

901112 - Monterey Bay Time Series

Week 49

1. Brent Jones
 - a. Flew Daphne in support of MBTS runs
 - b. Fixing minor code in CPF that allows bad GPS times to propagate to CPU system clock

Week 44

1. Tom O'Reilly
 - a. Worked with McLane labs and collaborator UCSC collaborator Patrick Daniel to remotely troubleshoot and restore functionality of IFCB microscope deployed on power buoy in Monterey Bay.

Week 40

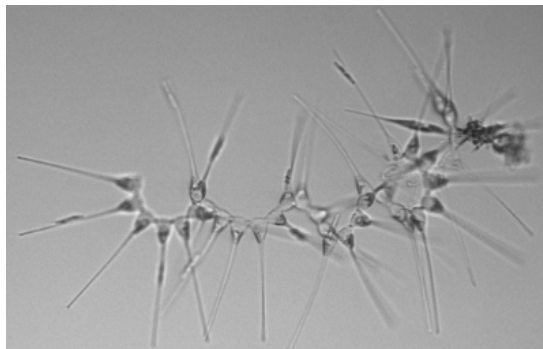
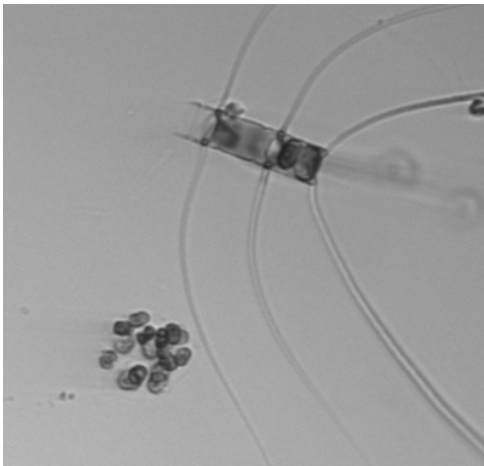
1. Brent Jones
 - a. Prepped, deployed, flew, and recovered Daphne

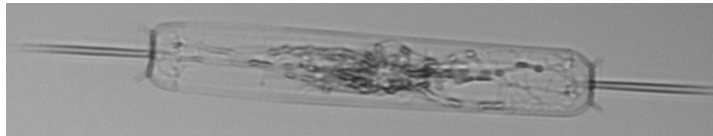
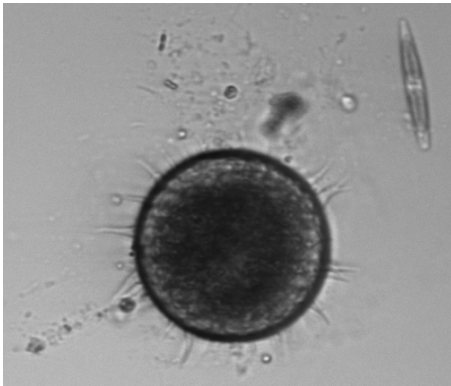
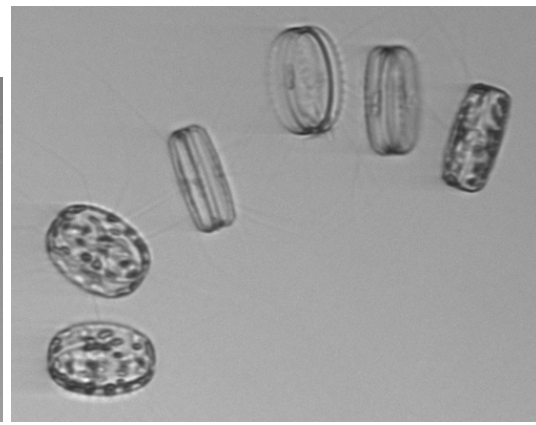
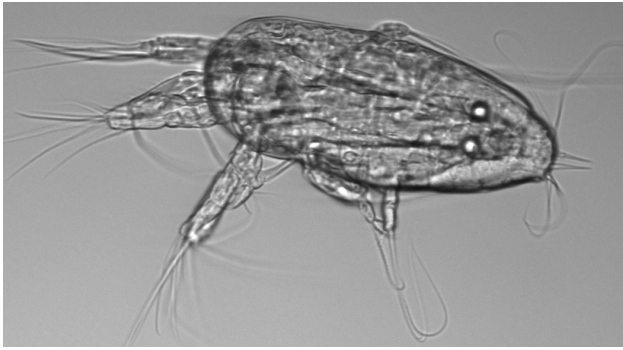
Week 39

1. Brent Jones
 - a. Recovered and diagnosed Wire Walker telemetry system. Found leak
 - b. Monitoring and processing data from deployed wire walker

Week 34

1. Tom O'Reilly
 - a. Successfully deployed Imaging Flow Cytobot (IFCB) on wave energy buoy on August 20, telemetry now being received on shore. Excellent image quality, can be viewed at the [IFCB dashboard](#).
 - b. Worked with team to more effectively utilize buoy cell modem connection for IFCB telemetry retrieval.
 - c. Brief selection of images





Week 32

1. Brent Jones
 - a. Recovered Daphne with all SIPPER samples. Had to troubleshoot new software involved in buoyancy depth holding
 - b. Designed Wire Walker XEOS beacon bracket
 - c. Testing new batteries for Wire Walker Cervelo. Murphy's engineering law #1 held true and the batteries were wired with reverse polarity from Manuf.
2. Tom O'Reilly
 - a. Prepared and held Imaging Flow Cytobot (IFCB) readiness review in preparation for upcoming IFCB integration and deployment on MBARI's power buoy.

Week 31

1. Brent Jones
 - a. Prepped, deployed, and am flying LRAUV Daphne in support of MBTS run

Week 28

1. Brent Jones
 - a. Proposals

Week 25

1. Brent Jones
 - a. SIPPER parts received. Inspected. Updating documentation and prepping for build

Week 22

1. Tom O'Reilly
 - a. Conducted tests of IFCB microscope integrated with Power Buoy onboard network and cell modem

- b. Testing IFCB operation and calibration procedures

Week 21

- 1. Brent Jones
 - a. Continued data processing from Wire Walker deployment

Week 19

- 1. Tom O'Reilly
 - a. Testing, learning, and evaluating the McLane imaging flow cytobot (IFCB) Linux software in the lab. Until recently IFCB ran Windows 10, however McLane intends to replace Windows with Linux, and has released a beta version which we are evaluating. The Linux GUI is better organized, more responsive and seems more robust than Windows so far. Based on this evaluation we may run the Linux version when IFCB is deployed on Power Buoy or M1 mooring.

Week 18

- 1. Brent Jones
 - a. CANON/ECOHAB data processing
- 2. Tom O'Reilly
 - a. Participated in Imaging Flow Cytobot (IFCB) operations training with McLane engineers
 - b. Met with project team, Hamilton and Cazenave to discuss potential IFCB integration with power buoy

Week 10

- 1. Brent Jones
 - a. Continued design of WW C1 mooring.

Week 7

- 1. Brent Jones
 - a. Deployed and flew two LRAUV's. As of this writing Daphne should have onboard SIPPER samples that need processing

Week 6

- 1. Brent Jones
 - a. Deployed and am standing watch for Daphne and Pontus. Deployed WG Tiny