

Karen Salamy

Week 52

- 300057 - Mooring Maintenance
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902009 - AUV UI
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- 200103 - Core CTD Data - MDUC
- Overhead
- Out of Office - Feb 13-24: vacation/father's estate finalizations.

Week 51

- 300057 - Mooring Maintenance
- 701147 - MARS O&M IV
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- Overhead
- Out of Office - Feb 13-24: vacation/father's estate finalizations.

Week 50

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- 200103 - Core CTD Data - MDUC
- Overhead
- Out of Office - Feb 13-24: vacation/father's estate finalizations.

Week 49

- 300057 - Mooring Maintenance
 - Performed weekly script checks and data downloads.
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902009 - AUV UI
 - Began looking over the code again.
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- 200103 - Core CTD Data - MDUC
- Overhead
 - Back in the office following my father's passing. Spent way too much time reading and deleting 100s of emails.....
- Out of Office - Feb 13-24: vacation/father's estate finalizations.

Week 48

- 300057 - Mooring Maintenance
- 701147 - MARS O&M IV
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- 901101 - Seafloor Mapping
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902009 - AUV UI
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- 200103 - Core CTD Data - MDUC
- Overhead
- Out of Office - on Bereavement Leave.

Week 47

- 300057 - Mooring Maintenance
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- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- 200103 - Core CTD Data - MDUC
- Overhead
- Out of Office

Week 46

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- 901101 - Seafloor Mapping
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902009 - AUV UI
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- 200103 - Core CTD Data - MDUC
- Overhead
- Out of Office

Week 45

- 300057 - Mooring Maintenance
 - General maintenance and data download checks.
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
 - Still working on new MBARI web pages for the Data section.
 - I have completed the Seafloor Mapping site, finalizing parts of the krill hotspots and Nsupply pages, and will try and finish the Global modes for Monique this week.
- 902009 - AUV UI
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- 200103 - Core CTD Data - MDUC
- Overhead
 - Submitted the first license maintenance and renewal PO for 2023 (Aldec). I need to produce one more PO for the floating Mathcad license. Matlab is no longer on my to-do list.
- Out of Office

Week 44

- 300057 - Mooring Maintenance
- 701147 - MARS O&M IV
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- 901009 - CANON
- 901101 - Seafloor Mapping
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902009 - AUV UI
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- 200103 - Core CTD Data - MDUC
- Overhead
- Out of Office

- Vacation: October 19-20, 2022
- Vacation: November 8-11, 2022

Week 43

- 300057 - Mooring Maintenance
- 701147 - MARS O&M IV
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- 901915 - Improving the Impact of MBARI's Data
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- 902012 - Telepresence on MBARI Research Vessels
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- 200103 - Core CTD Data - MDUC
- Overhead
- Out of Office
 - Vacation: October 19-20, 2022
 - Vacation: November 8-11, 2022

Week 42

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- 901101 - Seafloor Mapping
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902009 - AUV UI
- 902012 - Telepresence on MBARI Research Vessels
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- Overhead
- Out of Office
 - Vacation: October 19-20, 2022
 - Vacation: November 8-11, 2022

Week 41

- 300057 - Mooring Maintenance
 - Addressing weekly code checks and data download issues.
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Continue to put a bit of time into the SMDB sidebar. I have had some issues with writing python data filters for the sidebar but plan to meet with Mike M. this week to discuss how to get my ideas for the sidebar working.
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data

- I have begun making edits to the Seafloor Mapping page on the new MBARI. I am waiting to hear back from Jenny P. on the page's main image (she is currently on vacation).
- 902009 - AUV UI
 - I was unable to attend a meeting held last week with the team regarding the project. I plan to refocus my time on various methods and code to help the team next week.
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- 200103 - Core CTD Data - MDUC
- Overhead
 - Trying to determine a tunneling issue into kahuna (SVN Repo) using the SmartSVN client with Peter Walker
 - Updated logistics coordinators to Sara A. and Ian L. while Matt S. will be out of this and at the beginning of next week. Also updated the precruise web form landing page to reflect that Sara and Ian should be contacted from October 13-17, 2022 until Matt has returned.
 - Helped Sara A. update various links on the precruise web form that will link to the new MBARI web pages.
 - I have begun getting quotes for the annual software license maintenance renewals that I am responsible for including Aldec, Matlab (not due until Dec. 2023), and MathCad.
- Out of Office
 - Vacation: October 19-20, 2022
 - Vacation: November 8-11, 2022

Week 40

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- 901009 - CANON
- 901101 - Seafloor Mapping
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902009 - AUV UI
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- 200103 - Core CTD Data - MDUC
- Overhead
- Out of Office
 - Personal Day: October 20.

