901112 - Monterey Bay Time Series

Week 50

1. Brent Jones
    a. Deploy and recover LRAUV

Week 47

1. Brent Jones
    a. Deploy Spray for calcofi line

Week 46

1. Brent Jones
    a. Deployed Daphne and WG

Week 44

1. Brent Jones
    a. Prep WW for deployment

Week 43

1. Brent Jones
    a. Recovered Wire walker. Diagnosing bad pH sensor. Turn around for deployment
    b. Integrating maxon epos4 into pic32

Week 42

1. Brent Jones
    a. Continued porting of PIC24 code to PIC32 code
2. Denis Klimov
    a. The Power Buoy/ IFCB is scheduled to be recovered this week; both successfully performed for CANON, but lately had been on a last leg due to the comms failure to the heave plate.

Week 37

1. Brent Jones
    a. 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

Week 35

1. Brent Jones
    a. New PIC32 SIPPER boards are here. Getting started

Week 33

1. Brent Jones
    a. Carson day
    b. Diagnose SIPPER failure. Bad digital I/O on EPOS4 motor controller. Coded work around and tested in tank

Week 32

1. Brent Jones
    a. Finished design of new PIC32 PCB for SIPPER. Sent to manuf
    b. Diagnose pump failure in joint MBARI/SIO Spray 25

Week 31

1. Brent Jones
    a. 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.
    b. Upgrading SIPPER controller from PIC24 to PIC32. Requires new spin of PCB. Adding capability

Week 29

1. Brent Jones
    a. Continued integration of I2C diff P ducer in SIPPER
    b. Diagnosing fouled Wire Walker sensors

Week 28

1. Brent Jones
    a. Processing WW data
    b. Beginning integration of differential P ducer in SIPPER

Week 20

1. Brent Jones
    a. Building up RaspberryPi zero and evaluating if it can replace SIPPER PIC24

Week 6

1. Brent Jones
    a. Beginning turnaround of Wire Walker