

901713 - Nearshore FOCE

Week 51

1. Chad Kecz
 - a. Working with Jim M on various housing builds
2. Thom Maughan
 - a. Delivered an MpHOx and and MCAP (no serial number) to Jim Montgomery for housing fitment.

Week 50

1. Chad Kecz
 - a. Working with Jim M on various housing builds
2. Thom Maughan
 - a. Delivered an MpHOx and and MCAP (no serial number) to Jim Montgomery for housing fitment.

Week 49

1. Thom Maughan
 - a. I have cables and sensors here at my home office

Week 48

1. Thom Maughan
 - a. Borrowed a cable for configuring the conductivity sensor (thanks Chrissie).

Week 46

1. Chad Kecz
 - a. Gathering parts for the Durafet housings (to give to Mike P).
2. Thom Maughan
 - a. Borrowed a cable for the Aandara conductivity sensor config.

Week 45

1. Chad Kecz
 - a. Working with Jim M and James McC on the wiring of the chamber housings.
 - b. Making some pre-spending purchases
 - c. Power supplies returned from being repaired.
2. Thom Maughan
 - a. Planning to get started again on nsFOCE next week.

Week 43

1. Chad Kecz
 - a. Compiled gear for Chamber builds and typed up instructions for Jim M
 - b. Making some pre-spending purchases for 2021
 - c. Went to Hopkins Marine Station to assess dehumidifier installation and retrieved the second GF unit.
 - d. Went to Castroville warehouse to look for KFA cable and grabbed a few spare parts for BOSS.
 - e. Putting together an informational spec sheet/document of the KFA for users (internal & external)

Week 41

1. Thom Maughan
 - a. Attended meeting. Plan is to work on nsFOCE towards end of Oct.

Week 40

1. Chad Kecz
 - a. Assembly parts for next integration stage

Week 39

1. Chad Kecz
 - a. Helping Steve with some budget issues
 - b. Micronode & Distribution node built and tested. Awaiting chamber housings.

Week 38

1. Chad Kecz
 - a. Tether/micronode nearly done. Awaiting chamber housings for E. population

Week 36

1. Thom Maughan
 - a. Sent status.
 - b. MpHOx board checkout. Software mods for nsFOCE.

Week 34

1. Thom Maughan
 - a. Connectors have been received for building config cable for conductivity sensor.
 - b. Working on a config option to disable the filesystem.
 - c. Sent status to the nsFOCE team.

Week 33

1. Thom Maughan
 - a. Cable for Aanderaa conductivity sensor to PC for config of sensor is ready except for DB9.

Week 32

1. Thom Maughan
 - a. Conductivity sensor setup, trying to get the sensor wired.

Week 31

1. Thom Maughan
 - a. Attended meeting, gave status. 38 MpHOx boards from Indtec are ready for pickup.

Week 26

1. Thom Maughan
 - a. Sent email for the meeting giving status on MPHOX

Week 23

1. Thom Maughan
 - a. Retrieved MFET boards from Scott/Jose. Grabbed Dales board as well.

Week 19

1. Thom Maughan
 - a. Setup the board and sensor for development, some work to do on connectors.

Week 18

1. Thom Maughan
 - a. Picked up optode sensor from MBARI.

Week 16

1. Chad Kecz
 - a. Attended a weekly online meeting
2. Thom Maughan
 - a. Attended nsFOCE meeting

Week 12

1. Thom Maughan
 - a. Picked up my MFET/MCAP along with cables and the Aanderaa conductivity sensor.
 - b. Working on polled settings for Aanderaa Conductivity sensor.

Week 11

1. Chad Kecz
 - a. Putting together pieces in lab.

Week 10

1. Chad Kecz
 - a. Submitted a few more fab jobs (cables) for test setup
2. Thom Maughan
 - a. Added a delimiter to aid Labview message parsing. Scoped making a m2m protocol, but that's too much work for the near term. Dale is fine with what has been delivered
 - b. Getting Bridget setup with CCS and source code so she can get experience with MFET and Aanderaa optode and conductivity
 - c. Comp=2.

Week 9

1. Chad Kecz
 - a. Received the wired up (new) micro node. Will install in lab test fixture..
 - b. Having Jose order 20 MpHOx boards and 20 MCAP boards for Durafet housings
 - c. Reconfigured wiring to accommodate the MpHOx boards
 - d. Updated cabling diagrams
2. Thom Maughan
 - a. Added a delimiter to aid Labview message parsing. Scoped making a m2m protocol, but that's too much work for the near term. Dale is fine with what has been delivered

- b. Getting Bridget setup with CCS and source code so she can get experience with MFET and Aanderaa sensors.
- c. Comp=2.

Week 8

- 1. Chad Keczy
 - a. Wiring up the test bed in the lab. Working with Yui/Scott/Jose on the implementation of the MpHOx boards.
- 2. Thom Maughan
 - a. Working on Aanderaa sensor provided by Joseph, Working with techs on wiring. Comp=2.

Week 7

- 1. Thom Maughan
 - a. Updated the protocol and simulated data format per Dales feedback. Work in progress.
 - b. Sensors should be in end of Feb.

Week 6

- 1. Thom Maughan
 - a. I was added to the nsFOCE project (6 days) 29 Jan 2020 to add conductivity sensor support and to assist the FOCE team with MFET use. Working this project on off-Fridays in exchange for comp time.
 - b. Added protocol to support MFET Labview GUI development with Optode and Conductivity simulated. Delivered to Dale, a couple things found and fixed.
 - c. Scoped M2M protocol and data format to ease future integration - this will be put on the enhancement request for future. Plan for delivery is similar to what is done for the Glider integration.

Week 5

- 1. Chad Keczy
 - a. I'm setting up the nsFOCE experiment in the Barry lab as a pre-deployment test bed.