Week 39

- 300057 - Mooring Maintenance
 - Spent a little time checking the M1 data downloads after encountering problems last week.
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Continued with the SMDB sidebar working to populate it based on map views and user settings. Spoke with Mike M. on using Django and python to filter out requests from the backend code to do this.
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
 - Spent some time looking at the new MBARI webpage and began edits to the Seafloor Mapping page.

- Attended a meeting via ZOOM on the M1 web page update for the new institute web page.
- 902009 - AUV UI
 - Need to spend some more time on this later this week.
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- 200103 - Core CTD Data - MDUC
- Overhead
 - Helped Sara Arguilla with updating MBARI web links on the precruise. With the new MBARI web page coming on line, most of the links on the precruise were old and needed to be updated.
- Out of Office
 - Personal Day: October 20.

Week 38

- 300057 - Mooring Maintenance
- 701147 - MARS O&M IV
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- 901009 - CANON
- 901101 - Seafloor Mapping
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902009 - AUV UI
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- 200103 - Core CTD Data - MDUC
- Overhead
- Out of Office
 - Personal Day: October 20.

Week 37

- 300057 - Mooring Maintenance
 - Standard weekly data verification checks.
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Continue to work on the new SMDB sidebar. I have had some success combining code from two other sidebar examples given the requests by the science team. I will need to go over with Mike on how I can generally access the mission data information from the GUI for it to be effective.
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902009 - AUV UI
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- 200103 - Core CTD Data - MDUC
 - John R. is setting up a meeting for next week for the team along with Kevin B. and myself to go over the project and the work required as I take over the ROV O2 QC.
- Overhead
 - Going through tons of emails from the last week after taking a few days off.
- Out of Office
 - Personal Day: October 20.

Week 36

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- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902009 - AUV UI
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - Vacation:

Week 35

- 300057 - Mooring Maintenance
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- 901009 - CANON
- 901101 - Seafloor Mapping
 - Deployed improved SMDB tracks as viewed on the Google Hybrid Basemap Layer.
 - Circling back to try and set up a working SMDB sidebar for the project page.
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902009 - AUV UI
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - Vacation:

Week 34

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- Overhead
- Out of Office
 - Vacation: August 4-5; family visiting from out of town.

Week 33

- 300057 - Mooring Maintenance

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Week 32

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- Overhead
- Out of Office
 - Vacation: August 4-5; family visiting from out of town.

Week 31

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Week 30

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- 901915 - Improving the Impact of MBARI's Data
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- Overhead
- Out of Office
 - Vacation: August 4-5; family visiting from out of town.

Week 29

- 300057 - Mooring Maintenance
 - The majority of my time this week has been on the 202207 M1-turn. The new M1 mooring was deployed at noon on Monday, Jul 18, 2022. Most instruments are up and functioning with the exception of the Metsys and two virtual instruments (gpsclock and Download stats). I have not been able to determine the source of their errors yet but have an email into Kent Headley requesting some possible historical knowledge.
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Continued building the SMDB UI for the team.
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902009 - AUV UI
- 902012 - Telepresence on MBARI Research Vessels
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- Overhead
- Out of Office
 - Vacation: August 4-5; family visiting from out of town.

Week 28

- 300057 - Mooring Maintenance
 - This is the week (hopefully). This Friday is the M1-Mooring Turn for 2022.
 - Had begun to look into OA2 data filters prior to emails but this may have been addressed first by Joe Gomez. I plan to chat with Joe before continuing on this issue.
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
 - This week I had to chase down why the ESRI Vector Map Layers are not displaying on the SMDB. Selenium tests indicate that it is related to an esri-leaflet-vector code update. The issue is listed here: <https://github.com/Esri/esri-leaflet-vector/issues/134>
 - To allow the map to be viewed by users until a fix can be applied by the code engineer(s), I have reverted from Vector Layers to older, deprecated BaseMapLayers.
 - I have a request out to Mike M. (currently on vacation) to perform a merge when possible or allow me to merge code while he is away.
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902009 - AUV UI
 - Will review code assignments.
- 902012 - Telepresence on MBARI Research Vessels

- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - Vacation: August 4-5; family visiting from out of town.

