

Karen Salamy Sorted By Project

300057 - Mooring Maintenance

- Performed Mooring server checks. (Week 29)
- Added a few new scientists to the White Shark hourly email list on OA1 and OA2 for Barbara Block. (Week 29)
- Performed a few minor updates to files this week. Otherwise, all seems to be functioning well currently. (Week 32)
- Performed weekly checks on deployed instruments I am responsible for. (Week 38)
- Weekly checks and maintenance (Week 40)
- Chasing a Lock file error with M1 data downloads this morning. Data is not downloading to SSDS. Lock files are being created but not deleted by the system. (Week 41)
- On Friday, the M1 mooring was not downloading data to SSDS. I spent some time diagnosing that its data downloads were being affected by cascading problems with the OA1 downloads. I removed OA1 from the hourly download process and all other mooring data streams downloaded appropriately. Francisco and Jules are looking into the issue with OA1. (Week 42)
- Late last night the M1 GPS stopped downloading data to SSDS (only instrument to fail). I have an email out to Jared to check to see if there are any major failures on the GPS from his end. (Week 42)
- Checked basic operations of M1 Mooring and data downloads to SSDS (Week 43)
- Weekly Maintenance and mooring operation checks. (Week 44)
- Weekly maintenance and data checks. (Week 48)
- Weekly maintenance and data checks. (Week 49)

704109 - NavDORISS

- Working today to locate the remote Desktop login and password to the bottom side NavDORISS system for Bill K. I set up the PC104 computer stack for the project last year, however, he is having trouble accessing the Remote Desktop passcode to perform tests. This is a separate passcode and it may be in the Project Library notes. (Week 29)
- I have spent time this week helping Bill K. bring up the NavDORISS in the lab. I am on campus today in order to help establish an ethernet connection to the bottom side computer via the Remote Desktop. There may be an issue with the system “seeing” the SSD on the pc-104 stack. (Week 30)
- Spent most of the week and past weekend working on bringing up the NavDORISS system. (Week 31)
- A Navy rep visited MBARI today to see the status of the NavDORISS thus far. (Week 31)
- Spending a little more time with the system to set it up the way Bill would like (visually). (Week 32)
- Worked most of the week on this issue. Yesterday, with the help of the original Engineer on the DORISS2 project (Eric Martin) we were able to finally determine the issue with the Andor driver not installing onto the NavDORISS bottom-side system. The issue was determined to be a mistake transferring a late change in the USB wiring diagram that did not get populated to the document used to ACTUALLY wire the cable. Only Eric knew of this potential issue given his history with the DORISS2 project from which the NavDORISS is built upon. It was an issue that only he could remember. He and Bill will update all documentation prior to handing the NavDORISS to the Navy. (Week 38)
- Finalizing the last of my work on the project. Assigned information on 2 SSD drive purchases with accounting today. (Week 40)
- Work on NavDORISS is mostly completed. Bill K. had me order two more SSD disks that he would like the NavDORISS Target Image installed on at some point. (Week 41)
- This week I was informed by Eric M. and Jose R. that the Falcon board was not gaining sufficient power to run the laser in the lab. I have been asked to build up a spare Falcon board this week in the event this is a board-related failure specific to the existing computer. (Week 42)

- Ordered new SSD cards for NavDORISS system and handed them to Eric M. (Week 43)

