

## Meeting Minutes with Jeff Peebles

March 31<sup>st</sup>, 2018

### Executive Summary

The team's meeting with Jeff Peebles consisted of explaining work to be done before the end of the semester. This includes buying accelerometers for testing, creating a GUI to operate the device, and finalizing the UGRADS presentation and operation manual. It is also important for the team to gather information about specific OSHA requirements.

- Danny informed Jeff of due dates for assignments for the rest of the capstone project
  - Operation Manual
  - Poster
- Use keybase.com to lookup dielectric test fixtures for OSHA requirements
  - Search in the search window:
    - 16453a
    - 16451
- Prototype should be done by April 15<sup>th</sup>
- Accelerometer Testing
  - Zach was given permission to buy two different accelerometers
- Go to Fry's electronics to buy connectors for UGRADS
- Automationdirect.com
  - Get encoders from automationdirect.com
- Code
  - GUI
    - Create home button, min limit, max limit, max limit for storing, emergency stop button
    - Write code in MATLAB to make GUI
    - Remind user to remove mast and bar before storing the antennae arms
    - On power up, verify arms are at home position
- Vibrations should cease within a few minutes
- Need a motor with worm and bevel gear to move mast
- Mast is 52 in. from table
- Find a way to get device onto field



