

901111 - AUV Infrastructure Supprt

Week 49

1. Mike McCann
 - a. Added Dorado's new PAR sensor data to Gulper ODV and netCDF files
 - b. Processed Dorado mission 2020.335.00

Week 48

1. Mike McCann
 - a. Processed Dorado mission 2020.323.01
 - b. Added PAR sensor data to the routine legacy data processing to ODV files for Margeurite
 - c. Updated Dorado AUV routine data processing email to contain:
 - i. A remark about relevant details about the mission
 - ii. A link to a 3D visualization of the survey from stoqs_all_dorado

Week 46

1. Mike McCann
 - a. Processed Dorado missions 2020.308.01 and 2020.314.01

Week 44

1. Mike McCann
 - a. Processed mission 2020.301.03

Week 42

1. Mike McCann
 - a. Processed Dorado missions 2020.282.01 and 2020.286.00

Week 41

1. Mike McCann
 - a. Finally fixed pytest running in Pipelines – this I learned: MacOS file systems are case insensitive when accessing files, Linux file systems are not (spent a day chasing this).

Week 40

1. Mike McCann
 - a. With Brian's help configured auv-rawdata-server on public server stoqs.mbari.org
 - b. Running Bitbucket Pipeline CI in auv-python using the public auv-rawdata-server

Week 38

1. Mike McCann
 - a. Writing HS2 processing in the auv-python project
 - b. Writing unit tests for the auv-python data processing functions
 - c. Trying to speed up progress so that I can implement PAR and Ecopuck processing in auv-python rather than in the Matlab code base

Week 37

1. Mike McCann
 - a. Looking at writing processing for the PAR sensor on CTD2 on Dorado
 - b. Looking at writing processing for the new eco puck (FLBB CD2K) instrument on Dorado

Week 36

1. Mike McCann
 - a. Attempted to track down missing sensor data for the last 4 Gulpers on 2016.307.00
 - b. Wrote script to correct system clock for 2017.284.00 to create 2020.297.00
 - c. Processed missions 2020.245.00 and 2020.246.01 separately in order to properly match up data to the Gulper firings
 - d. Looking at writing processing for new PAR sensor on CTD2 and new ecopuck instrument

Week 34

1. Mike McCann
 - a. Processed data for mission 2020.231.01

Week 33

1. Mike McCann
 - a. Processed Dorado mission 220.218.03

Week 31

1. Mike McCann
 - a. Conferred with Hans on “creating” Navigation data from Dorado run

Week 25

1. Mike McCann
 - a. Still trying to figure out binary format for SBDs from new Warrior Iridium beacons
 - b. Improved UI operation for 3D rendering of points, lines, and polygons in STOQS

Week 24

1. Mike McCann
 - a. Added platform name to Activity name to improve UI mouse over experience
 - b. Simplifying the LRAUV data processing cron jobs with --current_month option
 - c. Working with Hans on parsing data from a new Iridium beacon

Week 22

1. Mike McCann
 - a. Reloaded the [stoqs_mbts](#) database to pick up missing Sipper samples

Week 21

1. Mike McCann
 - a. Exploring why [MBTS](#) missions after Jan 2018 don't have Sipper samples

Week 18

1. Mike McCann
 - a. Going all in on learning to use VS Code – using it on the auv-python project

Week 17

1. Mike McCann
 - a. With Karen's help migrated auv_ctd CVS repo from moonjelly to an MBARI [bibucket git repo](#)
 - b. Working on calibrate.py in the AUV Support auv-python project for i2MAP data
 - c. Fiddled more with the quick look plot Jupyter Notebook in the auv-python project

Week 16

1. Mike McCann
 - a. Still trying to get access to i2MAP log files
 - b. Outlined a plan for the next steps in the Python-based AUV data processing pipeline

Week 14

1. Mike McCann
 - a. Started [auv-python repo in BitBucket](#) and started an Issue to discuss my proposal

Week 13

1. Mike McCann
 - a. Participated in i2map sensor data processing meeting held by Rob S on Zoom

Week 11

1. Mike McCann
 - a. At Rob Sherlock's request am looking at using Gulper workflow for i2map data

Week 6

1. Mike McCann
 - a. Processed survey Dorado389_2020_035_00_035_00