Most likely we will have tower A assembled (CAL+TKR) in I&T at the end of this month. If I were to bet, I would say we will do tower swapping at some point. The baseline was that tower A and B were going into bay 8 and 9 and now seems 0 and 4 to be the "preferred" location (no longer at the center of LAT).
Engineering Model

- Latest EM tag: v3r0407p1
  - Based on GR v4r7
  - System Tests completed
- Still some outstanding issues to address.
EM and LDF

- New LDF v05-01-03 included at head
- Stores summary error bits and packet error bits in event flag in Digi ROOT files
- 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>DONE – on HEAD</td>
</tr>
<tr>
<td>LDF v05-03-00 upgrade</td>
<td>DONE – on HEAD</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 done updating ROOT side</td>
</tr>
<tr>
<td>UDF handling</td>
<td>On hold until agreement is reached.</td>
</tr>
</tbody>
</table>
CAL Update

- See CAL report
- New calibGenCAL
  - David Smith is looking it over and is available for debugging if necessary.
  - SVAC (Xin) requests documentation (Mark?)
TKR Update

- See TKR Report
- New TKR upgrade is available when should it be included in EM?
Calibration - Joanne

The standard calibration infrastructure stuff for ToT ROOT classes in calibRootData, TDS classes in CalibData, conversion classes in CalibSvc) is all tagged and tested with a fake ROOT ToT calibration file.

However before it is useful the extra promised piece -- standalone program to translate ToT calibration xml file to ROOT -- has to be written.
Pipeline

- Immediate TO DO List
  - Archiving (currently not all files transferred to nfs are backed up)
  - Change CRON frequency to 30 seconds
  - Jobs that were reported to have finished successfully but did not produce output files (seems to be the online piece of the pipeline)
The mighty “back” button

- Request is on the hopper.