

901112 - Change in MB & CA Current

Week 51

1. Brent Jones
 - a. Trying to find a place to manufacture 3 SIPPERS. Our collaborators in SD might be able to do it

Week 50

1. Brent Jones
 - a. Flying and recovered LRAUV daphne in support of monthly MBTS
 - b. Still futzing around with formatting CPF data for ODSS ingestion

Week 49

1. Brent Jones
 - a. Helping prep then driving Daphne LRAUV in support of MBTS mission

Week 48

1. Brent Jones
 - a. Moving CPF data processing to Jupyter notebook

Week 47

1. Brent Jones
 - a. Continuing to refine CPF netcdf file production for loading data into stoqs.
 - b. Flew and recovered two LRAUV's in support of monthly MBTS run. Collected CANON sampler samples on MBTS run.

Week 46

1. Brent Jones
 - a. Flying LRAUV's in support of monthly MBTS run
 - b. Refactoring CPF netcdf file generation to properly interface with CF compliant software. Time problems with last CANON deployment are requiring hand editing of data!

Week 44

1. Brent Jones
 - a. Spending time creating an automated stoqs loader for CPF data. Refactoring CPF code to take scientific data while parked at pressure or on the bottom

Week 43

1. Brent Jones
 - a. Flying two gliders in support of CANON
 - b. Deployed and recovered two sediment trap CPF's for CANON
 - c. Processing data for CANON CPF's
 - d. Diagnosing timing error in one of the CPF's
 - e. Recovered two LRAUV's and post processed CANON SAMPLER samples

Week 42

1. Brent Jones
 - a. Prepped, deployed, recovered, re-deployed CPF's in support of CANON

Week 40

1. Brent Jones
 - a. Tore down both CPF's for inspection before CANON and battery pack diagnosis
 - b. Working with Del Mar Oceanographic on the purchase of a wire walker
 - c. Daphne was deployed and collected water samples for shipless MBTS run

Week 39

1. Brent Jones
 - a. Diagnosing CPF battery failures. Tear down 1 instrument for inspection and battery replacement

Week 38

1. Brent Jones
 - a. Diagnosing bad battery packs in the CPF during CANON deployment. Also updating energy use models

Week 36

1. Brent Jones
 - a. Flew Daphne in support of mbts run. Collected 15 seawater samples with the SIPPER

Week 34

1. Brent Jones
 - a. Diagnosing CPF failure during CANON. Is definitely a software issue!

Week 33

1. Brent Jones
 - a. Hotwash of CPF performance during CANON. Locating bugs, assessing performance, processing data, etc

Week 31

1. Brent Jones
 - a. Prepped and deployed 2 Sediment Trap equipped CPF's. Recovered both CPF's, one normally, and one emergency recovery with the Blue Robotics ROV. Spent time with logistics for emergency recovery. Also went over CPF code looking for possible reasons why CPF never came to surface.
 - b. Supported CANON activities including LRAUV watch

Week 28

1. Brent Jones
 - a. Beginning prep on CPF's for upcoming CANON deployment

Week 25

1. Brent Jones

- a. Reassembled CANON sampler with new top cap. Tested and installed on Daphne. Flew Daphne over the weekend and into the week. Coordinated sampling with the Carson on Tues morning

Week 24

1. Brent Jones
 - a. Prep CANON sampler for Daphne deployment. Help stand watch for LRAUV Brizo. Recover and disassemble two SIO spray gliders

Week 23

1. Brent Jones
 - a. Recover two spray gliders on paragon

Week 22

1. Brent Jones
 - a. Beginning write up of canon sampler

Week 21

1. Brent Jones
 - a. Lab meetings have commenced

Week 9

1. Brent Jones
 - a. Begin preparation for CPF deployment. They havent been used in over a year so tank tests are in order this week

Week 8

1. Brent Jones
 - a. lab mtg

Week 6

1. Brent Jones
 - a. Prepped/Deployed/Flew/Recovered Daphne LRAUV in support of monthly MBTS run. Simulated and deployed new dedicated MBTS LRAUV mission.