

902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS

Week 40

1. Jon Erickson
 - a. Working on a thermister array design for vertical measurements.

Week 31

1. Jon Erickson
 - a. The heater experiment is running in the sea water lab. First results kinda match the thermal analysis.

Week 23

1. Chad Kecz
 - a. Working with Jim M and Paul C on the wiring/mech of IP66 box.

Week 16

1. Jon Erickson
 - a. Just meetings.

Week 15

1. Jon Erickson
 - a. Finished a thermal model, just meetings now.
2. Chad Kecz
 - a. I think I have a working Labview VI to control the temperature of the system!
 - b. Adding in some solid state relays to system; will begin mounting pieces into IP68 housing soon.

Week 10

1. Chad Kecz
 - a. Continuing to make progress on the Labview code.

Week 9

1. Jon Erickson
 - a. Finished a thermal model of the test setup. Need to get some parts fab'd before we start digging up mud.

Week 8

1. Jon Erickson
 - a. Got a thermal model of the proposed layout to work. Will show it at the meeting.
2. Chad Kecz
 - a. Making progress on LabView code for controlling seawater lab exper.

Week 6

1. Jon Erickson
 - a. Think I've found data to relate porosity and depth to thermal conductivity in marine sediments. Maybe i can actually create a thermal model for Chad's test setup.

Week 4

1. Jon Erickson
 - a. Zoom meeting. I'm going to have to go in next week and figure out how to do a thermal model of sediment. Have to dig up thermal properties for marine sediment. (forgive the pun).
2. Chad Kecz
 - a. Participated in a kick off meeting and presented the electrical hardware I've already wired up

Week 2

1. Chad Kecz
 - a. Bringing uo the Wago stack