

Diana LaScala-Gruenewald

Week 52

- 200103 - Core CTD Data - MDUC
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office

Week 51

- 200103 - Core CTD Data - MDUC
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Week 50

- 200103 - Core CTD Data - MDUC
 - Kevin Barnard training on ROV CTD QC O2 flags
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM
- 901915 - Improving MBARI Data Impact
 - Been bad about filling this out lately, apologies
 - Continuing to work primarily on Improving Impact
 - Still working to get STOQS data loaded into dockerized TimescaleDB. Everything is set except there's a bug around getting my load script to run automatically at container startup.
- Overhead
 - Weekly meeting(s)
- Out of Office

Week 49

- 200103 - Core CTD Data - MDUC
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- 500055 - Video Annotation DM
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office
 - Out sick last Friday (11/12)

Week 48

- 200103 - Core CTD Data - MDUC
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- 500055 - Video Annotation DM

- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office
 - Out sick last Friday (11/12)

Week 47

- 200103 - Core CTD Data - MDUC
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office
 - Out sick last Friday (11/12)

Week 46

- 200103 - Core CTD Data - MDUC
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- 500055 - Video Annotation DM
- 901915 - Improving MBARI Data Impact
 - Have been getting familiar with STOQS, its architecture, loaders, running it locally, running through some of Mike's notebooks, extracting data
 - Met with Mike to review questions
 - At his suggestion, comparing the experience of pulling big chunks of rov ctd data off of stoqs in parquet format with pulling the same data off of erddap in csv
 - As part of this, learning to use the holoviews Python package for interactive data visualization
 - Also spent some time looking into [CKAN](#) - a data management software system that includes cataloging and search
 - Useful [intro video](#), see 7:00-29:11
- Overhead
 - Weekly meeting(s)
- Out of Office
 - Out sick last Friday (11/12)

Week 45

- 200103 - Core CTD Data - MDUC
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- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office

Week 44

- 200103 - Core CTD Data - MDUC
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- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office

Week 43

- 200103 - Core CTD Data - MDUC
 - Talked to Ed. He's a bit behind putting QC requests through. So there'll be a whole bunch at some point in the future...
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM
- 901915 - Improving MBARI Data Impact
 - Tested serving all ROV CTD data from all vehicles/years through ERDDAP. After I figured out some details with the connection, it went pretty smoothly. Kept notes on what needed to be done manually.
 - Started getting familiar with TimescaleDB and STOQS
 - Meeting w/ Mike to get an intro to STOQS today
- Overhead
 - Weekly meeting(s)
- Out of Office

Week 42

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- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office

Week 41

- 200103 - Core CTD Data - MDUC
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- 901915 - Improving MBARI Data Impact
 - Completed initial documentation
 - Reviewed ERDDAP docs/other materials to evaluate "ideal" data format, ways to serve large amounts of data, high request volumes
 - Began trying to serve ROV CTD data using ERDDAP - currently troubleshooting connection issues
- Overhead
 - Weekly meeting(s)
- Out of Office

Week 40

- 200103 - Core CTD Data - MDUC
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- 500055 - Video Annotation DM
 - LTO tapes
- 901915 - Improving MBARI Data Impact
 - Worked through adding database tables, views, and tables/views with lat, lon, time, depth to ERDDAP
 - Put together some documentation on BitBucket
- Overhead
 - Weekly meeting(s)
- Out of Office

Week 39

- 200103 - Core CTD Data - MDUC
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- 500055 - Video Annotation DM
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office

Week 38

- 200103 - Core CTD Data - MDUC
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- 500055 - Video Annotation DM
- 901915 - Improving MBARI Data Impact
 - Got reasonably comfortable adding data tables to test ERDDAP server
 - Got a test postgres db running in a docker container and linked to test ERDDAP via docker compose
 - Am currently troubleshooting the process of adding a db table to ERDDAP
- Overhead
 - Weekly meeting(s)
 - SE candidate interviews
 - Bystander intervention training (special timecode)
- Out of Office

Week 37

- 200103 - Core CTD Data - MDUC
 - Looked into @reboot issue for the rov ctd apis - likely this is happening because it's trying to run the cronjob before the /home folder is mounted
 - Looked into some solutions, but not sure how to proceed at the moment
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM
 - IMES tape transfer
- 901915 - Improving MBARI Data Impact
 - Continuing to get familiar with adding data sets on ERDDAP, documenting what currently needs to be done manually during this process
- Overhead
 - Weekly meeting(s)
- Out of Office

Week 36

- 200103 - Core CTD Data - MDUC
 - Forever failed to launch rov ctd apis after reboot again - need to look into this
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM
 - IMES tape transfer
- 901915 - Improving MBARI Data Impact
 - Working on adding data tables to ERDDAP. Got a test data table up, but uncertainty about "correct" way to set up datasets.xml for different data types
- Overhead
 - Weekly meeting(s)
- Out of Office

