Flight I&T Support
As the CCB Turns

July 28, 2005
Finished retaking 6 tower data.

Work has begun to add ACD entries to the SVAC ntuple.

Recon size – a trial tag of reconRootData v8r0 using Double32_t rather than Double_t for all data members in TkrRecon now exists. Won’t be promoted to GR HEAD until some MC runs are complete. It is hoped the TKR group can help check that no harm was done.

Our discussion of JO files last week resulted in Gleam’s options being updated to mimic Anders’ style.

IA meeting at 8 AM tomorrow.
EM v5r0608p1 still in the pipeline
- Based on GR v6r8

EM HEAD includes:
- TkrUtil v3r4p1 – fixes JIRA TKR-17
- xmlGeoDbs v1r22p7 – includes 10,12,14 towers arrangements, addresses JIRA GEO-6, and 8tower+ACD
- Rootlo v15r8p1em3 – minor fix for windows
- GlastSvc – addresses JIRA GEO-5
- LatIntegration v2r30 – MC JO files updated for better TKR noise
<table>
<thead>
<tr>
<th>TAG</th>
<th>Description</th>
<th>When?</th>
</tr>
</thead>
<tbody>
<tr>
<td>v5r0608p0</td>
<td>New CalDigi, CaXtalResponse, CalUtil Updated calibGenCAL Fixed RootIo for error summary</td>
<td>Tagged</td>
</tr>
<tr>
<td>v5r0608p1</td>
<td>New CaXtalResponse,</td>
<td>Tagged, Blessed by CCB, in pipeline</td>
</tr>
<tr>
<td>v5r0608p2</td>
<td>Latest calibGenCAL</td>
<td>Tagged, blessed by CCB</td>
</tr>
<tr>
<td>v5r0608p3</td>
<td>All the stuff in EM HEAD</td>
<td>Tag date is not yet set</td>
</tr>
</tbody>
</table>
A Public Service Announcement

For those who may be interested in reading LDF files using Gleam. At this time, that cannot be done using GlastRelease out of the box – since Gleam does not use LdfConverter – the Gaudi package that handles LDF.
GRINF-26 Shift in the Event Time
See: http://jira.slac.stanford.edu/browse/GRINF-26?page=history
Toby has implemented a fix – EM is holding off due to large number of packages involved.
LDF-24 non-reproducible crash running ldf2digi on 6 tower data
ROOT-15 EventId printed in log messages rolls over when it shouldn’t
CAL Update

- See CAL Report
- CalXtalResponse was updated to output a new CAL ntuple – this is not yet included in EM.
- New tag of calibGenCAL v3r6p12 is available but not in EM until testing is complete
  - muonCalib now auto senses asymmetry limits & removes outliers. No need to specify min/max vals in cfg file which means....
  - muonCalib no longer needs a separate badCalibGen cfg file
  - ciFit still needs separate cfg file, but at least there's a little less chance for human error.
  - muonCalib now _theoretically_ supports 4-range autoranging muon data (before it was LEX8 1st only).
- 4 & 6 tower calibration files in the database are being updated to fix the high-energy range problem. It has been determined that hybrid calibration files that handle both SLAC & NRL data will not work. The fix is to handle only SLAC data for now. The problem revolves around the DAC scale and the difference between NRL and SLAC versions. The ultimate solution will be in place when either SLAC uses the corrected DAC scale or the calibration files store the scale per channel. Maybe in 8 tower testing.
TKR Update

- See TKR Report.
- New TkrRecon tag v10r5p8em2 includes alignment tool: TkrAlignHitsTool
  - Holding off including in EM HEAD until I&T blesses it.
Calibration – How is Joanne?

- The Question is Moot!
Rats and Granulated Fox Urine

I have discovered the woes of living in a desert climate and attempting to have a bird feeder.

On the east coast..squirrels were my worst concern

In San Diego, I have frolicking rats

The solution? Besides getting rid of my bird feeders?