

Mike McCann

Week 52

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office

Week 51

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
 - Explored issue with ROV frame grabs not appearing in time order on thumbnail pages
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Wrote code to scan datalist*.mb-1 files for potential missions that comprise a Compilation
 - Worked with Jenny on a “soft opening” announcement of <https://smdb.shore.mbari.org/>
 - Looking into Draco compression for making smaller 3D terrain .glb files
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
 - Loaded initial STOQS database to hold all i2MAP CTD data - it uses the 3D terrain .glb file created with [the software contributed by the capstone students](#)
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office

Week 50

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Fixed Notes.txt file lookup logic and reloading database following Jenny’s fixes
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
 - Beginning to load i2MAP CTD data into a STOQS database
- 901602 - Data TAG

- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
 - Participated in LRAUV operator training session
 - Helping with log4j upgrades on various servers
 - Tested and merged the [gltf-generator code](#) that the CSUMB capstone students contributed and will be watching their presentation on Friday
- Out of Office

Week 49

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Will be reloading database following changes contributed by Jenny & Karen
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
 - Completed filtering and resampling aligned data, ready to test loading into STOQS
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
 - Reviewing capstone student's project to convert GMT bathymetry data to glTF
- Out of Office

Week 48

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
 - Processed data from Gulper mission 2021.334.00
- 901221 - Midwater Time Series
 - Working on align.py script to have all calibrated data available at original sampling rates along with corrected and interpolated coordinate information
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
 - Installed Activestate Perl so that I can run the Expedition database loads
 - Helped try and diagnose data links following the correction of Ventana dive times from 2016
- Out of Office

Week 47

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON

- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office

Week 46

- 200109 - Core Mooring Data
 - Fred finished the quality control from the last set of recovered data
 - Aggregated hourly and daily averaged data available at:
 - <http://dods.mbari.org/data/oasis/netcdf/doc/hourlyM1.html>
 - <http://dods.mbari.org/data/oasis/netcdf/doc/dailyAveragedM1.html>
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Reloaded [smdb](#) with latest exclude.list that Jenny contributed through a pull request
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
 - Futzng with plotting data to verify QC, interpolation, and resampling in auv-python project
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
 - Using cartopy (with geos & proj binary dependencies) for map plotting in auv-python
- 901915 - Improving MBARI Data Impact
- Overhead
 - Attended MLonMB workshop at UCSC and the Web 3D Conference on Zoom from Pisa
- Out of Office

Week 45

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Reloading with longer list of excluded directories that Jenny provided
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
 - Working on resampling variables to be on the same time grid
- 901915 - Improving MBARI Data Impact
- Overhead
 - Attended MLonMB workshop at UCSC
- Out of Office

Week 44

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Refined <https://smdb.shore.mbari.org/> loader to look for .png thumbnails if .jpgs not found
 - Meeting with Jenny and Karen to go over any development system glitches
- 901111 - AUV Infrastructure Support
 - Processed mission 2021.301.00
- 901221 - Midwater Time Series
 - Writing process_i2map.py script to get data into STOQS-loadable netCDF format
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
 - Touching base with capstone students and their GMT .grd to .gtif converter
 - Attending MLonMB workshop at UCSC next Wednesday
- Out of Office

Week 43

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Had Zoom session with Jenny and Karen to go over the smdb contributing process
 - Reloaded <https://smdb.shore.mbari.org/> with additional excluded directories
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
 - Restructured the auv-python project in BitBucket to use a data science layout
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
 - Working on auv-python as a replacement for the Matlab science data processing toolbox
- 901915 - Improving MBARI Data Impact
- Overhead
 - Dusting off BEDs processing software following the recent beach recovery of a lost BED
- Out of Office

Week 42

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact

- Overhead
- Out of Office

Week 41

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
 - [Added range slider](#) above the map at <https://smdb.shore.mbari.org/> to constrain the nav track display by time. (I tried to make the slider step in regular time intervals, but it was becoming too complicated for my weak JavaScript skills.)
 - Added ability to update the map with a database query using constraints in the current view
 - Looking for an off ramp so that I can switch over to the Plankton Proxies project
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office

Week 40

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Got [navigation track \(instead of grid bounds\) display working](#), and it's not too slow
 - Built rudimentary Expedition and Mission List and Detail views with links between them
 - Transcribed work items from the Requirements_UseCases.docx to GitHub Issues
 - Beginning to work on time bounds to query for Missions on overview home page
- 901111 - AUV Infrastructure Support
 - Processed Dorado Gulper mission 2021.278.00
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
 - Open position meetings
- Out of Office

