

Karen Salamy Sorted By Project

200103 - Core CTD Data - MDUC

- Still waiting for updates from etp3.... (Week 1)
- Still awaiting ETP3 updates for ROV CTD QC data on last 2-3 months of dives. (Week 2)
- Still awaiting update from Ed P. (Week 3)
- Awaiting updates from Ed Peltzer. (Week 5)
- Awaiting updates from ETP3... (Week 6)
- Waiting on Ed P. to update dive QC info (Week 8)
- Awaiting updates from Ed P. (Week 9)
- Still awaiting updates from ETP3. (Week 11)
- Still awaiting updates from Ed P. There have been over 50 dives since his last update (over a 6 month period). I know he is busy on other projects but will try to connect with him again next week. (Week 13)
- Sent an email to Ed P. regarding any O2 flag updates. It has been 7 months (55 dives) since his last group of updates for me. He is planning to retire in August, however, he currently has no replacement for performing this O2 flag work. (Week 17)
- Still awaiting updates for the ROV CTD O2 flags data..... (Week 18)
- Spent some time updating the EXPD with ROV CTD O2 flags provided this week by Ed Peltzer. He has now updated almost 50% of the backlog of CTD O2 flags from VNTA dives since September 2023. Thanks Ed! (Week 19)
- Awaiting updates from Ed. Peltzer for the most recent ROV dives. (Week 25)
- Updated ROV CTD O2 QC for various Ventana dives in the EXPD. (Week 27)
- Updated some ROV CTD O2 QC data in the EXPD for various dives. (Week 28)
- Entered the last 5 Ventana ROV CTD O2 updates from Ed P. into the EXPD this week. (Week 30)
- Working to update ROV CTD O2 QC dives in the EXPD. These are the last updates from ETP3 before retirement. Have a great retirement Ed and thanks for everything over the years! (Week 31)
- Updated ROV CTD QC flags in the EXPD as per Ed Peltzer's emails. (Week 32)
- Wishing Ed a wonderful retirement. Thanks for everything throughout the years. (Week 32)
- Completed the last of the Ventana CTD O2 EXPD updates for Ed Peltzer before his retirement. (Week 33)
- I believe Rob Sherlock will be taking over the duties of "chemist" moving forward. (Week 33)
- Awaiting updates from Rob Sherlock since Ed Peltzer's retirement. (Week 36)
- Updated ROV CTD O2 QC into the EXPD. Rob Sherlock has taken over those duties from Ed Peltzer following his retirement. (Week 37)
- Updated a ROV CTD O2 QC dive for Rob S. (Week 39)

- Quick updates to the ROV CTD spreadsheet this week. (Week 43)
- Set O2 QC flags for recent Ventana Dives per Rob Sherlock emails. (Week 48)

300057 - Mooring Maintenance

- Performed New Year and last year updates on M1, OA1, and OA2 data download scripts on coredata and draco. (Week 1)
- I have spent a bit of time in the new year making sure all of the mooring (OA1, OA2 and M1) data is downloading correctly and into the correct folders. I found a few errors in the data download location for OA1 data and have worked with Jules F. to fix it. (Week 2)
- Monitoring downloaded data from M1, OA1, and OA2 daily. M1 and OA2 are looking good. I am waiting for a mooring turn or maintenance update from Francisco, Jules or Chris W. The OA1 mooring appears to be completely out of power at the moment. (Week 3)
- Monitoring and service of coredata8 and daily downloads from mooring systems. (Week 5)
- Weekly checks on data downloads, etc. (Week 6)
- Weekly checks and monitoring of downloaded mooring data. (Week 7)
- Weekly checks on data downloads and maintenance. (Week 8)
- Weekly maintenance and performance checks. (Week 9)
- Weekly maintenance and monitoring of data downloads (Week 11)
- Weekly data download and server / script check. (Week 13)
- Built a new M1 Mooring Deployment 202406 directory on coredata8 for Jared to begin instrument testing prior to the June 27, 2024 M1 deployment. (Week 16)
- The new M1 deployment is scheduled for June, 2024. I have created a new test and deployment directory for Jared to use once instruments are online. He does not have the instruments planned out yet for the deployment but hopefully will soon. (Week 17)
- Weekly monitoring and data download checks (Week 18)
- Weekly monitoring of data downloads and maintenance of coredata8 server. (Week 19)
- Working with Jared and Kent to determine what is causing the data download failures with the M1 Test system. (Week 24)
- This project has taken up quite a bit of my time this week. The upcoming M1 deployment is scheduled for June 27. Unfortunately there have been some issues with OASIS communicating with the radio. Downloads have been sparse and inconsistent. Jared and I asked Kent H. to step in to help with tracking down the issue. Various changes have been made and a mostly successful download happened within the last hour. The actual issue is still not clearly resolved but we are making progress. (Week 25)
- Worked with Jared and Kevin G. on June 27 to successfully deploy the new M1 2024 into the bay. (Week 27)
- Check ins for the newly deployed M1 Mooring. (Week 28)
- Mooring download maintenance (Week 29)
- Checked into a potential download race situation and updated the crontab to see if that fixes it. (Week 29)
- Monitoring a download issue with OA2. Downloads have been failing since midnight. There appear to be no lock file issues. Jared thinks the downloads may be “stepping on

