

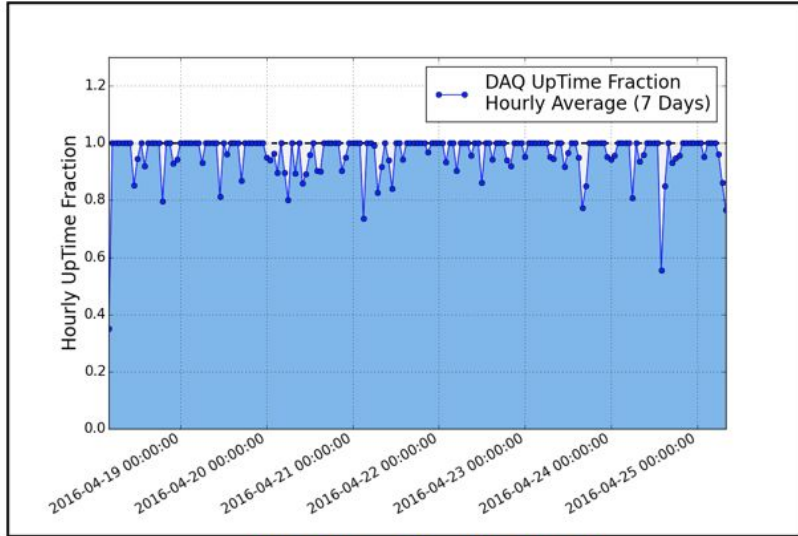
MicroBooNE Update

All Experimenters' Meeting - 4/25/2016

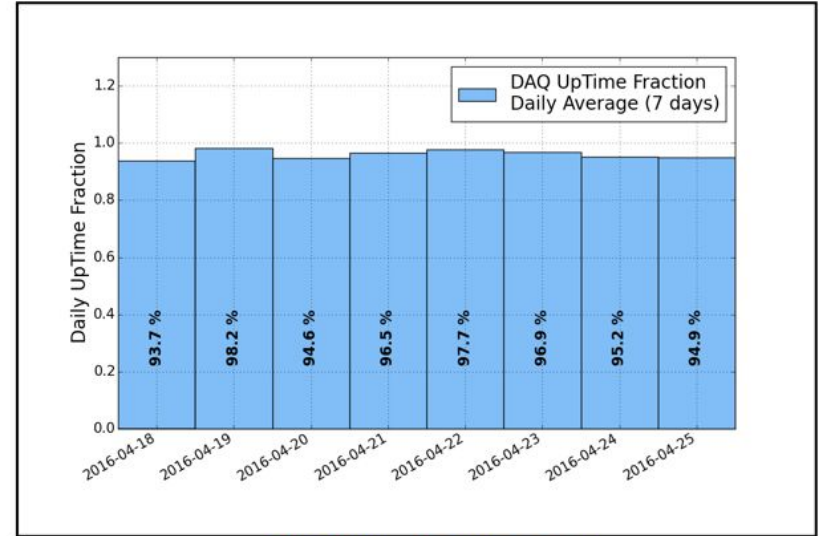
Matt Bass



DAQ Uptime



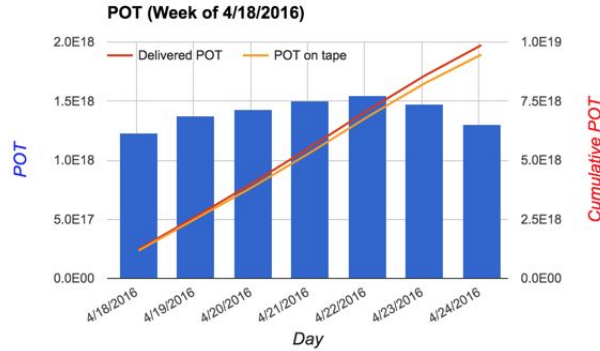
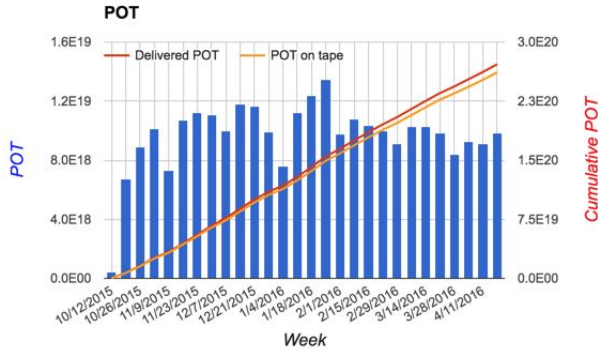
DAQ Uptime (Hourly, Past Week)



