

Mike McCann

Week 52

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
 - Trying to get hyrax-docker to follow symbolic links on elvis
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
 - Adding processing of raw biolume data to auv-python
 - Exploring biolume data with datashader/bokeh in Jupyter Notebooks
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Examined some rovctdo data processing issues for Expd
- Out of Office
 - Dec 19, 21, 23 Vacation

Week 51

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

Week 50

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
 - Processed and added skipped over triton log file to [stogs_greatlakes2022](#)
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
 - Reloaded [stogs_mb_diamonds](#) with ecopuck data, spent some time comparing with hs2

- Reviewing Monique's proxy computation code to plan for incorporation into auv-python
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Helping video lab figure out why CTD data for d1449 isn't loading
 - For next year's ROV Nav editing work wrote program to generate ROV nav files by dive
 - Conferring with Matt & Peter on calendar changes needed for the R/V *David Packard*
- Out of Office

Week 49

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
 - Creating stoqs_greatlakes2022 database for last summer's LRAUV ESP missions there
 - Changed STOQS Sipper parsing code to use the syslog files instead of tethysdash in order to pick up the missing daphne Sippers that Marguerite identified
- 901221 - Midwater Time Series
 - Upgrading auv-python to use python 3.11 and getting wrapped around the axel by poetry
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
 - Writing Dorado science data processing for the ecopuck instrument
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Fixed EMDB to use nginx log file serving instead of the AWS it inherited from SMDB
- Out of Office

Week 48

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
 - Reprocessed Dorado diamond survey data with correct sensor offsets for pitch correction
 - Loading a parallel stoqs_mb_diamonds_t database to evaluate improvement in section plots
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Dusting off EMDB code to fix some bugs in preparation for ROV nav editing contract work
- Out of Office

Week 47

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON

- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - 11/21-11/23: Vacation

Week 46

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
 - Added
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
 - Fine-tuned loading of [stogs_mb_diamonds](#) based on title metadata
 - Per Rob's request added seabird25p_beam_transmittance processing to i2map pipeline
 - Took measurements of nose cone sensor offsets from tail cone pressure sensor and will be adding them to the processing to see how that improves quality
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Met with Video Lab folks to explore ways to fix problems with Expd's annotations web page
 - Failing to complete my work on new web site M1 data pages
- Out of Office
 - 11/21-11/23: Vacation

Week 45

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
 - Transferred Matlab Dorado Science Data Processing comment to auv-python and seeing that this metadata is written to the netCDF files and is presented in the STOQS UI
 - Examining geometric depth correction due to pitch and its effect on our salinity section plots
 - Testing auv-python reprocessing of archive with
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

- 11/21-11/23: Vacation

Week 44

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
 - Added QC metadata notes for all Diamon missions
 - Using that metadata to load stoqs_mb_diamonds database
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Met with Brian to show where processed i2map data is and to talk about ROV Nav editing
- Out of Office
 - Shifting work schedule to remotely attend the Web 3D Conference in Paris

Week 43

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
 - Good news: Can reprocess entire Dorado archive in a weekend with auv-python
 - Not so good news: There are several *ad hoc* Matlab code QC fixes I need to generalize
 - I now have a long TODO list now following meeting with Monique
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Helped diagnose problem (wedged draco) with data loads into the Expedition Database
 - Will be meeting with Linda and Lonny to go over using emdb to help with ROV nav QC
- Out of Office

Week 42

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
 - Loaded [stoqs_canon_october2022](#) and confirmed that all 55 field ESP Samples were parsed
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
 - Processed Dorado Gulper missions 2022.284.00 and 2022.286.01
 - Used Scaniverse app to create a better 3D model (.glb) of the Dorado vehicle for STOQS
- 901221 - Midwater Time Series
- 901602 - Data TAG

