SeaQuest AEM

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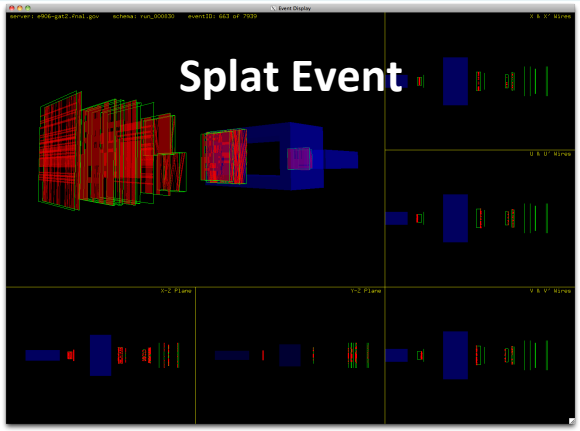
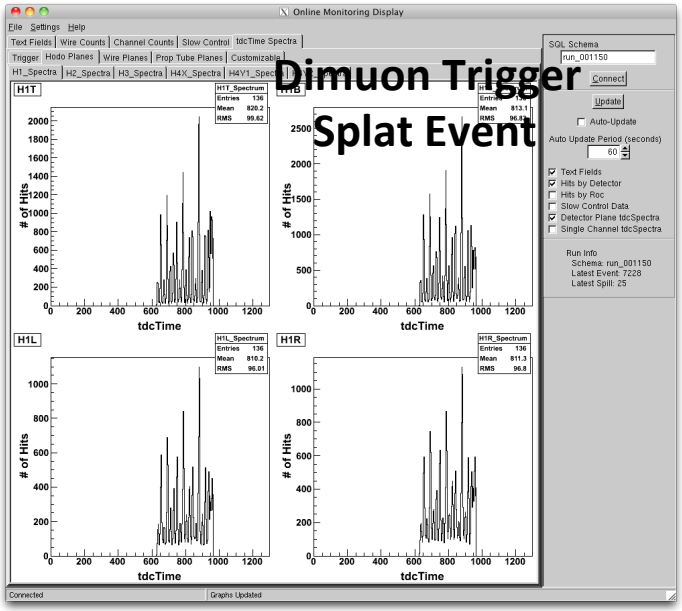


Commissioning Progress:

- Tracking Chamber efficiencies vs. voltage curves
  - most chambers better than 95% efficient
  - Chasing few dead channels—probably electronics related
- Trigger Hodoscopes
  - Mostly working and in time—repair of single channel this afternoon
- FPGA Trigger Matrix understood (almost)
  - Bad Philips CAMAC discriminator replace—thanks to AD for having Rad Tech available for frequent access to chase problem
- LH_2 and LD_2 targets filled
  - Access to replace valve-control air compressor this afternoon



Remaining Issues

- Offline analysis catching up with hardware changes and understanding background
- **Need cooling capacity in NS2 in order to run both FMag and KMag at Production Current**
- Understand source of "Splat" events
  - Most Hodoscope hits from out-of-time buckets

Bottom line—SeaQuest has switched to our data production trigger