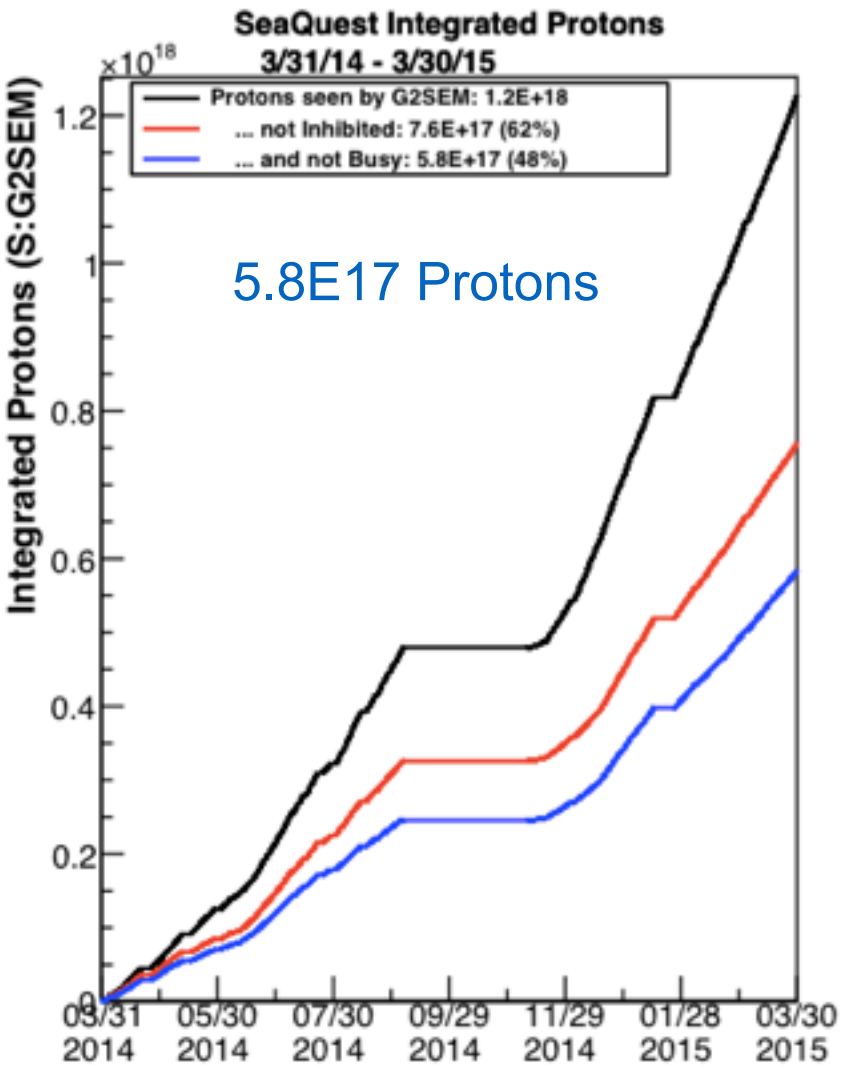
SeaQuest Status
Mar 23-29, 2015

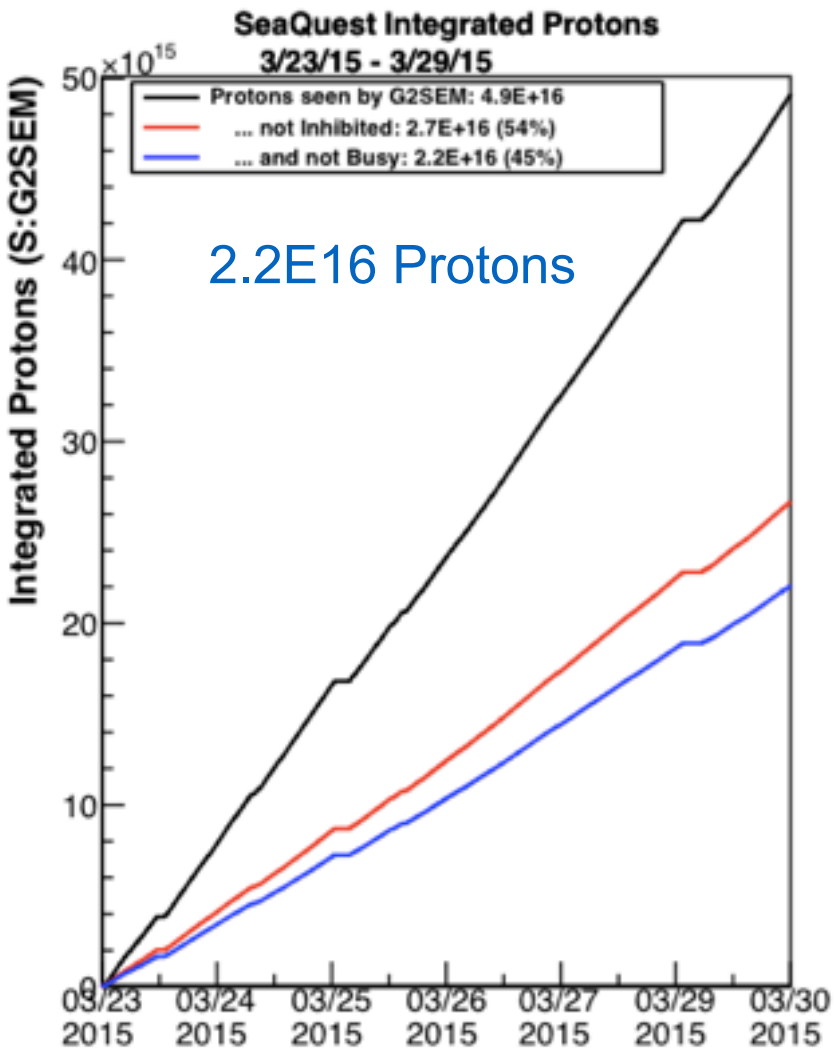
Brian Tice

Mar 30, 2015

Full Production Runs II+III

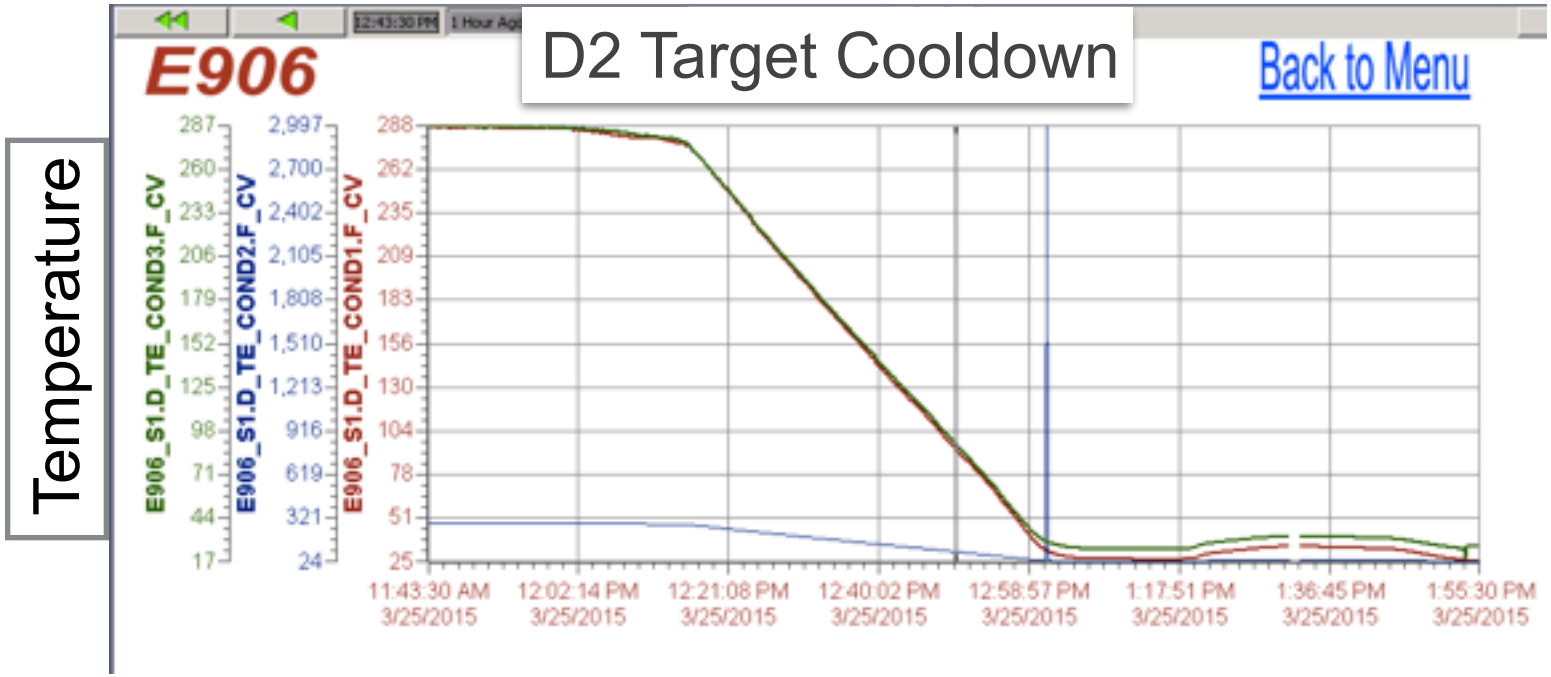


Previous Week



Deuterium Target Refilled

- As reported at last AEM, D2 target boiled off due to unstable pressure gauge
- The D2 target was refilled with no issues on Wednesday



Enhancing the Target Alarm

- Alarm volume controls made harder to touch
- Notes posted near volume controls instructing not to tamper
- Alarm broadcast to DAQ status webpage - provides visual alarm
- Text message notifications automatically sent to experts after 5 min of alarm

Target Status

Last Updated: 2015-03-30 10:55:43

Target Alarm Sounding?	No
Time Since Last Alarm	191.0 min

Other News

- Have returned to lower intensity G2SEM=6E12, TURN13=4
  - Higher intensity did not result in more usable protons. Working to understand this.
- Added ACNET variable F:SQINH (percent of protons in spill inhibited)
- One wire chamber tripped several times last week
  - Voltage lowered slightly. No trips since. Small efficiency loss is not meaningful.
- All subsystems currently performing well
  - Beam monitoring, targets, magnets, detectors, DAQ all good