

902208 - MiniROV Operations

Week 48

1. Alana Sherman
 - a. Met with group from LA about using push core design
 - b. Working through ship schedule with MBA and sanctuary
 - c. Making plans for the end of the year efforts

Week 45

1. Alana Sherman
 - a. Scheduling the cruises for next year
 - b. Requested extra funds to pay for more software consulting
 - c. Revisiting the job ad for MiniROV position

Week 44

1. Alana Sherman
 - a. Getting the schedule in order- talking with the Aquarium, as well as Katija, Rock, and Troni
 - b. End of the year spending decisions
 - c.

Week 35

1. Alana Sherman
 - a. Communicated with projects teams post-phase 1 and also with Jean from the Fulmar about next years schedule and costs
 - b. Submitted Phase 1 feedback on the proposal

Week 34

1. Alana Sherman
 - a. Worked on vehicle schedule for 2023 as part of Phase 1 proposal feedback

Week 33

1. Alana Sherman
 - a. Collecting items to be hand carried to the arctic, updated the schemations and copied the project library onto a hard drive.

Week 32

1. Alana Sherman
 - a. Made up two spare cables for Mini

Week 28

1. Alana Sherman
 - a. Wrote Phase 1 proposal for the MiniROV Support project.
 - b. Making spare cables for arctic trip

- c. Updating schematics

Week 25

1. Alana Sherman
 - a. Working on budgets for 2023

Week 24

1. Alana Sherman
 - a. Made test cable for pin puller to get system working in the tank
 - b. Assembled computer and other test equipment for bench testing of the niskin/pin puller pair

Week 20

1. Alana Sherman
 - a. Going through storage and cleaning out many years of accumulated and misc parts

Week 14

1. Alana Sherman
 - a. Spent the last three weeks packing and preparing the MiniROV to go to the Arctic.
 - b. We had one major technical problem that was a combination of water getting into an oil-filled housing and the GFI system not being correctly hooked up. The result was blown fuses all over the system and opening up most of the housings. Once it was put back together there were a bunch of smaller issues (low voltage ground faults on instruments and cables, software updates)
 - c. Combined packing lists of several previous cruises
 - d. Packed and documented all the Zarge boxes for the cruise

Week 13

1. Mike Risi
 - a. Testing and tuning station keeping software in tank

Week 10

1. Mike Risi
 - a. Working on MiniROV interface to roV-control
2. Alana Sherman
 - a. Finished schematics for benthic serial expansion can
 - b. Made system schematic for arctic cruise to help identify what cables we still needed
 - c. Order and found a vast number of cables and connectors
 - d. Trouble shot hall switch
 - e. Helped wire up the system for tank testing

Week 9

1. Alana Sherman
 - a. Working on schematics for Benthic Serial Expansion can
 - b. Scrounging pieces and parts for can

Week 8

1. Alana Sherman

- a. Trying to navigate the closing in of the shipping schedule for the Arctic and the delays of the Fulmar.
- b. Met with Charlie et al to solidify the extra tools etc needed for the Arctic.
- c. Worked with Dale going over updating the software on the van computers
- d. Working on schematics for the extra serial instruments

Week 5

1. Mike Risi
 - a. Continued working with Ben on autonav

Week 4

1. Ben Erwin
 - a. Technical developments continue toward Arctic operations scheduled later this year
 - b. Planning and prep for March dives aboard R/V Fulmar
 - c. Test tank trials of station keeping software were conducted.
2. Alana Sherman
 - a. Working on updated plan for Benthic tool sled

Week 1

1. Alana Sherman
 - a. Tried a new modbus library for Labview with control code
 - b.