Week 39

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Got AWS S3 working for thumbnail image display on production server
 - Revamping Expedition, Mission, and Note database relationships
 - Updated loader, test, and view software following above schema changes

- Added more [GitHub issues](#) and starting to review Jenny's use cases
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
 - Open position meetings
- Out of Office

Week 38

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Continuing to buff out data load by parsing Notes and sonar file start and end times
 - Added mb-system container for running mbinfo commands (thanks Carlos for the image!)
 - Looking at using AWS S3 for serving thumbnail images from media storage
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
 - Reloaded stoqs_all_dorado database with Monique reprocessed proxy files
- 901915 - Improving MBARI Data Impact
- Overhead
 - Made the stoqs_cce2015 database available on stoqs.mbari.org per Roberto's request
 - Attending the very good 2021 CF Workshop over Zoom
 - Interviews
- Out of Office

Week 37

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Tracking progress in population smdb from Notes information in [Issue 50](#)
 - Added bathymetry image to click event for overview web page
 - Had a good sit down with Jenny on where to collect more information
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
 - Interviews
- Out of Office

Week 36

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Wrapping up graphql endpoint implementation with 100% test coverage on all model classes
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
 - Met with Katie Pitz to discuss mooring data processing
 - Met with Chris Preston to discuss Python tools for processing Saildrone data
- Out of Office

Week 35

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Continue developing the graphql api – about a third of the way through the model classes
 - Working on serialization/deserialization of datetime & geospatial fields
- 901111 - AUV Infrastructure Support
 - Created [Lake Erie](#) and [Lake Michigan](#) STOQS databases for recent LRAUV deployments
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office

Week 34

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Got CRUD testing working for smdb REST, but projecting a 2,000 line testing script!
 - Exploring GraphQL for smdb in [Issue 43](#)
- 901111 - AUV Infrastructure Support
 - Waiting on delayed mode LRAUV data from the Great Lakes for creating STOQS databases
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office

- Vacation day: Friday 27 August 2021

Week 33

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Developer experience is pretty good now in VS Code – closed [Issue 21](#)
 - Still trying to understand REST APIs – tracking development of api/v1 in [Issue 41](#)
- 901111 - AUV Infrastructure Support
 - Watching LRAUV data flow into [stogs_lrauv_aug2021](#) from the Great Lakes
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
 - New hire meetings
- Out of Office
 - Vacation day: 19 August 2021

Week 32

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Got [pytest unit tests working in VS Code](#)
 - Got GitHub Actions working – nice to see those green checkmarks on the Pull Requests!
 - Spending time learning Django REST Framework while adding tests
 - Working on getting GitHub version control to work in VS Code: [Issue 33](#)
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
 - Prepared some videos for SIGGRAPH Carto and Web3D Birds of a Feather sessions
- Out of Office

Week 31

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Reloaded just the Mission files that match yyyyymmdd naming to <https://smdb.shore.mbari.org>
 - Doing most editing and debugging now in VS Code! 😊
 - Creating unit tests using the Django REST framework to give good test coverage: [Issue 25](#)
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series

- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
 - Reading proposals and preparing for interviews
- Out of Office

Week 30

- 200109 - Core Mooring Data
 - Removed spurious ocr3000 .nc files and stopped their generation
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Implemented the ability to debug server side code in VS Code, about to close [Issue 21](#)
 - Modifying load code to do a better job of loading just the missions we want – in VS Code
- 901111 - AUV Infrastructure Support
 - Reprocessing several Diamond missions to use other CTD instrument per Monique's analysis
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office

Week 29

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Trying to get debugging to work in VS Code – tracking progress in [Issue 21](#)
- 901111 - AUV Infrastructure Support
 - Reprocessed all 2021 Dorado missions that had missing or 10-second interval ISUS data
 - Updated packages on stoqs.shore.mbari.org, stoqs.mbari.org & tethysviz.shore.mbari.org
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
 - Trying to help Jenny get ArcMapNav working on the Carson
- Out of Office
 - Vacation this Friday and next Monday:: 23, 26 July 2021

Week 28

- 200109 - Core Mooring Data
 - Submitted 2022 proposal
- 500055 - Video Annotation DM
- 901009 - CANON

- 901101 - Seafloor Mapping
 - Added clunky search function for leaflet map
 - Using locate/updatedb to perform faster searches for files in /mbari/SeafloorMapping
 - Added a way to exclude Missions from the load and reloaded <https://smdb.shore.mbari.org/>
- 901111 - AUV Infrastructure Support
 - Contributed to 2022 proposal
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
 - Contributed to 2022 proposal
 - Helping Monique & Lindsey with some Dorado data QC
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office
 - Vacation: 23, 26 July 2021

