

Hall B Magnets

- Torus and Solenoid monitored on a daily basis via EPICS and logbooks.
 - * Solenoid fast-dump on January 24, 2018 at full negative current (~ -2416 [A]).
 - SOE data shows fast dump was initiated by QD SUM1 interlock.
 - Analysis of fast DAQ data reveals spikes on voltage taps values.
 - No explanation available at this time for voltage taps' behavior at full negative current.
 - * Solenoid QD delay trip thresholds increased to 200 [ms] on 01/29/18.
 - * Cascading PID loop controls added to improve cryogenic recovery for the solenoid.
 - * Torus went into controlled ramp down on January 24, 2018 due to LHe low level (< 40%)
- Web page made to convert Solenoid/Torus PLC SOE tags to timestamps and sort them according to the time when the trip occurred.
 - * Link at: [//userweb.jlab.org/~beng/SOE.html](http://userweb.jlab.org/~beng/SOE.html)