

## WEEKLY STATUS REPORT

**DATE: 3/20/16 – 3/26/16**

What I did this week:

- Soldered all components together for current sensor application. Aram would like to use 19V laptop power supply instead of adjustable power supply.
- Tested old current sensor. Observed current spikes from various current settings.
- Tested old current sensor to see if increased wire feed would affect results. First tests were done using wire speed of about 4 in/sec. Following tests were with about 3 in/sec and 6 in/sec. We tested these speeds on current settings B, C, and D.
- Completed weekly status report and progress report.

Any issues I encountered:

- During first tests, appears that current doesn't change but frequency of current spikes increases. Voltage doesn't change significantly when current level increases.

What I will be working on next:

- Preliminary testing of temperature sensor.

Notes: None