

DQ2113 - Tidal Turbine

Week 51

1. Scott Jensen
 - a. Reviewing Design of new end cap for mounting MBARI power electronics

Week 50

1. Scott Jensen
 - a. Received the progress approval from UofW which means detailing of the design for the remaining design details.

Week 46

1. Scott Jensen
 - a. Closing in on a final design for the housing cap to mount the electronics
 - b. Had optocouplers changed on boards after an over voltage event

Week 42

1. Scott Jensen
 - a. Work toward solutions for physical mounting of hardware into housing

Week 39

1. Scott Jensen
 - a. Reviewed drawings of electronics mounting on new endcap
 - b. Rearrangement request for a flat flex circuit

Week 37

1. Scott Jensen
 - a. Meetings about next steps

Week 35

1. Scott Jensen
 - a. Pushing ideas around solidworks for power electronic integration

Week 33

1. Scott Jensen
 - a. Submitted first draft of trip report to APL

Week 32

1. Scott Jensen
 - a. Report writing

Week 31

1. Scott Jensen
 - a. Work toward report completion

Week 29

1. Scott Jensen
 - a. Some effort on the trip report

Week 24

1. Scott Jensen
 - a. Visited UofW APL with power buoy electronics to perform a demonstration test of MBARI electronics operating APL's tidal turbine. Trip was successful and report is being worked on.

Week 22

1. Scott Jensen
 - a. Packing for trip to UofW/APL

Week 21

1. Scott Jensen
 - a. Preparing for shipping equipment

Week 19

1. Scott Jensen
 - a. Pulling together system to be tested at APL. Some of which is working out who has what equipment and how will they connect.

Week 16

1. Scott Jensen
 - a. Preparing hardware for testing at APL

Week 13

1. Scott Jensen
 - a. Emails about upcoming work

Week 9

1. Scott Jensen
 - a. Encoder identification

Week 4

1. Scott Jensen
 - a. Met with collaborators and decided the current encoder is not workable. Solutions are being searched. Starting build of hardware.

Week 2

1. Scott Jensen

- a. Meetings and discussions about how to handle the encoder