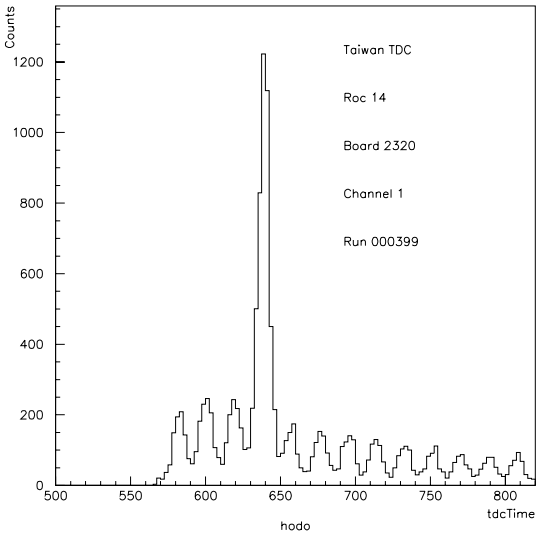
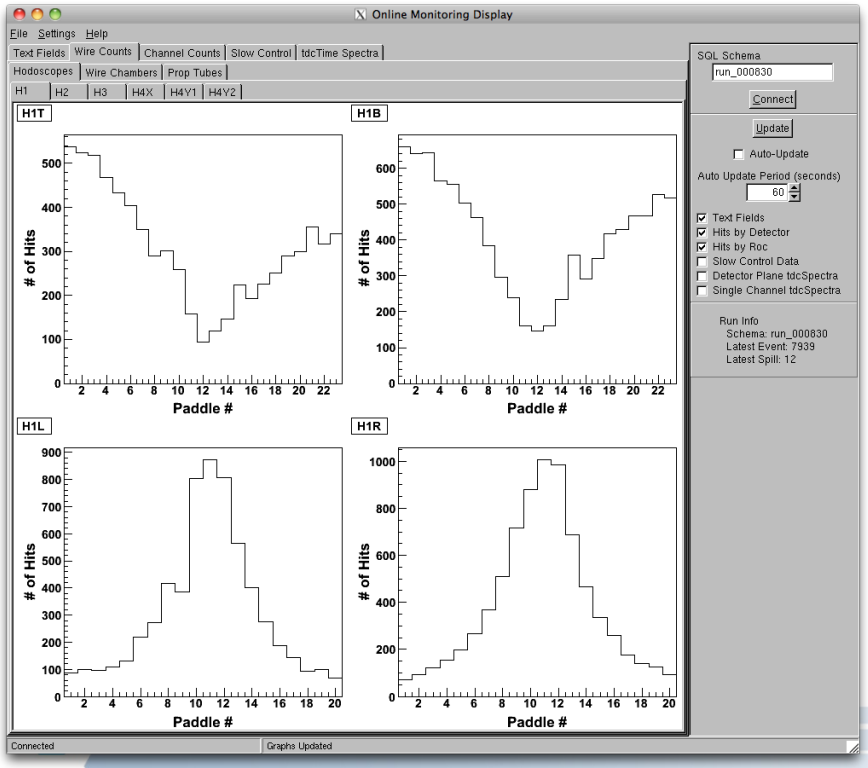
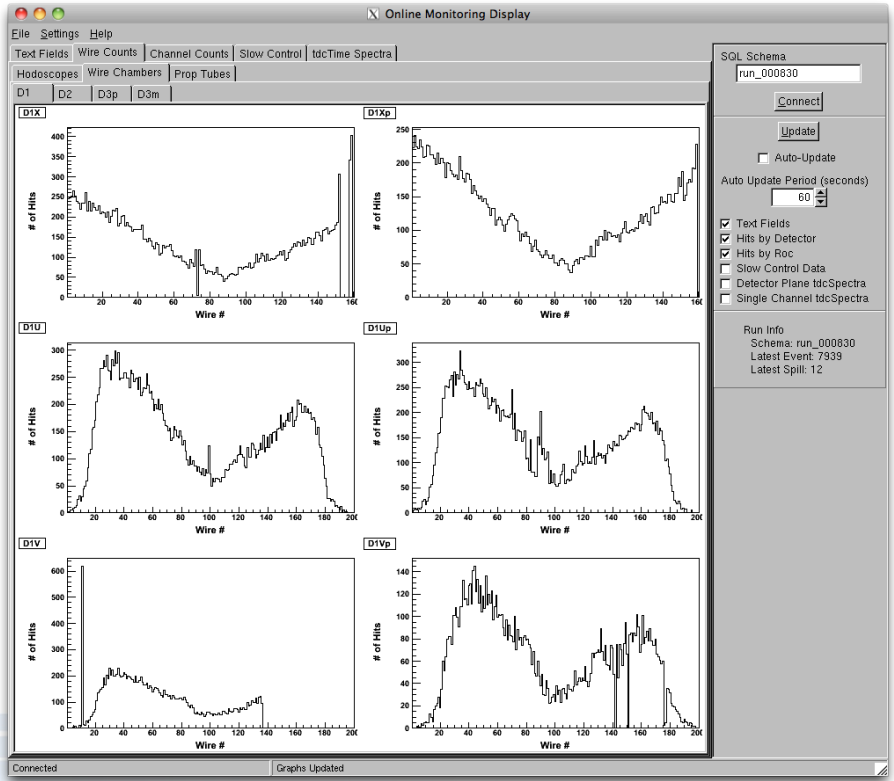
SeaQuest AEM

