GLAST Large Area Telescope

WBS 4.1.D SAS
Face-to-Face Managers’ Meeting

Mar 17 2005

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Inter-dependency with I&T

- **Version of sim/recon**
  - New TkrRecon released; continual tweaking
  - Aiming for CalRecon intermediate new version
    - ‘modern’ calibration algs & used in digi/recon
    - Re-org and revised energy corrections not ready
    - Seeing problem with gain range 1+. Should not be a problem for muons. Still looking for the solution in the meantime. [Bug found and fixed. Testing to start!]
    - Will start reviews of new CalRecon data structures next week
  - UDF & error reporting getting included. Use LDF class lib to decode on the user end.
  - ‘batch’ mode calibration input in progress
    - Gui is fine, but tedious for lots of entries
    - Appears to be ready to test
  - All should be ready for first tower in grid
  - Heather taking next week off (gulp)

- **Pipeline is working**
  - Small upgrades in progress
    - Just forked off test database to provide more stable prod/dev environment for patching (complete)
    - More flexible configurability for to allow one task (eg reprocessing) to take input files from another task (just complete)
    - Better management of database connections
    - Finish up archiving – will mirror to another disk in meantime
    - We’re working out a support model, based on jira Two shift coverage with svac filtering problem reports.
DC2 Prep

- Awaiting CalRecon upgrade before starting big background rejection studies for DC2 re-eval of performance
  - Will start reviewing data structures
  - Tracy working with CAL folks on clustering and MIP-segment finding. Lists of hits/cluster now available. Montpellier code now translated to proper infrastructure for them to move forward.

- Sky model targeted to be ready this month. In good shape, with new AGN, pulsar, diffuse emission working groups.

- Catalogue work at Saclay progressing well

- Will look at background interleaving soon (1 day’s background on 30 days’ signal)

- Still wondering about delaying DC2 kickoff
  - Thinking about interim working meeting in May/June.
Manpower Issues

- Problems in Italy
  - No movement on recovering Marco Frailis
  - Riccardo is covering MRvcmt/FRED/rdbGui
    - Navid now understands much of MRvcmt
- SLAC budget woes
  - Seem to have been finessed
- SAS On-project funding transition
  - Transition is at launch, not this year. Worry about it later.