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