- 901910 - Plankton Taxonomic Groups from AUVs
 - Fixed more qc issues and now processing Dorado missions from 2017 using auv-python
 - Will be meeting with Monique on Thursday
- 901915 - Improving the Impact of MBARI's Data
 - Met with Fred to understand better how CeNCOOS is presenting our mooring data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Registered for 2022 Web 3D Conference (virtual attendance - Paris time :-())
- Out of Office

Week 41

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
 - Beginning to write loader for stoqs_canon_october2010
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
 - Processed dorado mission 2022.284.00
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
 - In year 2010 with the reprocessing of Dorado data archive with the auv-python software
 - Finding more unique Dorado log data problems that require more QC steps in auv-python
 - Comparing auv-python generated data against Matlab processed data in stoqs_auv_compare
- 901915 - Improving the Impact of MBARI's Data
 - Started on Mooring data page
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

Week 40

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
 - Migrating LOPC processing into auv-python
 - Comparing Dorado legacy processing with auv-python processing in [stoqs_auv_compare](#)
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Letter of support for STOQS use a BEDS-style terrestrial application
- Out of Office

Week 39

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC

- Cleaned up SSDS processing files to get SWR aggregation working again (Kevin helped too)
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
 - Added navigation_mWaterSpeed and tailcone_propRpm variables to stoqs_all_i2map
 - Fine tuning netCDF metadata (variable comments) produced by the auv-python software
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
 - Peter helped by adding 100 GB to kraken's root to support batch processing there
 - Submitted IS help ticket to upgrade Hyrax on elvis
- 901915 - Improving the Impact of MBARI's Data
 - Begun editing of the M1 data page
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - Sick day taken on Monday following vaccine booster shots over the weekend

Week 38

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Met with Karen to discuss the filtering of responses in SMDB's backend
- 901111 - AUV Infrastructure Support
 - Accommodating latitude and longitude name changes in Dorado's navigation.log file
 - Fixing STOQS parsing to get all 14 ESP samples from Brizo's Lake Michigan deployment
- 901221 - Midwater Time Series
 - Confirmed that i2map automated processing into [stoqs_all_i2map](#) works upon copy to M3
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
 - Testing the process_dorado.py script in auv-python for entire reprocessing of the archive
- 901915 - Improving the Impact of MBARI's Data
 - Migrated the OA1 Data page to the new web site – my first edits using new template
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

Week 37

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
 - Debugged reason for Dorado processing not being able to read SWR data from M1
- 901009 - CANON
 - Rolled out shortened URL database app for STOQS "Share this view" feature
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
 - Got dockerized auv-python to work and deployed it on kraken
 - Moved auv-python to a private repo on GitHub so that it can use Actions
 - Testing automated processing of i2map vehicle data upon copy of log files to the M3 share

- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Helped Neil clean up old/unused .wrl (VRML 97) files from the 3DReplay share
- Out of Office

Week 36

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

Week 35

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
 - Trying to add a url shortening service to STOQS for better "Share this view" urls
- 901101 - Seafloor Mapping
 - Deployed Karen's improvements for track line display on Google base map
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
 - Working on dockerizing auv-python for deployment on MBARI server
 - Got distracted when found a url shortening Django project that uses Poetry
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

Week 34

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Merged changes to improve basemaps and filtered table & map data views in smdb
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
 - Writing code in auv-python to routinely process new i2MAP mission data
- 901602 - Data TAG

- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Investigated fixes for truncated camera log data for V999 from 1995
 - AWS day: Sagemaker, Robomaker, Python & CLI
 - Trying to figure out bitbucket-pipelines to use docker-compose for emdb
- Out of Office

Week 33

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Upgraded to Django 4
 - Added maps of the Missions to the Compilation, Expedition, and Mission data views
 - Provided more controls for pagination in these views
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - Aug 18-19: Vacation days for CSUMB teaching prep

