Online SW & Calibration News

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20 February 2012

- Move to tdaq-04-00-01
  - LAr Calibration Issues
- Calibrations Taken
- Offline Updates

Online Software

- **L1Calo online SW & OKS DB updated to tdaq-04-00-01**
  - Includes changes for:
    - Missing Et significance (after many simulation patches)
    - Eta-dependent thresholds (test for JEM, but not CPM yet?)
    - Dynamic recovery of whole TTC partitions (RESYNC)
  - Standalone runs and calibrations OK
  - Included in ATLAS partition on Friday
    - After remembering we also needed to link our BUSY with the CTP
  - Test rig still on tdaq-03-00-01 for now
- **New problem with L1Calo+LAr calibration**
  - LAr have changed their LTP configuration
    - No longer compatible with the TTC2LAN SW
    - This means no events get built in the combined partition
  - Fatih has provided a (2nd) patch: to be tested...

Calibrations Taken

- DAC and pedestal runs to test new SW
  - Still one channel (0x05160900) failing the pedestal run
- JEM timing scans to test minor changes in jemTests
  - Fix to histogram titles and change to results folder path
  - Works OK (after a little patch)
  - Still to be understood: bands on input scan histos...

Offline Updates

- Tile analysis job options changed
- Tile updated Cs constants for LBA22
  - Last calibration reanalysed using pointer to sqlite DB
  - Gains now look sensible for this drawer
  - Still need full calibration (and full update of Cs constants?)
- Results from Yuriy discussed last week
  - Decided to use his new results, but not yet Tile or EM overlap
  - We will update DB with product of present * new factors
- New timings from Valerie will also be applied
  - After usual detailed discussion of odd cases

Monday, 20 February 2012