James: Optocoupler3 Controls: plot output vs. input by Monday.
Chris: Need to talk to Wall still.

**PCB**
- PSOC
  - Optocouplers I/O -> 20 pins/ports -> 18 optocouplers
  - Power circuitry 15V/5V/3.3V -> Switching V regulators
  - Support circuitry
  - Programmable POT for ctrl1 or other ctrl circuitry for PSU
  - PSOC -> SEADAQ comm for status of cycling

2 x 5k POT -> 256 steps

\[
\text{Ratio} = \frac{9.75 \Omega}{5k \Omega} = \frac{9.75}{5000} = 0.00195 \text{ \Omega/V}
\]

\[
\text{Step size} = \frac{4.85 \text{mV}}{0.00195 \text{ \Omega/V}} = 2.48 \text{mV/step}
\]

- LCD display for Voltage/current specs
- ETA on batteries: No shipping date specified as of now

**AI**
- James: Test optocoupler for output Monday
  - Look for remote on/off on PSU Monday
  - Talk to Vito about comm between SEADAQ and PSOC Monday
- Chris: PSOC
  - Optocoupler LCD possibility
  - POT
  - Email David again and meet in Power Lab Monday

- Agendas:
  - Itemized list of parts
  - Test Diode for Vsr, Vt, 
  - Test current Probe

LBI