

901405 - Wave-Energy Conversion for Oceanographic Applications

Week 51

1. Francois Cazenave
 - a. Changing seals on PTO

Week 50

1. Francois Cazenave
 - a. PTO maintenance
 - b. Valve upgrades
2. Eric Martin
 - a. Meeting last Friday to go over tasks, just a few to watch.

Week 49

1. Francois Cazenave
 - a. PTO repairs

Week 47

1. Francois Cazenave
 - a. PTO repairs
 - b. Valve upgrade

Week 46

1. Francois Cazenave
 - a. Testing valve
 - b. PTO maintenance

Week 45

1. Francois Cazenave
 - a. Range-finder troubleshooting
 - b. Seal replacement (PTO and ram)
 - c. Cable order
2. Eric Martin
 - a. Francois finally found the short in the system, due to wires rubbing the inside of the tube. Will be addressed.

Week 44

1. Francois Cazenave
 - a. PTO troubleshooting
 - b. Cable order
2. Rich Henthorn
 - a. AHRS server
3. Scott Jensen
 - a. Why does the rangefinder over current ?

Week 43

1. Francois Cazenave
 - a. PTO repair
 - b. Heave cone galvanizing
 - c. Tether order
2. Rich Henthorn
 - a. Shore-side processing to collada_u
 - b. nav440

Week 42

1. Eric Martin
 - a. Troubleshooting the laser range finder

Week 41

1. Francois Cazenave
 - a. PTO repairs
 - b. Heave cone disassembly
2. Rich Henthorn
 - a. Moving shore side utilities to new Ubuntu server

Week 40

1. Francois Cazenave
 - a. Buoy cleanuo
2. Scott Jensen
 - a. Trying to figure out what went wrong
 - b. Preparing for Battery Conference

Week 39

1. Francois Cazenave
 - a. Buoy recovery
2. Scott Jensen

- a. Many discussions about how the buoy may have failed
- 3. Justin Tucker
 - a. 2 point mooring analysis

Week 38

- 1. Francois Cazenave
 - a. Trip to buoy to turn off switch
 - b. Recovery planning
 - c. Cable order
 - d. Mooring design

Week 36

- 1. Scott Jensen
 - a. Trip planning to battery show

Week 35

- 1. Francois Cazenave
 - a. Monitoring buoy
- 2. Scott Jensen
 - a. Preparations for attending battery convention
 - b. Investigating dock-PB-LRAUV integration

Week 34

- 1. Francois Cazenave
 - a. Monitoring buoy

Week 33

- 1. Francois Cazenave
 - a. Monitoring buoy

Week 32

- 1. Francois Cazenave
 - a. Monitoring buo
 - b. Cable order

Week 31

- 1. Francois Cazenave
 - a. Monitoring buoy
 - b. Working on new tether order

Week 30

1. Francois Cazenave
 - a. Monitoring buoy

Week 29

1. Francois Cazenave
 - a. Monitoring buoy
 - b. Working of new tether quote with Falmat

Week 28

1. Rich Henthorn
 - a. Check-in service

Week 24

1. Francois Cazenave
 - a. Monitoring buoy

Week 23

1. Francois Cazenave
 - a. Monitoring buoy
 - b. Brainstorming for 2025 proposal

Week 22

1. Francois Cazenave
 - a. Monitoring buoy

Week 21

1. Francois Cazenave
 - a. Monitoring buoy
 - b. Clean up

Week 20

1. Francois Cazenave
 - a. Deployed the wave energy buoy
2. Eric Martin
 - a. Minor support on deployment

Week 19

1. Francois Cazenave
 - a. Preparing buoy for deployment
2. Rich Henthorn
 - a. Check-in service reporting issues

Week 18

1. Francois Cazenave
 - a. Preparing buoy for deployment
2. Eric Martin
 - a. Final tests on heave cone last week.

Week 17

1. Francois Cazenave
 - a. Preparing buoy for deployment

Week 16

1. Francois Cazenave
 - a. Making preparations for deployment
2. Eric Martin
 - a. Helping with various wiring for the next deployment.

Week 15

1. Francois Cazenave
 - a. PTO test
 - b. Preparations for deployment
2. Rich Henthorn
 - a. Making CLI app to set permissive mode for the power converter

Week 14

1. Francois Cazenave
 - a. Replaced hydraulic motor

Week 12

1. Francois Cazenave
 - a. Installing and testing load cell
 - b. Replacing hydraulic motor

Week 10

1. Francois Cazenave
 - a. Helped with PTO test
 - b. Working on tether order
 - c. New housing for heave cone

Week 9

1. Francois Cazenave
 - a. Preparing for PTO test
 - b. Tether order
2. Eric Martin
 - a. Spot Tracker updates inquiry

Week 7

1. Michael Anderson
 - a. Getting v1.1.0 release ready (automatic release scripts / testing)
 - b. Enable nightly testing
 - c. Update documentation
2. Francois Cazenave
 - a. Working on tether order, load cell repair, PTO maintenance

Week 6

1. Francois Cazenave
 - a. Load cell repair.
 - b. New tether sent to TMT

Week 4

1. Francois Cazenave
 - a. PTO maintenance, tether assembly, new tether

Week 3

1. Francois Cazenave
 - a. PTO maintenance
2. Eric Martin
 - a. Troubleshooting of load cell and laser rangefinder complete
 - b. Load cell electronics packaging for RMA

Week 2

1. Francois Cazenave
 - a. Inspecting PTO

- b. Dealing with vendor (TMT, cable vendor)

Week 1

- 1. Eric Martin
 - a. Reviewing wiring drawings for debugging planned later this week.