

Karen Salamy Sorted By Project

200103 - Core CTD Data - MDUC

- Meeting with Kevin B. tomorrow (via ZOOM) to discuss ROV O2 knowledge transfer. (Week 2)
- Met with Kevin B. via ZOOM to discuss ROV CTD QC work upload. (Week 3)
- Performed ROV CTD QC updates to the EXPD based upon Ed Peltzers email from Jan 4. All CTD changes were successful within the EXPD. I had to perform a few of them twice to adjust comments and email dates.... :-). All ROV CTD QC for 2022 should now be completed. (Week 3)
- Met with Ed P., John R., and Kevin B., to go over the ROV CTD QC steps to update the CTD data into the EXPD. I am now taking over the updates to the EXPD for the team. (Week 4)
- Need to speak with Neil C. regarding some scripting issues failing after maintenance on the coredata server. (Week 4)
- Plan to discuss server mounting issues following a reboot of coredata with Neil. Quite often there are issues with server mounts after a software update on coredata or a restart. I would like to understand more on why this occasionally happens and how to circumvent the issue. (Week 8)
- Began working on updating the rovctd data sets for the last few ROV dives of 2022 into the EXPD for Ed. P. (Week 9)
- Yesterday, I encountered a recurring issue of crontab not locating the forever @reboot script to restart the rovctdqcplot servlets. I enabled a crontab email and text system to alert me every time coredata8 is rebooted so that I can check the plot page for Ed. I plan to speak with Peter about figuring out how to fix these reboot issues in the near future. (Week 9)
- Updated several docr ROVCTD incorrectly flagged O2 values for Ed P. and Kim R. from 2019. (3/17/2023) (Week 12)
- Updated several ROV CTD Data to the EXPD for vnta dives from last week. A new CTD was installed on the ROV which unfortunately encountered some failures for several of the dives. (Week 20)
- Processed weekly ROV CTD O2 data information into EXPD for Ed. (Week 21)
- Updated EXPD values for Ed P. (Week 23)
- Updating ROV CTD data in the EXPD today (Week 24)
- Processed last several Ventana dives into EXPD (Week 26)
- Restarted rovctdqcplot scripts on coredata today (Week 28)
- Weekly checks on updates to the EXPD (Week 30)
- Updating weekly ROV CTD-QC edits into the EXPD for Ed P. (Week 33)
- Weekly updates to EXPD of ROV CTD QC data checked by Ed. P. (Week 34)
- Weekly updates of ROV CTD QC to EXPD (Week 35)
- Awaiting EXPD ROV QC updates from Ed P. (Week 38)
- Awaiting updates from Ed P. (Week 39)
- Still awaiting updates from Ed Peltzer on recent ROV dives. (Week 46)
- Ed is buried with hazmat issues and the MARS node recovery and pressure vessel safety due to decomposition products from arcing. I will be on hold with ROV CTD QC until he has finished with this task. (Week 48)
- Still waiting for the last 6 weeks of updates from Ed Peltzer..... (Week 49)
- Still awaiting Ed P. QC updates for the past 2 months. He indicated that he will be working on it this week. (Week 50)

300057 - Mooring Maintenance

- Checking in on the Mooring - lost the ADCP data downloads last week. Staying tuned to being of help in any way possible to get the ADCP back online and data downloads working again. (Week 2)