Week 27

- 200109 - Core Mooring Data
 - Proposal work
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Implementing Leaflet map display of survey mission grid_bounds data
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office

Week 26

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Finally got <https://smdb.shore.mbari.org> working with Traefik
 - Configuring development environment so that VS Code can be used on the backend
 - Considering how to efficiently walk the 21.7 million files in SeafloorMapping – with many of the large ones migrated to offline storage
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
 - Watched DOEST videos, the director's dialog, and Wednesday's Live from the Deep program

- Out of Office

Week 25

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
 - Catching up with email backlog following 3 weeks of vacation, much to do with various Expedition Database issues: moving dives, tape summary data, permissions
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Working on getting production deployment to work on smdb.shore.mbari.org
- 901111 - AUV Infrastructure Support
 - Added some AUVCTD data processing debugging instructions to the new docs location
 - Fixed a problem where 2017.248.01 had the tail end of the data lopped off in STOQS
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
 - Met Monique's intern Lyndsey (via email) who is working on cluster analysis of Dorado data
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office

Week 24

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office
 - Vacation: 1-18 June 2021

Week 23

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office

- Vacation: 1-18 June 2021

Week 22

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office
 - Vacation: 1-18 June 2021

Week 21

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Implemented model classes (database schema) - still working on many-to-many relationships
 - Testing Django's Admin interface for adding/editing model instances
 - Beginning to write loader script which will walk titan's SeafloorMapping share
- 901111 - AUV Infrastructure Support
 - Processed Dorado Gulper survey 2021.139.00
 - Updated DAllanB (Mapper 1) vehicle's Iridium beacon IMEI number
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office
 - Vacation: 1-18 June 2021

Week 20

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
 - Battled travis-ci failure with pip not able to resolve dependencies
 - Exploring using Docker's --scale option to horizontally scale the STOQS web app
- 901101 - Seafloor Mapping
 - Exploring Django integration of front-end frameworks such as Vue and Vite
 - Code repository set up at <https://github.com/mbari-org/SeafloorMappingDB>
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration

- 901910 - Plankton Taxonomic Groups from AUVs
 - Provided some input to Monique's abstract for a 3-year renewal of the project
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office
 - Vacation: 1-18 June 2021

Week 19

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
 - Told IS that they may turn off the old kraken machine which they will do next week
- 901101 - Seafloor Mapping
 - Connected with Jenny & Karen and agreed on names: SeafloorMappingDB & smdb
 - I'm liking about 70% of what [cookiecutter-django](#) gives for a new Django project
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
 - Attended virtual OCG (Ocean Coordination Group)-12 workshop on Data and Metadata: Towards mutual benefit for data users
- Overhead
- Out of Office

Week 18

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
 - With help from IS moved stoqs.shore.mbari.org from dedicated hardware to an Ubuntu VM
 - Loaded Western Flyer CTD data into [stoqs canon april2021](#) which is served by the new VM
 - Wrote parquet2csv.py to make the STOQS parquet output even more usable
 - Working with Chris Preston to make sure we properly have all of the ESP filtering data
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office

Week 17

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
 - Loaded delayed mode & ESP filtering LRAUV data into [stoqs canon april2021](#)
 - Beginning to look for shipboard data to load into STOQS

- 901101 - Seafloor Mapping
 - Exploring using cookiecutter-django for creating framework for the database project
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office
 - Vacation: 27 & 29 April 2021

Week 16

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
 - Continuing to see that data flow into [stogs_canon_april2021](#)
 - Need to schedule a time to switch over to kraken's replacement
- 901101 - Seafloor Mapping
 - Using Docker with current versions of Postgis and Django to for a development platform
- 901111 - AUV Infrastructure Support
 - Processing Dorado surveys for CANON
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
 - Group and ROVCTDO meetings
- Out of Office

Week 15

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
 - Processed Dorado mission 2021.102.02 using ctd2
 - Setup [stogs_canon_april2021](#) to receive data from the current campaign
 - Almost ready to make the switchover to the new kraken2 server
- 901101 - Seafloor Mapping
 - Beginning to look at how modern Django projects are currently structured
- 901111 - AUV Infrastructure Support
 - Updated IMEI for new beacon installed on mapper2 vehicle
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
 - Helped IS figure out a problem with email sent from Linux servers to Sympa lists
 - Meeting about ROV oxygen data handling