Week 27

- 300057 - Mooring Maintenance
 - Preparation and support of July 5, 2022 M1 Mooring turn.
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Added both masked and unmasked High Resolution GMRT Basemaps to the SMDB. My updates are awaiting a merge from Mike McCann when he returns.
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902009 - AUV UI
 - I was assigned various tasks to help Sumo Creations and will try to address them this week.
- 902012 - Telepresence on MBARI Research Vessels
 - Had a meeting with Kevin G. this AM regarding how telepresence is supported in the precruise web forms.
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - 10 days of Well-full-ness via MBARI.
- Out of Office
 - Took yesterday off as vacation to spend time with my family.

Week 26

- 300057 - Mooring Maintenance
 - Working with Jared to test and prepare the M1-Mooring for a turn in mid-July.
 - Assisted Francisco with updating OA1 and OA2 email lists for daily and hourly updates.
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
 - The new link for the SMDB is now active on the Canyon head and the site is [here](#).
 - Spent a lot of time this week fixing HTML viewing issues of the SMDB site for Jenny and editing text with updated information. I was also able to set up the GMRT Masked and Unmasked basemaps (~30m res) for the SMDB site as well. As Mike is on vacation, some of these changes will have to await his return to be properly merged into the master code set.
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902009 - AUV UI
 - Attended a 2hr meeting to discuss questions that SUMO creations had regarding the new LRAUV UI.
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Took an online training course.
 - Began looking at old EXPD dives that were removed from processing over the years to understand why this had been done.

- Out of Office

Week 25

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- 901101 - Seafloor Mapping
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902009 - AUV UI
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - Planning vacation: June 16, June 20-24.

Week 24

- 300057 - Mooring Maintenance
 - Working with Jared and Kevin G. to test and prep the new M1 turn which is currently scheduled for July 15, 2022.
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Fixed some merge bugs in my code so that it now works with Mike's production env on `smbd.shore.mbari.org`. Mike was then able to merge many of my recent changes into the master code. I am spending a little time testing those changes to make sure that they work the way they are intended.
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902009 - AUV UI
 - Need to speak with Carlos regarding typing API calls from Irauv2 to the new tethys dash that Sumo Creations is currently building. Hope to meet with Carlos tomorrow.
 - Just received a notice that there will be an AUV meeting this coming Jun 21, 2022 .
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- Overhead - Discussing Matlab changes and updates with Todd's new deal with Mathworks. This new site-wide Matlab license is really good news for the institute. Existing individual licenses for Engineering will still be valid until Dec. 31, 2023. This time though will be very useful for the overall transition to the new site-wide license as there may be issues (in the details) over the next year of transition.
- Out of Office
 - Planning vacation: June 16, June 20-24.

Week 23

- 300057 - Mooring Maintenance
 - Working with Jared F. on upcoming M1 202207 turn (July 15th, 2022) deployment.
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON

- 901101 - Seafloor Mapping
 - Adjusting some code to work with Mike M's updateMap() method. The addition of the Leaflet-Geoman geometry menu tool does not currently work with it.
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902009 - AUV UI
 - Will be working with Carlos to create a complete list of REST API calls for the new @mbari/api-client package and have responses typed based upon the Irauv-dash API calls. I hope to chat with Carlos this week or early next.
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Spent some time working with Git command line calls this week.
 - Also, looking at ReactJS.
- Out of Office
 - Planning vacation: June 16, June 20-24.