one another” but nothing in the cronjob has changed for either in the last year. I will keep an eye on this until I hear back from Jules on whether they know of an issue with the mooring. (Week 30)

- Keeping an eye on the mooring downloads, particularly OA2 which was having issues earlier in the week. (Week 31)
- Mooring data download checks. (Week 32)
- Data download issues appear to have resolved with my last cronjob update on coredata8. Slight changes in the processing times seemed to do the trick on the data downloads “stepping” on one another. (Week 33)
- Weekly check on data downloads (Week 36)
- Spend some time monitoring data download failures for the OA2. Downloads were failing during the daytime versus at night - which I would have suspected to be caused by solar panels or battery issues. Instead, downloads resumed during the night (about 1AM). My current theory is that the system may be used by Stellar Sea Lions who rest during the day and feed at night. (Week 37)
- Have been monitoring some data download issues with OA2. Downloads for the last month or so have been intermittent. When they fail during the day, they tend to catch up at night often after midnight. I also noticed that the Battery Monitor folder was not updating daily since August 4. (Week 39)
- Set up OA1 202409 deployment testing on coredata8. (Week 39)
- This week I spent more time than usual working to properly set up the upcoming OA1 mooring deployment for the Chavez group. The system will be deployed sometime in October is currently sitting on the dock for data test downloads and instrument checks. Currently, all downloads look good for the system. (Week 40)
- Weekly monitoring of Mooring data downloads. OA2 still has download issues during the days but tends to catch up at night. OA1 is still on the dock for testing. It is to be deployed sometime later this month. (Week 41)
- Weekly data download maintenance. Watching several of the intermittent OA1 and OA2 download failures. I am not sure of the actual source of the problem but they do catch up again when finally connected. (Week 43)
- Checked in on data downloads and various mooring behaviors and failed connections. (Week 48)

901101 - Seafloor Mapping

- First meeting is now set for February according to Jenny P. (Week 2)
- First meeting of the year is currently scheduled for February. (Week 3)
- Will meet next week for 2024 project kickoff. (Week 5)
- Met with the team briefly on next steps. (Week 6)
- Began working on requested issues for the SMDB UI. With my new computer, however, I have been having some issues with the build today. (Week 18)
- I have spent quite a bit of time this week attempting to bring the SMDB local build up on my new laptop which contains the Apple M2 Max chip. This has caused some delays in requested UI edits as well as trouble building and integrating MB System (which does not currently support the new chip). (Week 19)

- Added new css updates and fixes for the SMDB UI. (Week 24)
- Attended a meeting today with both Jenny and Mike M. This will be our last meeting until August as both Jenny and Mike will be out of town for several weeks. (Week 25)
- Sent a PR request for a dash update. (Week 27)
- Working on various requested updates for the SMDB team. (Week 28)
- Began looking into various update requests from Jenny. (Week 43)

