

Francois Cazenave Sorted By Project

901221 - Midwater Time Series

- Designed improved light bars (Week 1)
- Supervising fabrication of new light bars (Week 2)
- New light bars (Week 3)
- Light bar assembly (Week 4)
- Helped prepare I2map for deployment (Week 7)

901405 - Wave-Energy Conversion for Oceanographic Applications

- Inspecting PTO (Week 2)
- Dealing with vendor (TMT, cable vendor) (Week 2)
- PTO maintenance (Week 3)
- PTO maintenance, tether assembly, new tether (Week 4)
- Load cell repair. (Week 6)
- New tether sent to TMT (Week 6)
- Working on tether order, load cell repair, PTO maintenance (Week 7)
- Preparing for PTO test (Week 9)
- Tether order (Week 9)
- Helped with PTO test (Week 10)
- Working on tether order (Week 10)
- New housing for heave cone (Week 10)
- Installing and testing load cell (Week 12)
- Replacing hydraulic motor (Week 12)
- Replaced hydraulic motor (Week 14)
- PTO test (Week 15)
- Preparations for deployment (Week 15)
- Making preparations for deployment (Week 16)
- Preparing buoy for deployment (Week 17)
- Preparing buoy for deployment (Week 18)
- Preparing buoy for deployment (Week 19)
- Deployed the wave energy buoy (Week 20)
- Monitoring buoy (Week 21)
- Clean up (Week 21)
- Monitoring buoy (Week 22)
- Monitoring buoy (Week 23)
- Brainstorming for 2025 proposal (Week 23)
- Monitoring buoy (Week 24)
- Monitoring buoy (Week 29)
- Working of new tether quote with Falmat (Week 29)

- Monitoring buoy (Week 30)
- Monitoring buoy (Week 31)
- Working on new tether order (Week 31)
- Monitoring buoy (Week 32)
- Cable order (Week 32)
- Monitoring buoy (Week 33)
- Monitoring buoy (Week 34)
- Monitoring buoy (Week 35)
- Trip to buoy to turn off switch (Week 38)
- Recovery planning (Week 38)
- Cable order (Week 38)
- Mooring design (Week 38)
- Buoy recovery (Week 39)
- Buoy cleanuo (Week 40)
- PTO repairs (Week 41)
- Heave cone disassembly (Week 41)
- PTO repair (Week 43)
- Heave cone galvanizing (Week 43)
- Tether order (Week 43)
- PTO troubleshooting (Week 44)
- Cable order (Week 44)
- Range-finder troubleshooting (Week 45)
- Seal replacement (PTO and ram) (Week 45)
- Cable order (Week 45)
- Testing valve (Week 46)
- PTO maintenance (Week 46)
- PTO repairs (Week 47)
- Valve upgrade (Week 47)
- PTO repairs (Week 49)

901704 - Benthic Observing System Maintenance

902106 - Niobicon-Based AUV Docking Development

- Assembling new latch mechanism (Week 1)
- Assembling new latch (Week 2)
- Buoy troubleshooting (Week 3)
- Latch assembly (Week 3)
- Project management (Week 4)
- Designing bracketry for Pontus (Week 6)
- Assembling Pontus (Week 6)
- Designing new housing (Week 6)
- Designing bracketry for LRAUV pontus (Week 7)
- Recover docking buoy (Week 7)

- Designing brackets for AUV Pontus (Week 8)
- Troubleshooting failed mooring cable, clean up and disassembly (Week 8)
- Designing brackets for LRAUV Pontus (Week 9)
- Working on cable and hose replacement (Week 9)
- Assembling Pontus nose (Week 10)
- Working a Stretch hose and cable replacement (Week 10)
- Assembling Pontus (Week 12)
- Assembling Pontus for deployment (Week 14)
- Ordering components for mooring (Week 14)
- Pontus assembly (Week 15)
- Buoy preparations for deployment (Week 15)
- Assembling Pontus nose (Week 16)
- Assembling niobium brushes (Week 16)
- Planning deployment (Week 16)
- Assembling Pontus (Week 17)
- Preparing mooring (Week 17)
- Assembling power transfer device (Week 18)
- Planning deployment (Week 18)
- Preparing AUV and mooring for deployment (Week 19)
- Preparing for deployment (Week 20)
- Preparing AUVs and mooring for deployment (Week 21)
- Test in the tank (Week 21)
- Preparing mooring for deployment (Week 22)
- Documentation (Week 22)
- Preparing AUV and mooring for deployment (Week 23)
- Deployment of AUV dock (Week 24)
- Wrote the proposal (Week 28)
- photosensor repair (Week 29)
- Power transfer device upgrades and assembly (Week 29)
- Project management (Week 29)
- Pontus deployment (Week 29)
- Trouble-shooting and repairing photosensor (Week 30)
- Solve problem with photosensor (Week 31)
- Project management (Week 31)
- Designing new photosensor housing (Week 32)
- Assembled and tested 2nd photosensor (Week 33)
- Project management (Week 33)
- Project management (Week 34)
- Organizing lab (Week 35)
- Project management (Week 35)
- Power transfer device assembly (Week 36)
- Project management (Week 36)
- Photosensor design (Week 38)
- New photosensor housing design (Week 39)

- Photosensor (Week 40)
- Buoy repair preparations (Week 40)
- Designed deflectors for LRAUV elevators (Week 41)
- Ordering new mooring hardware (Week 41)
- Photosensor housing assembly and test (Week 43)
- Shock proof elevators (Week 43)
- Photosensor testing and installation (Week 44)
- Photosensor installation (Week 45)
- New AUV elevator (Week 45)
- Project management (Week 46)
- Actuated valve upgrades (Week 49)
- Documentation of docking systems (Week 49)

902204 - Scalable Robotics

- Subastian ROV bracketry (Week 3)
- Hardware for Subastian (Week 4)
- Designing camera mount for Subastian arm (Week 6)
- Designed and ordered hardware for ROV Subastian (Week 7)
- Provided parts and drawings for ROV Subastian (Week 8)
- Helping with design of new camera housing (Week 14)
- Reviewed camera housing design (Week 17)
- Designing brackets for cameras, laser. (Week 29)
- Designing brackets for sonar and camera (Week 30)
- Design of mini roV sled (Week 31)
- Designing brackets for Mini ROV (Week 32)
- Designing brackets for mini roV (Week 33)
- Designing brackets for Mini ROV (Week 34)
- Designing brackets for benthic sled. Assembly (Week 35)
- ROV sled assembly (Week 36)
- Bracketry design and assembly (Week 38)
- Drawings (Week 44)
- Drawings for presentation (Week 45)
- Rear bumper for ROV (Week 45)

902306 - SINKER

Out of Office

- Vacation
- 1 day of Vacation
- Took Friday off
- Out sick on Monday
- Took sick day on tuesday
- 1 day off

- Return from vacation
- 1 day vacation
- One vacation day

Overhead

- Administrative tasks and organizing (Week 1)
- First aid and CPR class (Week 10)
- Took 2 days off (Week 12)
- NITROX diving training (Week 21)
- Nitrox diving online training (Week 23)
- Diving physical (Week 31)
- Pressure chamber upgrades (Week 45)
- 2-day trip to LA to visit TMT (Week 49)