- Checking in on data downloads and to monitor issues with the ADCP now currently working on the mooring. (Week 3)
- Performed weekly checks on data downloads and scripts. (Week 4)
- Checked data downloads and integrity. (Week 9)
- Weekly data checks for mooring data. (Week 12)
- Monitoring the CTD cable issues on M1. (Week 13)
- Monitoring the CTD cable issues on M1 (Week 14)
- Monitoring the issues with the M1 microcat CTD data. (Week 15)
- Awaiting updates with regard to the CTD download issues from Jared. (Week 17)
- Continue to monitor the CTD issues on M1. (Week 18)
- Weekly maintenance and observation (Week 19)
- Helped Kent restore downloads to the 2023 M1 test deployment directory on coredata (Week 20)
- Updated T-String information for the 2023 M1 test directory for Jared (Week 20)
- Helping with upcoming Mooring Deployment. (Week 21)
- Working with Jared to prepare for the upcoming M1 deployment (Week 23)
- Working with Jared F. to get the system downloading data properly prior to the deployment, currently scheduled for June 23, 2023. Currently we are having some serious issues with the radio for the new deployment. We are actively working to find out what the main problem with data downloading is. (Week 24)
- Was on-call Friday for the M1 turn. Was not needed in the end. :- (Week 26)
- Check daily downloads (Week 28)
- Updated various emails with Francisco's help for the special1_process_hourly scripts. Several recipients have recently changed institutions. (Week 28)
- Weekly monitoring of system status. There has been an issue with one of the CTDs sending/SSDS downloading data from M1 recently. (Week 30)
- Weekly maintenance and operational checks (Week 33)
- Weekly checkin and maintenance as needed. (Week 34)
- Weekly checks and maintenance. (Week 35)
- Weekly data download checks and maintenance (Week 36)
- I spent quite a bit of time working to help Francisco and his team with their deployment and data download issues for OA2 over the last week. In addition, OA1 has stopped downloading data (could not acquire TNC port). I am working with Francisco on trying to bring that back up and online this week. (Week 38)
- Still working with Francisco and his group to try and get OA1 back on line. (Week 39)
- Waiting on Francisco's group to finalize OA1 maintenance as to why it has stopped downloading data. (Week 40)
- Looked into the status of the M1, OA1, and OA2 moorings. (Week 46)
- Checking in with some of the download failures with M1, OA1 and OA2. The two latter moorings appear to go through intermittent connection losses but re-establish after 10-12 attempts. (Week 48)
- Have performed weekly checks and have been in contact with Francisco regarding the long data download failures for both of OA1 and OA2. I have not heard from Jules as to whether he was able to determine what the issues were. The downloads have been less often of late. (Week 49)
- Spoke with Chris Wahl and Jules regarding the continued issues with the OA1 mooring downloads over the last 6-8 weeks. They are planning another mooring maintenance check in the upcoming weeks to see if the intermittent downloads are related to a cable or a radio malfunction. (Week 50)

901101 - Seafloor Mapping

- Made a few edits to the Dash. (Week 2)
- Plan to meet with Jenny and Mike this week via ZOOM if possible. Jenny will be leaving for an upcoming cruise on the Falcor so it would be good to coordinate before she leaves on needed tasks for the SMDB UI. (Week 8)
- Spoke briefly with Jenny P. about her ideas on improving the SMDB dash when she returns in 2 months from her mapping cruise on the Falcor. (Week 9)
- Reviewing some of the UI code prior to Jenny P.'s return in a few weeks. (Week 12)

- Meeting tomorrow with Jenny, Mike M., and Dave C., about the project for the year ahead. (Week 21)
- Read through SMDDB proposal for 2024. Will meet with Mike M. on new UI updates for team. (Week 26)
- Read the most recent proposal feedback by management. (Week 34)
- Spoke with Mike M regarding the Capstone student project to aid in the new EXPD development. (Week 36)