902101 - LRAUV Technology Development

- Dealing with a bug in the measure app for DASH5. (Week 2)
- Spoke with Brian K. about progress on the React-Measuring application that I will be adding to Dash 5. He indicated that he liked what I have so far and asked me to make sure I took the time to take a subversive React course this year if possible. (Week 3)
- Making small changes this week as I am taking the React 18.2+ course. (Week 5)
- On hold while I am taking my react 18 online course. (Week 6)
- Testing a few updates following relevant course material (see Overhead). (Week 7)
- Checked in on contract for Sliced Bread so Jim J. can begin helping me with Dash5 updates. (Week 8)
- Made some edits to the Measurement app for Dash5. (Week 9)
- Began working again with SUMO creations coder Jim Jeffers, he is more of a support role. (Week 13)
- Have attempted to speak with Brian the last week but he is very busy preparing for the next deployments at sea. (Week 13)
- Had several ZOOM meetings with Jim Jeffers regarding LRAUV team upgrades to Dash5. He will begin focusing on other map layer functionality while I complete the Measurement Map app. (Week 16)
- Large focus on Dash5 development. Had my weekly meeting with Jim Jeffers - which has been very helpful. We are trying to knock out as many map-related Github issue requests as possible for the team. (Week 17)
- Held a weekly meeting with Jim Jeffers as we continue to discuss the various Github issues still needed to be addressed for the team. React has not been an easy shift from Vanilla JS..... (Week 18)
- I have spent less time this week on this project due to the SMDB build issues. I do have another meeting with Jim Jeffers tomorrow morning however to continue discussion of updating and editing the Dash5 to better support the LRAUV team. (Week 19)
- Working with Jim Jeffers to complete the map updates for the Dash5 (Week 24)
- Had my weekly meeting with Jim Jeffers of Sumo Creations on Tuesday. His knowledge of the existing code is greatly appreciated and of huge help and importance. (Week 25)
- Spent more time this week on updates to the LRAUV Dash5 UI working with Jim Jeffers. (Week 27)
- Planning to check in some code updates this week. (Week 27)
- Working on Dash5 code upgrades most of this week. Meeting with Jim Jeffers to go over various code aspects in our weekly meetings. (Week 28)
- Finally figured out the issues with my Github account and am currently working to update the Dash5 main and push the changes out to okeanids. (Week 29)

- I was able to finally implement a large Dash5 Map update earlier this week. Some bugs may remain but the system on okeanids server is now running the most recent version of the code. (Week 30)
- Pushed various map updates to the repo on Github and updated Dash5 on okeanids this week. (Week 31)
- I also had my last ZOOM meeting with Jim Jeffers. Hopefully he has given me enough to complete the issues for the map over the next few months. (Week 31)
- Updated Dash5 on okeanids server this past week with various map updates. (Week 32)
- Have run out of time with Jim Jeffers for the summer. (Week 32)
- Chasing a few bugs in the code before performing the next pull request to the main. (Week 32)
- I have spent a lot of time adding code updates onto the okeanids dash5 server for the LRAUV UI. Despite much effort, my knowledge of React coding has not materialized fast enough for the team. (Week 33)
- Worked this week to continue various code upgrades for the LRAUV Dash5 UI (Week 36)
- I continue to work on map updates for the Dash5 UI. I am currently working on vehicle color display changes that the users can quickly adapt for viewing purposes. (Week 37)
- I continue to work on map updates for the Dash5 UI including changing the vehicle display colors and visual preferences for the uses to choose. (Week 39)
- Spent some time this week learning about Modals in React and how to properly utilize them for the dash5 UI. (Week 40)
- Continue working with modals to properly update VehiclePath information on Dash5. (Week 41)
- Continue hashing out Modals in Dash5 (Week 43)

902403 - Expedition DB Modern

- First meeting kicked off yesterday afternoon. (Week 2)
- Sent a request to various science and engineering science lab managers who submit pre/postcruises often asking for feedback on the existing web forms and what functionality would help streamline their experience. (Week 2)
- I heard back from several of the science labs on how to improve their pre/postcruise experience moving forward as we consider mock-ups. I will bring the comments to the next meeting. (Week 3)
- Attended bi-weekly meeting last week. I will be assembling all science input for the new EXPD mockups for the team. (Week 5)
- Attended this week's meeting. Will carve out some time to try and write up a few simple user requests between now and the next meeting. (Week 6)
- Working on generating EXPD diagrams for improvements requested by users. (Week 7)
- Looking at upgrade testing scenarios and stories. (Week 11)
- Chatted with Mike M. about various tests and test UIs for the team to date. (Week 13)
- Spent some time working on use (Week 16)

- Working this week on various test scenarios for Science functionality requests for the upgraded EXPD and what would need to be provided on the back end to make these requests happen. (Week 17)
- Attended the biweekly EXPD modernization team meeting yesterday afternoon. (Week 18)
- Spent a little time going over various needs that the new EXPD would need to be addressed in order to provide Science Users with their various requests. (Week 19)

Continue to work in a few React 18 tutorials when possible.

