GLAST Large Area Telescope

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

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January Accomplishments

• Continuing DC1 Analysis effort
  – 5 more days of DC1 data added
    • Loaded onto SLAC & SSC servers
  – Testing functionality and usability of the tools
  – Analysis contributions coming in to “wiki”
    http://www-glast.stanford.edu/cgi-prot/wiki?DataChallenge1
• Refocused SciTools architecture design post DC1
  – Toby Burnett (LAT) & James Peachey (SSC/HEASARC) working closely on iterating design
    • Started data I/O to tools
• OPUS pipeline is beginning to function
  – Can run DC1 data using SLAC batch farm
  – Database updating is happening
• New code releases (GlastRelease & ScienceTools) post DC1
  – Updated external packages; newer linux & windows compiler support
  – ScienceTools improvements from DC1 experience
• Started Network Monitoring with SLAC Computing Center
  – Connectivity to all GLAST collaborating sites from SLAC
  – File transfer speeds to GSFC and LAT farms (Lyon, Perugia) in the works
Upcoming for February

- DC1 Closeout meeting 12-13 Feb at SLAC [tomorrow!]
  - Evaluate effectiveness of tools and data content & formats
  - Core software meeting for the rest of the week
- Make more Onboard Filter info available for analysis
- OPUS pipeline functioning
  - Are interviewing I&T folks as client for its services for EM2
  - Now starting to write to the Oracle database – last piece of the puzzle
- Release Manager revised; windows builds operational [end of week]
- Windows servers up and running at SLAC [no news yet. Always imminent]
  - 3 dual CPU jobbies
  - Users & builds/System Tests on Windows
- Reviews of
  - SLAC data server (done)
  - OPUS pipeline (today)
  - Release Manager
  - System Tests
- Prepare for ISOC Peer Review
  - Summary of DC1 closeout
  - Networking concept for connectivity to Goddard
Key Milestones

- DC1 Closeout – 12-13 Feb 2004
- ISOC Peer Review – Mar 2 2004
- SAS Subsystem CDR – May 26, 2004
- EM2 (support) – June 2004?
- Start of Flight Integration (support) – June 2004?
- GSDR – July 2004
- Mission GRT1 – Nov 2004
- DC2 – Dec 2004?
Issues & Concerns

- No significant technical threat at this time

- Post DC1 Evaluation
  - Work out data transfer scheme with GSSC
    - Have met up with author of candidate tool (DTS)
  - Post-mortem on first release of SciTools
  - Continued studies of background rejection & onboard filter
  - Start thinking about DC2

- Prep for a string of reviews
Lehman Outline

- Reminder of scope of SAS work
- Manpower and organization
- Test plan executed by Data Challenges, EM units, LAT I&T, Beam Test, GRTs (Ground Readiness Tests – Mission)
- Rough outline of Data Challenge schedule and plans
- Summary of DC1
- Projection of DC2
- Issues etc