902101 - LRAUV Technology Development and Fleet Operations

- Building up Dash with the newest code to test. (Week 2)
- Began building the new updated LRAUV Dash for testing. (Week 3)
- Working on building LRAUV Dash from updated code on Github. Working through dependency build issues. (Week 4)
- Spent some time working with React JS from online courses on Pluralsight. (Week 4)
- Met with Brian K. yesterday. Began spinning up on the LRAUV project by viewing a video on controlling LRAUVs via the existing UI. We discussed the project and I have a list of issues I will be addressing over the next few weeks including a new GIRA bug list, installing the SUMO UI on a local server and setting up missions for an upcoming field operation. (Week 8)
- Spinning up on taking over Dash UI responsibilities from SUMO creations. (Week 9)
- Held a ZOOM meeting with Jim J. on initial steps to do (Week 9)
- Steps include building the UI from scratch from the Github site, hash out any install issues and fix them, and integrate the dash on a local server (oceanids?) for hosting and set up a JIRA bug tracking site for the project team. (Week 9)
- I have also spent time getting acquainted with the current dash to best understand users' needs with the UI. In addition, I set up transects for the upcoming EcoHAB missions for the team, updated the team using the Slack channel and pinned it for future referral. (Week 9)
- Spent time creating a fork from the Sumo Creations Github repository. Yesterday I was able to add the GMRT WMS map to the LayerControl method. (Week 12)
- Helped Carlos move the new-Dash5 repo to oceanids.mbari.org (new Dash5 button on the) site now. The LRAUV team is already trying to work with the new UI. They are finding a lot of issues that appear to now currently work (sending commands to vehicles, responsive view for mobile phones, etc not working). (Week 12)
- I will be trying to compile all of these issues along with those from the LRAUV team into a bug system.. (Week 12)
- Speaking with Jim Jeffers about transfer of the SumoCreations new-Dash5 repo to the MBARI Github repository. (Week 12)
- Spent a lot of time this week familiarizing myself with the Dash5 code. I have been addressing multiple issues on the new Dash5 in an effort to get the most critical issue resolved prior to the team's ECOHab deployments in April. (Week 13)
- Worked with Jim Jeffers to move the newUI to the mbari-org/dash5 Github repository. (Week 13)
- I built-up the GitHub issue tracker section of the mbari-org/dash5 with all of the prior bug issues, feature requests from the team's Google Docs spreadsheet. Brian will plan to delete this spreadsheet in the near future and shift completely to the GitHub issue tracker. (Week 13)
- EcoHAB week. Working diligently to get issues and bugs resolved ASAP for the LRAUV team. This project is taking up most of my time this week. (Week 14)
- I have been focusing mainly this week on addressing implementation of tools and bug fixes on the LRAUV dash5. (Week 15)
- Cleaned up the tethysadmin's home directory of unneeded dash5 development folders for Carlos. (Week 15)
- Working on bugs, issues and UI requests for the project. (Week 17)
- Ordered various books on React JS on how to build third-party plugins to apply to React-Leaflet. (Week 17)
- Working on 3rd party applications to upgrade them to work with React 18+. Many of the 3rd party apps that Carlos used for dash4 have not been upgraded in 4+ years and require updates to get them to work with the new dash5. (Week 18)
- Working to upgrade requested map components for the team (Week 19)

- Spoke with Jim Jeffers. He has some time left and is going to try and help with more critical Front End issues and bugs as he is most familiar with those components. (Week 19)
- Working with map updates for the team. (Week 20)
- Brian wants to show the new Dash5 to the Board for the DOEST in June. Lots to do beforehand to try and get ready. (Week 20)
- Have requested to have a meeting with Brian K. sometime this week or next to go over Dash5 and expectations from both Sumo Creations as well as myself. (Week 20)
- Working to get various UI functionality working with the new dash5 ahead of DOEST (Week 21)
- Working with Jim J. and Carlos R. to edits some important team requests for the dash5. (Week 23)
- Working with Jim Jeffers at Sumo Creations to get various Dash5 map requests working for the LRAUV team including elevation, scaling, and split panes. (Week 24)
- Working with Jim Jeffers to add Dash5 map improvements including elevation (depth), split pane, and scale/measurement. (Week 26)
- Focused on building various map components for Dash5 with Jim Jeffers (@Sumo) including elevation with coordinates, splitpane control and scaleControl. Still battling GoogleAPIkey error issues. (Week 28)
- Working on main Dash5 requests and issues with SUMO Creations in React. (Week 30)
- Worked with Jim J. to finally get the GoogleMapsApiKey to work smoothly in Dash5 (Week 33)
- Now have elevation working (Week 33)
- Now have split-view pane between map and vehicle control working (Week 33)
- Currently working on react-leaflet-measure code refactoring (Week 33)
- Continue to check off requested functionality for Dash5 working with Jim Jeffers. We have now implemented: (Week 34)
 - Elevation on maps (Week 34)
 - Measurement Tool (Week 34)
 - Geometry Toolbar (Week 34)
 - Split-Pane control (Week 34)
- Spun back up to the Dash5 GUI work after a month in jury duty. (Week 46)
- Continue working on Measurement control in Dash5 (Week 48)
- Dash5 work. (Week 49)
- Making headway on various map applications for the LRAUV team. (Week 50)

Out of Office

- Feb 13-24: vacation/father's estate finalizations.
- Will be returning into the office 3 days/week starting next week (storms and floods allowing).
- Feb 9-17: vacation/father's estate finalizations.
- Now in the office 3 days/week M, T, Th..
- Spent last week out of the office helping family with my father's memorial and estate management.
- VACATION: June 19-23, 2023
- VACATION: May 30, June 19-23, 2023
- On-campus 3 days/week (**M, T, Th**).
- On-campus 3 days/week (**T, W, TH**).
- Sprained my back on Monday and am currently working from home due to the pain. Hopefully "back" in the office next week. (pun intended)
- Out-sick T, W.
- On vacation Tuesday of this week.
- I will be out this coming Monday (September 25) on personal leave.
- I have been called for jury duty for the week of October 2-6 and will send a note should I be chosen to serve on a trial during that week.
- I *may* have to serve on jury duty (final jury selection will be next Monday). If chosen, I will be asked to serve ~8 weeks..... NOT kidding.....
- JURY DUTY

- **JURY DUTY (until first week of Dec).**
- **JURY DUTY (until first week of Dec). - Finished up jury duty late last week. Decompressing a bit.**
- Back from Jury Duty.
- Had some personal meetings and doctor visits this week.