Out of Office

- On-campus 3 days/week (**T, W, TH**).
- Feb. 29 - Mar 10 - Trip to east coast for personal family reasons
- **April 4th - Trip with daughter while on Spring Break**
- Last minute Drs. appt. this AM in Watsonville.
- Battling a cold this week at home.
- Working from home today (W) for family reasons but back in the office tomorrow.
- I will be out tomorrow morning for a doctor's appointment.
- I will be out several days this month (May 21-22) for shoulder surgery.
- Out sick much of this week - fighting a virus.
- Back in the office following a flu virus.
- Working from home this week to care for pup recovering from surgery.
- Vacation: August 20-28, 2024
- US React Summit Conference: November 19-24, 2024, NYC.
- Returned from a long week of personal vacation with family.
- Monday, Oct 7, 2024 - Vacation
- Friday, Oct 11, 2024 - School Chaperone Activity for my daughter's class to UCSC
- Monday, Oct. 7, 2024 - Vacation day.
- Vacation: Friday, Oct 25, 2024 - Having another shoulder procedure and will be out the whole day.

Overhead

- Spent a lot of time catching up on emails following the holiday vacation break. (Week 1)
- Catching up on tons of emails from the holiday..... (Week 2)
- Looking through various REACT examples to fix the current Measurement bug in DASH5. (Week 2)
- Coding tutorials, talks, surveys, emails, etc. (Week 3)
- Take the online React 18.2+ course (just out!) called "The Ultimate React Course 2024" by Jonas Schmedtmann which includes Context API, React Query, Redux Toolkit, Tailwind, advanced patterns in React 18.2+. The online course is with Udemy and is 67 hours long. Certification is at the end. (Week 5)

- Class: The Ultimate React Course 2024: React, Redux & More by Jonas Schmedtmann on UDEMY.COM. Very informative and helpful course so far! Highly recommend. (Week 6)
- The Ultimate React Course 2024: React, Redux & More - Online course covering React 18+. In total the course will be ~67 hours long. I am almost halfway through at this point. (Week 7)
- React 18+ online course. Extremely good course but it is 67 hours long!!!! (Week 8)
- Updating the EXPD links on Typhoon to the M3_ANNOTATIONS, M3_VIDEO_ASSETS and VARS_KB from perseus to venus for Brian and Mike M. (Week 8)
- Updated VARS Database (M3_Annotations) to point to the new venus server. (Week 9)
- Continuing with online React 18+ course work. Will continue this while on vacation as well. (Week 9)
- Returned from vacation and currently going through emails. I ended up not having Wifi access where I was staying. (Week 11)
- Worked with Kevin and Mike to determine why ROV CTD dive data was not properly transferring from the R/V Carson to shore. (Week 11)
- Continuing online React 18+ course and applying lessons learned to some dash5 code. I highly recommend this class for anyone learning the latest version of React. (Week 11)
- Spent a lot of time working on various aspects of React 18 and how to better work within the Dash5 code as I learn the language. (Week 13)
- React tutorials as time allows. (Week 18)
- Attended various ZOOM meetings including project updates throughout the week. (Week 19)
- Attending some physical therapy sessions for my shoulder over the next month or so. (Week 25)
- Continue to work in a few React 18 tutorials when possible. (Week 25)
- Looking into attending the React Summit US conference in NYC Nov. 2024. (Week 27)
- Received notification from Cindy that my travel request to React Summit US in November has been approved. I spent some time setting up my lodging, registration and flights. (Week 29)
- Worked with Kristin to determine my HSA enrollment changes for 2024-2025. (Week 29)
- Attended workplace violence online seminar and completed self-certification (Week 31)
- Completed my travel plans, tickets and stay for the US React Summit in November. (Week 31)
- Transferred pre-cruise responsibilities from Matt S. to Lisa E. while Matt is in Europe with the R/V David Packard. (Week 31)
- Attending various talks and meetings throughout the week. (Week 32)
- Watching intern talks today (Week 33)
- Caught up on tons of email from while I was on vacation. (Week 36)
- Met today to discuss my time to support the SINKER UI scoping as well as support for Yui's Coastal BioChemical Sensing UI project in 2025. (Week 37)
- Had a small emergency at home yesterday that required me working from home. (Week 39)

- I spent a lot of time yesterday trying to determine why Lisa Emanuelson could no longer revise precruises. It seemed quite a mystery from my end as nothing had changed in my code recently. It was finally resolved and determined to be something related to Active Directory specifically with her account. (Week 40)
- Helped with issues related to precruise posts and access to the EXPD by Marine Ops. (Week 41)
- Helped with some precruise access issues for DMO. (Week 42)
- Watching some tutorials for React. (Week 43)
- Helped with some pre-cruise support requests. (Week 43)
- Transferred precruise responsibilities from Lisa to Matt for the holiday week. (Week 48)
- Spent time looking at the offices in the new building as a potential move. (Week 48)