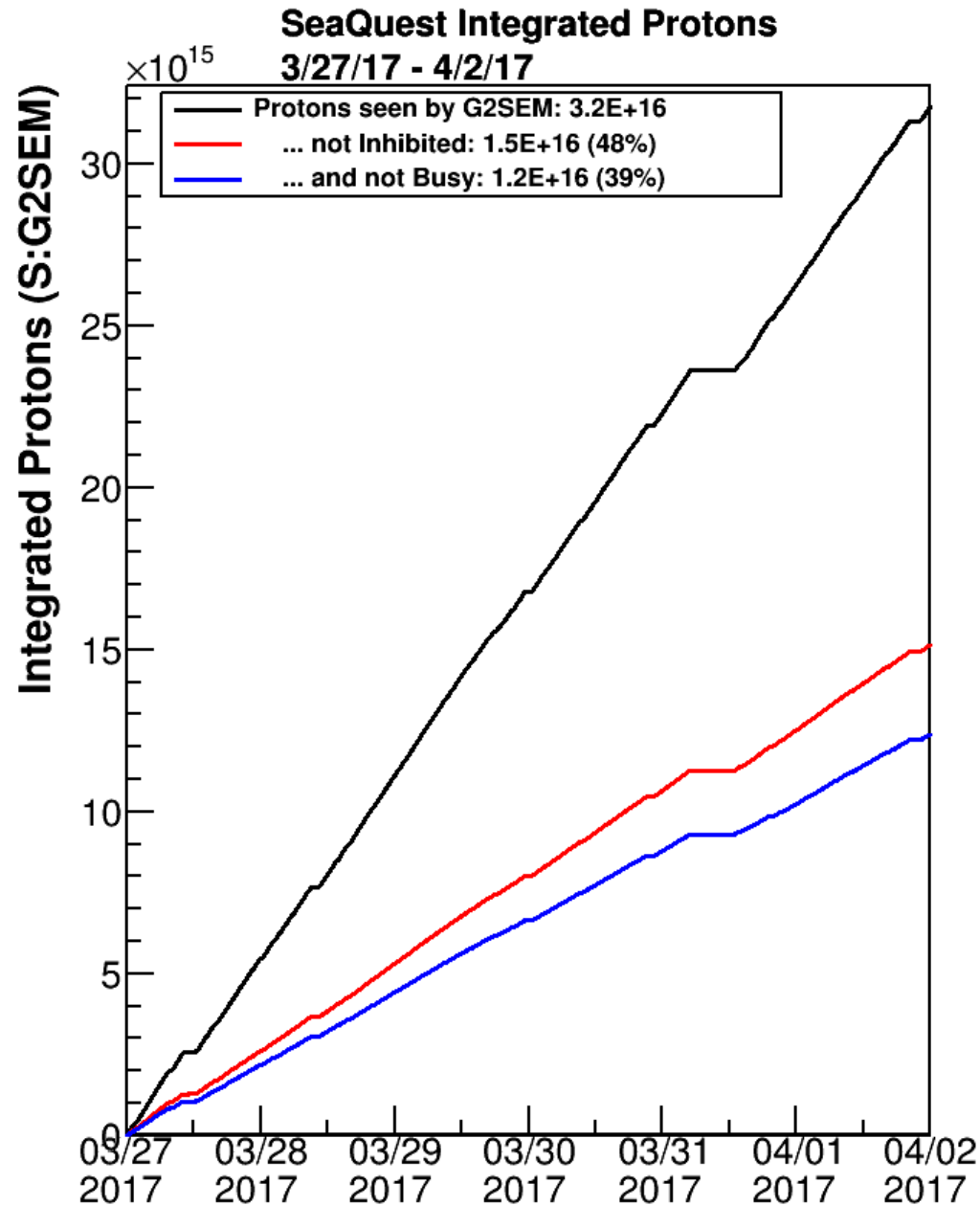


AEM report from SeaQuest

Andrew Chen
UIUC

For the Seaquest collaboration
Apr. 3, 2017

Accumulated protons for past week



Status of the experiment

- St. 1 chamber is approaching high efficiency state.
 - The currents in-spill and off-spill are as expected.
- Taking data with LH2, LD2 and Iron,
 - St. 1 included
- Occasional DAQ hiccup due to TDC.
 - Reboot, power cycle, replace TDC in question
 - For the TDC taken out, reflash FPGA and reload the ARM code could get it back to working state
- Preparing for data production, R007, to process data up to summer of 2016.
 - The code is ready and tested on GRID.