Overhead

- Worked with Lonny L. to upload the Aug-Sep 2022 MiniROV Arctic Cruise Data into the EXPD. (Week 2)
- Provided Kevin G. with peer review comments. (Week 3)
- Cleared through a ton of older emails from late last year. (Week 3)
- Storms and flooding inhibited my coming into the office (onsite) last week. I have resumed being onsite this week (3days/week - M, T, and Th). (Week 3)
- Worked through a lot of emails from the previous week while I was out of the office. (Week 8)
- Mike M. has asked me to begin updating the precruise to include the R/V David Packard (dpkd). (Week 9)
- I have sent an email to both Mike K. and Matt to ask about policy changes between the wfly and the dpkd for the precruise. (Week 9)
- I plan to have it up-to-date by summer. The first dpkd cruise is scheduled for July (Week 9)
- Preparing to update the precruise web forms to include the R/V David Packard. (Week 12)
- Q1 Check-in with Kevin. (Week 13)
- Preparing for my office move either this week or next week. (Week 17)
- The move will most likely take a day or two to complete once the office finished. (Week 17)
- Participated in a few field trips for my daughter's class over the last week. The summer is almost upon us and the school has been requesting more parental participation. (Week 18)
- I have been reviewing the code for the precruise, files that need to be changed and edited in order to add the R/V David Packard to the ship list. I will focus on this in a week or so after I have tried to implement the LRAUV 3rd party edits to dash5. (Week 18)
- Preparing for my office move. It may happen as early as next week. (Week 18)
- Added R/V Packard to ship lists in Precruise. I will need to test these changes prior to making them "live" for users. (Week 19)
- Working with the SE team to turn out an Abstract and proposal for the EXPD modernization. (Week 20)
- Meeting with Mike M. today to discuss the proposal as well. (Week 20)
- Awaiting word from facilities regarding my new office being completed (hopefully today). I will try and move by the end of this weekend or early next week. (Week 20)
- Office Move this past week. My office location is now with Carlos in Bld. A258. (Week 21)
- Finishing up final office move transition (Week 23)
- Helped Matt S. with precruise distribution list "reply-to" issue. (Week 23)
- Met with Kevin for quarterly update. (Week 26)
- Met with Mike M. on ideas and requirements for the EXPD modification proposal. (Week 26)
- ZOOMED in on Andrew M. presentation yesterday. (Week 28)
- Spent time working with Doug C. on new computer upgrade options. (Week 28)
- Met with Kevin G. to discuss some project proposal requests for my time. (Week 30)
- Received my new laptop from IS yesterday. I have been spending some time to transfer files and update Apps today. (Week 30)
- Working the Open House this weekend. (Week 30)
- Continue to try and setup my new laptop before turning in my old one to IS (Week 33)
- Spoke with Mike M. about setting up a requirements list for his class at Capstone. He will suggest they design and build a new UI similar to the one that we will take on for the new EXPD web UI at MBARI. This will allow new ideas from the students. Actually, a great innovative idea on how to approach the new EXPD web Form. (Week 33)
- I have my new laptop. IS is requesting I copy over all data from my old laptop and turn it in ASAP. This is taking up more time than I had thought. I hope to get it to them next week sometime. (Week 34)
- Returning my old computer to IS today. Cleaning up various files and folders. (Week 36)

- Spending time working through online React 18+ tutorials. (Week 39)
- I am spending some time with React 18+ tutorials (Week 40)
- Added comments to the Change Management and Software Development Policy doc. (Week 40)
- React 18.2 tutorials. (Week 49)
- Need to work with Doug Conlin as my new laptop power cable no longer charges my computer... ?? (Week 49)
- Continue with tutorials for React 18.2 online and via various books. (Week 50)

Overhead - Reading through lots of email during my jury duty service.

Overhead - Spinning up again on React tutorials.