Week 32

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
 - Checked that currently deployed LRAUV data is flowing into STOQS on tethysviz
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
 - Casted MBARI's vote for ESIP's endorsement of Science-on-Schema.org Guidelines
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Added rudimentary functional tests to help me remember what [expd_mapping](#) does
 - Making sure that Mini ROV navfile metadata is getting properly loaded into emdb
 - Intern symposium
- Out of Office
 - Aug 12, 18-19: Vacation days for CSUMB teaching prep

Week 31

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC

- 901009 - CANON
 - Fixed STOQS functional tests and brought all STOQS modules up to date
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Plowed through a month's worth of email that accumulated during vacation
 - Scoping meeting for Core ROV Nav project and use of <https://emdb.mbari.org>
- Out of Office

Week 30

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - 27 June - 18 July: Vacation
 - 19-22 July: ESIP Summer Meeting, Pittsburg, PA
 - 25-29 July: Vacation

Week 29

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
 - Attending ESIP Summer Meeting in Pittsburg, PA
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - 27 June - 18 July: Vacation
 - 19-22 July: ESIP Summer Meeting, Pittsburg, PA
 - 25-29 July: Vacation

Week 28

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - 27 June - 18 July: Vacation
 - 19-22 July: ESIP Summer Meeting, Pittsburg, PA
 - 25-29 July: Vacation

Week 27

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - 27 June - 18 July: Vacation
 - 19-22 July: ESIP Summer Meeting, Pittsburg, PA
 - 25-29 July: Vacation

Week 26

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - 27 June - 18 July: Vacation
 - 19-22 July: ESIP Summer Meeting, Pittsburg, PA
 - 25-29 July: Vacation

Week 25

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
 - Made video of LRAUV sampling and posted to sb_ecohab_2022 Slack channel
- 901101 - Seafloor Mapping
 - Gave Jenny feedback via GitHub Issues for use in the 2023 proposal
 - [Implementing Selenium testing](#) – having frustrations making it work in Github Actions
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
 - Met with Rob to discuss this year's progress and next year's proposal needs
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
 - Identified problem with Gulper metadata in STOQS – it needs better than minute temporal precision that is provided from the ODV formatted files
- 901915 - Improving the Impact of MBARI's Data
 - Provided some paragraphs for Kevin to use
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Github Copilot stopped working and paid the \$100 annual fee – it's quite the crutch now!
- Out of Office
 - 27 June - 18 July: Vacation
 - 19-22 July: ESIP Summer Meeting, Pittsburg, PA
 - 25-29 July: Vacation

Week 24

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
 - With brizo's recovery [stoqs_ecohab_may2022](#) is being reloaded
- 901101 - Seafloor Mapping
 - Started on writing UI functionality testing using Selenium
 - Examining Jenny's suggestions for identifying failed missions
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
 - Will be meeting with Rob about next steps with i2map CTD data
 - Sent Brian reference to auv-python generated netCDF files
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Working with Lonny on nightly edited ROV Nav data flow through expd and emdb
- Out of Office
 - 27 June - 20 July: Vacation
 - 19-22 July: ESIP Summer Meeting, Pittsburg, PA
 - 25-29 July: Vacation

Week 23

- 200103 - Core CTD Data - MDUC

- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
 - Watching for delayed mode LRAUV data to load into [stogs_echohab_may2022](#)
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
 - Processed Dorado Gulper mission 2022.158.00
- 901221 - Midwater Time Series
 - Validating dissolved oxygen computations by writing unit tests in auv-python
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Still working with Peter on a git/ssh solution for ssdsadmin on host elvis
- Out of Office
 - 27 June - 29 July: Vacation

Week 22

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Fixing the Continuous Integration that broke with a couple of underlying module updates
 - Evaluating Jenny & Karen's pull requests
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
 - Checking with Rob on the proper oxygen calibrations to use for i2map data
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - 23-31 May: Sick leave
 - 27 June - 29 July: Vacation

Week 21

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - 27 June - 29 July: Vacation