901101 - Seafloor Mapping

- Will begin work on this project once Mike M. sets a work list for me. (Week 14)
- Received new message from Mike M. and Jenny P. regarding initial names for the database we will be building. It is currently called SeafloorMappingDB (or smdb). (Week 20)
- Began brief conversations with Jenny and Mike about the project this week. (Week 21)
- Installed a local SMDB development system using Docker last week and have been familiarized with the HTML and CSS code aspects of the server. Made a few aesthetics to the home page as some quick tests. (Week 29)
- Spent some time developing a Project Icon for the SMDB and ran several by Jenny P. as well. (Week 29)
- Spent a little time with the logo for the SMDB based on requests from Jenny P. Using a local development system to test web-base changes to the current project. (Week 30)
- Have been trying to schedule a meeting with Mike M. to discuss the SMDB project. (Week 31)
- Spent some time looking at and familiarizing myself with Visual Studio Code for the project after speaking with Mike last week. (Week 32)
- Will begin testing Mike's project builds again starting tomorrow now that the NavDORISS CCD camera driver issue has been resolved. (Week 38)
- Began new downloads and testing of the SMDB code. (Week 40)
- Playing around and testing updates and changes with the SMDB builds. In addition, I still do not have access to Adobe Photoshop since the MBARI group on Creative Cloud was created. I need this software to continue developing an icon for the website and project. (Week 41)
- Spent some time working on an image for the Seafloor Mapping Data Base (SMDB) for Jenny and Mike. There will be doubtless changes and discussion until the final is decided upon but this is the winning option so far. The background is of a high resolution bathymetric scan supplied by Jenny P. (Week 42)
- (Week 42)
- ZOOM Meeting with Jenny and Mike this AM to go over Mike's progress on the SMDB, his instructions for installing and running the DB code and what's next for me to do on the project while he moves on to other tasks. (Week 42)
- Continue to have Wednesday AM meetings with Mike M. and Jenny P. I have now also created a drive.google.docs directory for our ZOOM video files name SMDB_Project_ZOOM_Meetings. (Week 43)
- Working with Jenny and Mike on the builds and operation of the SMDB. We are now meeting once a week and going over any bugs or questions. Going over meeting videos to make sure I understand the build process. (Week 44)
- Finalizing the addition of the new SMDB image logo that I created for the project (Jenny and David C. both appear to like it). (Week 48)
- Working to get a ESRI bathymetric Ocean map onto the Data Base map page. Testing out some layer overlay issues. (Week 48)
- Added ESRI World Ocean Bathymetric map to the SMDB map view at <https://smdb.shore.mbari.org/> (image below). (Week 49)
- Met with Mike and Jenny about proper git push protocols between branches and the main. (Week 49)
- I will start looking into the ability to zoom in further into the ESRI maps. The Vector BaseLayerMap is not as high resolution as the TileLayers. (Week 49)
- I will also check to see if the leaflet data points (path) can be adjusted from blue (which now clashes with the Ocean bathymetric map colors) to a dark orange. (Week 49)
- (Week 50)

901602 - Data TAG

901915 - Improving MBARI Data Impact

902100 - Telepresence on MBARI Research Vessels

- Attended first telepresence team ZOOM meeting this past week. (Week 10)
- Some linkserver questions for IS (Week 20)
- Changed the telepresence linkserv notification email link for Eric Martin. The old email link was not working for some reason. (Week 38)
- Eric M. has reported issues with precruises that include telepresence not being forwarded to the MBARI telepresence email list. I asked IS to look into the issue from their side to first determine if there were any errors with the listserv. Pat Allen has ruled that out so I will begin a deep dive into the Precruise web form code to see if there is a bug in the code somewhere. This problem has been intermittent which makes finding the issue a little more difficult. (Week 42)

Attended first telepresence team ZOOM meeting this past week.

Continued working on MBsystem replacement script for the mini ROV nav

Held a meeting with Rich and Danelle to discuss mooring turnaround responsibilities currently performed by Rich. Both Danelle and I are slated to take over these responsibilities when Rich retires this year.

Out of Office

- Out sick today.
- Heading to the snow for a few days starting tomorrow. I plan to work from where we are staying as much as possible. Feb. 18-21.
- Heading to the snow for a few days again. I plan to work from where we are staying as much as possible. March 17-19.
- Out sick most of this week with a doozy of a cold.
- Out sick most of this week with a doozy of a cold.
- I will be receiving my second COVID shot this Friday and may have to take the day off.
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- May 28 - June 1 - Vacation
- Doctor's appointments June 2nd & 3rd. Will be out for part of those days.
- July 7-9, vacation
- Took Monday off for vacation.
- Vacation: November 12-19, 2021.
- Vacation: December 22, 2021 - January 4, 2022.
- Vacation: December 22, 2021 - January 4, 2022. May extend this to spend some more vacation time with my daughter.