Week 35

- 200103 - Core CTD Data - MDUC
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office
 - Aug. 30 & 31 - Backpacking, won't be reachable

Week 34

- 200103 - Core CTD Data - MDUC
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM
- 901915 - Improving MBARI Data Impact
 - Learning how ERDDAP is set up, how to add content
 - Now have an ERDDAP running in a docker container on my local machine
 - Working on adding tables, then connecting to database
- Overhead
 - Weekly meeting(s)
- Out of Office
 - Aug. 30 & 31 - Backpacking, won't be reachable

Week 33

- 200103 - Core CTD Data - MDUC
 - QC flag requests
 - Updated and finalized sp for setting qc flags by a depth threshold
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM
 - IMES tape transfer
- 901915 - Improving MBARI Data Impact
 - Groundwork researching relevant technologies
- Overhead
 - Weekly meeting(s)
 - New hire interviews
- Out of Office
 - Aug. 30 & 31 - Backpacking, won't be reachable

Week 32

- 200103 - Core CTD Data - MDUC
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM
 - Continuing to help with IM tape transfer
- 901915 - Improving MBARI Data Impact
 - Background work to learn about some of the technologies involved
- Overhead
 - Weekly meeting(s)
 - Training - oceanhackweek
 - New hire meet-and-greet interviews
- Out of Office

- Aug 3-6 - Oceanhackweek (virtual)
 - [Hackweek project repo](#)
- Aug. 30 & 31 - Backpacking, won't be reachable

Week 31

- 200103 - Core CTD Data - MDUC
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office
 - July 19-23 - ESIP summer meeting (virtual)
 - Participated in a [pretty interesting workshop](#) on a new Python package for integrating a bunch of graph database related tools
 - Aug 3-6 - Oceanhackweek (virtual)
 - Aug. 30 & 31 - Backpacking, won't be reachable

Week 30

- 200103 - Core CTD Data - MDUC
 - Spent some time getting version control sorted on coredata
 - Updated rovctd API documentation on BitBucket
 - Continued addressing qc flag requests
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM
- 901915 - Improving MBARI Data Impact
 - Intro to this project
 - Started thinking about integration with ERDDAP
- Overhead
- Out of Office
 - July 19-23 - ESIP summer meeting (virtual)
 - Participated in a [pretty interesting workshop](#) on a new Python package for integrating a bunch of graph database related tools
 - Aug 3-6 - Oceanhackweek (virtual)
 - Aug. 30 & 31 - Backpacking, won't be reachable

Week 29

- 200103 - Core CTD Data - MDUC
 - Spent some time diving into logging in cron, forever, and node.js
 - Made some changes to forever logs which will hopefully help with troubleshooting when the rovctd API goes down again
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office
 - July 19-23 - ESIP summer meeting (virtual)
 - Aug. 30 & 31 - Backpacking, won't be reachable

Week 28

- 200103 - Core CTD Data - MDUC
 - Continued setting qc flags
 - Rovctd API went down over the July 4th holiday; spent some time trying to understand what happened and how to troubleshoot in the future
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM
 - LTO tapes
- 901915 - Improving MBARI Data Impact
- Overhead
 - Weekly meeting(s)
 - Proposals
 - Training on java servlets, java script, node.js
- Out of Office
 - Aug. 30 & 31 - Backpacking, won't be reachable

Week 27

- 200103 - Core CTD Data - MDUC
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office

Week 26

- 200103 - Core CTD Data - MDUC
 - Wrote new stored procedure for expd db to set qc flags by depth
 - Continued to set qc flags as needed
 - Reviewed questions with/got some last words of wisdom from Rich
 - Exploring adding a feature to rovctd development servlet to get a better understanding for how they work/how to troubleshoot
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM
- 901915 - Improving MBARI Data Impact
- Overhead
 - Weekly meeting(s)
 - Working through tutorial on developing first Java servlet
- Out of Office

Week 25

- 200103 - Core CTD Data - MDUC
 - Reviewed notes from most recent meeting with Rich, got follow-up questions answered, made sure I could access/understand the code
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM
 - Helping rename LTO tapes
- 901915 - Improving MBARI Data Impact
- Overhead
 - Weekly meeting(s)

- Completed LinkedIn Learning course on database management
- Out of Office

Week 24

- 200103 - Core CTD Data - MDUC
 - Continued setting QC flags as needed
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM
 - Met with Brian to review progress on DSG concept maps - putting this on hold for now
 - Learned how to help rename LTO tapes, and started working on that
- 901915 - Improving MBARI Data Impact
- Overhead
 - Weekly meeting(s)
 - Some orientation/getting settled at MBARI
- Out of Office

Week 23

- 200103 - Core CTD Data - MDUC
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office
 - ½ day vacation on Wednesday 5/26