Week 22

- 300057 - Mooring Maintenance
 - Working with Jared F. to complete the new M1 Mooring (July 15, 2022 deployment date).
 - Data is flowing on coredata8 and Jared is working on some instrument issues.
 - Kevin, have you set up the SSDS instrument list for the new deployment yet?
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Worked a lot on the SMDB Dash UI the last few weeks. I have submitted several pull requests to update the master branch with changes.
 - Still having some issues with determining the active layer ID with groupedLayers in Leaflet.
 - Mike has been out sick the last week but I hope he will be able to test and integrate the changes this week.
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902009 - AUV UI
 - Meeting up with Jim Jeffers this Thursday on ZOOM..
 - I have already built the Github MBARI UI code using the notes from Sumo Creations.
 - Jim and I will be discussing accuracy of the build notes and where I can begin to help with the project.
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Looking into various dive numbers in the EXPD that are not being used for IS purposes. Trying to determine why Rich would have blocked them from loading. Just started investigating some of these.
 - Planning to checkout Ansible. I watched the video online - just need to implement.
- Out of Office

Week 21

- 300057 - Mooring Maintenance
 - Helped Jared F. begin setup and data tests of new instruments for the upcoming July 15, 2022 M1 Mooring turn.
- 701147 - MARS O&M IV

- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Dealt with some very frustrating issues merging and checking in code to VS Code this past week. I was able to submit a pull request for my UI changes to Mike M. earlier this week and hope the updates will be included in the next merge.
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902009 - AUV UI
 - Adding this project to my list of projects for this year - Kevin can you permanently add?
 - Built the MBARI LRAUV-dash2 code from the Sumo Creations Git repository. Most everything built easily (a few exceptions) and I had the system up and testing in 20 minutes. I spent some time on Slack chatting with Jim Jeffers of Sumo Creations this week as well. We are scheduling a ZOOM Meeting for next week (after the holiday) to go over the code, build and any other issues that I may be of help to them with including some react JS edits.
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Spent time this week helping various users with the CVS repo - forgotten passwords
 - Had several desktop computer update issues that got ironed out thankfully.
 - Spent some time better understanding various git commands and controls.
- Out of Office
 - Friday, May 27, 2022 and Monday, May 30, 2022 - Vacation for Memorial Holiday
 - Also, Doug was exposed to one MBARI employee that came down with COVID this past week. As a result, we are all staying off-campus until tested. We are hopeful it will not interrupt our holiday weekend.

Week 20

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Week 19

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- 902012 - Telepresence on MBARI Research Vessels

- 902202 - MBARI Cloud Integration Exploration
- Overhead -
- Out of Office
-

Week 18

- 300057 - Mooring Maintenance
 - Weekly maintenance and data checks.
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Ran into some issues trying to move my code updates into the main repo for SMDB this week. I have been working with Mike to try and determine what the issue on my local development system not working correctly. Today, I decided to completely rebuild the system from scratch. I am still having a few issues but hope to get it all up and running this week.
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- Overhead -
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-

Week 17

- 300057 - Mooring Maintenance
 - Spent more time than usual this week on Mooring work. Yesterday I prepared the test directory for the upcoming Mooring turn (scheduled for Jul 15, 2022) so Jared F. can begin testing the deployment set up. This is my first time preparing for a mooring turn without Rich so I have been extra careful with all steps in the process.
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
 - I have been focusing quite a bit lately on updates and enhancements to the SMDB Dash. I met yesterday with both Jenny and Mike M. to discuss my current progress and to get information on focusing on issues that they both would like to see with SMDB Dash once completed. Overall it was a very helpful meeting for my design and inclusion purposes.
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Attended (via ZOOM) the candidate interview/presentation for the SeaFloor processes position.
 - Helped various users with their repo accounts and access this week.
- Out of Office

Week 16

- 300057 - Mooring Maintenance

- Issue with Mt. Toro kept data downloads to SSDS from occurring over the weekend. Spent part of Monday working with Jared F. to check on the downloads and verify all was well following fixes to Mt. Toro.
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Shifting my attention to a good Leaflet Sidebar for the SMDB Dash. I am currently working to create and extend a new leaflet-proSidebar for use with the Dash. I am hoping to have a good working option this week.
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - Spent last week on vacation (daughter's Spring Break).

Week 15

- 300057 - Mooring Maintenance
 - Weekly maintenance and data checking.
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Spent most of this week working on various UI updates for the SMDB Dash.
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Looking forward to chatting with Jim Jeffers for the new LRAUV dash.
- Out of Office
 - Spent last week on vacation (daughter's Spring Break).

