

Brent Jones

Week 53

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
- Out of Office

Week 52

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
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- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
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- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
- Out of Office

Week 51

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
 - Meeting

- Clustering workflow on a Mac
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
 - Deploy LRAUV Ahi
 - Bringing up new v2 ptvr board. Wrote drivers for I2C mux and I2C batt charger
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
 - Moving to bldg G
- Out of Office

Week 50

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
 - Getting clustering routines to work in newer Julia env
 - Spinning up Julia on a Mac
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
 - Bringing up planktivore V2 main boards
 - Firmware for I2C switch
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
- Out of Office

Week 49

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
 - Making mods to SIPPER drawings
 - Modifying existing SIPPER parts
- 901502 - Ocean Soundscape
 - Meetings going over Julia environment
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore

- Checking out new board build
 - I2C drivers for batt charger
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
 - Deployed and recovered CPF with multicam
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
- Out of Office

Week 48

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
- Out of Office

Week 47

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
- Out of Office

Week 46

- 701149 - Improving pCO₂ estimates

- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
 - Installed new nanobeacon mount on CPF
 - Installed and tested Apollo-X11 beacon on CPF
 - Successfully collected samples on new SIPPER/LRAUV
 - Ordering and manufacturing parts to convert old SIPPER to new style
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
 - Investigating ways to run SBE pump on Spray during a loiter
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
 - Ballasted CPF for carrying Fernanda's multi-CAM
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
- Out of Office

Week 45

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
- Out of Office
 - 2 sick days

Week 44

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore

- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
- Out of Office
 - 2 sick days

Week 43

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
- Out of Office
 - 2 sick days

Week 42

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
- Out of Office
 - 2 sick days

Week 41

- 701149 - Improving pCO₂ estimates

- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
 - Final button up of new SIPPER after minor repairs
- 901502 - Ocean Soundscape
 - Comparing reprocessed clicks to previous processing in 2021
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
- Out of Office
 - 2 sick days

Week 40

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
 - Diagnosed dead battery in Wire Walker Cervello
 - Cleaned up Wire Walker from last deployment
- 901502 - Ocean Soundscape
 - Comparing old Julia to new Julia on click detections
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
- Out of Office
 - 1 vacation day
 - 3 sick days

Week 39

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program

- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
- Out of Office
 - 1 sick day

Week 38

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
 - Prepped and deployed Ahi + ptvr for CANON
- 901112 - Monterey Bay Time Series
 - Diagnosing a moving Wire Walker!
 - Fixing water ingress in new Sampler. Required board rework
 - Refining software to better work with existing LRAUV sampling scheme
- 901502 - Ocean Soundscape
 - Meeting
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
 - Recovered Ahi+ptvr for test mission
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
- Out of Office
 - 1 sick day

Week 37

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
 - Assembling new NanoBeacon and XEOS beacon mounts on CPF
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
 - Helping diagnose errors in Spray CF card data
- 902004 - Planktivore
 - Prep, deploy, and fly ahi
- 902101 - LRAUV Technology Development

- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
- Out of Office
 - 1 sick day

Week 36

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
- Out of Office

Week 35

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
 - Designing bracketry to better mount Xeos ApolloX11 tracker and nanobeacon
 - Diagnosing battery charging error
- 901502 - Ocean Soundscape
 - Looks like difference in processing for Python and Julia lies not in the filters or Teager EO, but in the combination of impulses. Continuing to diagnose
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
- Out of Office

Week 34

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
 - Diagnosing CPF GPS and batt recharge failures. Determined Antenna MUX for GPS+Iridium not working. Still working on batt recharge
- 901502 - Ocean Soundscape
 - Python filter code producing different results than Julia filter. Investigating
- 901805 - Coastal Biogeochemical Sensing Program
 - Flying and recovering Spray 34 in support of Yui's experiment
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
 - Reconfiguring deployed M1 telemetry to report 1x/day. Trying to characterize energy usage
- Out of Office
 - 2 days sick

Week 33

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
 - Diagnosing GPS failure in CPF on last mission. Problem recreated, root cause not yet identified
- 901502 - Ocean Soundscape
 - Running click detection on a single month and comparing to Sam's click detection routines. Working on Python code optimization and tuning
- 901805 - Coastal Biogeochemical Sensing Program
 - Deployed and flying spray29 in support of Yui's experiment
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
- Out of Office

Week 32

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
 - Converting julia click detection to python. Measuring performance
- 901805 - Coastal Biogeochemical Sensing Program
 - Helping prep Spray34
- 902004 - Planktivore
 - Deploy, flew, recovered LRAUV Ahi
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
 - Analyzing returns from deployed M1 cell package
- Out of Office

Week 31

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
- Out of Office

Week 30

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
 - Deployed CPF sed trap 4x (!!!) over the past week in support of Durkin experiment. Drove Paragon numerous days in support of experiment
- 901009 - CANON
- 901112 - Monterey Bay Time Series

- Analyzing real time data for Wire Walker. Seeing if its sufficient for the science Yui and Francisco desire
- 901502 - Ocean Soundscape
 - Finishing conversion of click detection code from Julia to python
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
- Out of Office

Week 29

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
- Out of Office

Week 28

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
- Out of Office

Week 27

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
 - Wire walker final prep and deployment. Monitoring performance
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
 - Prepping CPF for next week deployment. Fixed a bad valve controller board
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
 - Cell package deployed on M1. Monitoring performance
- Out of Office