Week 22

- 200103 - Core CTD Data - MDUC
 - Continued to set ROV CTD QC flags as needed (O2, light)
 - Reviewed documentation in preparation for taking over additional new tasks from Rich (Ship and ROV core data workflow, esp Rovctd ingest to EXPD and dive/divesummary table updates)
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM
 - Continued working on creating concept distribution maps for a set of regions
 - Created a “global” extent focused on the eastern pacific
 - Adjusted code to create bounding boxes and grid accordingly
 - Moved code into Pycharm to take advantage of better debugging capabilities
 - Added code to query for region coords and iterate to create concept maps for each region
 - Currently troubleshooting a number of mapping issues arising from testing this code on a larger subset of concepts
 - Will likely need more detailed shapefiles for maps, possibly w/ bathymetry
- 901915 - Improving MBARI Data Impact
- Overhead
 - Weekly meeting(s)
 - Some training on database creation, management, and optimization to improve understanding of EXPD DB
- Out of Office
 - ½ day vacation on Wednesday 5/26

Week 21

- 200103 - Core CTD Data - MDUC
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- 500055 - Video Annotation DM
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office

Week 20

- 200103 - Core CTD Data - MDUC
 - Spent some time getting familiar w/ ROV CTD data and diveinfo servlets
 - Practiced using them
 - Got access to coredata and made sure I could find all the code
 - Might still be good to look more closely at cron jobs and JavaScript code
 - Set O2 QC flags for recent Doc Ricketts dives
 - Looked into setting lightFlag for these dives as well
 - Exploring writing a stored procedure to do this
 - Spent a little time learning more about database components that I know less about (incl. stored procedures)
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM
 - Met with Brian to get feedback on initial set of concept distribution maps and identify next steps
- 901915 - Improving MBARI Data Impact
- Overhead
 - Weekly meeting(s)
 - Spent some time setting up new laptop
- Out of Office

Week 19

- 200103 - Core CTD Data - MDUC
 - Got an intro from Rich to the ROV CTD data servlets
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM
 - Generated first full set of concept distribution maps for DSG
 - This process was slow (~24 h)
 - There are a small number of concepts that are still throwing errors that I need to look into
 - There are a number of lingering aesthetic points that may need to be addressed
- 901915 - Improving MBARI Data Impact
- Overhead
 - Weekly meeting(s)
 - Spending a little bit of time setting up new computer
- Out of Office

Week 18

- 200103 - Core CTD Data - MDUC
 - Finished troubleshooting issue with ROV CTD O2 data reprocessing
 - Set a whole bunch of QC flags that had been accumulating
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM

- Continued troubleshooting code generating concept distribution maps for all concepts
- 901915 - Improving MBARI Data Impact
- Overhead
 - Weekly meeting(s)
- Out of Office
 - ½ day sick last Friday

Week 17

- 200103 - Core CTD Data - MDUC
 - Continuing to set ctd O2 QC flags as they arrive
 - Looking into an issue with the latest reprocessing procedure - first dive was not processed with the correct config file - with help from Rich
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM
 - Met w/ Brian to get feedback and discuss next steps
 - Updated code for images based on initial feedback
 - Implemented initial code to generate static images for all VARS concepts
 - Currently troubleshooting this process
- 901915 - Improving MBARI Data Impact
- Overhead
 - Weekly meeting(s)
- Out of Office

Week 16

- 200103 - Core CTD Data - MDUC
 - Reviewed docs and ran through ROV CTD data reprocessing/updating calibration coeffs with Rich and Mike
 - Chased down some missing info on O2 flags for 2020 ROV dives
 - Had a chance to see how these data are collected as part of RC cruise 4/14-4/15
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM
 - Working on static concept distribution maps for deep sea guide
 - Got annotation data into a reasonable format and drafted some initial maps, after sorting out a bunch of issues related to Python package management in Windows
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office

Week 15

- 200103 - Core CTD Data - MDUC
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office

Week 14

- 200103 - Core CTD Data - MDUC
 - Updated O2 flags

- Weekly meeting
- Review of stored procedures/functions/triggers for O2 data processing
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM
 - Review of code from Brian
 - Code to flatten output for DSG concept distribution maps
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office

Week 13

- 200103 - Core CTD Data - MDUC
 - Getting familiar with EXPDB
 - Learning protocols for setting O2 flags from Rich
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM
 - Meeting with Brian re: concept spatial distribution visualizations for DSG
- 901915 - Improving MBARI Data Impact
- Overhead
 - Getting familiar with docs and new software
- Out of Office

Week 12

- 200103 - Core CTD Data - MDUC
- 200105 - Core Nav - MDUC
- 500055 - Video Annotation DM
- 901915 - Improving MBARI Data Impact
- Overhead
- Out of Office