

902106 - Niobicon-Based AUV Docking Development

Week 50

1. Francois Cazenave
 - a. Working on latch upgrades

Week 49

1. Francois Cazenave
 - a. Ordering new latch hardware

Week 48

1. Francois Cazenave
 - a. Designing and order parts for Pontus latch

Week 45

1. Francois Cazenave
 - a. Designing new latch
 - b. Buoy maintenance and troubleshooting

Week 43

1. Francois Cazenave
 - a. Designing new docking hardware

Week 42

1. Francois Cazenave
 - a. Deployed buoy

Week 39

1. Francois Cazenave
 - a. Assembling mooring

Week 37

1. Francois Cazenave
 - a. Deployment preparations

Week 36

1. Francois Cazenave
 - a. Preparing upcoming deployment

Week 32

1. Francois Cazenave
 - a. Preparations for buoy deployment

2. Scott Jensen
 - a. Conducted an experiment to determine just how capacitive the docking rod is. It does present a challenge to high speed communications.

Week 31

1. Francois Cazenave
 - a. Making improvements to latch design
 - b. Design release for stuck arm
 - c. Preparing mooring for deployment

Week 30

1. Francois Cazenave
 - a. Designing hardware for Chiton payload

Week 29

1. Francois Cazenave
 - a. Assembling charge rod
 - b. Design bracketry for Chiton LRAUV

Week 28

1. Francois Cazenave
 - a. Wrote and submitted the proposal

Week 26

1. Scott Jensen
 - a. Fact finding around communications across dock. Need to try measuring using S21.

Week 25

1. Scott Jensen
 - a. Looking into possible solutions to the communications road block.
 - b. High capacitance when the dock is in water causes a lack of communications

Week 23

1. Francois Cazenave
 - a. Mooring preparations
 - b. Assembling new latch mechanism
 - c. Ordering new release for anchor

Week 22

1. Francois Cazenave
 - a. Preparing mooring, charge rod, anchor etc.
 - b. Project management

Week 19

1. Francois Cazenave
 - a. Assembly of buoy

- b. Project management

Week 15

1. Francois Cazenave
 - a. Buoy assembly
 - b. Charge rod fabrication

Week 13

1. Francois Cazenave
 - a. Assembling buoy

Week 12

1. Francois Cazenave
 - a. Designed new charge rod

Week 11

1. Francois Cazenave
 - a. Building mooring

Week 10

1. Francois Cazenave
 - a. Supervising fabrication of new buoy and anchor
 - b. Preparing for deployment

Week 9

1. Francois Cazenave
 - a. Supervising fabrication of buoy components
 - b. Assembled buoy cable and tested electronics

Week 6

1. Francois Cazenave
 - a. Building buoy, anchor.

Week 5

1. Francois Cazenave
 - a. Supervising mooring and buoy fabrication
 - b. Making design changes to buoy and mooring
 - c. Project management

Week 4

1. Francois Cazenave
 - a. Building mooring
2. Scott Jensen
 - a. Supporting James as he brings up the electronics.

Week 3

1. Francois Cazenave
 - a. Organizing project hardware and equipment
 - b. Supervising fabrication of buoy housings
 - c. Planning the year
2. Scott Jensen
 - a. Oversight of electrical build of Dock

Week 1

1. Scott Jensen
 - a. Monitoring of the electrical build of the next dock