

Scott Jensen

Week 51

- 706008 - READI-net
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office December 6,8,21-1/2

Week 50

- 706008 - READI-net
 - Flow sensor now works to stop sampling due to rate of volume limits
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
 - Support lab tool development to aid in post deployment processing
- 901405 - PowerBuoy Development
 - Preparing operations manual for power converter
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office December 6,8,21-1/2

Week 49

- 706008 - READI-net
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office

Week 48

- 706008 - READI-net
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center

- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office

Week 47

- 706008 - READI-net
 - Checked out and prepared instrument copy 2
 - Discussions about puck revision
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
 - Lab straightening
 - Locating spare parts
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
 - Motor sizing research
- Out of Office

Week 46

- 706008 - READI-net
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office
 - Family leave

Week 45

- 706008 - READI-net
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office
 - Family leave

Week 44

- 706008 - READI-net
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office
 - Family leave

Week 43

- 706008 - READI-net
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office
 - Family leave

Week 42

- 706008 - READI-net
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office
 - Family leave

Week 41

- 706008 - READI-net
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead

- Out of Office
 - Family leave

Week 40

- 706008 - READI-net
 - Preparations for Omics meeting
- 708178 - Marine E Development NAV
 - Build of UofW plate
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
 - Preparations for Omic meeting
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
 - E-Tech hiring committee
- Out of Office
 - Family leave

Week 39

- 706008 - READI-net
- 708178 - Marine E Development NAV
 - Received plate and beginning to evaluate
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
 - Preparing for Sampling meeting on Oct 10-12
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
 - Interviews for E-Tech
- Out of Office
 - Family leave

Week 38

- 706008 - READI-net
- 708178 - Marine E Development NAV
 - Preparations for plate arrival
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
 - Preparations for Sampler demonstration
 - LysNGo elf build
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office

- Family leave

Week 37

- 706008 - READI-net
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office
 - Vacation Aug 28- sept 1

Week 36

- 706008 - READI-net
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office
 - Vacation Aug 28- sept 1

Week 35

- 706008 - READI-net
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office
 - Vacation Aug 28- sept 1

Week 34

- 706008 - READI-net
 - Mechanism familiarization and check out
 - Simple protocol work
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- 708178 - Marine E Development NAV
 - Requirements document
 - Preparations for integration testing

- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
 - Support of 2 and 3g instruments
 - Filtration data processing
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
 - E-tech hiring committee
- Out of Office
 - Vacation Aug 28- sept 1

Week 33

- 706008 - READI-net
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office
 - Vacation Aug 28- sept 1

Week 32

- 706008 - READI-net
 - Supporting development of firmware and testing
 - Meetings around website design
- 708178 - Marine E Development NAV
 - Preparing requirements document for battery system
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
 - Support of filtering tests
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
 - Conducted an experiment to determine just how capacitive the docking rod is. It does present a challenge to high speed communications.
- 902311 - Wire-Walker Power Generation
- Overhead
 - EE-tech hiring committee, process and review applicants
- Out of Office
 - Vacation Aug 28- sept 1

Week 31

- 706008 - READI-net
 - Received prototype copy 2 from contractor and begin check out
 - Built development environment

- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
 - Supported filtering experiment data collection
- 901405 - PowerBuoy Development
 - Prepared old bridge controller for shipment as a working model to UofW
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office
 - Vacation Aug 28- sept 1

Week 30

- 706008 - READI-net
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office
 - Vacation July 24-28
 - Vacation Aug 28- sept 1

Week 29

- 706008 - READI-net
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
 - Preparing for full up thermal chamber testing
- 901205 - ESP SURF Center
 - Preparing for filtering experiment
 - Developing filtering protocol
- 901405 - PowerBuoy Development
 - Meetings about battery system development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office
 - Vacation July 24-28
 - Vacation Aug 28- sept 1

Week 28

- 706008 - READI-net
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
 - Thermal testing setup

- 901205 - ESP SURF Center
 - Build up of filtering test equipment
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office
 - Vacation June 30-July 7
 - Vacation July 24-28

Week 27

- 706008 - READI-net
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office
 - Vacation June 30-July 7
 - Vacation July 24-28

