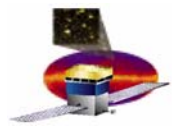**Gamma-ray Large Area Space Telescope**

GLAST Large Area Telescope

WBS 4.1.D SAS
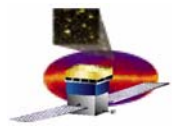## Face-to-Face Managers' Meeting

Feb 16 2005

Richard Dubois
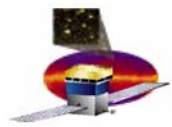**SAS Subsystem Manager**

Inter-dependency with I&T

- **Version of sim/recon**
  - **New TkrRecon essentially done; continual tweaking**
  - **Aiming for CalRecon intermediate new version**
    - **'modern' calibration algs & used in digi/recon**
    - **Re-org and revised energy corrections not ready**
  - **Hoping for new tags this week.**
  - **Tkr ToT calibs still being worked on**
  - **Calibrators will meet with Eduardo next week to ensure ducks are lined up**
  - **Incorporate latest LDF version from Online**
  - **'batch' mode calibration input in progress**
    - **Gui is fine, but tedious for lots of entries**
    - **MySql scripts as workaround exist in the meantime**
  - **All should be ready for first tower in grid**

- **Pipeline is working**
  - **Small upgrades in progress**
    - **Just forked off test database to provide more stable prod/dev environment for patching**
    - **More flexible configurability for to allow one task (eg reprocessing) to take input files from another task**
    - **Better management of database connections**
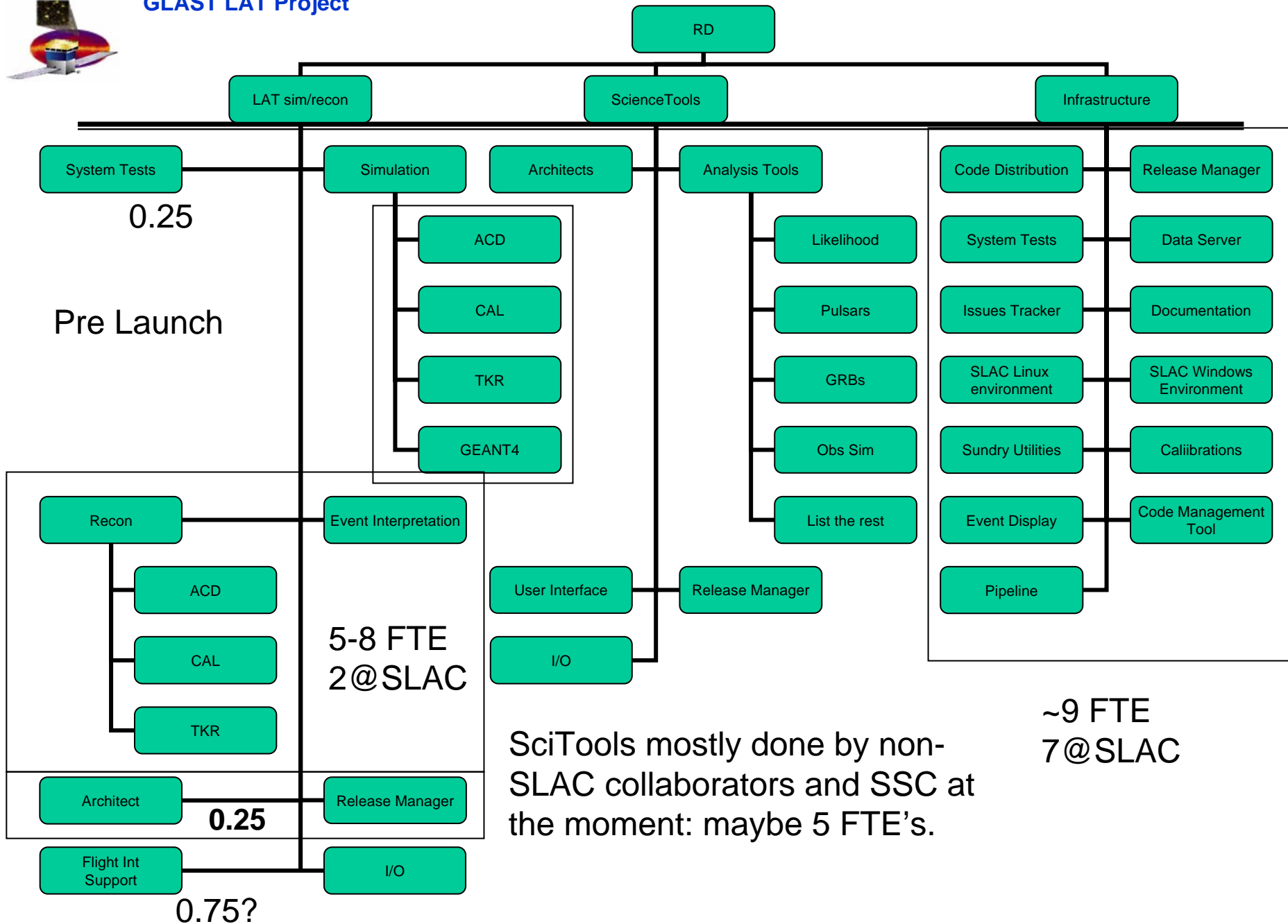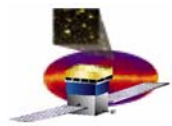   - **Finish up archiving**

DC2 Prep

- **DC2 steering committee meeting 2-3x per month**
- **Awaiting CalRecon upgrade before starting big background rejection studies for DC2 re-eval of performance**
  - **Looking like mid-March at the moment**
- **Used all the tools for 12-tower descope studies, so we are getting some practice there**
  - **SLAC batch farm has been idle lately. Excellent throughput plus there has been a big upgrade of machine speed. Very noticeable.**
- **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)**

Manpower Issues

- **Problems in Italy**
  - **Lost one key developer at Udine, responsible for our developers build tool gui.**
  - **Part of Riccardo-Marco team, who brought us FRED (event display), MRvcmt (build tool gui) and rdbGui (calibration parameters gui)**
  - **No idea how to replace Marco yet; Riccardo not too happy with loss of Marco**
  - **Brings into question software support promises…**
- **SLAC budget woes**
  - **DoE cap is limiting ISOC hires**
  - **Unknown magnitude of effect yet (see ISOC report)**
  - **If there are real cuts, will need to share SAS manpower into ISOC, hence descope SAS activities. No accounting for support of Analysis Coordinator yet.**
  - **Persis says too soon to panic, so, what - me worry?**
- **SAS On-project funding transition**
  - **While an arbitrary date to us, operations phase is approaching and apparently a different model for continuing funding**
  - **Given Italian situation as example, I'm nervous that our 4+ key people on project funds are safe (ie assurances that all will be taken care of are now met with skepticism!).**

RD

LAT sim/recon

ScienceTools

Infrastructure

System Tests

0.25

Pre Launch

Simulation

ACD

CAL

TKR

GEANT4

Architects

Analysis Tools

Likelihood

Pulsars

GRBs

Obs Sim

List the rest

Code Distribution

System Tests

Issues Tracker

SLAC Linux environment

Sundry Utilities

Event Display

Pipeline

Release Manager

Data Server

Documentation

SLAC Windows Environment

Caliibrations

Code Management Tool

Recon

ACD

CAL

TKR

Event Interpretation

5-8 FTE
2@SLAC

User Interface

Release Manager

I/O

Architect

0.25

Release Manager

Flight Int Support

I/O

0.75?

SciTools mostly done by non-SLAC collaborators and SSC at the moment: maybe 5 FTE's.

~9 FTE
7@SLAC