Overhead

- Filled out the MBARI Conflict of Interest Disclosure and Employee Cert (Week 3)
- Attended Picture a Scientist Online Webex Panel (Week 3)
- Attended Monday's Engineering meeting (Week 3)

- Met with Kevin Gomes regarding the 2021 to discuss replacement responsibilities after Rich's retirement, this year's budget and assigned projects, etc. (Week 3)
- Had annual evaluation meeting with Kevin G. (Week 4)
- Attended group discussion on Rich S's daily responsibilities and potential replacement needs for when Rich retires in a few months. (Week 4)
- Met with Rich S. on separate ZOOM meeting to discuss what tasks he feels I should consider taking on after his retirement. (Week 4)
- Looking into ways to incorporate a new script on coredata8 that will do the task of mbminirovnav script and no longer require setting up the entire MB-System to determine mini-rov nav. This idea was based on a discussion with Rich. (Week 4)
- Began scripting new code to try and replace the MBSYSTEM component of the MiniROV Nav computation. (Week 7)
- Spoke with Rich S. yesterday at length regarding maintaining the miniROV downloads, data locations, script locations, etc and how to troubleshoot when issues arise. (Week 7)
- Worked with Teresa on some text formatting issues with the pre-cruise web forms (Week 10)
- Continued working on MBSystem replacement script for the mini ROV nav (Week 10)
- Held a meeting with Rich and Danelle to discuss mooring turnaround responsibilities currently performed by Rich. Both Danelle and I are slated to take over these responsibilities when Rich retires this year. (Week 10)
- Continued work on Rich S responsibilities succession plan. (Week 11)
- Working on some scripting for miniROV work (Week 11)
- Looking into a text editor app for Precruise form. (Week 11)
- Continued work on Rich S responsibilities succession plan (Week 12)
- Working on some scripting for miniROV work (Week 12)
- Looking into a text editor app for Precruise form. (Week 12)
- Continued work on Rich S responsibilities succession plan. Began configuring files on coredata server for next M1 June 14 (202106) Oasis 3 Mooring deployment. (Week 13)
- Working with Pat and Neil on SVN repo connection issues with SmartSVN client (Week 13)
- Looking into a text editor app for Precruise form. (Week 13)
- Continuing Onboarding of Oasis operations with Rich and Danelle. We diagnosed an M1 download issue this morning and M1 data is downloading again. (Week 14)
- I built and configured the 202106 deployment setting for both M1 and M1-slave1 and am awaiting information from Jarod on the final instrument data list, etc for the upcoming June 14h deployment. (Week 14)
- Still trying to diagnose the issue with the SVN client not being able to connect to the SVN repo on atlas via the kahuna server. All indications point to a permissions issue possibly between the client and possibly atlas. Hope to figure this out soon. (Week 14)
- Continued with weekly Onboarding meetings with Rich and Danelle (Week 15)
- Began transferring recorded ZOOM meeting files of Rich's knowledge transfer to google drive (Week 15)
- Continued trying to figure out the issue between the kahuna SVN repository and the SmartSVN client since the most recent server upgrades. (Week 15)
- Helped Kent access a project on the moonjelly CVS repository. (Week 15)
- Reached out to Jared F. For the new M1 turn instrument list. (Week 15)
- Engineering Meeting. (Week 15)
- Continued weekly meetings with Rich and Danelle on Rich succession planning tasks. (Week 18)
- Wrote a script to determine if stale vipr lock files on coredata system. (Week 18)
- Helped several CVS users access their accounts (forgotten passwords). (Week 18)
- Continue with Rich Weekly Onboarding of Oasis3 Mooring work. (Week 20)
- Created a new script that would look for any stale vipr LCK files prior to data downloads. The persistence of these files will not allow data downloads. It is unsure what is causing this (possibly others logging in to the system at certain times) but the script has been keeping data downloads working. (Week 20)
- Set up the M1-slave1 directory for Jared to test through in the Bird Cage. I added the new script to the 202106 download test hourly cronjob. (Week 20)