DAQ Uptime (Daily, Past Week)

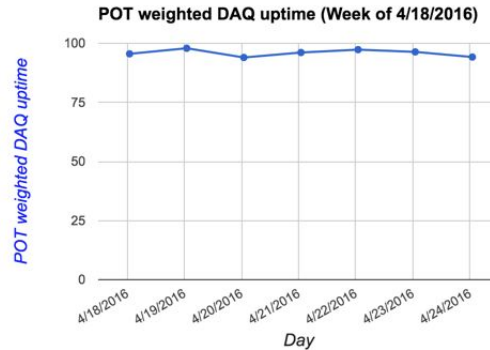
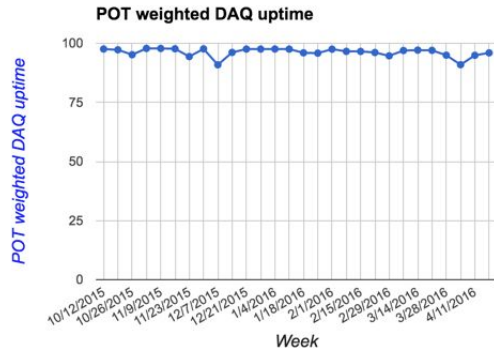
- Good DAQ uptime, ~96%, for the past week

POT Delivered & POT Recorded



Weekly POT delivered
0.99e19

Weekly POT recorded
0.95e19

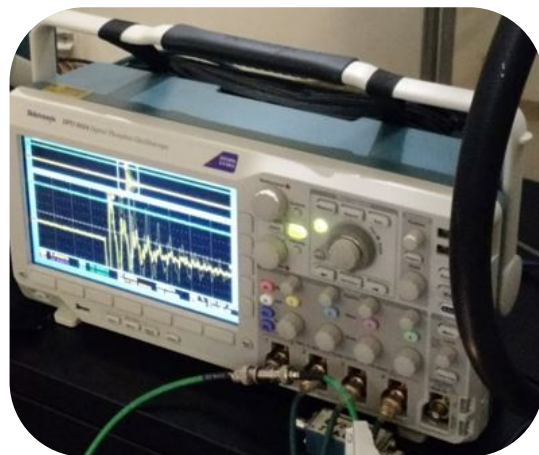
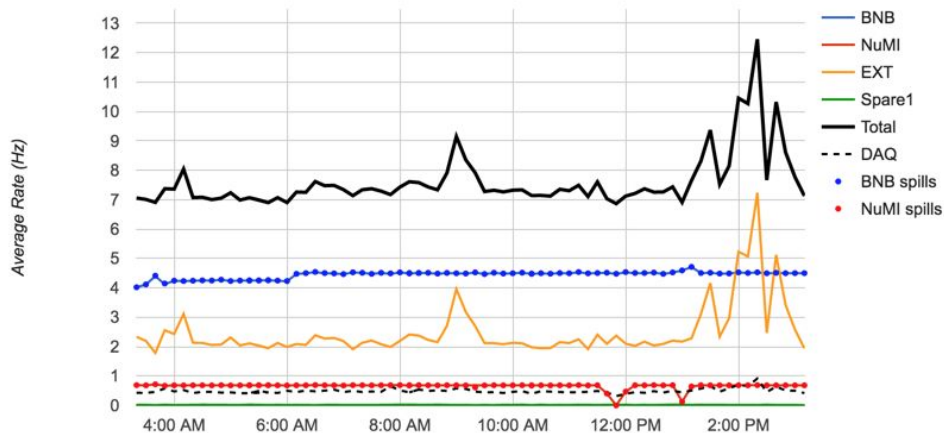


96% POT weighted uptime
for 4/18 - 4/24

External trigger activity

- On Thursday we noticed high **external trigger** rates
 - Above 3 Hz shouldn't be possible
- Our scope that generates a trigger based on a **toroid** on HV FT cable was constantly triggering
 - Scope/trigger disconnected for now
 - Not a concern for beam triggers (vetoed)
- Ext rate is **back to normal**
- Under investigation...

Triggers and beam spills 2016/4/21 3:20 - 2016/4/21 15:10



Other work last week...

- Cryo work on Wednesday & Thursday
 - Replaced failed **cryo pump**; now have spare online
 - Regenerated low mass **filter** skid; now ready to swap if needed
- On Saturday, our muon counter system (**MuCS**) stopped sending triggers
 - Coincident with the NuMI stoppage
 - LV supply manually reset
 - Triggers restored within a few hours