Week 26

- 706008 - READI-net
 - Copy 1 updated
 - Working on turntable code. Found noise issue and fixed. Will need to be implemented in PCB
 - Clamp works with force sensor
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
 - Cooler is capable of maintaining front chamber temperature with a simulated SPR module loaded.
- 901205 - ESP SURF Center
 - General support of lab and upcoming deployments
- 901405 - PowerBuoy Development
 - Discussions about battery situation and funding
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
 - Fact finding around communications across dock. Need to try measuring using S21.
- 902311 - Wire-Walker Power Generation
- Overhead
 - Discussions about 2024 projects and budgets
- Out of Office
 - Vacation June 30-July 7
 - Vacation July 24-28

Week 25

- 706008 - READI-net

- Two copies of the wire-wrap prototype (wwp) have been fabricated and checked out. One copy has been delivered to the firmware developer.
- Using old code modified for the wwp, the clamp with its Force sensor has been enabled. Clamp is capable of moving between three positions: open, hold and close.
- Meetings about the filtering experiments
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
 - There seems to be enough insulation on the flower pot ESP container to allow the cooler to keep the front section cool in a 40C environment.
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
 - Looking into possible solutions to the communications road block.
 - High capacitance when the dock is in water causes a lack of communications
- 902311 - Wire-Walker Power Generation
- Overhead
 - python
- Out of Office
 - Vacation June 30-July 5
 - Vacation July 24-28

Week 24

- 706008 - READI-net
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office
 - Vacation June 30-July 5
 - Vacation July 24-28

Week 23

- 706008 - READI-net
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office
 - Vacation June 30-July 5
 - Vacation July 24-28

Week 22

- 706008 - READI-net
 - More attention (many meetings and discussions) to a possible off the shelf solution for control and communications.
 - Support getting hardware to consultant and hard parts checked out
 - Prepared pin assignments for the prototype to be reviewed
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
 - The electronics that need to be added to Seatrac have been checked out
 - Wiring for Honu fabricated and tested.
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office
 - Vacation June 30-July 5
 - Vacation July 24-28

Week 21

- 706008 - READI-net
 - A lot of investigation into the applicability of the Sutron Satlink3 product
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
 - Some effort in completing drawings for the installation of ESP into SeaTrac
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
 - Started assembling the next revision of the BMS prototype
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office
 - Vacation May 11-15
 - Vacation June 30-July 5
 - Vacation July 24-28

Week 20

- 706008 - READI-net
 - Reviewing Sampler electronics prototype for fabrication
- 708178 - Marine E Development NAV
 - Diagnosing full Docking Buoy communications setup
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
 - Recovered Clifton Forebay installation of instrument Waldo
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation

- Overhead
- Out of Office
 - Vacation May 11-15
 - Vacation June 30-July 5
 - Vacation July 24-28

Week 19

- 706008 - READI-net
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office
 - Vacation May 11-15
 - Vacation June 30-July 5
 - Vacation July 24-28

Week 18

- 706008 - READI-net
 - Testing of Flow Gauge
 -
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
 - Parts location for powering ESP components in SeaTrac
- 901205 - ESP SURF Center
 - Redeployment of ESP at Clifton Forebay
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office
 - Vacation May 11-15
 - Vacation June 30-July 5
 - Vacation July 24-28

Week 17

- 706008 - READI-net
 - Transfer mechanical design to ME
 - Defining firmware scope for outside contractor
 - Creating schematics for next electronics revision
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
 - Bring up of the TEC controller
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development

- Preparing next BSM prototype PCB for release to fabrication
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
 - E-tech position hiring committee
- Out of Office
 - Vacation May 11-15
 - Vacation June 30-July 5
 - Vacation July 24-28

Week 16

- 706008 - READI-net
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office

Week 15

- 706008 - READI-net
 - Making progress on a few fronts.
 - Puck blanks in and a few unload cycles indicate the volume is not that terrible!
 - Transferred clamp to complete design.
 - Progressed on documenting basic flow of instrument.
 - Located solenoid driver that might provide a nice complete solution.
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
 - Supported integration of ESP into SeaTrac
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
 - Working on BMS prototype. The chip talks!
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
 - More E-tech hiring
- Out of Office

