

901700 - Acoustical Ocean Ecology

Week 51

1. Paul McGill
 - a. Working with Brett on noise-reduction strategies for Simrad sonar

Week 50

1. Paul McGill
 - a. Fixed problems with AOS PIC24 sensor PCB. Will submit for fab in Jan.

Week 46

1. Paul McGill
 - a. Met with Kelly and Chad about ground faults on MARS Echosounder and how to move forward

Week 45

1. Paul McGill
 - a. Worked on PCB design for new AOS sensor but board house is rejecting my submission

Week 44

1. Paul McGill
 - a. Achieved partial success in storing AOS PIC24 constants to EEPROM, needs more work

Week 43

1. Paul McGill
 - a. Tweaking details on AOS PIC24 upgrade

Week 41

1. Paul McGill
 - a. Finished PCB design for new BMA456 sensor for AOS PIC24

Week 40

1. Paul McGill
 - a. Now that attitude sensor is working, trying to figure out how to store offset values in EEPROM or flash

Week 39

1. Paul McGill
 - a. Working on PCB for new AOS PIC24 sensor

Week 38

1. Paul McGill
 - a. Spent 3 days troubleshooting code for new Bosch attitude sensor for Simrad transducer position, and finally got it to work

Week 34

1. Paul McGill
 - a. Still working on AOS PIC24 code. Was successful in talking to BMA456 sensor with a Bus Pirate, but PIC code isn't working yet.

Week 32

1. Paul McGill
 - a. Helping Brett with Faraday shield for latest Simrad sonar payload build.

Week 20

1. Paul McGill
 - a. Helped Brett with building a Faraday shield for LRAUV Simrad sonar.

Week 19

1. Paul McGill
 - a. Worked on xducer attitude sensor code. Stuck on vexing problem.

Week 18

1. Paul McGill
 - a. Wrote code for new sonar transducer attitude sensor but am having trouble getting I2C comms working.

Week 13

1. Paul McGill
 - a. Reading reviewer's comments on Kelly's acoustics paper.

Week 6

1. Paul McGill
 - a. Built up a Simrad Sonar Faraday cage for Brett to see if can fit it in LRAUV.