Commissioning Progress:

- Hodoscope and Trigger timing completed
- FPGA Trigger Matrix understood (almost)
- LH_2 and LD_2 targets filled (pressure sensor problem fixed)
- Tracking chambers working (chasing individual channels, 1/3 of a plane in St. 1 is dead. Will likely run with it this way until May.







SeaQuest AEM

Experiment has been using a combination of “opportunistic” and “invasive” accesses to commission detector

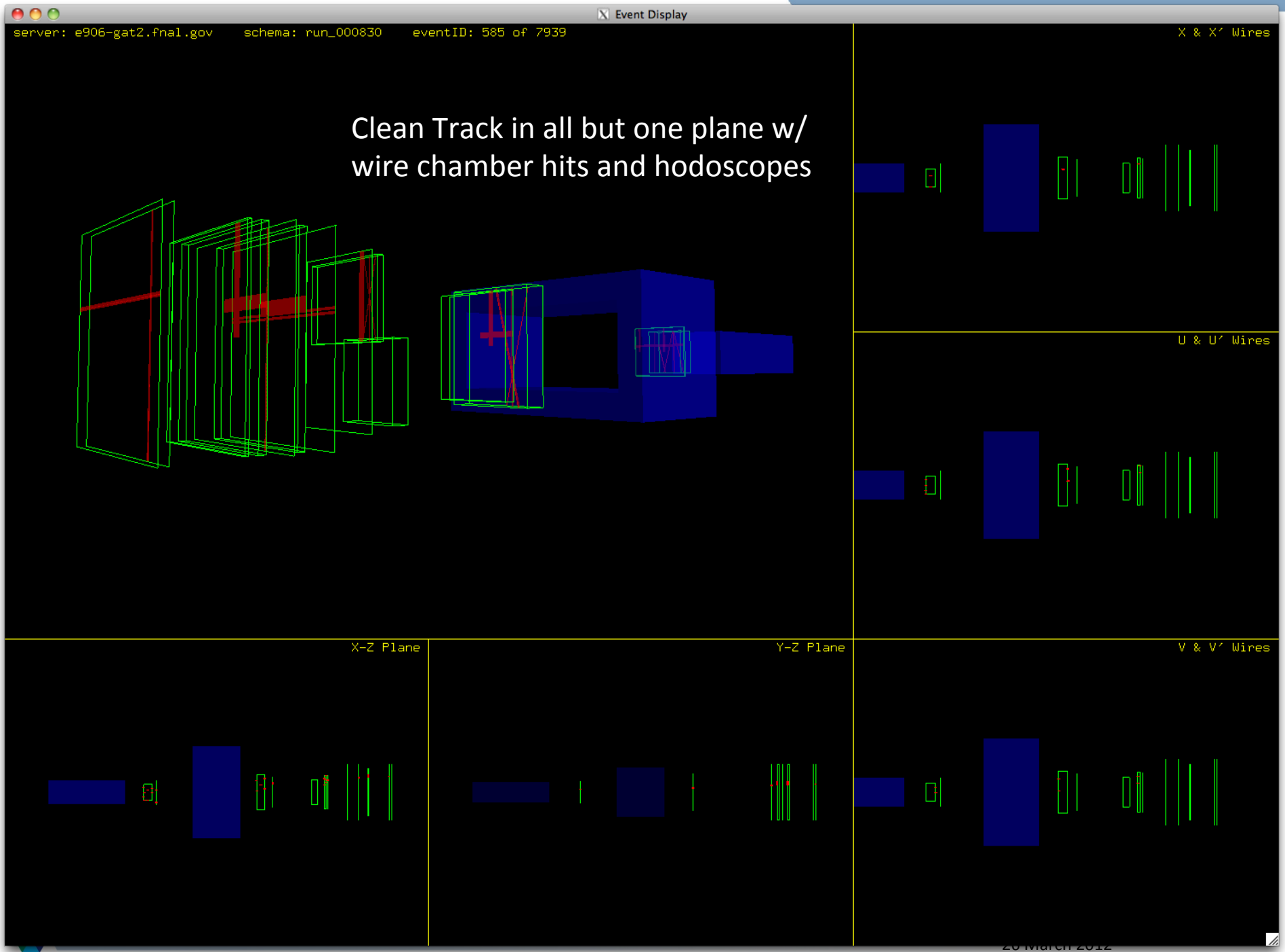
- We expect this to continue for at least this week
- Great cooperation and coordination from AD