- Out of Office
 - Some sick time taken following 2nd COVID vaccine shot

Week 14

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
 - Copied production databases & loadlogs to the new kraken2.shore.mbari.org server
 - Testing function & performance of new virtualized kraken2 server – so far it looks good
 - Preparing for April 2021 campaign data
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office

Week 13

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office
 - Vacation days: 29 March - 2 April

Week 12

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
 - The kraken2.shore.mbari.org server is up and running with a self-signed certificate
 - Link to Jupyter Notebook that visualizes parquet data added to end of [Issue 837](#)
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
 - Monique is testing parquet export from the kraken2 server
 - Testing fix for missing data edge case seen in Dorado survey 2004_251_00
- 901915 - Improving MBARI Data Impact

- Overhead
- Out of Office
 - Vacation days: 29 March - 2 April

Week 11

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
 - Working with IS through needed changes on Ubuntu for supporting STOQS on kraken2
 - Examining why Dorado survey 2004_251_00 does not loading into stoqs_all_dorado
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
 - About done with work on parquet file generation from STOQS – there are references to how this may be used at the end of the [GitHub Issue](#)
 - Planning to reload the stoqs_all_dorado database following updates to Monique's proxy data
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office

Week 10

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
 - Continuing to make progress on Parquet file generation ([Issue 837](#))
 - Deployed updated UI to production STOQS servers
 - Building a Notebook to demonstrate use with DataShader
 - Starting on unit tests (I know, I should have written these first :-)
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office

Week 9

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
 - Examined metadata that Katie is dealing with for eDNA sample data
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
 - Debugged a Dorado SBD message flow problem to ODSS
- 901221 - Midwater Time Series

- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
 - Making good progress on the parquet file generation: [Issue 837](#)
 - Expect to be testing parquet file generation on production servers real soon now
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office

Week 8

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
 - Monitoring vfcbydive's processing as dozens of dives are now being re-annotated nightly
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
 - Monitoring LRAUV data processing into https://tethysviz.shore.mbari.org/stoqs_lrauv_feb2021
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
 - At a checkpoint with demonstration notebook for extracting STOQS data in columnar format
 - Buffing out extract_columns.py command line tool to create Parquet files
 - Estimating memory use before extraction as Pandas doesn't have a useful chunking option
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office

Week 7

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
 - Redeploying STOQS servers as needed with module updates
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
 - Working on [demonstration notebook](#) for extracting STOQS data in columnar format
 - Trying to work through memory exhaustion issues inside Docker containers
- 901915 - Improving MBARI Data Impact
- Overhead
 - Engineering meeting
- Out of Office
 - Vacation day: 1 Feb 2021 for CSUMB teaching

Week 6

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM

- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office
 - Vacation day: 1 Feb 2021 for CSUMB teaching

Week 5

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
 - Updated packages for STOQS removing, security vulnerability & redeployed in production
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
 - Exploring producing Apache Parquet files directly from STOQS SQL queries
- 901915 - Improving MBARI Data Impact
- Overhead
 - Installed symantec updates on MacOS systems
 - Re-creating MacOS ssh keys to regain Vagrant login and remote repo push capabilities
- Out of Office
 - Vacation day: 1 Feb 2021 for CSUMB teaching

Week 4

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
 - Working on Notebook that tests different queries for [Issue 837](#)
- 901915 - Improving MBARI Data Impact
- Overhead
 - Evaluation
 - Group meetings
- Out of Office
 - Vacation day: 26 Jan 2021 for first week of CSUMB teaching

Week 3

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
 - Latest security patches on expance broke fonts for vfcbydive – submitted help ticket to fix
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
 - Tackling [Issue 837](#) as we now need better ways to extract data from STOQS databases
 - Writing Jupyter Notebooks to test various queries to make dataframes from STOQS
- 901915 - Improving MBARI Data Impact
- Overhead
 - Reviewing Rich's responsibilities and replacement along with the group
- Out of Office
 - Vacation days: 21-25 Jan 2021 to prep for CSUMB teaching

Week 2

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
 - Continued work on vfcbydive to better handle multiple annotations
- 901009 - CANON
 - IS spun up an Ubuntu kraken2 VM for replacing the existing kraken hardware
 - Working on a Jupyter Notebook for making T/S plots for all platforms in a campaign
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office
 - Took several vacation days

Week 1

- 200109 - Core Mooring Data
- 500055 - Video Annotation DM
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901111 - AUV Infrastructure Support
- 901221 - Midwater Time Series
- 901602 - Data TAG
- 901809 - Deep Sea Bioinspiration
- 901910 - Plankton Taxonomic Groups from AUVs
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office