

902402 - CSEM

Week 51

1. Johann Voigtlander
 - a. The shipment finally left!
 - b. Purchased foul-weather gear
 - c. Organized files

Week 50

1. Johann Voigtlander
 - a. Got final approval for CSEM shipment to Antarctica. Need to finalize palletizing with Matt & ship the pallets out

Week 49

1. Johann Voigtlander
 - a. Completed BlueROV water sampling modification and validated functionality in the test tank
 - b. Working on shipping paperwork
 - c. Packing gear for shipping

Week 48

1. Johann Voigtlander
 - a. Packing system for Antarctica
 - b. Refurbishing BlueROV
 - i. Creating niskin bottle trigger mechanism for ROV
 - c. Completing paperwork for shipping

Week 46

1. Johann Voigtlander
 - a. Moved equipment to ESB
 - b. Set up the system for a tutorial for Eliana
 - c. Moved line spooler to ESB to decrease length of line from 250m to 150m for Antarctic trip
 - d. Working on shipping logistics to Chile

Week 45

1. Johann Voigtlander

- a. Completed German Antarctic treaty course

Week 44

- 1. Johann Voigtlander
 - a. Met with Eliana to discuss Antarctic deployment

Week 43

- 1. Johann Voigtlander
 - a. Met with Aaron & Eliana to discuss Antarctic deployment logistics

Week 41

- 1. Johann Voigtlander
 - a. Figuring out Antarctic shipping logistics
 - b. Completed Antarctic treaty training course

Week 40

- 1. Johann Voigtlander
 - a. Working out logistics to ship the equipment from Korea -> MBARI -> Antarctica

Week 39

- 1. Johann Voigtlander
 - a. Working out logistics of Antarctic deployment. Possibly may not happen due to engine trouble on the ship.

Week 33

- 1. Johann Voigtlander
 - a. Trigger box housing completed
 - b. Programming finished and tested

Week 32

- 1. Johann Voigtlander
 - a. Wiring done on the new CSEM triggerbox
 - b. Continuing code development

Week 31

- 1. Johann Voigtlander
 - a. Ordered parts for new triggerbox construction
 - i. Started initial programming

Week 29

1. Johann Voigtlander
 - a. Reviewed manufacturing of datalogger housing

Week 27

1. Johann Voigtlander
 - a. Wrote proposal activities and budget

Week 26

1. Johann Voigtlander
 - a. Working on Arctic shipping logistics with KOPRI

Week 25

1. Johann Voigtlander
 - a. Drew up engineering drawings for datalogger protective housing to be manufactured

Week 24

1. Johann Voigtlander
 - a. Engineering drawings of the datalogger protective housing were made

Week 22

1. Johann Voigtlander
 - a. Working with Mr. Shin on winch deck placement changes

Week 21

1. Johann Voigtlander
 - a. Discussions with Mr. Shin regarding CSEM deck placement.

Week 19

1. Johann Voigtlander
 - a. Working on Antarctic logistics
 - b. Creating a datalogger and triggerbox GUI to see the settings and data stream better

Week 16

1. Johann Voigtlander
 - a. Replaced corroded cabling in black winch

- b. Rewired winch 3-phase to clockwise rotation for minirov control van
- c. Inventorying and packing for Arctic trip
- d. Getting new lines made for 3rd and 4th datalogger deployment

Week 15

- 1. Johann Voigtlander
 - a. Built up space in control van for topside electronics
 - b. A large plug was installed in the control van for 208V 3-phase black winch connection
 - c. Purchased additional GPS loggers and spare parts for deploying 2 additional data loggers
 - d. Debugged GFCI issue on CSEM power supply - verified equipment safety
 - e. Built cable for topside voltage and current monitoring
 - f. Helped out with ITAR/EAR classifications on CSEM equipment
 - g. Installed power supply in AUV server rack
 - h. Built up cable to connect 4th datalogger for time sync

Week 14

- 1. Johann Voigtlander
 - a. Winch control panel parts ordered
 - b. Black winch cover being made

Week 13

- 1. Paul McGill
 - a. Helping Johann troubleshoot ground-fault issue in CSEM power supply
- 2. Johann Voigtlander
 - a. Completed mob, deployment (x2), and demob on the Fulmar. Deployments went smoothly and were successful
 - b. Compiled and organized all the data and notes
 - c. Purchased GFCI test cable to debug potential issues with power supply

Week 11

- 1. Johann Voigtlander
 - a. Cruise planning and logistics
 - b. Rewired winch to 240V 3-phase for Fulmar
 - c. Getting CTD ready for deployment

Week 10

- 1. Paul McGill
 - a. Met with Johann to go over setup for next week's cruises
- 2. Johann Voigtlander

- a. Wound up winch, ready for deployment
- b. Fulmar is 240V 3-phase, winch voltage needs to be swapped over
- c. Organizing crew and logistics
- d. Finished all NOAA VPM forms

Week 9

- 1. Johann Voigtlander
 - a. Completed vessel project manager
 - b. Organizing March 17th cruise
 - c. Connected Dataq for topside real-time current monitoring

Week 6

- 1. Paul McGill
 - a. Ordered a Dataq data logger to monitor the CSEM transmit current.
 - b. Investigating whether noise in the transmitter power supply compromises recorded data.

Week 5

- 1. Johann Voigtlander
 - a. Adjusted lengths of line on black winch & general maintenance