From Our Friends in I&T

- Dry-Run Release is complete
  - [http://www-glast.slac.stanford.edu/software/meetings/sas-svac-DryRun20041209.htm](http://www-glast.slac.stanford.edu/software/meetings/sas-svac-DryRun20041209.htm)
Engineering Model

- Latest EM tag: v3r0407p1
  - Based on GR v4r7
  - System Tests completed
- Request to I&T that all help requests go through a formal channel such as JIRA.
New LDF v05-01-03 now available
LdfValidator from ISOC is on hold pending discussions with Richard.
Effort will now focus on validation of mapping from physical to geometrical space.
<table>
<thead>
<tr>
<th>What</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Error bits</td>
<td>By Friday</td>
</tr>
<tr>
<td>LDF v05-03-00 upgrade</td>
<td>In progress</td>
</tr>
<tr>
<td>ROOT4 upgrade</td>
<td>In progress</td>
</tr>
<tr>
<td>Update IdfReader with more error checking</td>
<td>Soon</td>
</tr>
<tr>
<td>New TKR Recon</td>
<td>Tracy is working on updating the ROOT side</td>
</tr>
<tr>
<td>UDF handling</td>
<td>On hold until agreement is reached.</td>
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</tbody>
</table>
CAL Update

See CAL report

Status as of last Friday:
TKR Update

- See TKR Report
- Leon has finished the mods to handle Tkr muon calibration using the recon root files. All affected packages are tagged and will be added to the HEAD of EM.
Last week the initial version of calibration TDS classes for ToT which at least compiled, but were otherwise untested.

Then Hiro sent some information about other related calibration types (charge scales and threshold).

Johann, Hiro and Joanne agreed on a dtd to be used with xml files for all of them (which they were planning to start writing imminently)

This exercise showed Joanne that the ToT calibration TDS classes could be improved. This was done as of Tuesday morning

Now almost done with the next step -- writing converter classes to go in CalibSvc.
Pipeline

- Waiting Problem from yesterday: *Runs that get created or rolled back are going into waiting state and not running.* *online and updateELogDB tasks, at least, have runs in this state.*
- Fixed late Wednesday evening. – we tracked that down to two things:
  - The log file had filled up glast04’s /pipeline/ partition. We moved the log to u12, so that should not be an issue for quite some time
  - 3 runs in Dan’s demo pipeline having duplicate records. We surmised that the only way this could happen is if the scheduler (run in cron) might start up again while its predecessor is still running. We put in protection against that happening.
- Then the online pipes started to flow. We noticed that 42 updateELogDB-EM2-v1r0 runs were in wait state. After a few hours of trying to figure out why (and discovering that the cron job entry had been modified, losing standard out), we finally realized the soft links to several of the input files (eg test_schema.xml) for these runs pointed to non-existent files. The soft links remained, but the files in back were gone. We surmise that the online folks erased them before Warren’s pipes got to them.
- We’ve noticed two runs that are giving Oracle errors. We’ll have to see what’s up there, but they seem to be isolated incidents.
- Bottom line is that the pipeline is running, and Dan will get back online Friday from close to the arctic circle.
The mighty “back” button

- Request is on the hopper.
- Branch of HepRepSvc is now available – RootIo needs to be updated to provide information on what the index of the previous event is. Updated RootIo will be a branch off of v13r1.