

Francois Cazenave Sorted By Project

300058 - DMO Support-WF

- Helping with Crane repair (Week 49)

300060 - DMO Support-Pargn

300062 - DMO Support-DR

300079 - DMO Support-RC

- Designed and built a new base for the transducer frame. (Week 10)
- Help install new base the transducer pole frame on the Carson (Week 11)

901405 - PowerBuoy Development

- Testing laser range finder (Week 5)
- Assembling PTO (Week 5)
- Working on assembly of PTO (Week 6)
- Designing housing for laser distance sensor (Week 6)
- Making modifications to the buoy (Week 6)
- I am assembling the PTO (Week 8)
- I tested the compensator and found a leak. I ordered replacement component. (Week 8)
- I am working with Eric on the wiring (Week 8)
- I helped stage the equipment for the external review (Week 9)
- I am working on various tasks related to the upcoming deployment (Week 9)
- I prepared a brainstorming session on the AUV cable dock. (Week 9)
- Testing laser distance sensor (Week 10)
- Helping with PTO wiring (Week 10)
- Assembled and tested compensator (Week 10)
- Tested niobium (Week 10)
- Still testing laser sensor (Week 11)
- Assembling PTO (Week 11)
- Evaluating status of PTO and buoy assembly (Week 23)
- Assembled oil lines on PTO (Week 24)
- Ordered new check valves (Week 24)
- Helping with electronics assembly (Week 24)
- Continued assembling the PTO, changed valves, refilled oil. (Week 25)
- Work on wiring with Jose (Week 25)
- Working of PTO assembly and test (Week 28)
- Working on cable latch design (Week 28)
- Preparing PTO for deployment (Week 29)
- Designing cable contact device (Week 29)
- Preparing PTO for upcoming deployment (Week 30)
- Preparation for deployment (Week 31)

- Preparing PTO for deployment (Week 35)
- Installed new switches on battery box (Week 35)
- Ordering components for AUV dock test (Week 35)
- Supervising fabrication of cable dock (Week 35)
- Preparations for upcoming deployment (Week 39)
- Preparations for cable dock test (Week 39)
- Preparing for niobium dock test (Week 40)
- I assembled the AUV dock prototype and tested it in the lab (Week 41)
- I assembled the power transfer prototype and tested it successfully. (Week 42)
- I am working on several designs of cable capture mechanisms (Week 42)
- I tested the AUV dock prototype in the test tank, wrote a report and made improvements to the design. I ordered new components from the machine shop. (Week 43)
- I am working on latching mechanisms for the AUV dock (Week 43)
- I modified the power transfer device to included ball bearing and tested in the tank (Week 44)
- I am working on two cable capture mechanism in solidworks (Week 44)
- I have been working on the capture mechanism for the LRAUV dock (Week 46)
- I have completed the design of the line capture device prototype for the LRAUV. I've ordered all components from the machine shop (Week 48)
- I complete the design of the 'LRAUV launcher' and have ordered fabrication (Week 48)
- Working on docking prototype (Week 49)
- I have been assembling the docking capture device. (Week 50)
- I assembled the dock capture device on the LRAUV and tested it in the test tank, with Brett and Brian's help. The device performs well. (Week 51)
- I have been testing sensors for the LRAUV dock (Week 53)
- I designed a housing for a photosensor (Week 53)
- I am modifying the design of the capture device and making drawings. (Week 53)

901704.99 - 8 Camera Obs Lander

- Helped Chad install newly terminated tether (Week 11)
- Preparing documentation (Week 23)
- Working on documentation. (Week 24)
- Reviewed all drawings, and solidworks models. Made updates and changes where necessary. (Week 25)
- Compiled all relevant ME documentation in a folder. (Week 25)
- Finished documentation (Week 28)
- Reviewing documentation (Week 39)
- Read and annotated documentation (Week 40)

901807 - Next Gen Acoustic Dorado

- Added zinc anodes to the endcaps of the housing (Week 5)
- Cleaned the glass dome (Week 5)
- Designed a shield for the transducers (Week 5)
- I attended the weekly meeting (Week 6)
- I ordered a new guard for the transducers (Week 6)

902000 - Multi-Spectral StealthCam

- Working on LED housing (Week 5)
- Working on LED housing. (Week 6)
- I completed the design of the light housing and ordered the parts from the machine shop. (Week 8)
- I am working on the design of the electronics housing (Week 9)
- Working on the design of the camera housing (Week 10)

- Reviewed state of projects with Chad (Week 24)
- Supervising fabrication of housing (Week 28)
- Designing camera housing (Week 29)
- Designing camera housing (Week 30)
- Designing camera housing (Week 31)
- Continued work on the camera housing (Week 35)
- Supervising fabrication of parts (Week 41)
- I received parts from the machine shop and I am starting assembly (Week 42)
- I finished the design of the electronics chassis and ordered parts. (Week 43)
- I made drawings and orders component for the main housing (Week 44)
- I assembled the camera housing, including electronic components (Week 48)

902001.99 - 4K ROV Camera Development

- I reviewed the slides from Mark and attended the design review (Week 48)

DQ1942 - Buoy Power Generation

Out of Office

- I took one day of vacation (Friday)
- I took one sick day (Tuesday)
- Special leave
- Taking Friday off
- Took Monday Off
- Was on vacation for the last 3 weeks. Currently working part time at home during 2 week quarantine.
- Currently working part time at home during 2 week quarantine.
- Was working part time at home last week due to quarantine.
- I have been working at home for the last two weeks due to sick child
- I took Monday and Wednesday off due to my children's school being closed.
- I took thursday and Friday off due to my children's school being closed.
- I am working reduced hour from home.
- I was on vacation last week. I am working this week

Overhead

- I am preparing some experiment with niobium for AUV recharge (Week 8)
- I participated in a meeting with the external reviewers (Week 9)
- Helping Kelly BB with proposal preparation (Week 28)