Week 14

- 300057 - Mooring Maintenance
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - April 4-8, Vacation

Week 13

- 300057 - Mooring Maintenance
 - Weekly maintenance and data download verification checks.
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Spent a lot of time updating and adding functionality to the SMDB Dash UI this past week. I was able to add leaflet measure, scale, mouse position, zoom, layer toggling of various maps including Google and ESRI options. Currently working to show tooltips (layer properties) in a more human readable format for users (putting on my regex hat after not using it for a while!).
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - DEI ZOOM meeting last Thursday.
 - Continue to look into the various missions on the EXPD that Rich flagged as those that will not load and blocked.
 - Looking into React JS for upcoming new Tethys Dash UI support as well as Vue and Quasar for other future UI architecture.
 - Met with Jim Jeffers and the new Tethys Dash team on Zoom meeting today. Jim and I will connect after the week of April 4-8.
- Out of Office
 - April 4-8, Vacation

Week 12

- 300057 - Mooring Maintenance
 - Weekly M1 mooring and monitoring of data downloads. There was a data issue with the M1 50m Microcat CTD over the weekend. I could not find any locked files and the problem seems to have cleared itself by Sunday. I was in touch with Jared and he was going to look into whether there were any obvious issues from his side.
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Continued updating the new SMDB Dash UI.
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - April 4-8, Vacation

Week 11

- 300057 - Mooring Maintenance
 - Mooring operation and maintenance checks.
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade

- 901009 - CANON
- 901101 - Seafloor Mapping
 - This week I have put in a lot of time on the SMDB Dash UI updates. I looked over various uses of the Vue/Quasar apps similar to Carlos' Dash UI. Mike and I discussed shifting but, based on time, decided to continue with the Bootstrap with leaflet path that we initially started with. I hope to create an SMDB test dash using Vue and Quasar in my non-project time instead.
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Began designing a test SMDB Dash using Vue and Quasar. I am also starting to look into React.js as that may be something I will need to be familiar with for other various projects.
- Out of Office

Week 10

- 300057 - Mooring Maintenance
 - Worked with Chris. and Jules regarding the maintenance of OA1 this past week. They fixed problems with the mooring and I then restarted the OA1 nightly downloads. So far, M1 and OA1 data downloads are now playing well together.
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Continue to update SMDB Dash UI using Bootstrap with Leaflet. I am working through listed requests and issues on the Github SMDB web site.
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Met with Carlos R., Mike M., Kevin B., Duane E., to discuss Carlos's great work on his Tethys Dash UI using Vue and Quasar. Carlos demoed the UI to illustrate how Vue and Quasar work very well together to build his Dash. I have been considering incorporating various aspects of his UI into the SMDB Dash UI as well.
- Out of Office
 - Vacation: March 17-18, 2022.

Week 9

- 300057 - Mooring Maintenance
 - Weekly maintenance and data checks
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Spent a lot of time looking into how to upgrade the current SMDB UI similar to the Dash UI developed by Carlos. Many of the aspects of the Dash UI followed closely to what the scientists would like to see.
 - Looking into Vue, Vue2-leaflet and Quasar as some possible directions to integrate into the SMDB Dash UI especially for Dash map leaflet controls and displays (dropdown requests between expeditions, etc) and map views.

- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Chatted with Chris W regarding the OA1 Mooring Maintenance at Hopkins Mooring site. The maintenance cruise is now scheduled for tomorrow (3/3). If successful, I will then restart the OA1 downloads.
 - Looking into various dives that were blocked or not able to load into EXPD for Video Lab. Still investigating.
- Out of Office
 - Vacation:

Week 8

- 300057 - Mooring Maintenance
 - M1 data downloads were problematic last week. It was determined that the OA1 data downloads were "stepping on" M1 downloads. I shut down all OA1 data downloads as a result. This is most likely due to hardware issues (probably a dead battery) on OA1. I reached out to Francisco, Chris and Jules regarding when the next OA1 maintenance will happen. Chris filled out a pre-cruise to fix the OA1 mooring for March 3, 2022. I will continue OA1 downloads once the maintenance has been completed.
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Still addressing the project "issues" list checking into higher resolution maps for Jenny P.
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Still working with Lonny in the VL to make sure that the miniROV dives on non-MBARI ships are all ingested properly into the EXPD.
 - Short week due to a holiday this Monday.
 - Had my laptop fixed by Apple and got my computer back on Tuesday.
- Out of Office
 - Vacation:

