

Brent Jones

Week 52

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 901405 - Power Buoy
- Overhead
- Out of Office

Week 51

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 901405 - Power Buoy
- Overhead
- Out of Office

Week 50

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
 - Deploy and recover LRAUV
- 901502 - Ocean Soundscape
 - Create new VM with IS since gizmo can no longer run matlab R2022b needed for Triton processing
- 901805 - Coastal Biogeochemical Sensing Program
 - Completed pcb for n channel ISFET
 - Prepping all 4 nanofet v2 pcb for manuf
- 902004 - Planktivore
 - Investigating power consumption on Orin

- 902101 - LRAUV Technology Development
- 901405 - Power Buoy
- Overhead
 - Communications workshop
- Out of Office

Week 49

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 901405 - Power Buoy
- Overhead
- Out of Office

Week 48

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
 - meetings
- 901805 - Coastal Biogeochemical Sensing Program
 - Working on BOM for nanoFETv2.
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 901405 - Power Buoy
- Overhead
 - Remove fouling from WG Hansen
- Out of Office

Week 47

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
 - Deploy Spray for calcofi line
- 901502 - Ocean Soundscape
 - meetings
- 901805 - Coastal Biogeochemical Sensing Program
 - Design review for 3 board isolated nanofet

- Mechanical integration of LioneX
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 901405 - Power Buoy
- Overhead
 - Deploy Pontus
- Out of Office

Week 46

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
 - Deployed Daphne and WG
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
 - PCB design for 3 board nanoFET stackup
 - Mechanical design for nanoFET modular. Reducing overall size
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 901405 - Power Buoy
- Overhead
 - Staff party
- Out of Office

Week 45

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
 - Deploy WW. Diagnose telemetry issues
- 901805 - Coastal Biogeochemical Sensing Program
 - Add isolation to nanoFET2 miniature implementation
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 901405 - Power Buoy
- Overhead
- Out of Office

Week 44

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series

- Prep WW for deployment
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
 - Redesign glider nanoFET to include power isolation
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 901405 - Power Buoy
- Overhead
 - Trip to Mt Toro
- Out of Office

Week 43

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
 - Recovered Wire walker. Diagnosing bad pH sensor. Turn around for deployment
 - Integrating maxon epos4 into pic32
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 901405 - Power Buoy
- Overhead
 - Help recover piscovore LRAUV
- Out of Office

Week 42

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
 - Support for wire walker data ingestion
- 901112 - Monterey Bay Time Series
 - Continued porting of PIC24 code to PIC32 code
- 901502 - Ocean Soundscape
 - Wire walker recovered
 - Supporting transfer of Triton click detect software capability to collaborator
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 901405 - Power Buoy
- Overhead
 - Recovered LRAUV Makai
- Out of Office

Week 41

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 901405 - Power Buoy
- Overhead
- Out of Office
 - vacation

Week 40

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 901405 - Power Buoy
- Overhead
- Out of Office
 - vacation

Week 39

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 901405 - Power Buoy
- Overhead
- Out of Office
 - vacation

Week 38

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON

- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 901405 - Power Buoy
- Overhead
- Out of Office
 - vacation

Week 37

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
 - Finally got new SIPPER PIC32 to program. Found 2 floating processor inputs that caused ICSP programming to fail. Tied the lines and am now off porting PIC24 code to PIC32 code
- 901502 - Ocean Soundscape
 - Running Triton click detection on all of 2018. Taking forever!
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 901405 - Power Buoy
 - Drove paragon in support of power buoy dive ops
- Overhead
- Out of Office
 - vacation

Week 36

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- Overhead
- Out of Office

Week 35

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON

- 901112 - Monterey Bay Time Series
 - New PIC32 SIPPER boards are here. Getting started
- 901502 - Ocean Soundscape
 - Recovered failed wire walker. Diagnosed with leaking seacon bulkhead. Replaced, rebuilt, redeployed
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- Overhead
- Out of Office

Week 34

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- Overhead
- Out of Office

Week 33

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
 - Carson day
 - Diagnose SIPPER failure. Bad digital I/O on EPOS4 motor controller. Coded work around and tested in tank
- 901502 - Ocean Soundscape
 - Re running Triton software to detect clicks
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- Overhead
- Out of Office

Week 32

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
 - Finished design of new PIC32 PCB for SIPPER. Sent to manuf

- Diagnose pump failure in joint MBARI/SIO Spray 25
- 901502 - Ocean Soundscape
 - Initial port of MBARI HMB code to NVIDIA Orin
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
 - Pilot Ahi in support of I2MAP
- 902101 - LRAUV Technology Development
- Overhead
- Out of Office

Week 31

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
 - Diagnosing SIPPER failure from last MBTS run. Isolated to a fault in the new MAXON EPOS4 motor controller. Trying to figure out why, and how to prevent.
 - Upgrading SIPPER controller from PIC24 to PIC32. Requires new spin of PCB. Adding capability
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
 - Assisting in rebuild of Spray29 hydraulic system
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- Overhead
 - Drove 3 interns on Paragon to recover WG and deploy Triton LRAUV
- Out of Office