Week 14

- 706008 - READI-net
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program

- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office
 - March 31 - April 6

Week 13

- 706008 - READI-net
 - Lots of progress on many fronts
 - New clamp design taking shape and nearing a build stage
 - Cylinder design is coming together
 - Fluid control with duck bill prototype is under testing and showing promise.
 - MoSCoW lists have been collated and sent to USGS
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
 - Wiring is beginning
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
 - First BMS prototype PCB has been sent out for fabrication
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
 - E-Tech interview candidate selection
- Out of Office
 - March 31 - April 6

Week 12

- 706008 - READI-net
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office

Week 11

- 706008 - READI-net
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office

Week 10

- 706008 - READI-net
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office

Week 9

- 706008 - READI-net
 - Lots of work and attention to getting the prototype demonstration device working. It worked!
 - Big national meeting yesterday was very insightful into project goals.
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
 - Current measurement error was located and fixed.
 - Battery ESR and Cell voltage can now be read.
 - Much struggles with trying to read back configuration data from the BMS parts.
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office

Week 8

- 706008 - READI-net
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
- Out of Office

Week 7

- 706008 - READI-net
 - Lots of work and adjusting to get the vacuum prototype functional. It now loads and samples.
- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program

- nanoFET continues to be noisy. Late last week an anomaly was discovered that looks like it answers the noise question.
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- Overhead
 - E-tech hiring
- Out of Office

Week 6

- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- DQ2210 - READI-net
- Overhead
- Out of Office

Week 5

- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
 - The SPR module is suffering from temperature wows. One inaccuracy has been traced to a wrong part installed. The temperature drift continues.
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- 901405 - PowerBuoy Development
 - An evaluation board for the BMS cell measurement has been received and understanding is beginning. It has rather poor documentation which is slowing the progress on communications.
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- DQ2210 - READI-net
 - The slide prototype is slowly progressing. The scale up from 25 to 47mm is causing some issues which might make it a dead end.
- Overhead
- Out of Office

Week 4

- 708178 - Marine E Development NAV
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
 - Found a possible solution to the battery BMS and have ordered development boards
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
 - Supporting James as he brings up the electronics.
- 902311 - Wire-Walker Power Generation
- DQ2210 - READI-net

- Making good progress on bringing up the 47mm mechanism. A few printing errors are needing to be fixed. Most axis work, move but position is a bit off.
- Overhead
 - Interviews and evaluation
- Out of Office

Week 3

- 708178 - Marine E Development NAV
 - Looks like a decent COTS part is a reality
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
 - Development continuing with a parallel COTS solution is being investigated.
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
 - Oversight of electrical build of Dock
- 902311 - Wire-Walker Power Generation
- DQ2210 - READI-net
 - Continued progress with the final assembly of the 47mm prototype.
- Overhead
 - E-Tech hiring committee
- Out of Office
 - 6 - 10 January, 2023 (got to get used to writing that)

Week 2

- 708178 - Marine E Development NAV
 - Motor spinning using encoder but encoder alignment is unresolved
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
- 902311 - Wire-Walker Power Generation
- DQ2210 - READI-net
 - Continued work detailing rotating arm for puck manipulation
- Overhead
- Out of Office
 - 6 - 10 January, 2023 (got to get used to writing that)

Week 1

- 708178 - Marine E Development NAV
 - The motor actually spins. After a few configuration changes and parameter updates it came down to another wire swap.
- 771131 - Great Lakes PCM/HAB
- 901205 - ESP SURF Center
 - Supporting build of the next portable.
- 901405 - PowerBuoy Development
- 901805 - Coastal Biogeochemical Sensing Program
- 902106 - Niobicon-Based AUV Docking Development
 - Monitoring of the electrical build of the next dock

- 902311 - Wire-Walker Power Generation
- DQ2210 - READI-net
 - Parts for the next build of the sampler have been fabricated and now assembly is starting.
- Overhead
- Out of Office
 - 6 - 10 January, 2023 (got to get used to writing that)