Week 20

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
 - Testing auv-python workflow by processing entire i2map archive through to a STOQS db
 - Fixed issue with calibrating i2map seabird25p temperature and conductivity – there are two sets of calibration coefficients! Not one set as in Dorado Gulper.
 - Starting on computing salinity and processing dissolvedO2
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Getting Peter's help to fix git/ssh key problem for ssdsadmin on elvis
- Out of Office
 - 27 June - 29 July: Vacation

Week 19

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
 - Testing processing through to copying resampled netCDF files to the AUVCTD share
 - Met with Rob to discuss validating the i2map data processing products
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Found the cause of excessive disk usage on emdb, will share the story at next group meeting
 - Met with Lonny & Krystle to go over ROV nav editing workflow visualization
 - Reloading emdb following fixes for excessive disk usage
- Out of Office

Week 18

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Working with Karen on trying to get her front end improvements merged in
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
 - Picking up the auv-python project and getting reacquainted with Poetry inside VS Code
 - Planning to process i2Map logs and put corresponding netCDF files back onto the M3 share
- 901602 - Data TAG

- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - The emdb server now has [this view](#) to help us monitor ROV nav edited file processing
 - Planning to meet with Lonny & Krystle next week to go over using emdb
- Out of Office

Week 17

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
 - Got Peter's help with remembering how to restart tomcat7 on elvis following addition of the current M1 mooring data to <https://dods.mbari.org/thredds/OSMooringCatalog.html>
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Met with Jenny & Karen to discuss next priorities
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Frustrated with front-end development – how do people even debug CSS & Bootstrap?!
 - Squashed a few edge case bugs with nightly emdb loading of newly edited ROV nav files
 - Will be meeting with Lonny & Krystle to go over using <https://emdb.shore.mbari.org/>
 - Trying to figure out how to add a map view to the CBV-driven dives detail view...
- Out of Office
 - Vacation day: Thursday 28 April 2022

Week 16

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
 - Fixed a numpy exception in LRAUV netCDF generation code for recent tethys data
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Fixed file start and end times in Expd's CleanRovNavLoad table
 - Monitoring end-to-end processing of edited ROV Nav data through draco, Expd, & emdb
 - Using (and enhancing) the emdb web site to find and remove outliers from edited nav files
- Out of Office

Week 15

- 200103 - Core CTD Data - MDUC

- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Set up weekly task on draco to reload any edited ROV nav file – testing it tonight
 - Buffering out emdb's load script to reload any dive's data and to automate reloading updated edited nav data from the Expedition Database
 - Met with Lonny to give him permission to execute Expedition Database load scripts on draco
- Out of Office

Week 14

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Set up cron job to reload the database each Sunday morning
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Installed caching server and increased RAM so that the initial load of <https://emdb.shore.mbari.org/> is faster
 - Starting to look at QC operations that can be done for ROV Nav data
 - Created CleanRovnavDataQC EXPD View that removes (0, 0) points
 - Adding start_datetime and end_datetime columns to CleanRovNavLoad table
- Out of Office

Week 13

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - 28 March - 1 April: Vacation

Week 12

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Deployed better filter and table display for Missions, Expeditions, and Compilations to smdb
- 901111 - AUV Infrastructure Support
 - Processed Dorado mission 2022.075.00
 - Fixed lookup from TethsDash/api/events to use GMT time zone for getting Sipper metadata
- 901221 - Midwater Time Series
- 901602 - Data TAG
 - Wondering about emdb's /var/log/syslog out of memory messages getting to syslog-server
- 901910 - Plankton Taxonomic Groups from AUVs
 - Reloaded surveys into stoqs_all_dorado that were missing Monique's proxies
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Applying the same filter and table functionality to the expd_mapping database
- Out of Office
 - 28 March - 1 April: Vacation