Week 30

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- Overhead
- Out of Office

Week 29

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series

- Continued integration of I2C diff P ducer in SIPPER
 - Diagnosing fouled Wire Walker sensors
- 901502 - Ocean Soundscape
 - Processing MARS hydroP for odontocete clicks using UCSD's Triton software
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- Overhead
- Out of Office

Week 28

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
 - Processing WW data
 - Beginning integration of differential P ducer in SIPPER
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
 - Prepped and deployed Ahi for I2MAP mission
- 902101 - LRAUV Technology Development
- Overhead
 - Helping with proposals
- Out of Office
 - sick

Week 27

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- Overhead
- Out of Office
 - Vacation

Week 26

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series

- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- Overhead
- Out of Office
 - Vacation

Week 25

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- Overhead
- Out of Office
 - Vacation

Week 24

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- Overhead
- Out of Office

Week 23

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- Overhead
- Out of Office

Week 22

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- Overhead
- Out of Office

Week 21

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- Overhead
- Out of Office

Week 20

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
 - Building up RaspberryPi zero and evaluating if it can replace SIPPER PIC24
- 901502 - Ocean Soundscape
 - Instituted real time data processing and plotting. Now served on gizo.mbari.org
 - meetings
- 901805 - Coastal Biogeochemical Sensing Program
 - Mechanical design of NanoFET v2
 - Spray code tweaks
- 902004 - Planktivore
 - meetings
- 902101 - LRAUV Technology Development
 - Recovered stuck LRAUV Galene
- Overhead
- Out of Office

Week 19

- 300079 - DMO Support - RV Rachel Carson

- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- Overhead
- Out of Office

Week 18

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- Overhead
- Out of Office

Week 17

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- Overhead
- Out of Office

Week 16

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
 - Final Wire Walker prep
- 901805 - Coastal Biogeochemical Sensing Program
 - Mechanical design for nanofet
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- Overhead

- Paragon training on new motors
- Email migration
- Out of Office

Week 15

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
 - Prepping Wire Walker for deployment next week
- 901805 - Coastal Biogeochemical Sensing Program
 - Working on mechanical design for NanoFET2
- 902004 - Planktivore
 - Prepped Ahi for MBTS run
- 902101 - LRAUV Technology Development
- Overhead
- Out of Office

Week 14

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- Overhead
- Out of Office
 - Dr appointments for injured hand

Week 13

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- Overhead
- Out of Office
 - Dr appointments for injured hand

Week 12

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
 - Investigating click duration calc from Sam's work
- 901805 - Coastal Biogeochemical Sensing Program
 - Laying out digital nanofet board
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- Overhead
- Out of Office
 - Dr appointments for injured hand

Week 11

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
 - Investigate umap clustering for clicks
 - meetings
- 901805 - Coastal Biogeochemical Sensing Program
 - Analog nonisonanofet pcb rough draft complete
 - Begin work on digital nonisonanofet pcb layout
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- Overhead
- Out of Office
 - Dr appointments for injured hand

Week 10

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
 - Split nanoFET pcb board into two (Analog and digital) to repackage in smaller housing
 - Circuit drawn up in KiCAD
 - Working on analog pcb layout in KiCAD
- 902004 - Planktivore
- 902101 - LRAUV Technology Development

- Overhead
- Out of Office
 - Dr appointments for injured hand

Week 9

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
 - Prelim prep of Wire Walker for Mar deployment
- 901805 - Coastal Biogeochemical Sensing Program
 - Flying Spray29 in support of Yui experiments
 - Moving noniso nFET from orcad to KiCAD so a different layout can take place
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- Overhead
- Out of Office
 - Dr appointments for injured hand

Week 8

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- Overhead
- Out of Office

Week 7

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- Overhead
- Out of Office

Week 6

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
 - Beginning turnaround of Wire Walker
- 901502 - Ocean Soundscape
 - Completed processing of all clicks
 - Generating stats on clicks detected
- 901805 - Coastal Biogeochemical Sensing Program
 - Meetings
 - Beginning to look at repackaging nanoFET
- 902004 - Planktivore
 - meeting
- 902101 - LRAUV Technology Development
- Overhead
 - Still outfitting new G120 lab
- Out of Office

Week 5

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
 - Spun up windows server and processed 2022. Working on 2023
 - meetings
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
 - Prepped, deployed, and flying ptvr ahi in support of I2MAP mission
- 902101 - LRAUV Technology Development
- Overhead
- Out of Office

Week 4

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
 - Spinning up code on a windows server
 - Click processing
- 901805 - Coastal Biogeochemical Sensing Program
 - Code updates to incorporate firmware versioning, seabird pump turn on at various times, etc

- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- Overhead
- Out of Office

Week 3

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
 - Beginning processing for 2022. Some problems associated with titan
- 901805 - Coastal Biogeochemical Sensing Program
 - Moving start of descent pH sampling to minimum 2m depth. Dont want to suck in surface junk
- 902004 - Planktivore
 - Troubleshooting BME 280 env sensor
- 902101 - LRAUV Technology Development
- Overhead
 - Moving into bldg G
- Out of Office

Week 2

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- Overhead
- Out of Office

Week 1

- 300079 - DMO Support - RV Rachel Carson
- 901009 - CANON
- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 901405 - Power Buoy
- Overhead

- Out of Office