

## SoLID Magnet Controls System Meeting Minutes

**Date: August 17, 2022**

**Time: 11:00 – 12:00**

*Attendees: Peter Bonneau, Aaron Brown, Brian Eng, Steven Lassiter, Tyler Lemon, Marc McMullen, and Whit Seay*

### 1. Instrumentation Debugging

*Steven Lassiter*

1. Power supply for vacuum gauge not at correct voltage when relay is off
  - 24 VDC supply: ~23 VDC when on and ~21 VDC when off
2. Initial PID values have been completed
  - One valve was constantly firing; techs noticed burning smell before any major damage occurred
3. Axial load cell connectors have arrived

### 2. Power Supply

*Brian Eng, Steven Lassiter*

1. Power supply for test should be available soon; need to see what (if any) communication cable has been fabricated and what (if any) PLC code is available to communicate with the supply
  - Fallback is to provide only readout of the current via analog signals

### 3. HMI

*Pablo Campero, Steven Lassiter*

1. Steven will note small corrections to be made to screens (units, placement issues, etc) once Pablo is back from vacation
2. Only major bugs/failures will be addressed during this time

### 4. Turret Repair Work

*Brian Eng, Mindy Leffel, Whit Seay*

1. Most of the cleanup has been completed; ready for additional cable and connector repairs
2. Lower D-Sub connectors have known broken or disconnected wires
  - Mindy will determine if turret needs to be repositioned in order for the work to proceed. Connectors are located at the bottom of the turret and may be more accessible if it is raised, but in doing so makes the top part more difficult to access.