

CAPSTONE: SEA SCANNERS

MINUTES OF SECOND INSTRUCTOR MEETING

A virtual meeting of the Sea Scanners team along with project instructors/advisors Dr. Feng Li and Dr. Herbert Hess was held on Friday, September 25, 2020 over the Zoom conference platform. Ethan Morris was the designated recorder.

The meeting began at 4:30 p.m. (PST).

Attendance was noted. All present members are listed below.

Dr. Li addressed questions on the Product Requirement document

- Technical specifications are not necessary on the document but rather general parameters.
- Meeting with client is currently planned for next week.

There was a review of the revised budget draft conducted by Dr. Li.

- The antenna is no longer necessary for purchase.
- One person should be specified to make part orders.
- Continue development as the meeting with the client is conducted.
 - Budget should be more specified and solidified for the design review.

Questions on Snapshot were brought up

- Not too much detail is needed for first snapshot due to the lack of details on the project thus far. It's more to show that we've begun working and thinking on the project.

Dr. Li is a professor of semi-conductors and electronics.

There was communication between the team and Dr. Hess over the email of answered questions from the client (for the client meeting).

- Dr. Hess contacted the Base Commander about a tour of the facility; no response was given yet.
- Cade has the go ahead to reach out to the lead engineer about setting up a meeting for next week.
- Points were brought up about getting power to the antenna
 - 120V rectifier for Arduino
 - Motor may create noise that interferes with the Arduino

Lab Space discussion

- Tentative choice of GJ 102 for work area. Cleaning of the room will be required

ME workshop fee for fabrication

- If the team doesn't use the machine shop too heavily, they may waive the fees
 - Dr. Hess will check with Dr. Maughn on availability

Purchasing specifications

- Dr. Hess addressed how team members will go about purchasing parts for this project

The instructor meeting was virtually adjourned at 5:20 p.m. (PST).

Respectfully Submitted,

Steven Haener
Member of the Sea Scanners Team

Members Present:

Sea Scanners Team
Dr. Feng Li
Dr. Herbert Hess