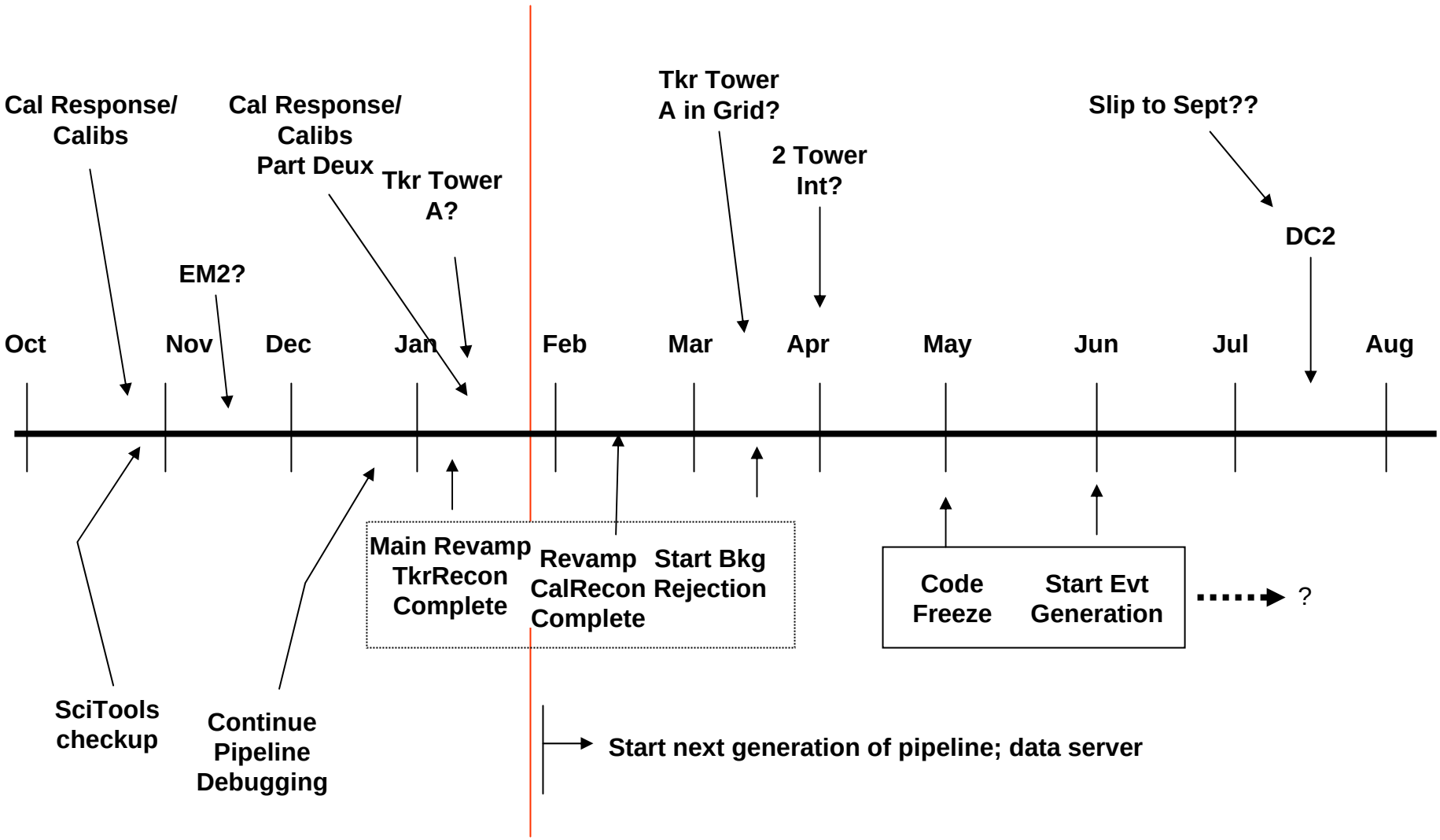
Feb Accomplishments

- Flight Integration Support
  - I&T has asked for new TkrRecon and CalRecon – warts and all
    - Trying hard to supply this for first tower in grid
      - A tad too frenetic!
  - Pipeline stable
    - Introduced 3 tiers: prod/dev/test servers etc
    - Still some work to do on perl back end: managing db connections better; allow easier connections between task datasets; archiving
  - Still waiting for “real data” to start CCB process; we’re poised!
    - Real Soon Now
- Sim/Recon tools used for descope studies
- User Workbook going great guns
  - Moving on to detailed examples of how to use code
- data handling tools
  - Looking at some data server options
    - J-P LeFèvre looking at using Oracle for subset of meta data all in memory
- Manpower
  - Extending offer to 2nd choice candidate now
  - Commitment from SLAC to extend our tech writer past July
  - NASA SAS $$ seems secure to launch (ref last month’s complaints!)

Upcoming for March

- I&T deliverables
  - Make it all go with real data under real conditions!
- Gino pipeline functioning
  - Keep testing and supporting it
  - Start assembling the next version – given input from workshop and experience from Gino
- TkrRecon upgrade
  - tweaks
- CalRecon upgrade
  - TkrRecon finishing up
  - David Chamont (LLR/Paris) expects re-org by mid-late March
  - Work on clustering just starting
  - "MIP-segment" finding ongoing at Montpellier
  - Energy corrections (low and high at LLR/Paris; Berrie Giebels, Philippe Bruel) – due mid March
- Have SciProg replacement in place

Timeline


Cal Response/ Calibs
Cal Response/ Calibs Part Deux
Tkr Tower A?
Tkr Tower A in Grid?
2 Tower Int?
Slip to Sept??
DC2
EM2?
Oct
Nov
Dec
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Main Revamp TkrRecon Complete
Revamp CalRecon Complete
Start Bkg Rejection
Code Freeze
Start Evt Generation
?
SciTools checkup
Continue Pipeline Debugging
Start next generation of pipeline; data server

Issues & Concerns

- 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