

SeaQuest Status

Oct 19-26, 2014

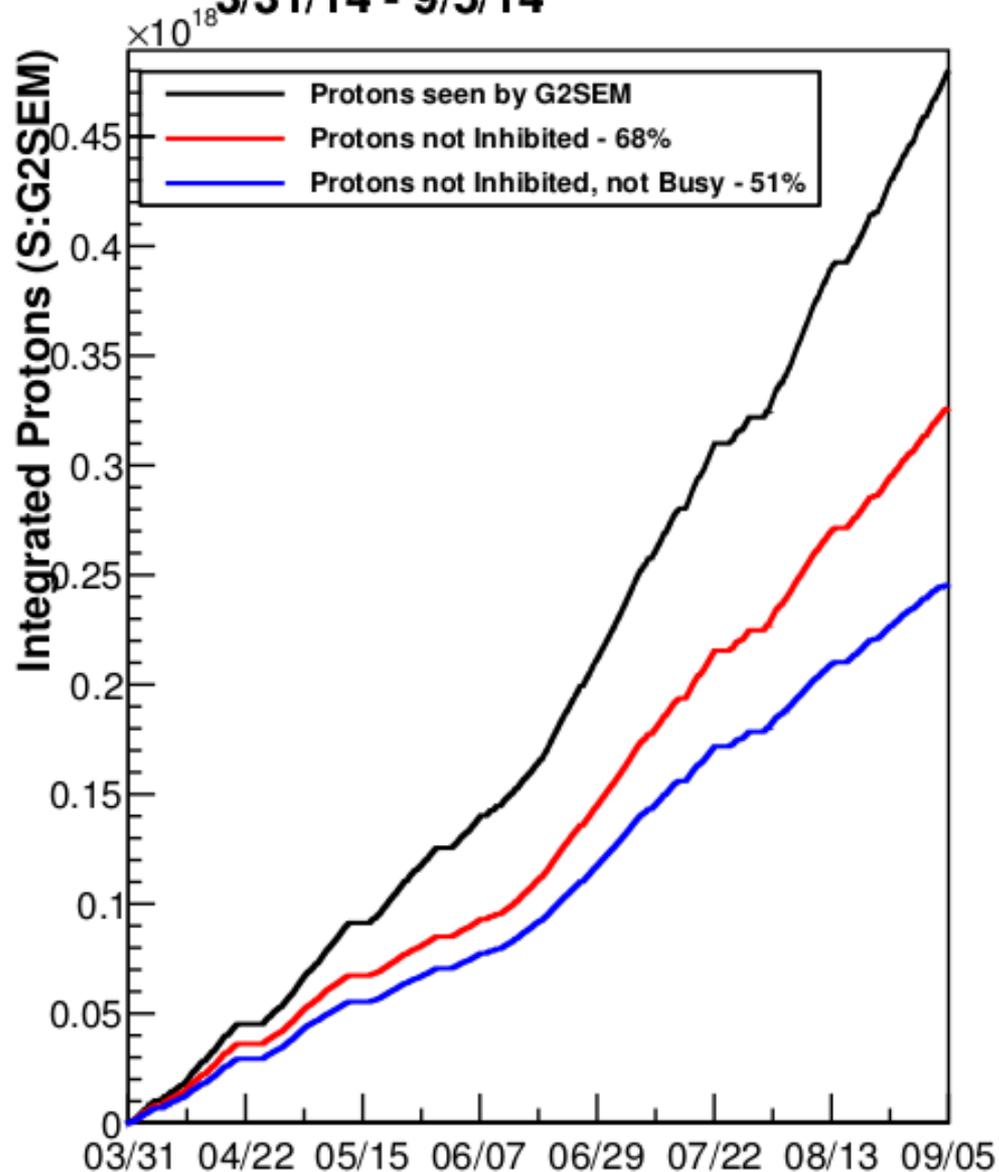
Brian Tice

Oct 27, 2014

Run II – up to shutdown

SeaQuest Integrated Protons

3/31/14 - 9/5/14



Target Maintenance

- Upgrades to VESDA near cryotargets completed
- 4 mechanical pumps in Lab A for service
 - Expected to be done this week
- Wiring and tests upgrades complete
 - Extended to go around new concrete shielding
 - Thanks to rad tech for facilitating enclosure work late Friday
- Plan to fill targets late this week

- Considering generator to keep targets cold during power outages

Station 1 Wire Chamber

- Started work on final plane of wire chamber – 9 wires to go
- Other planes have been repaired and tested for good tension
- Wire stringing will be completed this week
- HV boards being manufactured
- Next steps
 - Assemble gas box, test for leaks
 - Test HV distribution
 - Install in NM4



Other

- Wire chambers and proportional tubes HV turned on
 - Sitting at 10% below standard level
- Preparing to perform commissioning, timing calibration with cosmic trigger

- KMag and FMag to be turned on tomorrow morning
 - Test of refilled cooling system
- Full interlock tests to be done Wednesday
- G3SEM to be installed later this week