Week 26

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
- Out of Office

Week 25

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
 - Brought CPF out of storage and beginning check out for next deployment
- 901112 - Monterey Bay Time Series
 - New sipper assembled and awaiting test tank testing once Daphne gets back
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program

- Meeting with Kaya to go over WW deployment from Packard in 2025
- 902004 - Planktivore
 - Now sending housing pressure, temp, and humidity back onshore
 - Alerts issued if humidity is too high
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
- Overhead
- Out of Office

Week 24

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
 - Tuned EPOS4 in situ on SIPPER. Ready for final fill and test in water
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
 - Adding LCM publishers for pressure case engineering data
 - Helped debug crashing app on spurious serial input
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- 901700 - Acoustical Ocean Ecology
 - Drove Paragon in support of monthly survey
 - Drove Paragon for WG recovery
- Overhead
- Out of Office
 - Vacation

Week 23

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker

- Overhead
- Out of Office

Week 22

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- Overhead
- Out of Office

Week 21

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- Overhead
- Out of Office

Week 20

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
 - Upgraded RBR cervello and Maestro. Beginning assembly for testing in test tank
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
 - Flying SN34 in support
- 902004 - Planktivore
 - Flew Ahi

- Meetings
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- Overhead
 - Integrated BME280 PTH sensor in M1 cell telemetry package. Final assembly. Ready to be installed on M1 turnaround
- Out of Office

Week 19

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- Overhead
- Out of Office

Week 18

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
 - Acquired encoder for sipper H₂O pump
 - Writing code to have PIC24 process encoder info
 - Updated PIC24 pcb to use encoder
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
 - Flying spray 34
 - Swap sn29 mid section pcase
- 902004 - Planktivore
 - Deployed Ahi
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
 - Finished preliminary project update
- Overhead
- Out of Office

Week 17

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- Overhead
- Out of Office

Week 16

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- Overhead
- Out of Office

Week 15

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- Overhead
- Out of Office

Week 14

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- Overhead
- Out of Office

Week 13

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
 - Submitted new EPOS4 pcb to fab
 - Attempted swap of new 5G SIM card in WW modem failed. Diagnosing.
- 901502 - Ocean Soundscape
 - Recieved NOAA SEC exhibit system. Swapped out old RP3 for a new RP4. Documented Dave's wiring. Removed/upgraded other features
 - Went to SC NOAA SEC and installed/tested exhibit
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
 - Meetings. Hot wash of last week's I2MAP mission
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
 - Documenting calculations for ReGen, ball screw, and pressure case
 - Preparing for design review
- Overhead
- Out of Office

Week 12

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
 - Meeting to figure out how to clamp SnoCam to CPF
- 901009 - CANON
- 901112 - Monterey Bay Time Series

- Recieved new pcb for EPOS controller. Starting fab
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
 - Coordinating joint i2Map + ahi + planktivore deployment. Flying ahi
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
 - Completed theoretical columnar instability calcs for ball screw
 - Completed theoretical crush pressure for cylinder
 - Starting calcs for regen motor selection
- Overhead
- Out of Office
 - ½ day vacation

Week 11

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
 - EPOS pcb completed and sent for manufacture
 - Flying LRAUV Daphne
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
 - meetings
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
 - Initial ball screw design for piston was too small. Redoing with larger piston
- Overhead
- Out of Office

Week 10

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
 - Designing PIC24 interface card that uses new EPOS4 motor controller
- 901502 - Ocean Soundscape
 - Trip to SEC to improve MBARI exhibit
- 901805 - Coastal Biogeochemical Sensing Program
 - Helping Carbon lab recover CF2 programming ability after personnel departure

- 902004 - Planktivore
 - meeting
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
 - Finished preliminary drawings for piston cylinder
- Overhead
- Out of Office

Week 9

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
 - Pressure tested EPOS4 SIPPER controller
 - Begin PCB layout for EPOS4 controller
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
 - Continuing designing piston/cylinder
- Overhead
- Out of Office

Week 8

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- Overhead
- Out of Office

Week 7

- 701149 - Improving pCO₂ estimates

- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- Overhead
- Out of Office

Week 6

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- Overhead
- Out of Office

Week 5

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
 - Continuing to hack CAN bus and explore new Maxon EPOS4 controller
 - Updating SIPPER pic24 to work with Maxon EPOS4
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
 - Validating new NanoFET Spray software
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- Overhead
- Out of Office

Week 4

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
 - Overwatching SIPPER deployment on Daphne
- 901112 - Monterey Bay Time Series
 - Hacking CAN bus on new EPOS4 controller. Trying to fit stripped down C code into a PIC24
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
 - Looking at how to adapt Acusond+batt canister to Spray
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- Overhead
- Out of Office

Week 3

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- Overhead
- Out of Office
 - 3 days

Week 2

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development

- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- Overhead
- Out of Office
 - 3 days

Week 1

- 701149 - Improving pCO₂ estimates
- 701164.99 - SnoCam+ Build
- 901009 - CANON
- 901112 - Monterey Bay Time Series
 - Received Maxon EPOS4. Learning how to use it
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- 902311 - Power Generation Onboard Wire Walker
- Overhead
- Out of Office
 - 3 days