

300070 - DMO Support Ventana

Week 50

1. Kevin Gomes
 - a. A small amount of support and meetings while the Greensea engineers are here upgrading the control computers for Ventana
 - b. Found the NAS for backing up GSS log files failed and have ordered a replacement. Not due until around Christmas, but drives look to still be intact (as far as we can tell).
2. Paul McGill
 - a. Tested ground-fault channel isolator board with Jose. Made some changes to DTEC board and now they seem to work together.

Week 48

1. Paul McGill
 - a. First powerup of new channel isolator board for ground fault system. Jose and I found some issues that we're working on.

Week 46

1. Kevin Gomes
 - a. Dataprobe support for new version

Week 44

1. Paul McGill
 - a. Went to Monterey Bay Academy on Tue to participate in UAV testing. Things were broken, lessons were learned.

Week 35

1. Paul McGill
 - a. Continue to work on DTEch Ground Fault Isolator board with Jose.

Week 32

1. Thom Maughan
 - a. Assembled development Wago stack. Thanks to Dale for exchanging some of the wago modules that were incorrectly purchased
2. Paul McGill
 - a. Met with Jose and DJ at Ventana to plan physical layout of ground-fault isolator board

Week 31

1. Paul McGill
 - a. Working with Jose on ground fault isolator board

Week 30

1. Thom Maughan

- a. Xojo ground fault app working on Ventana in Bay 1 (drydock)
- 2. Paul McGill
 - a. Working with Jose on ground-fault isolator PCB

Week 29

- 1. Thom Maughan
 - a. Testing xojo app on various windows 10 laptops, all Pro 10. Delivered a copy to DJ on his Microsoft Surface.
 - b. Logged a few issues that could be improved and reviewed with DJ.
 - c. Wago lesson from Dale that was very helpful in understanding modbus register assignment.

Week 28

- 1. Thom Maughan
 - a. Installed and tested binaries on loaner laptop for work with DJ.

Week 26

- 1. Thom Maughan
 - a. Full press to come up to speed and fix issues affecting Xojo for DeepSea Wago Ground Fault app. Very much appreciate the support from Rich. Lots of progres on coming up to speed and diagnosing.
 - i. Windows 10 Home causes modbus_connect fail.
 - ii. Windows hosted Xojo build, debug and deploy
 - iii. Libmodbus dll build for 64bit. Progress made, but not complete as the blocking issue was solved with Win 10 Pro. 64bit is on the todo list, tho Dale indicates he is building 32bit labview with the 32bit dll.
 - iv. Debugging variables set thru JSON. Very cool JSON wago representation, but hardly used by this app.
 - v. In progress writing a simple test app that toggles the same muxes and reads the analog. This will be a fallback until I get the mux sequencing straightened out.,
 - b. Summary: Handoff from Rich complete. Thom to work with DJ moving forward. Thanks again to Rich for all you have done in these decades.
- 2. Rich Schramm
 - a. Working with Thom on the Ventan GFTest app.

Week 25

- 1. Mike Risi
 - a. Debugging interface to GTD Pro instrument from MBA

Week 24

- 1. Mike Risi
 - a. Misc. navproc support

Week 23

- 1. Thom Maughan
 - a. Getting Xojo app up and running, familiarizing.

Week 21

- 1. Thom Maughan

- a. Touched bases with DJ.
 - b. Startup curve on Xojo.
2. Mike Risi
 - a. Working Doug and DJ on changes to navproc in Carson racks

Week 19

1. Jon Erickson
 - a. Light Bar.
2. Mike Risi
 - a. Misc. navproc support

Week 17

1. Jon Erickson
 - a. New light bar for Ventana. Bending moments.

Week 13

1. Jon Erickson
 - a. DJ's webex meeting with South Bay.
2. Paul McGill
 - a. Met with DJ about shielding in Ventana's tether

Week 10

1. Rich Schramm
 - a. Attend meeting with Greensea and Ventana re computer upgrades

Week 5

1. Thom Maughan
 - a. Installed Xojo, rebuilt VentanaGF app, ran it on Wago stack. Studied the code, met with Rich, etc.
 - b. Meeting with DJ to go over the app and see how the GF app runs on his laptop. I can now see the issue, gpio lights not matching mux config and relay clicks not regular as would be expected. I'm on it.

Week 3

1. Thom Maughan
 - a. Installed Xojo
 - b. Cloned Rich's modbus apps
 - c. Coming up to speed