- Worked with Rich, Danelle and Jared F. on the next Oasis M1 deployment scheduled for June 14th. Most of the system is up and running in the DMO bird cage setup. We expect the termserver to the actual radio for on-the-dock testing to happen very soon. (Week 21)
- Worked with some Mathworks license toolbox transfers for Kent H. (Week 21)
- Had to go into MBARI for one day this past week to help bring up the NavDORISS laptop. There were some issues with logging in for several users. (Week 21)
- Last week before M1 mooring deployment. Initiated SSDS data ingest testing for the new mooring. So far the data looks good and charts accurate. (Week 23)
- Met with Rich and Kevin over ZOOM this week to go over the various steps for the mooring deployment cut over. Oasis M1 deployment is currently scheduled for this Monday,, June 14th. (Week 23)
- Looked into a few issues with the post cruise web form. (Week 23)
- Working with Andy H. to acquire a Simulink transfer within our Master Matlab license. He needs both Simulink and Simscape for work - including for his summer intern. Given the cost of Simscape we are attempting to reduce costs where possible. (Week 25)
- Worked with video lab to update various editing capabilities of certain users editing miniROV dives and other various older dives. (Week 25)
- Successfully deployed the new Oasis M1 Mooring (first without Rich S.). Worked with Kevin G., Danelle C. and Jared F. to update all records and links on the day of deployment. Currently only one sensor (CTD at 150m on the string) is not working. All else appears to be ok. (Week 25)
- Helped Teresa C. edit and update the Participants list in the MBARI Precruise for Jim Barry's upcoming WFLY 522 cruise. The list of telepresence observers was quite long. As a result, I edited the participant field to be at its maximum: 8000(var chars). Any more is not possible. We performed numerous edits to get the entire list of on-shore and at-sea participants into the group field. Changes can be seen here:
<https://mwww.mbari.org/expd/log/postcruise.asp?step=display&ExpeditionID=7249> (Week 26)
- Dealt with the AutoFS issues on various servers including coredata8 (Mooring data downloads) following an IS linux update problem that occurred on June 21. The update was rolled back on the affected servers and all is now working as it should. (Week 26)
- I was able to successfully transfer a Simulink Toolbox from another MBARI user to Andy H. in time for his intern's arrival and need for it. (Week 26)
- Continue to monitor daily the M1 Mooring data and progress. (Week 26)
- Worked with IS to test auto_fs mounts on coredata8 (Week 27)
- Helped IS delete various retired computer systems from their inventory list. (Week 27)
- Looked over and discussed 2022 budget requests with Kevin. (Week 27)
- Attended a ZOOM meeting with Brian S. and Mike M. to discuss the Video Lab's request to have a command setting that would allow them to quickly change the Dive Start Times on EXPD as they are transferring tapes. Various dive start times on several old dive tapes are not lining up with their records and making the corrections through the forms has proven tedious. Brian agreed to take this on himself as the fix seemed relatively easy for him as he works through the tapes with the Video Lab. (Week 29)
- Discussed 2021 project allocations with the SE group. (Week 31)
- Participating in the new SE hire interviewing process. I have really enjoyed meeting and speaking with the candidates over the last week. (Week 32)
- Attended two interviews for the group (Kevin and Graham). (Week 38)
- Was on campus this week to attend various meetings. (Week 41)
- Received a quote from Matlab that our 2-year maintenance invoice is due. I will get this processed during the first week of November (which is my usual time to process these charges). (Week 42)
- Working on the Matlab purchase order for this year. (Week 44)
- Attended Todd's meeting this AM on new VPN connection changes. Signed up early to transition since I will be going on vacation next week. Decided to wait to set up my Duo account until after today's SE group meeting. :) (Week 44)
- Considered to join Todd's new hiring group to replace Pat but noticed that both Kevin and Brian are already on it so felt our group was well represented. (Week 44)

- Looking into an issue with the EXPD for Megan Bassett where she is unable to consistently add tapes to the database. (Week 48)
- Created and processed MathCad, Aldec and Mathworks annual license maintenance and renewals for the 2022 year. (Week 48)
- Completed all of the software maintenance license renewals for 2022-2023 including Mathworks, MathCad and Aldec. (Week 49)

Worked with Teresa on some text formatting issues with the pre-cruise web forms