Computing summary

ANNIE CDF CDMS COUPP DES D0 DUNE ICARUS LArIAT MINERvA MINOS MicroBooNE Mu2e Muon g-2 NOvA SBND SeaQuest



SeaQuest Computing Summary



Average Jobs Running Concurrently

42

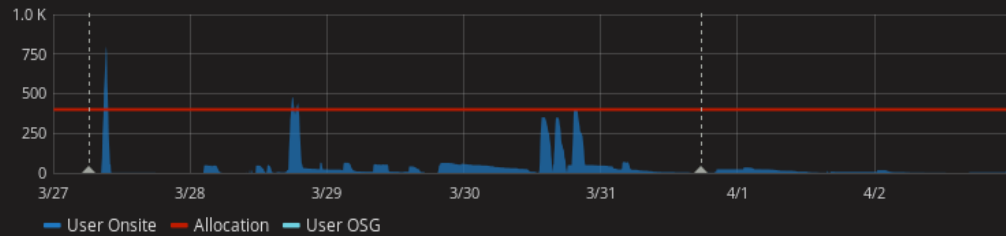
Total Jobs Run

4360

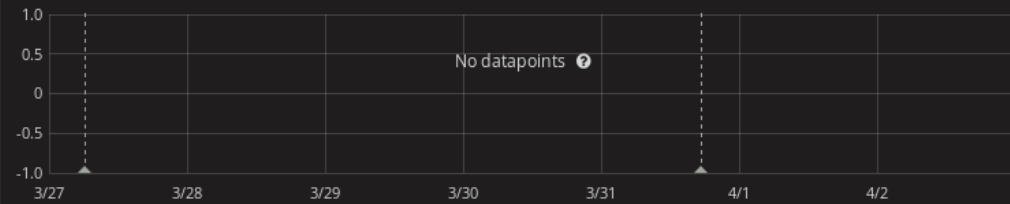
Average Time Spent Waiting in Queue (Production)

N/A

Running Batch Jobs



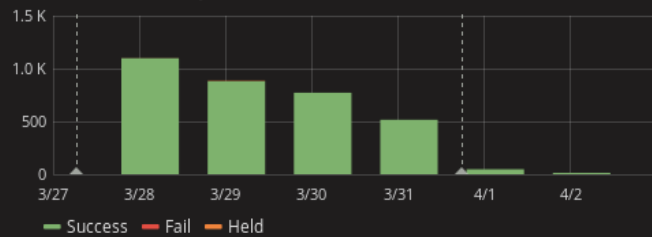
Queued Production Jobs by Wait Time



Job Success Rate

100%

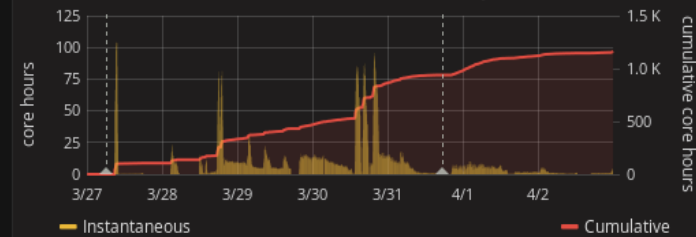
Job Success & Failures per Day



Overall CPU Efficiency

92%

Total Time Wasted by Running Jobs



New Data Cataloged

0 TB

Total Data Cataloged

0 PB