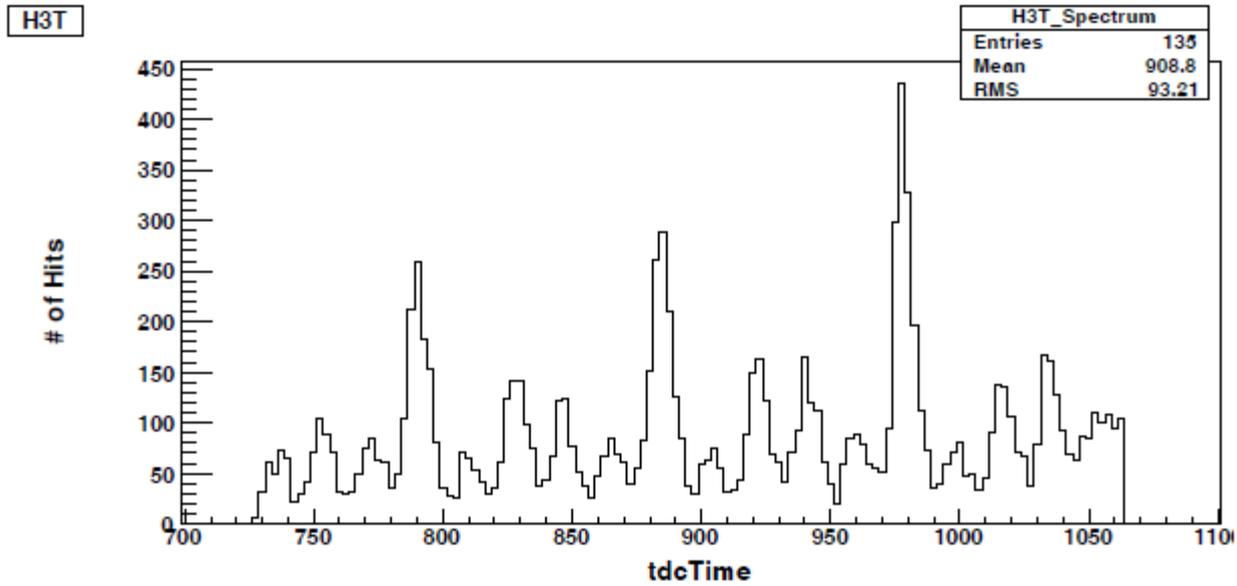


SeaQuest status – 4/9/12

- All spectrometer elements are working & ready to take physics quality data.
- Analysis magnets are running at nominal current – cooling is a worry.
 - Shift crew is monitoring water temp; gets to ~40 degrees C when temp outside is ~65... will reduce analysis magnet current if water temp gets to 45 degrees.
- Have been working on our trigger
 - “Dimuon” trigger so far has yielded mostly “splat.”
 - Characterized by high occupancy rf buckets close in time to triggering bucket.
 - This got dramatically better this morning – evidently because the number of Booster turns was increased from 1 to 2 & then 3.
 - Need to prove that better looking time structure means much less splat... then start data taking in earnest!

Beam structure

Yesterday



Today

