

# CAPSTONE: SEA SCANNERS

## MINUTES OF EIGHTH INSTRUCTOR MEETING

A virtual meeting of the Sea Scanners team along with project instructors/advisors Dr. Herbert Hess and Dr. Feng Li was held on Friday, November 13, 2020 over the Zoom conference platform. Ethan Morris was the designated recorder.

The meeting began at 3:30 p.m. (PST).

Attendance was noted. All present members are listed below.

The team presented their finalized design review presentation and received feedback from Dr. Li and Dr. Hess

- Overall presentation went well
- The slides are numbered, which is good
- Add a GPS slide explaining the GPS messages being received
- Add a slide for product requirements
- The team needs to talk about the feedback system
- Maybe mention refresh rate of the motor process
- The power system looks good
- The budget is well developed
- The design validation looks good
  - Update the validation dates
- The team needs to make sure to talk about their project schedule
  - Be sure to add more technical deadlines rather than just the course's
  - Look into using a CPM chart to organize tasks better
- The team needs to talk about the thermal design
  - There may not be that much heat unless we need to keep power running to the motor at all times
  - Consider moisture in the system
- The team should try to develop the prototype such that it is a plug-n-play system

Dr. Li and Dr. Hess left the meeting at 4:18 p.m. (PST)

The team then called the client for a quick Q&A.

The meeting was virtually adjourned at 4:40 p.m. (PST).

Respectfully Submitted,

Ethan Morris

Member of the Sea Scanners Team

**Members Present:**

Sea Scanners Team

Dr. Herbert Hess

Dr. Feng Li