

Francois Cazenave Sorted By Project

300058 - DMO Support - Western Flyer

300060 - DMO Support - Paragon

300062 - DMO Support - Doc Ricketts

300079 - DMO Support - Rachel Carson

708167 - WEC Dynamics and Control

901405 - Wave-Energy Conversion for Oceanographic Applications

- Sent the load cell for repair (Week 3)
- Working on new tether (Week 4)
- Working a heave cone rotation (Week 4)
- Preparing pressure test of top hat (Week 4)
- Helped Andy with efficiency testing (Week 5)
- Tested top hat for gas leaks (Week 5)
- Worked on new jacket for tether (Week 5)
- Preparing the tether for TMT. Added PE jacket (Week 7)
- Monitoring leak in top hat (Week 7)
- Found leak in top hat and fixed (Week 9)
- Working on new bridle (Week 9)
- Preparing deployment: EM tether, buoy, anti biofouling, IFCB, (Week 11)
- Preparations for deployment (Week 12)
- Preparing system for deployment (Week 14)
- Helped deployed the wave energy buoy (Week 16)
- Monitoring buoy, analysing data (Week 16)
- Monitoring wave energy buoy (Week 17)
- Analyzing data from buoy (Week 17)
- Monitoring buoy (Week 20)
- Dove on the buoy to inspect. Found wear on the tether and other minor issues. (Week 22)
- Monitoring buoy. (Week 23)
- Monitored buoy (Week 25)
- Prepared recovery (Week 25)
- Recovered buoy (Week 25)
- Removed boxes from buoy (Week 26)
- Installed PTO in building D (Week 26)
- Making repairs to buoy for upcoming deployment (Week 32)
- Preparing buoy for deployment (Week 34)
- Monitoring wave energy buoy (Week 38)
- Provide buoy characteristics to modeler (Week 38)
- Monitoring buoy (Week 39)

- Monitoring buoy (Week 40)
- Organizing equipment (Week 40)
- Monitoring buoy. (Week 41)
- Planning inspection dive (Week 41)
- Cleaning container (Week 41)
- Monitoring buoy (Week 42)
- Monitoring buoy (Week 43)
- Monitoring buoy (Week 45)
- Preparation for buoy recovery (Week 49)
- Buoy recovery and clean up (Week 49)
- Buoy recovery and clean up (Week 50)
- Test PTO in high bay (Week 51)

901700 - Acoustical Ocean Ecology

901704 - Benthic Observing System Maintenance

- Sealing camera housing (Week 9)

902000 - Multi-Spectral StealthCam

902106 - Niobicon-Based AUV Docking Development

- Spec'd and ordered tilt sensor (Week 2)
- Weekly meeting (Week 2)
- Preparations for upcoming deployment (Week 2)
- Spec'd current meter for site survey (Week 3)
- Assembled AUV dock and starting testing in the tank (Week 3)
- Testing dock in the tank (Week 4)
- Preparing deployment of current meter (Week 4)
- Preparing collaboration with WHOI (Week 5)
- Deployed current meter (Week 5)
- Making plans for future tests (Week 5)
- Continued testing in the tank (Week 5)
- Tested the entire system in the tank (Week 7)
- Prepared collaboration with WHOI (Week 7)
- Prepared deployment of test buoy (Week 7)
- Design improve capture device (Week 9)
- WHOI collaboration details (Week 9)
- Preparing mooring for deployment. (Week 11)
- Finished preparations and loaded the boat (Week 12)
- Getting parts for upgraded power transfer device (Week 14)
- Troubleshooting buoy (Week 14)
- Working on improved capture device (Week 16)
- Preparing recovery of buoy (Week 16)
- Managing project (Week 16)
- Meeting with NG attorneys about patent. (Week 17)
- Working with Jerry on parts for new power transfer device (Week 17)
- Planning recovery of mooring (Week 17)
- Learning how to use mooring simulation software (Week 20)
- Organizing collaboration with WHOI (Week 20)
- Recovered AUV dock mooring, found a flooded termination and worked on repairing (Week 20)

- Help with abstracts of 2 new projects (Week 20)
- Recovered mooring, fixed flooded termination, and redeployed. (Week 22)
- Preparing presentation for DOEST (Week 22)
- Participated in DOEST presentation (Week 23)
- Designing new buoy (Week 23)
- Worked on proposal for 2023 (Week 25)
- Meet with WHOI group and made plans for new mooring (Week 25)
- Working on proposal for 2023 (Week 26)
- Ordering new actuator (Week 26)
- Worked on proposal (Week 28)
- Designing new mooring (Week 32)
- Designing new mooring (Week 34)
- Designing buoy housing (Week 38)
- Designing battery pack and buoy housing. (Week 39)
- Designing buoy housing and battery tower (Week 40)
- Did a critical design review of electrical and mechanical design (Week 40)
- Designing buoy (Week 41)
- Designing housing, buoy, battery tower. (Week 42)
- Designing and ordering materials for new buoy and housing. (Week 43)
- Designing buoy/housings (Week 44)
- Assembled new dock latch on AUV (Week 44)
- Detailing design of housing (Week 45)
- Fabrication of 2023 buoy and mooring (Week 49)
- Preparations for dock recovery (Week 49)
- Buoy and dock recovery and clean up. (Week 50)
- Assembled battery tower (Week 51)
- Project management (Week 51)

902204 - Scalable Marine Robotics Foundations

Out of Office

- Working part time from home due to quarantine
- Took tuesday off due to daughter's school closure
- One day off to take care of sick child
- One day of vacation
- Returned from 12 days vacation
- Out sick on Monday
- Out sick on Thursday and Monday
- Took ½ off.
- 1 sick day due to sick child
- 3 sick days
- 2 sick days

Overhead

- Working on Sinker proposal (Week 25)
- Helped with proposals (Week 28)
- Interviewed two candidates for the ME tech position (Week 44)
- Helped troubleshoot and redesign the flooded FOCE housings (Week 44)
- Preparing for and participating in ME interviews (Week 45)