Week 7

- 300057 - Mooring Maintenance
 - Weekly maintenance and data verification checks.
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Continue to address project SMDB web issues brought forward by team members. I am currently implementing some of these requests into my own local development server.
 - Looking to see if there is a way to add GMRT (high resolution 100m grid) bathymetry maps to the SMDB basemap for further ZOOM capabilities.
 - I have had to wait to test many of my changes on the actual server due to Titan being down for various upgrade reasons.

- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Continue to help with integration of miniROV dives and expedition ships into the EXPD for ITD.
 - Staff Survey
- Out of Office
 - Taking my laptop to an AppleCare Genius Bar Friday afternoon to fix an internal retina screen display crack issue. They may need the laptop throughout the weekend. I am unsure how long the fix will take at this time. Happily, the laptop is still covered for this fix through Apple Care. The lack of the computer main monitor has been somewhat disruptive to my work but I am able to still do my work though my monitor at home.
 - Vacation:

Week 6

- 300057 - Mooring Maintenance
 - Weekly maintenance and data verification/validation
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
 - Continued to work on various issues and requests for the SMDB dashboard. I hope to push my updates out to the group soon.
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Met with the SWE group to discuss various data discrepancies and processing within the EXPD over the years. Looking at records from the early 2000's show quite a few dives that have been blocked for nightly loads due to various issues. I have been assigned to start looking into the reasons for these data failures and hopefully bring them to a conclusion of how to integrate them into the EXPD.
 - Met with the Video Lab (VL) and SWE group related to the uploading and nightly processing of the miniROV data, especially on non-MBARI ships. The meeting helped to clarify the steps of communication between the ROV operators, the Video Lab and myself on properly transferring and uploading the data and searching for the data via the postcruise.
 - I spent a bit of time following up from the VL discussion on the miniROV dives and worked with Lonny to add three non-MBARI ships to the postcruise search list, add their expeditionID and establish miniROV dives to those expeditions.
- Out of Office
 - Vacation:

Week 5

- 300057 - Mooring Maintenance
 - Weekly maintenance and data accuracy review
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping

- Spent a bit of time this week meeting with Jenny P. and Mike M. I will be focusing on various web page related issues and requests by Jenny.
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Reviewing internal documentation written last summer by Rich regarding how to add MiniROV and various potential Ships of Opportunity (Platforms) to the EXPD. A meeting this Friday is planned for the VL and those of us in Software Engineering that deal with the EXPD to go over proper steps to smooth this process out.
- Out of Office
 - Vacation:

Week 4

- 300057 - Mooring Maintenance
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - Vacation:

Week 3

- 300057 - Mooring Maintenance
 - Weekly checks and server/scripts maintenance.
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
 - The majority of my time this week has been looking into various SMDB (Ocean Imaging) issues listed under the project's Github page.
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- Overhead
 - Involved in discussions with DMO and VL on the MiniROV data ingest to EXPD. Kevin G. will call a meeting with all when he is available.
- Out of Office
 - Vacation:

Week 2

- 300057 - Mooring Maintenance
- 701147 - MARS O&M IV

- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
- 901602 - Data TAG
- 901915 - Improving the Impact of MBARI's Data
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - Vacation: December 22, 2021 - January 4, 2022. May extend this to spend some more vacation time with my daughter.

Week 1

- 300057 - Mooring Maintenance
- 701147 - MARS O&M IV
- 701147.99 - MARS IV Node Upgrade
- 901009 - CANON
- 901101 - Seafloor Mapping
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- 901915 - Improving the Impact of MBARI's Data
- 902012 - Telepresence on MBARI Research Vessels
- 902202 - MBARI Cloud Integration Exploration
- Overhead
- Out of Office
 - Vacation: December 22, 2021 - January 4, 2022. May extend this to spend some more vacation time with my daughter.