

Brent Jones

Week 30

- 901112 - Monterey Bay Time Series
 - Added RTCC to SIPPER pic32 design
 - Added 500psi surface mount pressure sensor to pic32 SIPPER
 - Pic32 PCB board additions (see above)
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
 - Reviewing design for test fixture cap
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- Overhead
- Out of Office

Week 29

- 901112 - Monterey Bay Time Series
 - Working on integrating a RTCC in the SIPPER
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
 - Finished the alkalinity flowcell. Sent to manuf
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- Overhead
 - EE-tech interviews
- Out of Office

Week 28

- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- Overhead
- Out of Office

Week 27

- 901112 - Monterey Bay Time Series
 - SIPPER failed again. Traced to faulty Maxon EPOS4. Figuring out what to do
- 901502 - Ocean Soundscape
 - Wire Walker deployed
- 901805 - Coastal Biogeochemical Sensing Program
 - Update counter electrode design to add chamfer
 - Change alkalinity flowcell to accommodate Lionix
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- Overhead
- Out of Office

Week 26

- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- Overhead
- Out of Office

Week 25

- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- Overhead
- Out of Office

Week 24

- 901112 - Monterey Bay Time Series
 - Testing Claude's ability to code for the PIC32. Trying to wedge in an SD card
- 901502 - Ocean Soundscape
 - WW prep

- WW telemetry package not communicating with inductive modem.
Diagnosing
- 901805 - Coastal Biogeochemical Sensing Program
 - Diagnosing RS232 comms issue with new nanoFETv2
 - Stuffed and bringing up another nanoFETv2 elux package
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- Overhead
- Out of Office

Week 23

- 901112 - Monterey Bay Time Series
 - Diagnose SIPPER errors during Synchro mission
- 901502 - Ocean Soundscape
 - Wire walker prep. Swapping in 250m cable
- 901805 - Coastal Biogeochemical Sensing Program
 - Diagnosing COMMS error in new Nfet2 board stackup
- 902004 - Planktivore
 - meetings
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- Overhead
 - Resurrected M1 Sierra wireless for backup system if Starlink ever goes down. Beginning code interface with OASIS controllers
- Out of Office

Week 22

- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- Overhead
- Out of Office

Week 21

- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore

- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- Overhead
- Out of Office

Week 20

- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- Overhead
- Out of Office

Week 19

- 901112 - Monterey Bay Time Series
 - Replumbed and rebuilt sipper. Testing for MBTS run next week
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
 - Meeting
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
 - Deployed and recovered CPF + snocam
- Overhead
- Out of Office

Week 18

- 901112 - Monterey Bay Time Series
 - Rebuilding clogged SIPPER sampler
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
 - Diagnosing non verbal CF2 controller
- 902004 - Planktivore
 - mtgs
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
 - Prepping CPF for deployment
- Overhead
 - EE tech interviews
- Out of Office

Week 17

- 901112 - Monterey Bay Time Series
 - Coding alert system for power consumption on M1 in anticipation of installation of wave energy sensor
- 901502 - Ocean Soundscape
 - mtg
- 901805 - Coastal Biogeochemical Sensing Program
 - Received first mechanical pressure case parts. Initial build
- 902004 - Planktivore
 - mtg
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
 - Clean up after Packard cruise
- Overhead
 - Trip to Mt Toro to install new Viper radio power supplies.
- Out of Office

Week 16

- 901112 - Monterey Bay Time Series
 - Energy budget for M1 mooring
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
 - Emergency LRAUV recovery from Packard
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
 - Packard cruise
- Overhead
- Out of Office

Week 15

- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- Overhead
- Out of Office
 - 1 day vacation

Week 14

- 901112 - Monterey Bay Time Series
 - Diving into Oasis download software to better understand how viper radio data transfers work
 - Finished building switched power supply for Toro vipers. Ready to head up the mountain
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
 - Deployed Ahi
 - Debugging data download script
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
 - Prepped Sed Trap Benthos modem and deck box for upcoming cruise
- Overhead
- Out of Office
 - 1 day vacation

Week 13

- 901112 - Monterey Bay Time Series
 - Characterizing new power supplies for Viper radios at Mt Toro.
 - Building 1U power supply setup for Vipers
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
 - Recovered Ahi and downloaded data
 - Created and testing automated data download and mission prep script
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
 - Prepping Benthos modem for upcoming cruise
- Overhead
- Out of Office

Week 12

- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- Overhead
- Out of Office

Week 11

- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- Overhead
- Out of Office

Week 10

- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- Overhead
- Out of Office

Week 9

- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
 - Mechanical design of nanofet2
- 902004 - Planktivore
 - Recover LRAUV Ahi
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- Overhead
 - Install Starlink on Mt Toro
- Out of Office

Week 8

- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- Overhead
- Out of Office

Week 7

- 901112 - Monterey Bay Time Series
 - Deploy LRAUV Daphne in support of MBTS
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
 - Bringing up NanoFET2 Durafet board. Wiring, etc
 - Replace bad OSC on NanoFET2 digital board and now we are cooking with gas
- 902004 - Planktivore
 - Deploy LRAUV Ahi
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- Overhead
 - Getting Mt Toro Starlink mounts made
- Out of Office

Week 6

- 901112 - Monterey Bay Time Series
 - Prep and deploy first ever Spray2 from MBARI
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
 - Bringing up nanoFET2 pcb's
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- Overhead
- Out of Office

Week 5

- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- Overhead
- Out of Office

Week 4

- 901112 - Monterey Bay Time Series
 - Investigating why SPI is not working on new PIC32 design
- 901502 - Ocean Soundscape

- Recover, clean, de mob wire walker
 - Wire Walker data retrieval
- 901805 - Coastal Biogeochemical Sensing Program
 - Stuffing NanoFETv2 batt and digital board
 - Cable drawings for NanoFETv2
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- Overhead
- Out of Office

Week 3

- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- Overhead
- Out of Office

Week 2

- 901112 - Monterey Bay Time Series
- 901502 - Ocean Soundscape
- 901805 - Coastal Biogeochemical Sensing Program
- 902004 - Planktivore
- 902101 - LRAUV Technology Development
- 902111 - Carbon Flux Ecology
- Overhead
- Out of Office