Week 11

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Reloaded database in order to capture recent Octopus Garden Missions
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
 - Confirmed that logs from emdb are making it to syslog-server
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Initial deployment of <https://emdb.shore.mbari.org> to help with ROV nav editing QC
- Out of Office
 - 15 March: Vacation
 - 28 March - 1 April: Vacation

Week 10

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Tested, merged, and deployed Karen's UI improvements to <https://smdb.shore.mbari.org>
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
 - Setting up emdb.shore.mbari.org for centralized logging

- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Working on implementing Django table views for expd_mapping database
- Out of Office
 - 28 March - 1 April: Vacation

Week 9

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office

Week 8

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Replaced incorrect web mercator based track length with haversine calculation
 - Compared nav track length calculations – using the more precise mb8[8-9].inf metadata
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Fudging sampling rate and processing new BEDS bench test data into a [STOQS database](#)
- Out of Office

Week 7

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Switched from traefik to nginx and now able to serve files from titan's SeafloorMapping share
 - Continuing work/discussions about Compilations
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs

- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Examined BEDS bench test .EVT files and submitted PR for decodeBEDS.py code changes
 - Continuing work on an "Expedition Mapping Database"
- Out of Office

Week 6

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Loaded <https://smdb.shore.mbari.org/> with Compilations to give us something to discuss
 - Working on [Issue 76](#) and getting frustrated with traefik, might go with just nginx
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Spun up an Expedition Mapping Database project to analyze ROV Nav data
 - Group meeting: thinking of centralized logging I could do
- Out of Office

Week 5

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Modifying the schema to store Compilation records
 - Updating the load script to find and store interesting compilation information
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Wrapped up my work on the [Notebook to add up track lengths](#) from SeafloorMapping DB
 - Planning to put new BEDS qualification data into a STOQS database for validation
 - Annual review
- Out of Office

Week 4

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Handling a request from ITD to compute distances surveyed over time

- Got mbgrd2gltf to build with cmake in container and will integrate with Tom's work on cmake
- 901111 - AUV Infrastructure Support
 - Fixed the re-interpolation of realtime decimated data in IrauvNc4ToNetcdf.py for LRAUV team
 - Found and fixed problem with colormap changes on subsequent selections in STOQS UI
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Participated in Zoom meeting with WHOI & USCG folks showing STOQS capabilities
- Out of Office

Week 3

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
- 901101 - Seafloor Mapping
 - More work on to lookup timestamps for Compilations by using .grd file creation times
 - Struggling with building MB-System container so I can work on building mbgrd2gltf
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Reprocessed some frame grabs that had failed Expd database inserts
 - Created glTF terrain for STOQS to support east coast LRAUV mission data
 - Expedition database data entry discussions
- Out of Office

Week 2

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
 - Wrote [Notebook](#) to compare ESP Sample data in STOQS vs. data from Katy
- 901101 - Seafloor Mapping
 - Reloaded database with log messages detailing Compilation/Mission associations
- 901111 - AUV Infrastructure Support
 - Struggled processing 2026.006.00 with important comments removed from devices.cfg
 - Added mb-system container to STOQS for future terrain processing capabilities
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Evaluated new BEDS-Qualification-2021 data format and decoding software
 - Evaluating STOQS software changes needed to support LRAUV mission off Woods Hole

- Out of Office

Week 1

- 200103 - Core CTD Data - MDUC
- 200109 - Core Mooring Data - MDUC
- 901009 - CANON
 - Updated STOQS modules and attempting to get DockerHub CI working again
 - Reviewing LRAUV ESP Sample ID log info parsing logic with Katy
- 901101 - Seafloor Mapping
 - Added 'restart: always' to docker .yml to start services following system reboot
 - Exploring ways to collect Compilation information from SeafloorMapping directories
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
 - Thinking about potential topics to add to the document
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving the Impact of MBARI's Data
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Increased to 3 digits the field with for NumFileSegments in Expd's TapeSummary table
 - Group meeting & Data TAG discussion
- Out of Office
 - 27 December 2021 - 3 January 2022