

901221 - Midwater Time Series

Week 49

1. Mike McCann
 - a. Upgrading auv-python to use python 3.11 and getting wrapped around the axel by poetry

Week 46

1. Mike McCann
 - a. Added

Week 45

1. Brian Schlining
 - a. Set up merge between i2MAP annotations and the processed netcdf nav/ctd data files to occur every morning at 6AM.

Week 44

1. Brian Schlining
 - a. Generated transect volume reports for all midwater transect dives
 - b. Chatted with Mike McCann about [accessing processed i2MAP data](#). Starting work on merging that AUV data with VARS annotations.

Week 39

1. Mike McCann
 - a. Added navigation_mWaterSpeed and tailcone_propRpm variables to stoqs_all_i2map
 - b. Fine tuning netCDF metadata (variable comments) produced by the auv-python software

Week 38

1. Mike McCann
 - a. Confirmed that i2map automated processing into [stoqs_all_i2map](#) works upon copy to M3

Week 37

1. Mike McCann
 - a. Got dockerized auv-python to work and deployed it on kraken
 - b. Moved auv-python to a private repo on GitHub so that it can use Actions
 - c. Testing automated processing of i2map vehicle data upon copy of log files to the M3 share

Week 35

1. Mike McCann
 - a. Working on dockerizing auv-python for deployment on MBARI server
 - b. Got distracted when found a url shortening Django project that uses Poetry

Week 34

1. Mike McCann

- a. Writing code in auv-python to routinely process new i2MAP mission data

Week 25

1. Mike McCann
 - a. Met with Rob to discuss this year's progress and next year's proposal needs

Week 24

1. Mike McCann
 - a. Will be meeting with Rob about next steps with i2map CTD data
 - b. Sent Brian reference to auv-python generated netCDF files

Week 23

1. Mike McCann
 - a. Validating dissolved oxygen computations by writing unit tests in auv-python

Week 22

1. Mike McCann
 - a. Checking with Rob on the proper oxygen calibrations to use for i2map data

Week 20

1. Mike McCann
 - a. Testing auv-python workflow by processing entire i2map archive through to a STOQS db
 - b. Fixed issue with calibrating i2map seabird25p temperature and conductivity – there are two sets of calibration coefficients! Not one set as in Dorado Gulper.
 - c. Starting on computing salinity and processing dissolvedO2

Week 19

1. Mike McCann
 - a. Testing processing through to copying resampled netCDF files to the AUVCTD share
 - b. Met with Rob to discuss validating the i2map data processing products

Week 18

1. Mike McCann
 - a. Picking up the auv-python project and getting reacquainted with Poetry inside VS Code
 - b. Planning to process i2Map logs and put corresponding netCDF files back onto the M3 share

Week 11

1. Brian Schlining
 - a. Generated O2 profiles for all midwater transect dives

Week 6

1. Brian Schlining
 - a. Investigated/resolved data issues with transect volume estimates.
 - b. Updated camera parameter history for the ROVs in the transect database.