

300070 - DMO Divisional Support - Ventana

Week 44

1. Paul McGill
 - a. Met with Greensea's programmer to explain Ventana ground fault sampling protocol

Week 41

1. Paul McGill
 - a. Did some data modeling in Mathematica to verify that new ground-fault sampling scheme will work

Week 40

1. Paul McGill
 - a. Helped DJ troubleshoot ground-fault issues on Ventana
 - b. Developed a sampling scheme for ground-fault readings to be implemented by Greenseas

Week 38

1. Paul McGill
 - a. Reorganized ground fault system docs and am helping Ethan B. to understand the new system

Week 34

1. Kevin Gomes
 - a. Helping debug some video card issues for the machine paduk
2. Paul McGill
 - a. Worked with DJ to get new GF isolator card integrated onto Ventana.
 - b. Helped DJ with a 120/240 VAC transformer issue for the vehicle.

Week 32

1. Paul McGill
 - a. Finally finished calculations to account for weird behavior of Ventana's new ground-fault scanner. Hopefully we can get it working during the upcoming shore period.

Week 31

1. Paul McGill
 - a. Continuing circuit analysis for ground-fault detection system to account for errors

Week 30

1. Kevin Gomes
 - a. Starting to think about DiveLog app upgrade
 - b. Playing around with Qt/API to see if it might be a good replacement for Xojo thick client

Week 29

1. Paul McGill
 - a. Have revived the ground fault channel isolator project, doing some circuit analysis

Week 28

1. Kevin Gomes
 - a. Working on GSS documentation for changes to UI

Week 21

1. Kevin Gomes
 - a. Helping out with figuring out how to register/view WMS layers on 4D Nav

Week 19

1. Kevin Gomes
 - a. Trying to get up to speed on 4D nav and learn how we can use WMS layers (possibly from ODSS)

Week 18

1. Kevin Gomes
 - a. Researching 4D nav to figure out how we will plumb in tracking DB positions and if we can integrate ODSS/ERDDAP WMS maps
2. Mike Risi
 - a. Added a process to navproc to send GPS data to the newly installed Octans gyro.

Week 14

1. Kevin Gomes
 - a. Helping with some networking issues

Week 13

1. Kevin Gomes
 - a. Monitored today's first dive back in the water

Week 12

1. Kevin Gomes
 - a. Overhauled the build for the custom LCM logger and updated the code to try and match the file structure that the GSS playback was looking for. Deployed on bubinga and updated NAS firmware while I was at it.

Week 10

1. Kevin Gomes
 - a. Working on changes to custom logger to work better with GreenSea workspace replay
 - b. Bringing systems back up on Carson

Week 9

1. Mike Risi
 - a. Working with DJ on Octans upgrade for Ventana, will start driver development when the protocol selection has been finalized.

Week 3

1. Paul McGill

- a. Made progress on ground fault channel isolator with Jose.

Week 2

1. Kevin Gomes
 - a. Some small support before the ship left for the yard
2. Paul McGill
 - a. Worked with Jose on Ground Fault Channel Isolator board, found a bug, wrote a software patch, have yet to test.