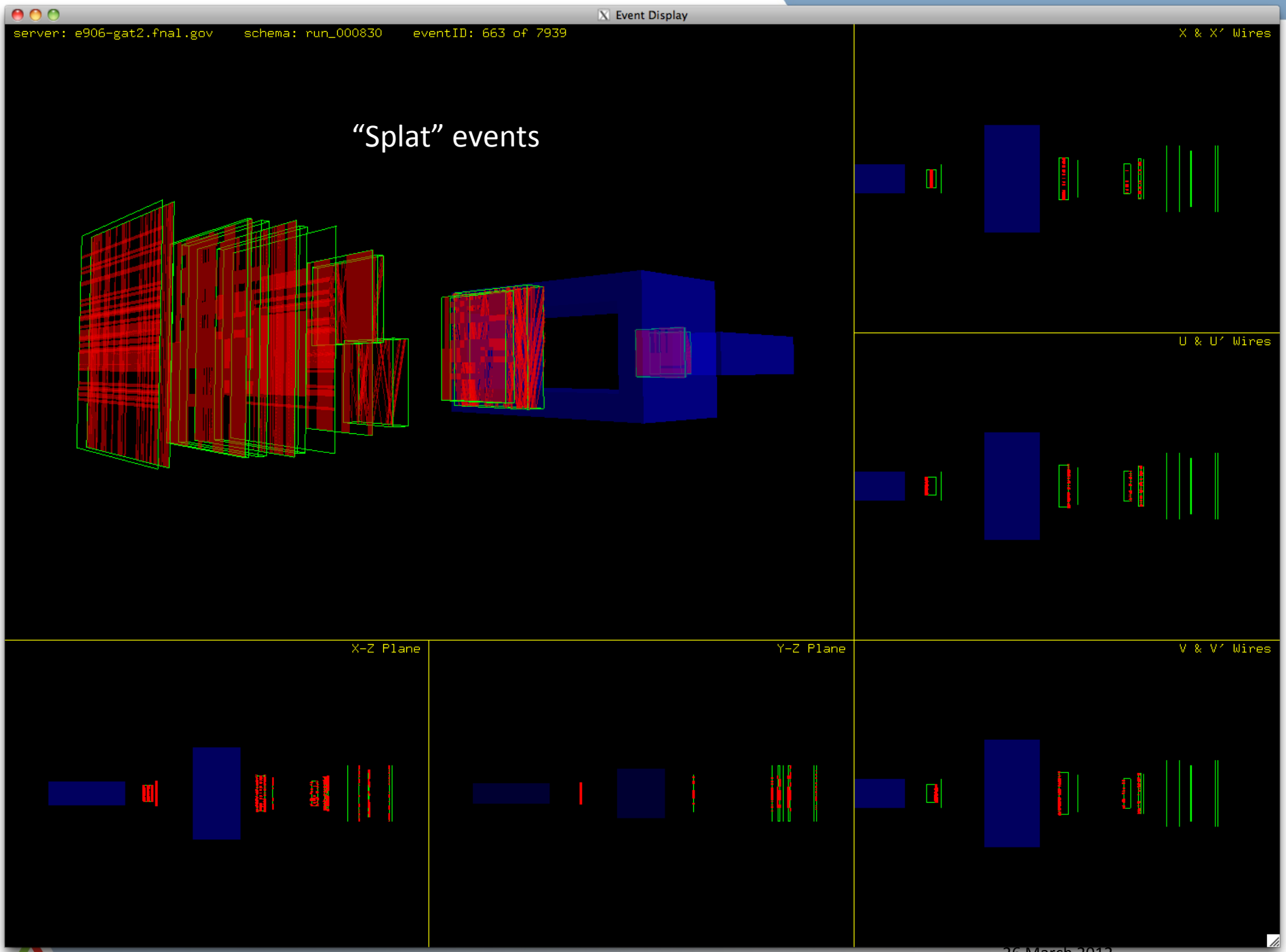
Fixed Issues

- Network issues (bad fiber to rest of world)

Remaining Issues (Known problem)

- Check matrix trigger with “known” J/ψ roads
- Need cooling capacity to run both FMag and KMag at full current
- Understand source of “Splat” events


Event Display
server: e906-gat2.fnal.gov
schema: run_000830
eventID: 585 of 7939
Clean Track in all but one plane w/
wire chamber hits and hodoscopes
X & X' Wires
U & U' Wires
X-Z Plane
Y-Z Plane
V & V' Wires



"Splat" events